```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
27    +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
28    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
29    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
30    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
31    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
32    +   +   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
33    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
34    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
36    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
37    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
38    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
39    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
40    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
41    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
42    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
43    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   00000
44    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   00000
45    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
46    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
47    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
48    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
49    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
50    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
51    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
52    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
53    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
54    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
55    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
56    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
57    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
58    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
59    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
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61    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
64    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.134E+02        1575.     1800.
2.00       0.0       0.259E+00        2625.     1875.
3.00       0.0       0.718E-02        3675.     1950.
4.00       0.0       0.245E-03        4800.     2025.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)          (MG/L)          (FT)      (FT)

1.00       0.0       0.237E+03        1500.     1800.
2.00       0.0       0.442E+02        2550.     1875.
3.00       0.0       0.106E+02        3600.     1950.
4.00       0.0       0.312E+01        4650.     2025.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clumps


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR

                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID      X-LOC    Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)       (FT)      (FT)
0.33       0.0        0.000E+00      0.000E+00        0.        0.
0.67       0.0        0.000E+00      0.000E+00        0.        0.
1.00       0.0        0.000E+00      0.000E+00        0.        0.
1.33       0.0        0.000E+00      0.000E+00        0.        0.
1.67       0.0        0.000E+00      0.000E+00        0.        0.
2.00       0.0        0.000E+00      0.000E+00        0.        0.
2.33       0.0        0.000E+00      0.000E+00        0.        0.
2.67       0.0        0.000E+00      0.000E+00        0.        0.
3.00       0.0        0.000E+00      0.000E+00        0.        0.
3.33       0.0        0.000E+00      0.000E+00        0.        0.
3.67       0.0        0.000E+00      0.000E+00        0.        0.
4.00       0.0        0.000E+00      0.000E+00        0.        0.
```

```
           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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```
MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
```

```
GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
```

DEPTH GRID, FEET:

```
 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 4     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 5     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 6     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 7     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 9     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
10     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
11     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
12     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
13     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
14     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
15     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
16     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
17     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
18     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
19     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
20     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
21     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
22     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
23     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
24     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
25     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
26     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
27     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
28     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
29     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
30     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
31     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
32     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
33     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
34     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
35     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
36     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
37     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
38     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
39     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
40     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
41     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
42     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
43     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
44     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
45     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
46     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
47     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
48     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
49     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
50     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
51     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
52     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
53     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
54     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
55     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
56     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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CODED GRID:

         RANGE OF N IS   1 TO  49

          X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X
          X O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W D W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
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          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
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 X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
 X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
 X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
 X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
 X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
 X O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O X
 X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X

LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                  FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

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TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
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MODEL COEFFICIENTS READ FROM INPUT:

         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

         SETTLING COEFFICIENT                      BETA   =    0.0000

         APPARENT MASS COEFFICIENT                 CM     =    1.0000

         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

         DRAG FOR A PLATE                          CD4    =    1.0000

         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250

         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
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MATERIAL DESCRIPTION:    4 SOLIDS FRACTIONS


                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.7640E-01    0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.1340        0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.6070E-01    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clumps      1.600        0.2711        3.00000    0.4000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =   99.00     LBS/SQ. FT.
               SEDIMENT FRACTION WILL NOT BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF copper   FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF copper   IS  0.667000E-02 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.2580000E-02 MG/L.

         THE WATER QUALITY STANDARD FOR copper   IS  0.3100000E-02 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.024        0.4578
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS    6.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.16666667E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS 1137.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #3 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.31555556E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  836.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #4 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.43914816E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  701.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       560.3      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       8.761      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       5.777      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       4.255      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       3.355      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       2.758      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   2.327      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   2.003      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   1.749      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       3534.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS      THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       982.8      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       15.37      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       10.13      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       7.461      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       5.884      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       4.838      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   4.083      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   3.512      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   3.066      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       6199.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)    WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       445.2      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       6.960      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       4.589      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       3.380      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       2.665      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       2.190      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   1.849      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   1.591      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   1.389      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       2808.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  30.31       500.3       1575.       143.3       13.50      0.1000E-02   944.6      0.0000E+00        71              1

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    2
  30.61       500.2       1575.       159.3       13.50      0.1000E-02   3525.      0.0000E+00       141             71

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    3
  30.92       500.2       1575.       171.4       13.50      0.1000E-02   2797.      0.0000E+00       211            141

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    4
  31.23       500.2       1575.       181.1       13.50      0.1000E-02   2123.      0.0000E+00       281            211

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    5
  31.54       500.2       1575.       189.1       13.50      0.1000E-02   1565.      0.0000E+00       351            281

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    6
  31.84       500.2       1575.       195.8       13.50      0.1000E-02   1130.      0.0000E+00       421            351

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    7
  32.15       500.2       1575.       201.6       13.50      0.1000E-02   801.7      0.0000E+00       491            421

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    8
  32.46       500.2       1575.       206.7       13.50      0.1000E-02   561.0      0.0000E+00       561            491

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    9
  32.77       500.2       1575.       211.1       13.50      0.1000E-02   388.0      0.0000E+00       631            561

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       804.3      0.0000E+00       701            631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )    (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     5) =    1
  33.07       500.2       1575.       215.1       10.07       3.431       8453.       3784.          701               1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     4125.6



     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
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BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .01   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .33 .58 .52 .22 .05   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .18 1.3 4.7 8.4 7.4 3.2 .71 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.2 9.4  35  63  55  24 5.1 .55 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .31 4.5  34 130 246 214  88  18 1.9 .10   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .55 8.1  61 242 471 409 162  33 3.4 .18   +   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .48 7.0  53 208 403 350 140  28 3.0 .16   +   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .21 3.0  22  84 157 138  58  12 1.3 .07   +   .   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 .65 4.7  17  31  28  12 2.5 .28 .01   +   .   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .07 .50 1.8 3.2 2.8 1.2 .27 .03   +   .   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .09 .17 .15 .06 .01   +   .   .   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .06 .06 .02   +   +   .   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .13 .11 .04   +   +   .   .   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .11 .09 .03   +   +   .   .   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .04 .03 .01   +   +   .   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Silt





SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     144.63
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7091.4





SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     57.868
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7178.1





SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     23.601
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7212.4
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .04 .05 .06 .05 .04 .02 .01   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .16 .22 .25 .22 .16 .09 .04 .01   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .14 .30 .54 .76 .85 .76 .54 .30 .14 .05   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .04 .13 .37 .82 1.4 2.0 2.3 2.0 1.4 .82 .37 .13   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .08 .28 .79 1.7 3.1 4.5 5.0 4.5 3.1 1.7 .79 .28   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .14 .48 1.3 3.0 5.5 7.8 8.8 7.8 5.5 3.0 1.3 .48   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .19 .66 1.8 4.1 7.6  11  12  11 7.5 4.1 1.8 .66   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .20 .71 2.0 4.5 8.2  12  13  12 8.2 4.5 2.0 .71   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .18 .61 1.7 3.8 7.0  10  11  10 7.0 3.8 1.7 .61   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .12 .42 1.1 2.6 4.7 6.8 7.6 6.8 4.7 2.6 1.1 .42   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .23 .64 1.4 2.5 3.6 4.0 3.6 2.5 1.4 .64 .23   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .10 .28 .62 1.0 1.5 1.7 1.5 1.0 .62 .28 .10   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .10 .21 .38 .53 .59 .53 .38 .21 .10 .03   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=   2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
 14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
 15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
 16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
 17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
 18 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
 19 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .25 .78 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
 20 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .53 1.0 1.6 1.8 1.4 .85 .40 .15 .05 .01   +   +
 21 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .19 .46 .88 1.2 1.4 1.2 .82 .43 .18 .06 .01   +   +
 22 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .06 .19 .45 .82 1.1 1.3 1.1 .81 .44 .19 .06 .02   +   +
 23 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .16 .37 .68 .98 1.1 .98 .68 .37 .16 .05 .01   +   +
 24 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .04 .11 .25 .45 .65 .73 .65 .45 .25 .11 .04 .01   +   +
 25 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .06 .13 .24 .34 .39 .34 .24 .13 .06 .02   +   +   +
 26 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .05 .10 .14 .16 .14 .10 .05 .02 .01   +   +   +
 27 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .03 .05 .05 .05 .03 .02   +   +   +   +   .
 28 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   .   .
 29 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
 30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
 31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   .   .   .   .   .   .   0   0
 32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
 33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0
 34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       3.674      0.0000E+00   466.9      0.0000E+00   13.50      0.100000E-01
  2        1564.         1650.      0.9189      0.0000E+00   491.6      0.0000E+00   13.50      0.100000E-01
  3        1564.         1650.      0.6027      0.0000E+00   509.9      0.0000E+00   13.50      0.100000E-01
  4        1564.         1650.      0.4163      0.0000E+00   524.4      0.0000E+00   13.50      0.100000E-01
  5        1564.         1650.      0.3492      0.0000E+00   536.2      0.0000E+00   13.50      0.100000E-01
  6        1563.         1650.      0.2863      0.0000E+00   546.1      0.0000E+00   13.50      0.100000E-01
  7        1563.         1650.      0.2448      0.0000E+00   554.5      0.0000E+00   13.50      0.100000E-01
  8        1563.         1650.      0.2099      0.0000E+00   561.8      0.0000E+00   13.50      0.100000E-01
  9        1563.         1650.      0.1815      0.0000E+00   568.2      0.0000E+00   13.50      0.100000E-01
 10        1563.         1650.       16.72      0.0000E+00   573.9      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     9.6253
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7226.4




SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     3.9256
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7232.1




SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.6010
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7234.4

    MAX CONC IS 0.00000010 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .09 .08 .07 .05 .03 .02 .01   +
35 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .02 .02 .01   +   +
38 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01   +   +
39 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .01 .01   +   +   +
40 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +
41 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
42 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
48 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
33    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
34    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
38    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
39    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
40    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
41    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
42    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
43    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
44    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
45    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
46    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
47    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
48    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.2492      0.0000E+00   915.3      0.0000E+00   13.50      0.100000E-01
  2        2637.         1726.      0.6233E-01  0.0000E+00   946.7      0.0000E+00   13.50      0.100000E-01
  3        2637.         1726.      0.4089E-01  0.0000E+00   969.8      0.0000E+00   13.50      0.100000E-01
  4        2636.         1726.      0.2824E-01  0.0000E+00   987.9      0.0000E+00   13.50      0.100000E-01
  5        2636.         1726.      0.2369E-01  0.0000E+00   1003.      0.0000E+00   13.50      0.100000E-01
  6        2636.         1726.      0.1942E-01  0.0000E+00   1015.      0.0000E+00   13.50      0.100000E-01
  7        2636.         1726.      0.1660E-01  0.0000E+00   1026.      0.0000E+00   13.50      0.100000E-01
  8        2636.         1726.      0.1424E-01  0.0000E+00   1035.      0.0000E+00   13.50      0.100000E-01
  9        2636.         1726.      0.1231E-01  0.0000E+00   1043.      0.0000E+00   13.50      0.100000E-01
 10        2636.         1726.       1.134      0.0000E+00   1050.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.65294
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.26630
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.7




SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.10861
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.9

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .07 .05 .04 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .07 .06 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
40 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

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60 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
53    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
54    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   00000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   00000
57    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   00000
58    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
59    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
60    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
```

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61    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
63    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
64    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
65    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
66    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0OOOO
67    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
68    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
69    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
70    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3710.         1801.      0.1691E-01  0.0000E+00   1461.      0.0000E+00   13.50      0.100000E-01
  2        3710.         1801.      0.4229E-02  0.0000E+00   1498.      0.0000E+00   13.50      0.100000E-01
  3        3709.         1801.      0.2774E-02  0.0000E+00   1525.      0.0000E+00   13.50      0.100000E-01
  4        3709.         1801.      0.1916E-02  0.0000E+00   1547.      0.0000E+00   13.50      0.100000E-01
  5        3709.         1801.      0.1607E-02  0.0000E+00   1564.      0.0000E+00   13.50      0.100000E-01
  6        3709.         1801.      0.1317E-02  0.0000E+00   1578.      0.0000E+00   13.50      0.100000E-01
  7        3709.         1801.      0.1126E-02  0.0000E+00   1591.      0.0000E+00   13.50      0.100000E-01
  8        3709.         1801.      0.9658E-03  0.0000E+00   1601.      0.0000E+00   13.50      0.100000E-01
  9        3709.         1801.      0.8352E-03  0.0000E+00   1610.      0.0000E+00   13.50      0.100000E-01
 10        3709.         1801.      0.7693E-01  0.0000E+00   1619.      0.0000E+00   13.50      0.100000E-01





SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.44293E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.9





SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.18065E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7236.0





SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.73674E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7236.0

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .07 .05 .04 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .07 .06 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
40 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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```
60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.1147E-02  0.0000E+00   2090.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.2869E-03  0.0000E+00   2132.      0.0000E+00   13.50      0.100000E-01
  3        4782.         1877.      0.1882E-03  0.0000E+00   2163.      0.0000E+00   13.50      0.100000E-01
  4        4782.         1877.      0.1300E-03  0.0000E+00   2187.      0.0000E+00   13.50      0.100000E-01
  5        4782.         1877.      0.1090E-03  0.0000E+00   2206.      0.0000E+00   13.50      0.100000E-01
  6        4782.         1877.      0.8937E-04  0.0000E+00   2223.      0.0000E+00   13.50      0.100000E-01
  7        4782.         1877.      0.7641E-04  0.0000E+00   2236.      0.0000E+00   13.50      0.100000E-01
  8        4782.         1877.      0.6552E-04  0.0000E+00   2248.      0.0000E+00   13.50      0.100000E-01
  9        4782.         1877.      0.5666E-04  0.0000E+00   2259.      0.0000E+00   13.50      0.100000E-01
 10        4782.         1877.      0.5219E-02  0.0000E+00   2268.      0.0000E+00   13.50      0.100000E-01
```

```
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    0    0    0    0    0    0    0
 6 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    .    .    0    0    0    0    0
 7 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .03  .03  .01    +    +    .    0    0    0    0
 8 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .02  .15  .56  1.0  .89  .39  .08    +    +    .    0    0    0
 9 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .02  .31  2.2  8.1   15   13  5.6  1.2  .13    +    +    .    0    0
10 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .15  2.2   16   59  108   95   41  8.8  .95  .05    +    .    0    0
11 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .54  7.9   59  224  422  369  152   32  3.3  .18    +    .    0    0
12 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .03  .95   14  105  416  809  702  278   56  5.9  .32    +    +    .    0
13 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .02  .83   12   91  358  692  601  241   49  5.2  .28    +    +    .    0
14 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .37  5.3   39  146  271  238  100   21  2.3  .14    +    +    .    .
15 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .11  1.2  8.7   31   56   50   22  5.2  .73  .08  .01    +    +    .
16 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .07  .42  1.9  5.6   10  9.3  5.2  1.9  .52  .11  .01    +    +    .
17 0000    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .08  .38  1.3  3.3  5.5  5.9  4.0  1.8  .61  .14  .02    +    +    .
18 0000    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .07  .34  1.1  2.8  4.5  4.8  3.4  1.6  .56  .14  .03    +    +    +
19 0000    0    0    0    0    0    0    0    0    0    .    .    .    +    +  .01  .06  .25  .79  1.7  2.8  3.0  2.2  1.1  .45  .14  .03    +    +    +
20 0000    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01  .06  .20  .54  1.0  1.6  1.8  1.4  .87  .41  .16  .05  .01    +    +
21 0000    0    0    0    0    0    0    0    0    .    .    .    +    +    +  .02  .07  .20  .48  .90  1.3  1.4  1.2  .84  .45  .19  .07  .02    +    +
22 0000    0    0    0    0    0    0    0    0    .    .    .    +    +    +  .02  .07  .21  .48  .87  1.2  1.4  1.2  .86  .48  .22  .08  .02    +    +
23 0000    0    0    0    0    0    0    0    .    .    .    .    +    +    +  .02  .07  .19  .43  .76  1.0  1.2  1.1  .78  .45  .21  .08  .03    +    +
24 0000    0    0    0    0    0    0    0    .    .    .    +    +    +    +  .02  .06  .16  .34  .59  .83  .94  .85  .62  .37  .19  .08  .03  .01    +
25 0000    0    0    0    0    0    0    .    .    .    .    +    +    +    +  .02  .05  .13  .26  .43  .59  .67  .62  .47  .30  .16  .08  .03  .01    +
26 0000    0    0    0    0    0    0    .    .    .    .    +    +    +    +  .02  .05  .11  .21  .33  .44  .50  .48  .38  .26  .15  .08  .03  .01    +
27 0000    0    0    0    0    0    0    .    .    .    +    +    +    +    +  .02  .05  .10  .18  .27  .36  .41  .40  .33  .23  .15  .08  .04  .01    +
28 0000    0    0    0    0    0    .    .    .    .    +    +    +    +    +  .02  .04  .09  .15  .23  .31  .35  .34  .29  .21  .13  .07  .04  .01    +
29 0000    0    0    0    0    0    .    .    .    .    +    +    +    +    +  .02  .04  .07  .13  .19  .25  .28  .28  .24  .18  .12  .07  .03  .01    +
30 0000    0    0    0    0    .    .    .    .    .    +    +    +    +    +  .01  .03  .06  .10  .15  .19  .22  .22  .19  .15  .10  .06  .03  .01    +
31 0000    0    0    0    0    .    .    .    .    .    +    +    +    +    +  .01  .03  .05  .08  .12  .15  .17  .17  .15  .12  .08  .05  .03  .01    +
32 0000    0    0    0    0    .    .    .    .    +    +    +    +    +    +  .01  .02  .04  .07  .09  .12  .13  .13  .12  .10  .07  .05  .03  .01    +
33 0000    0    0    0    .    .    .    .    .    +    +    +    +    +    +  .01  .02  .03  .05  .08  .09  .11  .11  .10  .08  .06  .04  .02  .01    +
34 0000    0    0    0    .    .    .    .    .    +    +    +    +    +    +  .01  .02  .03  .04  .06  .08  .09  .09  .08  .07  .05  .04  .02  .01    +
35 0000    0    0    0    .    .    .    .    .    +    +    +    +    +    +  .01  .01  .02  .04  .05  .06  .07  .07  .07  .06  .04  .03  .02  .01    +
36 0000    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +  .01  .02  .03  .04  .05  .05  .06  .05  .05  .04  .03  .02  .01    +
37 0000    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +  .01  .01  .02  .03  .04  .04  .04  .04  .04  .03  .02  .01  .01    +
38 0000    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +  .01  .01  .02  .02  .03  .03  .03  .03  .03  .02  .02  .01  .01    +
39 0000    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +  .01  .01  .02  .02  .03  .03  .03  .02  .02  .01  .01  .01    +
40 0000    0    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +  .01  .01  .01  .02  .02  .02  .02  .02  .02  .01  .01    +    +
41 0000    0    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .02  .02  .02  .01  .01  .01  .01    +    +
42 0000    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01  .01  .01  .01  .01    +    +    +
43 0000    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01  .01  .01    +    +    +    +
44 0000    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01    +    +    +    +    +
45 0000    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
46 0000    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
47 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
48 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
49 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
50 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
51 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
52 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
53 0000    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
54 0000    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
55 0000    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
56 0000    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
57 0000    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
58 0000    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
59 0000    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .  .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .  .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .  .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .  .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .  .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .10 .09 .04   +   +   .   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .21 .41 .36 .14 .03   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .10 .40 .79 .68 .27 .05   +   +   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .08 .35 .67 .58 .23 .04   +   +   .   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .14 .26 .23 .09 .02   +   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .05 .04 .02   +   +   .   .   .   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1419.2
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1858.6




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     611.95
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2665.9




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     484.33
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2793.5
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
11 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
12 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    +    +    +  .01  .02  .05  .09  .13  .14  .12  .08  .04  .02    +    0    0    0
13 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    +    +  .01  .05  .14  .29  .49  .66  .72  .63  .44  .25  .11  .04    0    0    0
14 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    +  .01  .07  .23  .59  1.2  2.0  2.7  3.0  2.6  1.8  1.0  .48  .17    0    0    0
15 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .01  .06  .24  .77  1.9  4.1  6.8  9.2   10  8.7  6.1  3.5  1.6  .59    0    0    0
16 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .03  .16  .66  2.1  5.3   11   19   25   27   24   17   10  4.3  1.6    0    0    0
17 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .07  .36  1.4  4.5   12   25   42   56   61   54   38   21   10  3.5    0    0    0
18 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .13  .64  2.5  8.1   21   45   77  105  115  100   70   39   17  6.3    0    0    0
19 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .18  .91  3.6   12   31   68  118  163  179  156  107   59   26  9.2    0    0    0
20 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .21  1.0  4.2   14   38   85  151  213  236  204  139   74   32   11    0    0    0
21 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .19  .98  4.0   14   38   87  159  228  255  220  148   77   32   11    0    0    0
22 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .14  .74  3.1   11   31   72  135  197  222  191  127   65   26  8.6    0    0    0
23 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .08  .45  1.9  6.8   20   48   91  134  151  130   85   43   17  5.5    0    0    0
24 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .04  .22  .95  3.4   10   25   47   70   79   68   45   22  8.8  2.8    0    0    0
25 OOOO    0    0    0    0    0    0    0    0    0    0    0    0  .01  .08  .38  1.3  4.0   10   19   28   32   27   18  8.9  3.5  1.1    0    0    0
26 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    +  .02  .12  .42  1.2  3.0  5.7  8.5   10  8.3  5.4  2.7  1.1  .35    0    0    0
27 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    +    +  .03  .10  .31  .73  1.3  2.0  2.2  1.9  1.2  .66  .27  .08    0    0    0
28 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
29 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
30 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
31 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
32 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
33 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
34 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
35 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
36 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
37 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
38 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
39 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
40 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
41 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
42 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
43 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
44 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
45 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
46 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
47 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
48 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
49 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
50 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
51 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
52 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
53 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
54 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
55 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
56 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
57 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .15 .27 .24 .10 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .61 2.2 3.9 3.4 1.5 .33 .03   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .61 4.4  16  29  26  11 2.4 .26 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 2.1  16  60 111  97  41 8.7 .98 .06   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .32 4.0  29 111 211 184  75  16 1.9 .17 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .44 4.2  27 100 188 166  71  17 2.5 .35 .04   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .61 3.7  17  54  94  86  43  14 3.3 .69 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .13 .85 4.0  14  33  52  52  33  15 4.6 1.0 .18 .02   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .15 .96 4.3  14  31  47  48  34  16 5.3 1.2 .22 .03   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .13 .81 3.5  11  25  39  40  28  13 4.4 1.1 .22 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .55 2.2 6.7  15  23  24  17 8.3 2.9 .84 .20 .04   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .09 .38 1.2 3.4 7.2  11  12 8.5 4.6 1.9 .69 .21 .05 .01   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .09 .31 .91 2.1 4.0 5.8 6.3 5.1 3.2 1.6 .66 .22 .06 .01   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .08 .27 .75 1.6 3.0 4.3 4.7 4.0 2.7 1.4 .61 .21 .05 .01   +
22 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .20 .57 1.3 2.3 3.3 3.7 3.2 2.1 1.1 .48 .16 .04 .01   +
23 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .12 .36 .83 1.5 2.2 2.4 2.1 1.4 .74 .30 .10 .02   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .42 .78 1.1 1.2 1.0 .72 .37 .15 .05 .01   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .07 .16 .30 .45 .50 .43 .28 .14 .06 .02   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .02 .05 .09 .13 .15 .13 .08 .04 .01   +   +   +   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .02 .03 .03 .03 .02 .01   +   +   +   +   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   .   .   .   .   .   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1548.         1649.       134.9      0.0000E+00   466.9      0.0000E+00   13.50      0.200000E-02
  2        1564.         1650.       4.086      0.0000E+00   491.6      0.0000E+00   13.50      0.200000E-02
  3        1564.         1650.       2.691      0.0000E+00   509.9      0.0000E+00   13.50      0.200000E-02
  4        1564.         1650.       1.960      0.0000E+00   524.4      0.0000E+00   13.50      0.200000E-02
  5        1564.         1650.       1.544      0.0000E+00   536.2      0.0000E+00   13.50      0.200000E-02
  6        1563.         1650.       1.266      0.0000E+00   546.1      0.0000E+00   13.50      0.200000E-02
  7        1563.         1650.       1.070      0.0000E+00   554.5      0.0000E+00   13.50      0.200000E-02
  8        1563.         1650.      0.9198      0.0000E+00   561.8      0.0000E+00   13.50      0.200000E-02
  9        1563.         1650.      0.8021      0.0000E+00   568.2      0.0000E+00   13.50      0.200000E-02
 10        1433.         1641.       335.1      0.0000E+00   573.9      0.1115       13.39      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     405.31
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2872.5




SUMMARY OF Clay     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     339.19
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2938.6




SUMMARY OF Clay     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     283.85
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2993.9
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .06 .10 .15 .22 .29 .36 .42 .47 .48 .46 .41 .35 .27 .20 .14 .09
24 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .13 .21 .31 .45 .60 .74 .87 .95 .98 .94 .85 .71 .56 .42 .29 .19
25 OOOO   0   0   0   0   0   0   0   0   0 .01 .04 .07 .14 .24 .40 .61 .86 1.1 1.4 1.6 1.8 1.8 1.8 1.6 1.3 1.0 .80 .56 .36
26 OOOO   0   0   0   0   0   0   0   0   0 .03 .07 .14 .25 .44 .72 1.0 1.5 2.0 2.5 3.0 3.3 3.4 3.2 2.9 2.4 1.9 1.4 1.0 .65
27 OOOO   0   0   0   0   0   0   0   0   0 .05 .12 .23 .43 .75 1.2 1.8 2.6 3.5 4.4 5.1 5.6 5.8 5.5 5.0 4.2 3.3 2.4 1.7 1.1
28 OOOO   0   0   0   0   0   0   0   0   0 .09 .18 .37 .68 1.1 1.9 2.9 4.2 5.6 7.0 8.2 9.1 9.3 8.9 8.0 6.7 5.3 3.9 2.7 1.7
29 OOOO   0   0   0   0   0   0   0   0   0 .13 .28 .55 1.0 1.7 2.8 4.4 6.3 8.4  11  13  14  14  14  12  10 8.0 5.9 4.0 2.6
30 OOOO   0   0   0   0   0   0   0   0   0 .18 .38 .76 1.4 2.4 4.0 6.2 8.9  12  15  18  20  20  19  17  15  11 8.4 5.7 3.7
31 OOOO   0   0   0   0   0   0   0   0   0 .24 .50 1.0 1.8 3.2 5.3 8.2  12  16  20  24  26  27  26  23  20  15  11 7.6 4.9
32 OOOO   0   0   0   0   0   0   0   0   0 .29 .62 1.2 2.3 4.0 6.6  10  15  20  25  30  33  34  33  29  25  19  14  10 6.1
33 OOOO   0   0   0   0   0   0   0   0   0 .33 .71 1.4 2.6 4.7 7.7  12  17  24  30  36  39  40  39  35  29  23  17  11 7.1
34 OOOO   0   0   0   0   0   0   0   0   0 .36 .77 1.5 2.9 5.1 8.5  13  19  26  33  39  44  45  43  39  32  25  18  12 7.8
35 OOOO   0   0   0   0   0   0   0   0   0 .36 .78 1.5 2.9 5.2 8.7  14  20  27  34  41  45  47  45  40  33  26  19  13 8.0
36 OOOO   0   0   0   0   0   0   0   0   0 .34 .73 1.4 2.8 5.0 8.3  13  19  26  33  40  44  45  44  39  32  25  18  12 7.7
37 OOOO   0   0   0   0   0   0   0   0   0 .30 .65 1.3 2.5 4.4 7.5  12  17  24  30  36  40  41  39  35  29  23  16  11 6.9
38 OOOO   0   0   0   0   0   0   0   0   0 .25 .54 1.1 2.0 3.7 6.2  10  14  20  25  30  34  35  33  30  25  19  14 9.2 5.8
39 OOOO   0   0   0   0   0   0   0   0   0 .19 .42 .85 1.6 2.9 4.9 7.7  11  16  20  24  26  27  26  23  19  15  11 7.2 4.5
40 OOOO   0   0   0   0   0   0   0   0   0 .14 .30 .62 1.1 2.1 3.5 5.6 8.2  11  15  17  19  20  19  17  14  11 7.9 5.3 3.3
41 OOOO   0   0   0   0   0   0   0   0   0 .09 .20 .42 .80 1.4 2.4 3.8 5.6 7.7  10  12  13  14  13  12  10 7.4 5.3 3.6 2.2
42 OOOO   0   0   0   0   0   0   0   0   0 .06 .13 .26 .51 .91 1.5 2.4 3.5 4.9 6.2 7.4 8.3 8.5 8.2 7.3 6.1 4.7 3.4 2.2 1.4
43 OOOO   0   0   0   0   0   0   0   0   0 .03 .07 .15 .30 .54 .91 1.4 2.1 2.8 3.7 4.4 4.8 5.0 4.8 4.3 3.6 2.7 2.0 1.3 .84
44 OOOO   0   0   0   0   0   0   0   0   0 .02 .04 .08 .16 .30 .50 .78 1.1 1.5 2.0 2.4 2.6 2.7 2.6 2.3 1.9 1.5 1.1 .74 .46
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .67   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  1.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  1.5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  2.2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  2.9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  3.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  4.2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  4.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  4.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  4.5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  4.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  3.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  2.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  1.9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  1.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .84   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .49   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .15 .27 .24 .10 .02   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .61 2.2 3.9 3.4 1.5 .33 .03   +   .   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .61 4.4  16  29  26  11 2.4 .26 .01   +   .   .   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .16 2.1  16  60 111  97  41 8.7 .98 .06   +   +   .   .
12 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .32 4.0  29 111 211 184  75  16 1.9 .17 .01   +   +   .
13 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .44 4.2  27 100 188 166  71  17 2.5 .35 .04   +   +   .
14 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .61 3.7  17  54  94  86  43  14 3.3 .69 .11 .01   +   +
15 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .13 .86 4.0  14  33  52  52  33  15 4.6 1.0 .18 .02   +   +
16 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .15 .96 4.3  14  31  47  48  34  16 5.3 1.2 .22 .03   +   +
17 0000   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .14 .81 3.5  11  25  39  40  28  13 4.4 1.1 .22 .04   +   +
18 0000   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .56 2.2 6.7  15  23  24  17 8.3 3.0 .86 .21 .05 .01   +
19 0000   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .40 1.3 3.5 7.3  11  12 8.7 4.7 2.0 .74 .24 .07 .01   +
20 0000   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .11 .35 .99 2.2 4.2 6.0 6.5 5.3 3.4 1.7 .76 .28 .09 .02   +
21 0000   0   0   0   0   0   0   .   .   .   +   +   +   + .03 .11 .35 .89 1.9 3.4 4.7 5.2 4.5 3.1 1.7 .79 .31 .11 .03 .01
22 0000   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .12 .33 .81 1.7 2.9 4.1 4.6 4.0 2.8 1.6 .79 .34 .13 .04 .01
23 0000   0   0   0   0   0   .   .   .   +   +   +   + .01 .04 .12 .31 .72 1.4 2.4 3.3 3.7 3.3 2.4 1.4 .78 .37 .16 .06 .02
24 0000   0   0   0   0   .   .   .   .   +   +   +   + .01 .05 .13 .31 .65 1.2 1.9 2.6 2.9 2.7 2.1 1.3 .80 .41 .19 .08 .03
25 0000   0   0   0   .   .   .   .   +   +   +   +   + .02 .06 .14 .32 .64 1.1 1.7 2.3 2.5 2.4 1.9 1.3 .85 .47 .23 .10 .04
26 0000   0   0   0   .   .   .   .   +   +   +   + .01 .02 .07 .16 .34 .65 1.1 1.6 2.1 2.4 2.3 1.9 1.4 .90 .52 .27 .13 .06
27 0000   0   0   0   .   .   .   .   +   +   +   + .01 .03 .07 .17 .34 .64 1.0 1.5 2.0 2.2 2.2 1.8 1.4 .93 .55 .30 .15 .07
28 0000   0   0   .   .   .   .   +   +   +   +   + .01 .03 .08 .17 .34 .62 1.0 1.4 1.8 2.0 2.0 1.7 1.3 .92 .57 .32 .17 .08
29 0000   0   0   .   .   .   .   +   +   +   +   + .01 .04 .09 .18 .34 .59 .92 1.3 1.6 1.8 1.8 1.6 1.2 .90 .58 .35 .19 .10
30 0000   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .18 .34 .56 .86 1.1 1.4 1.6 1.6 1.5 1.2 .89 .59 .37 .21 .11
31 0000   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .10 .19 .33 .54 .80 1.0 1.3 1.5 1.5 1.3 1.1 .86 .60 .38 .22 .12
32 0000   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .18 .32 .51 .75 1.0 1.2 1.3 1.4 1.2 1.0 .83 .59 .38 .23 .13
33 0000   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .17 .30 .47 .68 .91 1.1 1.2 1.2 1.1 .99 .77 .56 .37 .23 .13
34 0000   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .16 .27 .42 .60 .80 .97 1.0 1.1 1.0 .89 .70 .51 .35 .22 .13
35 0000   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .08 .14 .24 .37 .52 .68 .82 .92 .94 .89 .77 .61 .46 .31 .20 .12
36 0000   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .12 .20 .31 .44 .57 .68 .76 .78 .74 .65 .52 .39 .27 .18 .11
37 0000   0   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .17 .25 .35 .46 .55 .61 .63 .60 .53 .43 .33 .23 .15 .09
38 0000   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .13 .20 .28 .36 .43 .48 .49 .47 .42 .34 .26 .18 .12 .07
39 0000   0   0   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .15 .21 .27 .32 .36 .37 .35 .31 .26 .20 .14 .09 .06
40 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .11 .15 .19 .23 .25 .26 .25 .22 .18 .14 .10 .06 .04
41 0000   0   0   .   .   .   .   .   +   +   +   +   + .01 .01 .03 .05 .07 .10 .13 .15 .17 .17 .17 .15 .12 .09 .07 .04 .02
42 0000   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .10 .11 .10 .09 .07 .06 .04 .02 .01
43 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01 .01
44 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01   +   +
45 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
46 0000   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
51 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
24  .01   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
26  .02 .01   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
27  .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
28  .04 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
29  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
30  .06 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
31  .06 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
32  .07 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
33  .07 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
34  .07 .03 .01   +   +   +   +   +   +   .   .   .   0   0   0   00000
35  .07 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
36  .06 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
37  .05 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
38  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
39  .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
40  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
41  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
42  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
43    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
44    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
45    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
46    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
47    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
48    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
52    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2621.         1724.       79.04      0.0000E+00   915.3      0.0000E+00   13.50      0.200000E-02
  2        2637.         1726.       2.395      0.0000E+00   946.7      0.0000E+00   13.50      0.200000E-02
  3        2637.         1726.       1.577      0.0000E+00   969.8      0.0000E+00   13.50      0.200000E-02
  4        2636.         1726.       1.149      0.0000E+00   987.9      0.0000E+00   13.50      0.200000E-02
  5        2636.         1726.      0.9049      0.0000E+00   1003.      0.0000E+00   13.50      0.200000E-02
  6        2636.         1726.      0.7418      0.0000E+00   1015.      0.0000E+00   13.50      0.200000E-02
  7        2636.         1726.      0.6271      0.0000E+00   1026.      0.0000E+00   13.50      0.200000E-02
  8        2636.         1726.      0.5391      0.0000E+00   1035.      0.0000E+00   13.50      0.200000E-02
  9        2636.         1726.      0.4701      0.0000E+00   1043.      0.0000E+00   13.50      0.200000E-02
 10        2505.         1716.       196.4      0.0000E+00   1050.      0.0000E+00   13.50      0.200000E-02





SUMMARY OF Clay     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     237.55
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3040.2





SUMMARY OF Clay     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     198.79
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3079.0





SUMMARY OF Clay     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     166.36
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3111.4
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   + .01 .02 .03 .04 .05 .07 .10 .12 .15 .18 .21 .24 .26 .28 .29 .29 .29 .28 .26 .23 .20 .17
34 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .15 .19 .23 .28 .32 .36 .40 .43 .44 .45 .44 .42 .39 .36 .31 .27
35 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .13 .17 .22 .28 .35 .41 .48 .54 .60 .64 .67 .67 .66 .63 .59 .53 .47 .40
36 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .18 .25 .32 .41 .50 .60 .70 .79 .87 .93 .97 .98 .97 .92 .86 .78 .68 .58
37 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .19 .26 .35 .46 .58 .71 .85 .99 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.1 .97 .83
38 OOOO   0   0   0   0   0   0 .05 .08 .13 .19 .26 .36 .49 .63 .80 .98 1.1 1.3 1.5 1.7 1.8 1.9 1.9 1.8 1.8 1.6 1.5 1.3 1.1
39 OOOO   0   0   0   0   0   0 .07 .11 .17 .25 .35 .49 .65 .85 1.0 1.3 1.5 1.8 2.0 2.2 2.4 2.5 2.5 2.5 2.4 2.2 2.0 1.8 1.5
40 OOOO   0   0   0   0   0   0 .09 .15 .22 .32 .46 .63 .85 1.1 1.4 1.7 2.0 2.4 2.7 3.0 3.2 3.3 3.3 3.3 3.1 2.9 2.6 2.3 2.0
41 OOOO   0   0   0   0   0   0 .12 .19 .28 .41 .58 .81 1.0 1.4 1.7 2.2 2.6 3.0 3.4 3.8 4.1 4.2 4.3 4.2 4.0 3.7 3.4 3.0 2.5
42 OOOO   0   0   0   0   0   0 .15 .23 .35 .51 .72 1.0 1.3 1.7 2.2 2.7 3.2 3.8 4.3 4.7 5.0 5.3 5.3 5.2 5.0 4.6 4.2 3.7 3.1
43 OOOO   0   0   0   0   0   0 .18 .28 .42 .61 .87 1.2 1.6 2.1 2.6 3.2 3.9 4.5 5.2 5.7 6.1 6.4 6.4 6.3 6.1 5.6 5.1 4.5 3.8
44 OOOO   0   0   0   0   0   0 .21 .33 .49 .71 1.0 1.4 1.8 2.4 3.1 3.8 4.6 5.4 6.1 6.7 7.2 7.5 7.6 7.5 7.1 6.6 6.0 5.2 4.5
45 OOOO   0   0   0   0   0   0 .24 .37 .56 .81 1.1 1.6 2.1 2.8 3.5 4.4 5.2 6.1 7.0 7.7 8.2 8.6 8.7 8.6 8.2 7.6 6.8 6.0 5.1
46 OOOO   0   0   0   0   0   0 .26 .41 .62 .90 1.2 1.7 2.3 3.1 3.9 4.8 5.8 6.8 7.7 8.6 9.2  10  10  10 9.1 8.5 7.6 6.7 5.7
47 OOOO   0   0   0   0   0   0 .28 .44 .66 .97 1.3 1.9 2.5 3.3 4.2 5.2 6.3 7.4 8.4 9.3  10  10  11  10  10 9.2 8.3 7.2 6.2
48 OOOO   0   0   0   0   0   0 .30 .46 .69 1.0 1.4 2.0 2.6 3.5 4.4 5.5 6.6 7.8 8.8  10  11  11  11  11  10  10 8.7 7.6 6.5
49 OOOO   0   0   0   0   0   0 .30 .47 .70 1.0 1.4 2.0 2.7 3.6 4.5 5.6 6.8 7.9 9.0  10  11  11  11  11  11  10 8.9 7.8 6.6
50 OOOO   0   0   0   0   0   0 .30 .46 .70 1.0 1.4 2.0 2.7 3.5 4.5 5.6 6.7 7.9 9.0  10  11  11  11  11  11  10 8.8 7.7 6.6
51 OOOO   0   0   0   0   0   0 .29 .44 .67 .98 1.4 1.9 2.6 3.4 4.3 5.4 6.5 7.6 8.7  10  10  11  11  11  10  10 8.6 7.5 6.4
52 OOOO   0   0   0   0   0   0 .27 .41 .63 .92 1.3 1.8 2.4 3.2 4.1 5.1 6.1 7.2 8.1 9.0  10  10  10  10  10 8.9 8.0 7.0 6.0
53 OOOO   0   0   0   0   0   0 .24 .38 .57 .84 1.1 1.6 2.2 2.9 3.7 4.6 5.6 6.5 7.4 8.2 8.8 9.2 9.3 9.2 8.8 8.1 7.3 6.4 5.4
54 OOOO   0   0   0   0   0   0 .21 .33 .50 .74 1.0 1.4 1.9 2.6 3.3 4.1 4.9 5.8 6.6 7.3 7.8 8.2 8.3 8.1 7.8 7.2 6.5 5.7 4.8
55 OOOO   0   0   0   0   0   0 .18 .28 .43 .63 .91 1.2 1.7 2.2 2.8 3.5 4.2 5.0 5.7 6.3 6.7 7.0 7.1 7.0 6.7 6.2 5.6 4.9 4.1
56 OOOO   0   0   0   0   0   0 .15 .24 .36 .53 .76 1.0 1.4 1.8 2.3 2.9 3.5 4.1 4.7 5.2 5.6 5.9 5.9 5.8 5.6 5.2 4.7 4.1 3.5
57 OOOO   0   0   0   0   0   0 .12 .19 .29 .43 .61 .85 1.1 1.5 1.9 2.4 2.9 3.4 3.8 4.2 4.6 4.8 4.8 4.7 4.5 4.2 3.8 3.3 2.8
```

```
58 OOOO   0   0   0   0   0   0 .10 .15 .23 .34 .48 .67 .91 1.2 1.5 1.9 2.2 2.6 3.0 3.3 3.6 3.7 3.8 3.7 3.6 3.3 3.0 2.6 2.2
59 OOOO   0   0   0   0   0   0 .07 .11 .17 .26 .37 .51 .70 .92 1.1 1.4 1.7 2.0 2.3 2.5 2.7 2.9 2.9 2.8 2.7 2.5 2.3 2.0 1.7
60 OOOO   0   0   0   0   0   0 .05 .08 .13 .19 .27 .38 .52 .68 .87 1.0 1.3 1.5 1.7 1.9 2.0 2.1 2.1 2.1 2.0 1.9 1.7 1.5 1.2
61 OOOO   0   0   0   0   0   0 .04 .06 .09 .14 .20 .28 .37 .49 .63 .78 .94 1.1 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .92
62 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .14 .19 .26 .34 .44 .55 .66 .77 .88 .97 1.0 1.0 1.1 1.0 1.0 .96 .87 .76 .65
63 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .13 .18 .23 .30 .37 .45 .53 .60 .66 .71 .74 .75 .74 .71 .66 .59 .52 .44
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33  .14 .12 .09 .07 .05 .03 .02   0   0   0   0   0   0   0   0   0OOOO
34  .22 .18 .14 .11 .08 .06 .04   0   0   0   0   0   0   0   0   0OOOO
35  .33 .27 .21 .16 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
36  .49 .39 .31 .24 .17 .13 .09   0   0   0   0   0   0   0   0   0OOOO
37  .69 .56 .44 .33 .25 .18 .12   0   0   0   0   0   0   0   0   0OOOO
38  .95 .77 .60 .46 .34 .25 .17   0   0   0   0   0   0   0   0   0OOOO
39  1.2 1.0 .81 .62 .46 .33 .23   0   0   0   0   0   0   0   0   0OOOO
40  1.6 1.3 1.0 .81 .60 .43 .30   0   0   0   0   0   0   0   0   0OOOO
41  2.1 1.7 1.3 1.0 .76 .55 .39   0   0   0   0   0   0   0   0   0OOOO
42  2.6 2.1 1.6 1.2 .94 .68 .48   0   0   0   0   0   0   0   0   0OOOO
43  3.1 2.5 2.0 1.5 1.1 .82 .57   0   0   0   0   0   0   0   0   0OOOO
44  3.7 3.0 2.3 1.8 1.3 .96 .67   0   0   0   0   0   0   0   0   0OOOO
45  4.2 3.4 2.6 2.0 1.5 1.0 .77   0   0   0   0   0   0   0   0   0OOOO
46  4.7 3.8 2.9 2.2 1.6 1.2 .85   0   0   0   0   0   0   0   0   0OOOO
47  5.1 4.1 3.2 2.4 1.8 1.3 .91   0   0   0   0   0   0   0   0   0OOOO
48  5.4 4.3 3.3 2.5 1.9 1.3 .96   0   0   0   0   0   0   0   0   0OOOO
49  5.5 4.4 3.4 2.6 1.9 1.4 .97   0   0   0   0   0   0   0   0   0OOOO
50  5.4 4.4 3.4 2.6 1.9 1.3 .97   0   0   0   0   0   0   0   0   0OOOO
51  5.3 4.2 3.3 2.5 1.8 1.3 .93   0   0   0   0   0   0   0   0   0OOOO
52  4.9 3.9 3.1 2.3 1.7 1.2 .87   0   0   0   0   0   0   0   0   0OOOO
53  4.5 3.6 2.8 2.1 1.5 1.1 .79   0   0   0   0   0   0   0   0   0OOOO
54  4.0 3.2 2.5 1.9 1.4 1.0 .70   0   0   0   0   0   0   0   0   0OOOO
55  3.4 2.7 2.1 1.6 1.2 .86 .60   0   0   0   0   0   0   0   0   0OOOO
56  2.8 2.3 1.8 1.3 1.0 .72 .50   0   0   0   0   0   0   0   0   0OOOO
57  2.3 1.8 1.4 1.1 .82 .58 .41   0   0   0   0   0   0   0   0   0OOOO
58  1.8 1.4 1.1 .88 .64 .46 .32   0   0   0   0   0   0   0   0   0OOOO
59  1.4 1.1 .89 .67 .49 .35 .24   0   0   0   0   0   0   0   0   0OOOO
60  1.0 .84 .66 .50 .37 .26 .18   0   0   0   0   0   0   0   0   0OOOO
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61  .76 .61 .47 .36 .26 .19 .13   0   0   0   0   0   0   0   0   0OOOO
62  .53 .43 .33 .25 .18 .13 .09   0   0   0   0   0   0   0   0   0OOOO
63  .36 .29 .23 .17 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .15 .27 .24 .10 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .61 2.2 3.9 3.4 1.5 .33 .03   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .61 4.4  16  29  26  11 2.4 .26 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .16 2.1  16  60 111  97  41 8.7 .98 .06   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .32 4.0  29 111 211 184  75  16 1.9 .17 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .44 4.2  27 100 188 166  71  17 2.5 .35 .04   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .61 3.7  17  54  94  86  43  14 3.3 .69 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .13 .86 4.0  14  33  52  52  33  15 4.6 1.0 .18 .02   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .15 .96 4.3  14  31  47  48  34  16 5.3 1.2 .22 .03   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .14 .81 3.5  11  25  39  40  28  13 4.4 1.1 .22 .04   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .56 2.2 6.7  15  23  24  17 8.3 3.0 .86 .21 .05 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .40 1.3 3.5 7.3  11  12 8.7 4.7 2.0 .74 .24 .07 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .11 .35 .99 2.2 4.2 6.0 6.5 5.3 3.4 1.7 .76 .28 .09 .02   +
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .03 .11 .35 .89 1.9 3.4 4.7 5.2 4.5 3.1 1.7 .79 .31 .11 .03 .01
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .12 .33 .81 1.7 2.9 4.1 4.6 4.0 2.8 1.6 .79 .34 .13 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .12 .31 .72 1.4 2.4 3.3 3.7 3.3 2.4 1.4 .78 .37 .16 .06 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .05 .13 .31 .66 1.2 1.9 2.6 2.9 2.7 2.1 1.3 .80 .41 .19 .08 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .06 .15 .32 .64 1.1 1.7 2.3 2.5 2.4 1.9 1.3 .85 .47 .23 .11 .04
26 OOOO   0   .   .   .   .   .   .   +   +   +   + .01 .03 .07 .16 .34 .65 1.1 1.6 2.1 2.4 2.3 1.9 1.4 .91 .52 .27 .13 .06
27 OOOO   0   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .17 .35 .64 1.0 1.5 2.0 2.3 2.2 1.9 1.4 .94 .56 .30 .15 .07
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .04 .08 .18 .35 .62 1.0 1.4 1.8 2.1 2.0 1.7 1.3 .94 .58 .33 .18 .09
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .02 .04 .09 .19 .35 .60 .94 1.3 1.6 1.8 1.8 1.6 1.3 .93 .60 .36 .21 .11
30 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .20 .35 .58 .89 1.2 1.5 1.7 1.7 1.5 1.2 .92 .63 .39 .23 .13
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .21 .36 .57 .85 1.1 1.4 1.5 1.6 1.4 1.2 .92 .65 .42 .26 .15
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .12 .21 .36 .56 .81 1.0 1.3 1.4 1.5 1.3 1.1 .92 .66 .44 .28 .17
33 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .07 .12 .22 .36 .54 .77 1.0 1.2 1.3 1.4 1.3 1.1 .90 .66 .46 .30 .18
34 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .13 .22 .35 .52 .73 .95 1.1 1.2 1.3 1.2 1.0 .87 .66 .47 .31 .20
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .13 .22 .34 .50 .69 .88 1.0 1.1 1.2 1.1 1.0 .84 .65 .47 .33 .21
36 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .05 .08 .14 .22 .34 .48 .65 .82 .98 1.0 1.1 1.0 .96 .80 .63 .47 .34 .23
37 OOOO   .   +   +   +   +   +   +   +   + .01 .03 .05 .09 .14 .22 .33 .46 .61 .77 .91 1.0 1.0 1.0 .91 .77 .62 .47 .34 .24
38 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .14 .22 .32 .44 .58 .72 .84 .93 .96 .93 .86 .74 .60 .47 .35 .25
39 OOOO   .   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .14 .22 .31 .42 .55 .67 .78 .86 .89 .87 .81 .70 .58 .46 .35 .25
40 OOOO   .   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .14 .21 .30 .40 .51 .63 .73 .80 .83 .81 .76 .67 .56 .45 .34 .25
41 OOOO   +   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .14 .20 .28 .38 .48 .58 .67 .73 .76 .75 .71 .63 .54 .44 .34 .25
42 OOOO   +   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .14 .20 .27 .36 .45 .54 .62 .68 .70 .70 .66 .59 .51 .42 .33 .25
43 OOOO   +   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .13 .19 .26 .33 .42 .50 .57 .62 .65 .64 .61 .55 .48 .40 .32 .25
44 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .24 .31 .39 .46 .52 .57 .59 .59 .56 .51 .45 .38 .31 .24
45 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .12 .17 .23 .29 .35 .42 .47 .52 .54 .54 .51 .47 .42 .35 .29 .23
46 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .08 .11 .16 .21 .26 .32 .38 .43 .47 .49 .49 .47 .43 .38 .33 .27 .22
47 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .08 .11 .15 .19 .24 .29 .34 .39 .42 .44 .44 .42 .39 .35 .30 .25 .20
48 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .17 .22 .26 .31 .34 .37 .39 .39 .38 .35 .32 .27 .23 .18
49 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .12 .15 .19 .23 .27 .30 .33 .34 .34 .33 .31 .28 .24 .21 .17
50 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .17 .20 .23 .26 .28 .30 .30 .29 .27 .25 .22 .18 .15
51 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .14 .17 .20 .23 .24 .25 .26 .25 .23 .21 .19 .16 .13
52 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .17 .19 .21 .21 .22 .21 .20 .18 .16 .14 .11
53 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .02 .03 .05 .06 .08 .10 .12 .14 .16 .17 .18 .18 .18 .17 .15 .13 .11 .09
54 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .13 .14 .15 .15 .14 .14 .12 .11 .09 .08
55 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .09 .10 .11 .12 .12 .12 .11 .10 .09 .08 .06
56 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .09 .09 .09 .08 .07 .06 .05
57 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .07 .07 .07 .07 .06 .05 .05 .04
58 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .05 .05 .05 .05 .05 .04 .04 .03 .03
59 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .03 .03 .03 .02 .02
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60 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .02 .02 .02 .02 .01
61 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01 .01
62 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
63 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
21    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   0   00000
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   00000
29  .05 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .0000
30  .07 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
32  .09 .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .0000
34  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .0000
35  .13 .08 .05 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
36  .15 .09 .05 .03 .02 .01   +   +   +   +   +   +   +   .   .   .0000
37  .16 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   .   .0000
38  .17 .11 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .0000
39  .17 .12 .07 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .0000
40  .18 .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
41  .18 .13 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
42  .18 .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
43  .18 .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
44  .18 .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
45  .17 .13 .09 .06 .04 .03 .01 .01   +   +   +   +   +   +   +   +0000
46  .17 .12 .09 .06 .04 .03 .01 .01   +   +   +   +   +   +   +   +0000
47  .16 .12 .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
48  .14 .11 .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
49  .13 .10 .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
50  .12 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
51  .10 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
52  .09 .07 .05 .04 .02 .02 .01   +   +   +   +   +   +   +   +   +0000
53  .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
54  .06 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
55  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
56  .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
57  .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
58  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .   .0000
59  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
60  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
```

```
61  .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .OOOO
62    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
63    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
64    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
65    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
66    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
67    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
68    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0OOOO
69    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   0OOOO
70    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3694.         1800.       46.32      0.0000E+00   1461.      0.0000E+00   13.50      0.200000E-02
  2        3710.         1801.       1.404      0.0000E+00   1498.      0.0000E+00   13.50      0.200000E-02
  3        3709.         1801.      0.9242      0.0000E+00   1525.      0.0000E+00   13.50      0.200000E-02
  4        3709.         1801.      0.6733      0.0000E+00   1547.      0.0000E+00   13.50      0.200000E-02
  5        3709.         1801.      0.5304      0.0000E+00   1564.      0.0000E+00   13.50      0.200000E-02
  6        3709.         1801.      0.4348      0.0000E+00   1578.      0.0000E+00   13.50      0.200000E-02
  7        3709.         1801.      0.3675      0.0000E+00   1591.      0.0000E+00   13.50      0.200000E-02
  8        3709.         1801.      0.3160      0.0000E+00   1601.      0.0000E+00   13.50      0.200000E-02
  9        3709.         1801.      0.2755      0.0000E+00   1610.      0.0000E+00   13.50      0.200000E-02
 10        3578.         1792.       115.1      0.0000E+00   1619.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     139.22
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3138.5




SUMMARY OF Clay     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     116.51
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3160.9




SUMMARY OF Clay     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     97.504
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3179.3
```

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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .09 .09 .10 .11 .11 .12 .12 .12 .12 .12 .11 .11 .10
43 OOOO   0   0   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .12 .13 .14 .15 .15 .16 .16 .16 .16 .16 .15 .15 .14
44 OOOO   0   0 .01 .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .11 .12 .14 .15 .17 .18 .20 .21 .21 .22 .22 .22 .21 .20 .19 .18
45 OOOO   0   0 .01 .01 .02 .03 .03 .04 .06 .07 .09 .10 .12 .14 .16 .18 .20 .22 .24 .26 .27 .28 .29 .29 .29 .28 .27 .26 .24
46 OOOO   0   0 .01 .02 .03 .03 .04 .06 .07 .09 .11 .13 .16 .18 .21 .24 .26 .29 .31 .33 .35 .36 .37 .37 .37 .36 .35 .33 .31
47 OOOO   0   0 .02 .02 .03 .04 .06 .07 .09 .12 .14 .17 .20 .23 .27 .30 .34 .37 .40 .42 .45 .46 .47 .47 .47 .46 .44 .42 .39
48 OOOO   0   0 .02 .03 .04 .06 .07 .09 .12 .15 .18 .21 .25 .29 .34 .38 .42 .46 .50 .53 .56 .58 .59 .60 .59 .58 .56 .53 .49
49 OOOO   0   0 .03 .04 .05 .07 .09 .12 .15 .18 .22 .27 .31 .36 .42 .47 .52 .57 .62 .66 .69 .72 .73 .74 .73 .71 .69 .65 .61
50 OOOO   0   0 .04 .05 .07 .09 .11 .14 .18 .22 .27 .32 .38 .44 .51 .57 .64 .70 .76 .81 .85 .88 .89 .90 .89 .87 .84 .80 .75
51 OOOO   0   0 .04 .06 .08 .11 .14 .17 .22 .27 .33 .39 .46 .53 .61 .69 .77 .84 .91 .97 1.0 1.0 1.0 1.0 1.0 1.0 1.0 .96 .90
52 OOOO   0   0 .05 .07 .10 .13 .16 .21 .26 .32 .39 .46 .55 .63 .73 .82 .91 1.0 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.1 1.0
53 OOOO   0   0 .06 .08 .11 .15 .19 .24 .30 .37 .45 .54 .64 .74 .85 .96 1.0 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.4 1.4 1.4 1.3 1.2
54 OOOO   0   0 .07 .10 .13 .17 .22 .28 .35 .43 .52 .62 .74 .85 .98 1.1 1.2 1.3 1.4 1.5 1.6 1.6 1.7 1.7 1.7 1.6 1.6 1.5 1.4
55 OOOO   0   0 .08 .11 .15 .19 .25 .32 .40 .49 .59 .71 .84 .97 1.1 1.2 1.4 1.5 1.6 1.7 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.7 1.6
56 OOOO   0   0 .09 .13 .17 .22 .28 .36 .45 .55 .67 .80 .94 1.0 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.1 2.2 2.2 2.2 2.1 2.0 1.9 1.8
57 OOOO   0   0 .10 .14 .18 .24 .31 .39 .49 .61 .74 .88 1.0 1.2 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.3 2.4 2.4 2.4 2.3 2.3 2.1 2.0
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58 OOOO   0   0 .11 .15 .20 .26 .34 .43 .54 .66 .80 .96 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.4 2.5 2.6 2.6 2.6 2.6 2.6 2.5 2.3 2.2
59 OOOO   0   0 .12 .16 .22 .28 .36 .46 .58 .71 .86 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.5 2.7 2.8 2.8 2.8 2.8 2.8 2.7 2.5 2.4
60 OOOO   0   0 .13 .17 .23 .30 .38 .49 .61 .75 .91 1.0 1.2 1.5 1.7 1.9 2.1 2.3 2.5 2.7 2.8 2.9 3.0 3.0 3.0 2.9 2.8 2.7 2.5
61 OOOO   0   0 .13 .18 .24 .31 .40 .51 .64 .78 .95 1.1 1.3 1.5 1.7 2.0 2.2 2.4 2.6 2.8 3.0 3.1 3.1 3.2 3.1 3.1 2.9 2.8 2.6
62 OOOO   0   0 .14 .18 .25 .32 .41 .52 .66 .81 .98 1.1 1.3 1.6 1.8 2.0 2.3 2.5 2.7 2.9 3.1 3.2 3.2 3.3 3.2 3.2 3.0 2.9 2.7
63 OOOO   0   0 .14 .19 .25 .33 .42 .53 .66 .82 1.0 1.1 1.4 1.6 1.8 2.1 2.3 2.5 2.8 2.9 3.1 3.2 3.3 3.3 3.3 3.2 3.1 2.9 2.7
64 OOOO   0   0 .14 .19 .25 .32 .42 .53 .66 .82 1.0 1.1 1.4 1.6 1.8 2.1 2.3 2.6 2.8 3.0 3.1 3.2 3.3 3.3 3.3 3.2 3.1 2.9 2.7
65 OOOO   0   0 .14 .18 .24 .32 .41 .52 .66 .81 .98 1.1 1.3 1.6 1.8 2.0 2.3 2.5 2.7 2.9 3.1 3.2 3.2 3.3 3.2 3.2 3.1 2.9 2.7
66 OOOO   0   0 .13 .18 .24 .31 .40 .51 .64 .79 .95 1.1 1.3 1.5 1.8 2.0 2.2 2.4 2.7 2.8 3.0 3.1 3.2 3.2 3.2 3.1 3.0 2.8 2.6
67 OOOO   0   0 .13 .17 .23 .30 .38 .49 .61 .75 .91 1.1 1.2 1.5 1.7 1.9 2.1 2.3 2.5 2.7 2.9 3.0 3.0 3.0 3.0 3.0 2.8 2.7 2.5
68 OOOO   0   0 .12 .16 .21 .28 .36 .46 .58 .71 .86 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.9 2.9 2.9 2.8 2.7 2.5 2.4
69 OOOO   0   0 .11 .15 .20 .26 .34 .43 .54 .66 .80 .96 1.1 1.3 1.5 1.7 1.9 2.1 2.2 2.4 2.5 2.6 2.7 2.7 2.7 2.6 2.5 2.4 2.2
70 OOOO   0   0 .10 .14 .18 .24 .31 .39 .49 .61 .74 .88 1.0 1.2 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.4 2.5 2.4 2.4 2.3 2.2 2.0
71 OOOO   0   0 .09 .12 .16 .22 .28 .35 .44 .55 .67 .80 .94 1.1 1.2 1.4 1.5 1.7 1.8 2.0 2.1 2.2 2.2 2.2 2.2 2.1 2.1 2.0 1.8
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .09 .08 .07 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01   0   0   00000
43  .13 .11 .10 .09 .08 .07 .06 .05 .04 .03 .02 .02 .01   0   0   00000
44  .17 .15 .14 .12 .10 .09 .08 .06 .05 .04 .03 .02 .02   0   0   00000
45  .22 .20 .18 .16 .14 .12 .10 .08 .07 .05 .04 .03 .02   0   0   00000
46  .29 .26 .23 .21 .18 .15 .13 .11 .09 .07 .06 .04 .03   0   0   00000
47  .36 .33 .30 .26 .23 .20 .17 .14 .11 .09 .07 .06 .04   0   0   00000
48  .46 .42 .37 .33 .29 .25 .21 .17 .14 .11 .09 .07 .05   0   0   00000
49  .57 .51 .46 .41 .36 .31 .26 .22 .18 .14 .11 .09 .07   0   0   00000
50  .69 .63 .56 .50 .43 .37 .32 .26 .22 .17 .14 .11 .08   0   0   00000
51  .83 .76 .68 .60 .52 .45 .38 .32 .26 .21 .17 .13 .10   0   0   00000
52  .99 .90 .81 .71 .62 .53 .45 .38 .31 .25 .20 .16 .12   0   0   00000
53  1.1 1.0 .94 .83 .73 .62 .53 .44 .36 .29 .23 .18 .14   0   0   00000
54  1.3 1.2 1.0 .96 .84 .72 .61 .51 .42 .34 .27 .21 .16   0   0   00000
55  1.5 1.3 1.2 1.0 .95 .82 .69 .58 .48 .39 .31 .24 .19   0   0   00000
56  1.7 1.5 1.3 1.2 1.0 .92 .78 .65 .53 .43 .34 .27 .21   0   0   00000
57  1.8 1.7 1.5 1.3 1.1 1.0 .86 .72 .59 .48 .38 .30 .23   0   0   00000
58  2.0 1.8 1.6 1.4 1.2 1.1 .94 .78 .64 .52 .42 .33 .25   0   0   00000
59  2.2 2.0 1.8 1.5 1.3 1.1 1.0 .84 .69 .56 .45 .35 .27   0   0   00000
60  2.3 2.1 1.9 1.6 1.4 1.2 1.0 .89 .73 .59 .47 .37 .29   0   0   00000
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61  2.4 2.2 2.0 1.7 1.5 1.3 1.1 .93 .76 .62 .49 .39 .30   0   0   0OOOO
62  2.5 2.3 2.0 1.8 1.5 1.3 1.1 .96 .79 .64 .51 .40 .31   0   0   0OOOO
63  2.5 2.3 2.0 1.8 1.6 1.3 1.1 .97 .80 .65 .52 .41 .31   0   0   0OOOO
64  2.5 2.3 2.0 1.8 1.6 1.3 1.1 .97 .80 .65 .52 .41 .31   0   0   0OOOO
65  2.5 2.3 2.0 1.8 1.5 1.3 1.1 .96 .79 .64 .51 .40 .31   0   0   0OOOO
66  2.4 2.2 2.0 1.7 1.5 1.3 1.1 .93 .77 .62 .49 .39 .30   0   0   0OOOO
67  2.3 2.1 1.9 1.7 1.4 1.2 1.0 .89 .73 .59 .47 .37 .29   0   0   0OOOO
68  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .84 .69 .56 .45 .35 .27   0   0   0OOOO
69  2.0 1.8 1.6 1.5 1.3 1.1 .94 .78 .64 .52 .41 .33 .25   0   0   0OOOO
70  1.9 1.7 1.5 1.3 1.1 1.0 .86 .72 .59 .48 .38 .30 .23   0   0   0OOOO
71  1.7 1.5 1.4 1.2 1.0 .93 .78 .65 .53 .43 .34 .27 .21   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .15 .27 .24 .10 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .61 2.2 3.9 3.4 1.5 .33 .03   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .61 4.4  16  29  26  11 2.4 .26 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .16 2.1  16  60 111  97  41 8.7 .98 .06   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .32 4.0  29 111 211 184  75  16 1.9 .17 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .44 4.2  27 100 188 166  71  17 2.5 .35 .04   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .61 3.7  17  54  94  86  43  14 3.3 .69 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .13 .86 4.0  14  33  52  52  33  15 4.6 1.0 .18 .02   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .15 .96 4.3  14  31  47  48  34  16 5.3 1.2 .22 .03   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .14 .81 3.5  11  25  39  40  28  13 4.4 1.1 .22 .04   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .56 2.2 6.7  15  23  24  17 8.3 3.0 .86 .21 .05 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .40 1.3 3.5 7.3  11  12 8.7 4.7 2.0 .74 .24 .07 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .11 .35 .99 2.2 4.2 6.0 6.5 5.3 3.4 1.7 .76 .28 .09 .02   +
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .03 .11 .35 .89 1.9 3.4 4.7 5.2 4.5 3.1 1.7 .79 .31 .11 .03 .01
22 OOOO   0   0   0   0   .   .   .   .   .   +   +   + .01 .03 .12 .33 .81 1.7 2.9 4.1 4.6 4.0 2.8 1.6 .79 .34 .13 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .12 .31 .72 1.4 2.4 3.3 3.7 3.3 2.4 1.4 .78 .37 .16 .06 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .05 .13 .31 .66 1.2 1.9 2.6 2.9 2.7 2.1 1.3 .80 .41 .19 .08 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .06 .15 .32 .64 1.1 1.7 2.3 2.5 2.4 1.9 1.3 .85 .47 .23 .11 .04
26 OOOO   0   .   .   .   .   .   .   +   +   +   + .01 .03 .07 .16 .34 .65 1.1 1.6 2.1 2.4 2.3 1.9 1.4 .91 .52 .27 .13 .06
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .17 .35 .64 1.0 1.5 2.0 2.3 2.2 1.9 1.4 .94 .56 .30 .15 .07
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .04 .08 .18 .35 .62 1.0 1.4 1.8 2.1 2.0 1.7 1.3 .94 .58 .33 .18 .09
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .02 .04 .09 .19 .35 .60 .94 1.3 1.6 1.8 1.8 1.6 1.3 .93 .60 .36 .21 .11
30 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .20 .35 .58 .89 1.2 1.5 1.7 1.7 1.5 1.2 .92 .63 .39 .23 .13
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .21 .36 .57 .85 1.1 1.4 1.5 1.6 1.4 1.2 .92 .65 .42 .26 .15
32 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .12 .21 .36 .56 .81 1.0 1.3 1.4 1.5 1.3 1.1 .92 .66 .44 .28 .17
33 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .07 .13 .22 .36 .54 .77 1.0 1.2 1.3 1.4 1.3 1.1 .90 .66 .46 .30 .18
34 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .13 .22 .35 .52 .73 .95 1.1 1.2 1.3 1.2 1.0 .87 .66 .47 .31 .20
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .14 .22 .34 .50 .69 .89 1.0 1.1 1.2 1.1 1.0 .84 .65 .47 .33 .22
36 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .05 .08 .14 .22 .34 .48 .65 .83 .98 1.0 1.1 1.0 .96 .81 .64 .48 .34 .23
37 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .14 .22 .33 .47 .62 .77 .91 1.0 1.0 1.0 .91 .78 .63 .48 .35 .24
38 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .09 .15 .22 .32 .45 .59 .73 .85 .94 .97 .94 .86 .75 .61 .48 .35 .25
39 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .32 .43 .56 .68 .79 .87 .90 .88 .82 .72 .59 .47 .36 .26
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .22 .31 .41 .53 .64 .74 .81 .84 .83 .77 .68 .58 .46 .36 .26
41 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .15 .21 .30 .39 .50 .60 .69 .75 .78 .77 .73 .65 .55 .45 .36 .27
42 OOOO   +   +   +   +   +   +   + .01 .01 .03 .04 .07 .10 .15 .21 .29 .37 .47 .56 .64 .70 .73 .72 .68 .62 .53 .44 .35 .27
43 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .10 .15 .21 .28 .36 .44 .53 .60 .65 .68 .68 .64 .59 .51 .43 .35 .27
44 OOOO   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .15 .20 .27 .34 .42 .50 .56 .61 .63 .63 .61 .56 .49 .42 .34 .27
45 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .15 .20 .26 .33 .40 .47 .52 .57 .59 .59 .57 .53 .47 .40 .33 .27
46 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .14 .19 .25 .31 .37 .44 .49 .53 .55 .56 .54 .50 .45 .39 .33 .26
47 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .14 .19 .24 .29 .35 .41 .46 .50 .52 .52 .50 .47 .43 .37 .32 .26
48 OOOO   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .10 .14 .18 .23 .28 .33 .39 .43 .46 .48 .49 .47 .45 .41 .36 .31 .26
49 OOOO   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .10 .13 .17 .22 .27 .31 .36 .40 .43 .45 .46 .44 .42 .39 .34 .30 .25
50 OOOO   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .10 .13 .17 .21 .25 .30 .34 .38 .40 .42 .43 .42 .40 .37 .33 .29 .24
51 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .10 .13 .16 .20 .24 .28 .32 .35 .38 .39 .40 .39 .37 .35 .31 .27 .23
52 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .12 .15 .19 .23 .26 .30 .33 .35 .37 .37 .37 .35 .33 .30 .26 .23
53 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .12 .15 .18 .21 .25 .28 .31 .33 .34 .35 .34 .33 .31 .28 .25 .22
54 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .14 .17 .20 .23 .26 .29 .31 .32 .32 .32 .31 .29 .27 .24 .21
55 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .16 .19 .22 .24 .27 .28 .30 .30 .30 .29 .27 .25 .23 .20
56 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .13 .15 .18 .20 .23 .25 .26 .28 .28 .28 .27 .26 .24 .21 .19
57 OOOO   +   +   +   +   + .01 .01 .02 .03 .03 .05 .06 .08 .10 .12 .14 .17 .19 .21 .23 .25 .26 .26 .26 .25 .24 .22 .20 .18
58 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .07 .09 .11 .13 .15 .18 .20 .21 .23 .24 .24 .24 .23 .22 .21 .19 .17
59 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .12 .14 .16 .18 .20 .21 .22 .22 .22 .21 .21 .19 .18 .16
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60 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .10 .11 .13 .15 .17 .18 .19 .20 .20 .20 .20 .19 .18 .16 .15
61 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .11 .12 .14 .15 .16 .17 .18 .19 .18 .18 .17 .16 .15 .14
62 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .04 .06 .07 .08 .10 .11 .12 .14 .15 .16 .16 .17 .17 .16 .16 .15 .14 .13
63 OOOO   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .14 .14 .15 .15 .15 .15 .14 .14 .13 .11
64 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .13 .14 .14 .13 .13 .12 .11 .10
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .12 .11 .10 .09
66 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
67 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .09 .08 .07
68 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
69 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .06 .06 .06
70 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
21    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .0000
29  .05 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
30  .07 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
32  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
33  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
34  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
35  .14 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .   .0000
36  .15 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   .0000
37  .16 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   +   .0000
38  .17 .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   +0000
39  .18 .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
40  .19 .13 .09 .06 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
41  .20 .14 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
42  .20 .14 .10 .07 .04 .03 .02 .01   +   +   +   +   +   +   +   +0000
43  .20 .15 .11 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
44  .21 .15 .11 .08 .05 .04 .02 .01 .01   +   +   +   +   +   +   +0000
45  .21 .16 .12 .08 .06 .04 .03 .02 .01   +   +   +   +   +   +   +0000
46  .21 .16 .12 .09 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
47  .21 .16 .12 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +0000
48  .21 .16 .13 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +0000
49  .20 .16 .13 .10 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
50  .20 .16 .13 .10 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
51  .20 .16 .13 .10 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +0000
52  .19 .16 .13 .10 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +0000
53  .18 .15 .12 .10 .08 .06 .04 .03 .02 .01 .01 .01   +   +   +   +0000
54  .18 .15 .12 .10 .08 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
55  .17 .14 .12 .10 .08 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
56  .16 .14 .12 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
57  .16 .13 .11 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
58  .15 .13 .11 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
59  .14 .12 .10 .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +0000
60  .13 .11 .10 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +0000
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61  .12 .10 .09 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
62  .11 .10 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
63  .10 .09 .08 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
64  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
65  .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
66  .07 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +OOOO
67  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
68  .06 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
69  .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
70  .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +OOOO
71  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4767.         1876.       27.15      0.0000E+00   2090.      0.0000E+00   13.50      0.200000E-02
  2        4782.         1877.      0.8226      0.0000E+00   2132.      0.0000E+00   13.50      0.200000E-02
  3        4782.         1877.      0.5417      0.0000E+00   2163.      0.0000E+00   13.50      0.200000E-02
  4        4782.         1877.      0.3946      0.0000E+00   2187.      0.0000E+00   13.50      0.200000E-02
  5        4782.         1877.      0.3108      0.0000E+00   2206.      0.0000E+00   13.50      0.200000E-02
  6        4782.         1877.      0.2548      0.0000E+00   2223.      0.0000E+00   13.50      0.200000E-02
  7        4782.         1877.      0.2154      0.0000E+00   2236.      0.0000E+00   13.50      0.200000E-02
  8        4782.         1877.      0.1852      0.0000E+00   2248.      0.0000E+00   13.50      0.200000E-02
  9        4782.         1877.      0.1615      0.0000E+00   2259.      0.0000E+00   13.50      0.200000E-02
 10        4651.         1868.       67.47      0.0000E+00   2268.      0.0000E+00   13.50      0.200000E-02
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .15 .27 .24 .10 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .61 2.2 3.9 3.4 1.5 .33 .03   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .61 4.4  16  29  26  11 2.4 .26 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .16 2.1  16  60 111  97  41 8.7 .98 .06   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .32 4.0  29 111 211 184  75  16 1.9 .17 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .44 4.2  27 100 188 166  71  17 2.5 .35 .04   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .61 3.7  17  54  94  86  43  14 3.3 .69 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .13 .86 4.0  14  33  52  52  33  15 4.6 1.0 .18 .02   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .15 .96 4.3  14  31  47  48  34  16 5.3 1.2 .22 .03   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .14 .81 3.5  11  25  39  40  28  13 4.4 1.1 .22 .04   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .56 2.2 6.7  15  23  24  17 8.3 3.0 .86 .21 .05 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .40 1.3 3.5 7.3  11  12 8.7 4.7 2.0 .74 .24 .07 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .11 .35 .99 2.2 4.2 6.0 6.5 5.3 3.4 1.7 .76 .28 .09 .02   +
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .03 .11 .35 .89 1.9 3.4 4.7 5.2 4.5 3.1 1.7 .79 .31 .11 .03 .01
22 OOOO   0   0   0   0   .   .   .   .   .   +   +   + .01 .03 .12 .33 .81 1.7 2.9 4.1 4.6 4.0 2.8 1.6 .79 .34 .13 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .12 .31 .72 1.4 2.4 3.3 3.7 3.3 2.4 1.4 .78 .37 .16 .06 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .05 .13 .31 .66 1.2 1.9 2.6 2.9 2.7 2.1 1.3 .80 .41 .19 .08 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .06 .15 .32 .64 1.1 1.7 2.3 2.5 2.4 1.9 1.3 .85 .47 .23 .11 .04
26 OOOO   0   .   .   .   .   .   .   +   +   +   + .01 .03 .07 .16 .34 .65 1.1 1.6 2.1 2.4 2.3 1.9 1.4 .91 .52 .27 .13 .06
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .17 .35 .64 1.0 1.5 2.0 2.3 2.2 1.9 1.4 .94 .56 .30 .15 .07
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .04 .08 .18 .35 .62 1.0 1.4 1.8 2.1 2.0 1.7 1.3 .94 .58 .33 .18 .09
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .02 .04 .09 .19 .35 .60 .94 1.3 1.6 1.8 1.8 1.6 1.3 .93 .60 .36 .21 .11
30 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .20 .35 .58 .89 1.2 1.5 1.7 1.7 1.5 1.2 .92 .63 .39 .23 .13
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .21 .36 .57 .85 1.1 1.4 1.5 1.6 1.4 1.2 .92 .65 .42 .26 .15
32 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .12 .21 .36 .56 .81 1.0 1.3 1.4 1.5 1.3 1.1 .92 .66 .44 .28 .17
33 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .07 .13 .22 .36 .54 .77 1.0 1.2 1.3 1.4 1.3 1.1 .90 .66 .46 .30 .18
34 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .13 .22 .35 .52 .73 .95 1.1 1.2 1.3 1.2 1.0 .87 .66 .47 .31 .20
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .14 .22 .34 .50 .69 .89 1.0 1.1 1.2 1.1 1.0 .84 .65 .47 .33 .22
36 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .05 .08 .14 .22 .34 .48 .65 .83 .98 1.0 1.1 1.0 .96 .81 .64 .48 .34 .23
37 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .14 .22 .33 .47 .62 .77 .91 1.0 1.0 1.0 .91 .78 .63 .48 .35 .24
38 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .09 .15 .22 .32 .45 .59 .73 .85 .94 .97 .94 .86 .75 .61 .48 .35 .25
39 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .32 .43 .56 .68 .79 .87 .90 .88 .82 .72 .59 .47 .36 .26
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .22 .31 .41 .53 .64 .74 .81 .84 .83 .77 .68 .58 .46 .36 .26
41 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .15 .21 .30 .39 .50 .60 .69 .75 .78 .77 .73 .65 .55 .45 .36 .27
42 OOOO   +   +   +   +   +   +   + .01 .01 .03 .04 .07 .10 .15 .21 .29 .37 .47 .56 .64 .70 .73 .72 .68 .62 .53 .44 .35 .27
43 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .10 .15 .21 .28 .36 .44 .53 .60 .65 .68 .68 .64 .59 .51 .43 .35 .27
44 OOOO   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .15 .20 .27 .34 .42 .50 .56 .61 .63 .63 .61 .56 .49 .42 .34 .27
45 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .15 .20 .26 .33 .40 .47 .52 .57 .59 .59 .57 .53 .47 .40 .33 .27
46 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .14 .19 .25 .31 .37 .44 .49 .53 .55 .56 .54 .50 .45 .39 .33 .26
47 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .14 .19 .24 .29 .35 .41 .46 .50 .52 .52 .50 .47 .43 .37 .32 .26
48 OOOO   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .10 .14 .18 .23 .28 .33 .39 .43 .46 .48 .49 .47 .45 .41 .36 .31 .26
49 OOOO   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .10 .13 .17 .22 .27 .31 .36 .40 .43 .45 .46 .44 .42 .39 .34 .30 .25
50 OOOO   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .10 .13 .17 .21 .25 .30 .34 .38 .40 .42 .43 .42 .40 .37 .33 .29 .24
51 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .10 .13 .16 .20 .24 .28 .32 .35 .38 .39 .40 .39 .37 .35 .31 .27 .23
52 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .12 .15 .19 .23 .26 .30 .33 .35 .37 .37 .37 .35 .33 .30 .26 .23
53 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .12 .15 .18 .21 .25 .28 .31 .33 .34 .35 .34 .33 .31 .28 .25 .22
54 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .14 .17 .20 .23 .26 .29 .31 .32 .32 .32 .31 .29 .27 .24 .21
55 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .16 .19 .22 .24 .27 .28 .30 .30 .30 .29 .27 .25 .23 .20
56 OOOO   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .13 .15 .18 .20 .23 .25 .26 .28 .28 .28 .27 .26 .24 .21 .19
57 OOOO   +   +   +   +   + .01 .01 .02 .03 .03 .05 .06 .08 .10 .12 .14 .17 .19 .21 .23 .25 .26 .26 .26 .25 .24 .22 .20 .18
58 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .07 .09 .11 .13 .15 .18 .20 .21 .23 .24 .24 .24 .23 .22 .21 .19 .17
59 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .12 .14 .16 .18 .20 .21 .22 .22 .22 .21 .21 .19 .18 .16
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60 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .10 .11 .13 .15 .17 .18 .19 .20 .20 .20 .20 .19 .18 .16 .15
61 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .11 .12 .14 .15 .16 .17 .18 .19 .18 .18 .17 .16 .15 .14
62 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .04 .06 .07 .08 .10 .11 .12 .14 .15 .16 .16 .17 .17 .16 .16 .15 .14 .13
63 OOOO   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .14 .14 .15 .15 .15 .15 .14 .14 .13 .11
64 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .13 .14 .14 .13 .13 .12 .11 .10
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .12 .11 .10 .09
66 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
67 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .09 .08 .07
68 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
69 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .06 .06 .06
70 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
21    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .0000
29  .05 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
30  .07 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
32  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
33  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
34  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
35  .14 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .   .0000
36  .15 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   .0000
37  .16 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   +   .0000
38  .17 .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   +0000
39  .18 .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
40  .19 .13 .09 .06 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
41  .20 .14 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
42  .20 .14 .10 .07 .04 .03 .02 .01   +   +   +   +   +   +   +   +0000
43  .20 .15 .11 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
44  .21 .15 .11 .08 .05 .04 .02 .01 .01   +   +   +   +   +   +   +0000
45  .21 .16 .12 .08 .06 .04 .03 .02 .01   +   +   +   +   +   +   +0000
46  .21 .16 .12 .09 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
47  .21 .16 .12 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +0000
48  .21 .16 .13 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +0000
49  .20 .16 .13 .10 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
50  .20 .16 .13 .10 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
51  .20 .16 .13 .10 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +0000
52  .19 .16 .13 .10 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +0000
53  .18 .15 .12 .10 .08 .06 .04 .03 .02 .01 .01 .01   +   +   +   +0000
54  .18 .15 .12 .10 .08 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
55  .17 .14 .12 .10 .08 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
56  .16 .14 .12 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
57  .16 .13 .11 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
58  .15 .13 .11 .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +0000
59  .14 .12 .10 .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +0000
60  .13 .11 .10 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +0000
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61  .12 .10 .09 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +  +OOOO
62  .11 .10 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +  +OOOO
63  .10 .09 .08 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +  +OOOO
64  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +  +OOOO
65  .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +  +OOOO
66  .07 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +  +OOOO
67  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +  +OOOO
68  .06 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +  +OOOO
69  .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +  +OOOO
70  .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +  +OOOO
71  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +  +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .04 .03 .01   +   +   .   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .09 .16 .14 .06 .01   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .16 .31 .27 .11 .02   +   +   .   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .15 .28 .25 .10 .02   +   +   .   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .08 .14 .12 .06 .02   +   +   +   .   .   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .05 .07 .07 .05 .02   +   +   +   .   .   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .04 .07 .07 .05 .02   +   +   +   .   .   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .05 .06 .04 .02   +   +   +   .   .   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .03 .03 .02 .01   +   +   +   .   .   .
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01 .01 .01   +   +   +   +   +   .   .
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
25 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
26 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
27 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
28 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
29 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
30 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
31 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
32 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 OOOO   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 OOOO   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 OOOO   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

```
60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
30    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
31    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
32    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
33    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
34    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
37    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
38    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
39    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
40    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
41    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   00000
42    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   00000
43    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
45    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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    BEGIN LONG TERM SIMULATION OF FATE OF Clumps




SUMMARY OF Clumps   DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     14639.



     COMPUTATIONS FOR Clumps   TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

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BOTTOM ACCUMULATION OF Clumps   (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 .24 .08   +   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .35 8.4  24 8.4 .35   +   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .02 4.1 101 290 101 4.1 .02   .   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .03 6.0 144 415 144 6.0 .03   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + 1.0  25  72  25 1.0   +   .   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .52 1.5 .57 .02   +   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .69 3.9 2.7 .23   +   .   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .07 3.8  22  15 1.2 .01   .   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .05 2.5  15  10 .83   +   .   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .20 1.1 .80 .06   +   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01   +   +   .   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF Clumps   ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .06 .02   +   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .25 .72 .25 .01   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .35 1.0 .35 .01   .   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .06 .17 .06   +   .   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   .   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .05 .03   +   .   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .02   +   .   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   .   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF copper


SUMMARY OF copper   DISTRIBUTIONS AFTER    1200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.7
```

```
SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        847.9         1600.      0.1048E+06  0.1001E+06   318.3      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    2400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.7
```

```
SMALL CLOUDS AT    2400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1206.         1625.      0.1871E+06  0.1825E+06   439.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    3600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.7
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .01 .02 .01 .01   +   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .05 .07 .08 .07 .05 .03 .01   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .16 .23 .25 .23 .16 .09 .04 .01   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .11 .25 .42 .59 .65 .59 .42 .25 .11 .04   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .09 .24 .51 .87 1.2 1.3 1.2 .87 .51 .24 .09   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .15 .40 .84 1.4 2.0 2.2 1.9 1.4 .84 .39 .15   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .20 .53 1.1 1.9 2.6 2.9 2.6 1.9 1.1 .53 .20   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .21 .57 1.2 2.0 2.8 3.1 2.8 2.0 1.2 .57 .21   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .18 .49 1.0 1.8 2.4 2.7 2.4 1.8 1.0 .49 .18   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .13 .34 .74 1.2 1.7 1.9 1.7 1.2 .73 .34 .13   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .19 .41 .71 .98 1.0 .98 .71 .41 .19 .07   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .09 .19 .32 .45 .50 .44 .32 .19 .08 .03   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .12 .16 .18 .16 .11 .07 .03 .01   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .01 .02 .03 .02 .01 .01   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .06 .08 .09 .08 .06 .03 .01   +   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .15 .21 .24 .21 .15 .09 .04 .01   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .08 .18 .32 .44 .49 .44 .32 .18 .08 .03   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .14 .31 .53 .73 .82 .73 .53 .31 .14 .05   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .19 .41 .71 .98 1.0 .98 .71 .41 .19 .07   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .21 .44 .76 1.0 1.1 1.0 .76 .44 .21 .08   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .18 .39 .66 .92 1.0 .92 .66 .38 .18 .07   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .12 .27 .46 .64 .71 .64 .46 .27 .12 .04   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .15 .26 .36 .40 .36 .26 .15 .07 .02   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .12 .16 .18 .16 .12 .07 .03 .01   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .04 .06 .06 .06 .04 .02 .01   +   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1563.         1650.      0.3217E+06  0.3170E+06   573.9      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    4800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.7
```

```
SMALL CLOUDS AT    4800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1921.         1675.      0.5097E+06  0.5050E+06   721.1      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    6000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.8
```

```
SMALL CLOUDS AT    6000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD        DISTANCE FROM           DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2278.         1700.      0.7605E+06  0.7559E+06   880.0      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    7200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4668.8
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .05 .07 .10 .13 .15 .17 .17 .17 .15 .13 .10 .08 .05 .03
26 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .11 .15 .21 .26 .30 .34 .35 .34 .31 .26 .21 .15 .11 .07
27 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .13 .20 .29 .39 .48 .57 .63 .65 .63 .57 .49 .39 .29 .20 .13
28 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .23 .35 .51 .68 .85 1.0 1.1 1.1 1.1 1.0 .85 .68 .51 .36 .23
29 OOOO   0   0   0   0   0   0   0   0   0   0 .03 .07 .13 .23 .38 .58 .83 1.1 1.3 1.6 1.8 1.8 1.8 1.6 1.3 1.1 .83 .58 .38
30 OOOO   0   0   0   0   0   0   0   0   0   0 .05 .11 .21 .36 .59 .89 1.2 1.7 2.1 2.5 2.7 2.8 2.7 2.5 2.1 1.7 1.2 .90 .59
31 OOOO   0   0   0   0   0   0   0   0   0   0 .08 .16 .30 .52 .84 1.2 1.8 2.4 3.0 3.5 3.9 4.0 3.9 3.6 3.0 2.4 1.8 1.2 .85
32 OOOO   0   0   0   0   0   0   0   0   0   0 .11 .22 .40 .70 1.1 1.7 2.4 3.2 4.1 4.8 5.3 5.5 5.3 4.8 4.1 3.3 2.4 1.7 1.1
33 OOOO   0   0   0   0   0   0   0   0   0   0 .14 .28 .51 .89 1.4 2.1 3.1 4.1 5.2 6.1 6.7 6.9 6.7 6.1 5.2 4.1 3.1 2.2 1.4
34 OOOO   0   0   0   0   0   0   0   0   0   0 .16 .33 .61 1.0 1.7 2.5 3.6 4.9 6.1 7.2 7.9 8.2 8.0 7.2 6.1 4.9 3.7 2.6 1.7
35 OOOO   0   0   0   0   0   0   0   0   0   0 .18 .36 .68 1.1 1.9 2.8 4.1 5.4 6.8 8.0 8.8 9.1 8.8 8.0 6.8 5.5 4.1 2.9 1.9
36 OOOO   0   0   0   0   0   0   0   0   0   0 .19 .38 .70 1.2 1.9 3.0 4.2 5.7 7.1 8.4 9.2  10 9.2 8.4 7.1 5.7 4.3 3.0 1.9
37 OOOO   0   0   0   0   0   0   0   0   0   0 .19 .37 .69 1.1 1.9 2.9 4.1 5.5 6.9 8.2 9.0 9.3 9.0 8.2 7.0 5.6 4.2 2.9 1.9
38 OOOO   0   0   0   0   0   0   0   0   0   0 .17 .34 .63 1.0 1.7 2.6 3.8 5.1 6.4 7.5 8.3 8.5 8.3 7.5 6.4 5.1 3.8 2.7 1.7
39 OOOO   0   0   0   0   0   0   0   0   0   0 .15 .29 .54 .94 1.5 2.3 3.2 4.4 5.5 6.4 7.1 7.3 7.1 6.4 5.5 4.4 3.3 2.3 1.5
40 OOOO   0   0   0   0   0   0   0   0   0   0 .12 .23 .44 .76 1.2 1.8 2.6 3.5 4.4 5.2 5.7 5.9 5.7 5.2 4.4 3.5 2.6 1.8 1.2
41 OOOO   0   0   0   0   0   0   0   0   0   0 .09 .18 .33 .57 .93 1.4 2.0 2.6 3.3 3.9 4.3 4.4 4.3 3.9 3.3 2.6 2.0 1.4 .93
42 OOOO   0   0   0   0   0   0   0   0   0   0 .06 .12 .23 .40 .66 1.0 1.4 1.9 2.3 2.8 3.0 3.1 3.0 2.8 2.3 1.9 1.4 1.0 .66
43 OOOO   0   0   0   0   0   0   0   0   0   0 .04 .08 .15 .27 .43 .66 .94 1.2 1.5 1.8 2.0 2.1 2.0 1.8 1.5 1.2 .95 .67 .44
44 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .16 .27 .41 .59 .79 .99 1.1 1.2 1.3 1.2 1.1 .99 .79 .59 .41 .27
45 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .09 .16 .24 .34 .46 .57 .68 .74 .77 .75 .68 .58 .46 .34 .24 .16
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .04   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .08   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .71   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .89   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  1.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  1.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  1.2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  1.2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  1.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .94   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .76   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .57   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .09   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .02 .01
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .05 .07 .09 .11 .12 .13 .12 .11 .09 .07 .05 .04 .02
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .05 .07 .10 .14 .18 .21 .23 .24 .23 .21 .18 .14 .10 .07 .05
28 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .08 .13 .18 .25 .31 .37 .40 .42 .40 .37 .31 .25 .18 .13 .08
29 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .05 .08 .14 .21 .30 .41 .51 .60 .66 .68 .66 .60 .51 .41 .30 .21 .14
30 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .07 .13 .21 .33 .47 .62 .78 .92 1.0 1.0 1.0 .92 .79 .63 .47 .33 .21
31 OOOO   0   0   0   0   0   0   0   0   0   0 .03 .06 .11 .19 .31 .47 .67 .90 1.1 1.3 1.4 1.5 1.4 1.3 1.1 .90 .68 .47 .31
32 OOOO   0   0   0   0   0   0   0   0   0   0 .04 .08 .15 .26 .42 .64 .91 1.2 1.5 1.7 1.9 2.0 1.9 1.7 1.5 1.2 .91 .64 .42
33 OOOO   0   0   0   0   0   0   0   0   0   0 .05 .10 .19 .32 .53 .80 1.1 1.5 1.9 2.2 2.4 2.5 2.4 2.2 1.9 1.5 1.1 .81 .53
34 OOOO   0   0   0   0   0   0   0   0   0   0 .06 .12 .22 .39 .63 .95 1.3 1.8 2.2 2.6 2.9 3.0 2.9 2.6 2.2 1.8 1.3 .96 .63
35 OOOO   0   0   0   0   0   0   0   0   0   0 .06 .13 .25 .43 .70 1.0 1.5 2.0 2.5 2.9 3.2 3.3 3.2 2.9 2.5 2.0 1.5 1.0 .70
36 OOOO   0   0   0   0   0   0   0   0   0   0 .07 .14 .26 .45 .73 1.1 1.5 2.1 2.6 3.1 3.4 3.5 3.4 3.1 2.6 2.1 1.5 1.1 .73
37 OOOO   0   0   0   0   0   0   0   0   0   0 .07 .13 .25 .44 .71 1.0 1.5 2.0 2.5 3.0 3.3 3.4 3.3 3.0 2.5 2.0 1.5 1.0 .72
38 OOOO   0   0   0   0   0   0   0   0   0   0 .06 .12 .23 .40 .65 .99 1.4 1.8 2.3 2.7 3.0 3.1 3.0 2.7 2.3 1.9 1.4 1.0 .66
39 OOOO   0   0   0   0   0   0   0   0   0   0 .05 .10 .20 .34 .56 .85 1.2 1.6 2.0 2.3 2.6 2.7 2.6 2.3 2.0 1.6 1.2 .86 .56
40 OOOO   0   0   0   0   0   0   0   0   0   0 .04 .08 .16 .28 .45 .69 .98 1.3 1.6 1.9 2.1 2.1 2.1 1.9 1.6 1.3 .98 .69 .45
41 OOOO   0   0   0   0   0   0   0   0   0   0 .03 .06 .12 .21 .34 .52 .74 .99 1.2 1.4 1.6 1.6 1.6 1.4 1.2 .99 .74 .52 .34
42 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .24 .37 .52 .70 .88 1.0 1.1 1.1 1.1 1.0 .88 .70 .52 .37 .24
43 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .10 .16 .24 .35 .46 .58 .68 .75 .78 .75 .69 .58 .47 .35 .24 .16
44 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .01 .03 .06 .10 .15 .21 .29 .36 .42 .47 .48 .47 .43 .36 .29 .21 .15 .10
45 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .05 .08 .12 .17 .21 .25 .27 .28 .27 .25 .21 .17 .12 .09 .05
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .08   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2636.         1726.      0.1084E+07  0.1079E+07   1050.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    8400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.5
```

```
SMALL CLOUDS AT    8400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2994.         1751.      0.1488E+07  0.1484E+07   1230.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    9600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.5
```

```
SMALL CLOUDS AT    9600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3351.         1776.      0.1984E+07  0.1980E+07   1420.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER   10800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.5
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .12 .14 .15 .15 .16 .15 .15 .14 .12 .11 .09
36 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .17 .19 .21 .22 .23 .24 .23 .22 .21 .19 .17 .14
37 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .09 .11 .14 .18 .21 .24 .28 .30 .33 .34 .35 .34 .33 .31 .28 .25 .21
38 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .09 .12 .16 .20 .25 .30 .35 .39 .43 .47 .49 .49 .49 .47 .44 .40 .35 .30
39 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .13 .17 .22 .28 .35 .42 .48 .55 .60 .64 .67 .68 .67 .65 .60 .55 .49 .42
40 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .13 .17 .23 .30 .38 .47 .56 .65 .74 .81 .87 .90 .92 .90 .87 .81 .74 .65 .56
41 OOOO   0   0   0   0   0   0 .03 .05 .08 .12 .17 .23 .31 .40 .50 .62 .74 .85 .97 1.0 1.1 1.1 1.2 1.1 1.1 1.0 .97 .86 .74
42 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .29 .39 .51 .64 .79 .94 1.0 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .94
43 OOOO   0   0   0   0   0   0 .05 .09 .13 .19 .27 .37 .49 .63 .79 .97 1.1 1.3 1.5 1.6 1.8 1.8 1.9 1.8 1.8 1.6 1.5 1.3 1.1
44 OOOO   0   0   0   0   0   0 .07 .10 .16 .23 .32 .44 .59 .76 .96 1.1 1.4 1.6 1.8 2.0 2.1 2.2 2.2 2.2 2.1 2.0 1.8 1.6 1.4
45 OOOO   0   0   0   0   0   0 .08 .12 .19 .27 .38 .52 .69 .90 1.1 1.3 1.6 1.9 2.1 2.3 2.5 2.6 2.6 2.6 2.5 2.3 2.1 1.9 1.6
46 OOOO   0   0   0   0   0   0 .09 .14 .21 .31 .43 .59 .79 1.0 1.2 1.5 1.8 2.1 2.4 2.7 2.9 3.0 3.0 3.0 2.9 2.7 2.4 2.2 1.8
47 OOOO   0   0   0   0   0   0 .10 .16 .24 .34 .48 .66 .88 1.1 1.4 1.7 2.1 2.4 2.7 3.0 3.2 3.3 3.4 3.3 3.2 3.0 2.7 2.4 2.1
48 OOOO   0   0   0   0   0   0 .11 .17 .26 .37 .52 .72 .95 1.2 1.5 1.9 2.2 2.6 2.9 3.2 3.5 3.6 3.7 3.6 3.5 3.2 2.9 2.6 2.2
49 OOOO   0   0   0   0   0   0 .12 .18 .27 .39 .55 .76 1.0 1.3 1.6 2.0 2.3 2.7 3.1 3.4 3.7 3.8 3.9 3.8 3.7 3.4 3.1 2.7 2.4
50 OOOO   0   0   0   0   0   0 .12 .19 .28 .40 .57 .78 1.0 1.3 1.6 2.0 2.4 2.8 3.2 3.5 3.7 3.9 4.0 3.9 3.8 3.5 3.2 2.8 2.4
51 OOOO   0   0   0   0   0   0 .12 .19 .28 .40 .57 .77 1.0 1.3 1.6 2.0 2.4 2.8 3.2 3.5 3.7 3.9 4.0 3.9 3.7 3.5 3.2 2.8 2.4
52 OOOO   0   0   0   0   0   0 .12 .18 .27 .39 .55 .75 1.0 1.3 1.6 2.0 2.3 2.7 3.1 3.4 3.6 3.8 3.8 3.8 3.6 3.4 3.1 2.7 2.4
53 OOOO   0   0   0   0   0   0 .11 .17 .26 .37 .52 .71 .95 1.2 1.5 1.8 2.2 2.6 2.9 3.2 3.4 3.6 3.6 3.6 3.4 3.2 2.9 2.6 2.2
54 OOOO   0   0   0   0   0   0 .10 .16 .23 .34 .48 .66 .87 1.1 1.4 1.7 2.0 2.4 2.7 3.0 3.2 3.3 3.3 3.3 3.2 3.0 2.7 2.4 2.0
55 OOOO   0   0   0   0   0   0 .09 .14 .21 .30 .43 .59 .78 1.0 1.2 1.5 1.8 2.1 2.4 2.6 2.8 2.9 3.0 3.0 2.8 2.6 2.4 2.1 1.8
56 OOOO   0   0   0   0   0   0 .08 .12 .18 .27 .37 .51 .68 .88 1.1 1.3 1.6 1.8 2.1 2.3 2.5 2.6 2.6 2.6 2.5 2.3 2.1 1.8 1.6
57 OOOO   0   0   0   0   0   0 .07 .10 .15 .22 .32 .43 .58 .75 .94 1.1 1.3 1.6 1.8 1.9 2.1 2.2 2.2 2.2 2.1 1.9 1.8 1.6 1.3
```

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58 OOOO   0   0   0   0   0   0 .05 .08 .13 .18 .26 .36 .48 .62 .78 .95 1.1 1.3 1.4 1.6 1.7 1.8 1.8 1.8 1.7 1.6 1.5 1.3 1.1
59 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .29 .38 .50 .63 .77 .92 1.0 1.2 1.3 1.4 1.4 1.5 1.4 1.4 1.3 1.2 1.0 .92
60 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .22 .30 .39 .49 .60 .72 .83 .94 1.0 1.1 1.1 1.1 1.1 1.1 1.0 .94 .84 .72
61 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .12 .17 .23 .29 .37 .46 .54 .63 .72 .79 .84 .88 .89 .88 .84 .79 .72 .64 .55
62 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .17 .22 .27 .34 .40 .47 .53 .58 .62 .65 .66 .65 .63 .58 .53 .47 .41
63 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .09 .12 .16 .20 .24 .29 .34 .38 .42 .45 .47 .48 .47 .45 .42 .38 .34 .29
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .08 .06 .05 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
36  .12 .10 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0   00000
37  .18 .14 .11 .09 .06 .05 .03   0   0   0   0   0   0   0   0   00000
38  .25 .21 .16 .12 .09 .07 .05   0   0   0   0   0   0   0   0   00000
39  .35 .29 .23 .17 .13 .09 .07   0   0   0   0   0   0   0   0   00000
40  .47 .39 .31 .24 .18 .13 .09   0   0   0   0   0   0   0   0   00000
41  .62 .51 .40 .31 .23 .17 .12   0   0   0   0   0   0   0   0   00000
42  .79 .64 .51 .39 .30 .22 .15   0   0   0   0   0   0   0   0   00000
43  .98 .80 .64 .49 .37 .27 .19   0   0   0   0   0   0   0   0   00000
44  1.1 .97 .77 .59 .45 .33 .23   0   0   0   0   0   0   0   0   00000
45  1.3 1.1 .90 .70 .52 .38 .27   0   0   0   0   0   0   0   0   00000
46  1.5 1.3 1.0 .80 .60 .44 .31   0   0   0   0   0   0   0   0   00000
47  1.7 1.4 1.1 .89 .67 .49 .35   0   0   0   0   0   0   0   0   00000
48  1.9 1.5 1.2 .96 .72 .53 .38   0   0   0   0   0   0   0   0   00000
49  2.0 1.6 1.3 1.0 .76 .56 .40   0   0   0   0   0   0   0   0   00000
50  2.0 1.6 1.3 1.0 .78 .57 .41   0   0   0   0   0   0   0   0   00000
51  2.0 1.6 1.3 1.0 .78 .57 .41   0   0   0   0   0   0   0   0   00000
52  2.0 1.6 1.3 1.0 .76 .56 .40   0   0   0   0   0   0   0   0   00000
53  1.9 1.5 1.2 .95 .72 .53 .37   0   0   0   0   0   0   0   0   00000
54  1.7 1.4 1.1 .88 .66 .48 .34   0   0   0   0   0   0   0   0   00000
55  1.5 1.2 1.0 .79 .59 .43 .31   0   0   0   0   0   0   0   0   00000
56  1.3 1.1 .89 .69 .52 .38 .27   0   0   0   0   0   0   0   0   00000
57  1.1 .95 .75 .58 .44 .32 .23   0   0   0   0   0   0   0   0   00000
58  .96 .78 .62 .48 .36 .26 .19   0   0   0   0   0   0   0   0   00000
59  .77 .63 .50 .39 .29 .21 .15   0   0   0   0   0   0   0   0   00000
60  .60 .49 .39 .30 .23 .16 .12   0   0   0   0   0   0   0   0   00000
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61  .46 .37 .30 .23 .17 .12 .09   0   0   0   0   0   0   0   0   0OOOO
62  .34 .28 .22 .17 .13 .09 .06   0   0   0   0   0   0   0   0   0OOOO
63  .24 .20 .16 .12 .09 .06 .04   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04 .03
36 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .08 .08 .08 .08 .08 .07 .07 .06 .05
37 OOOO   0   0   0   0   0   0   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .12 .12 .12 .12 .11 .10 .09 .07
38 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .14 .16 .17 .18 .18 .18 .17 .16 .14 .13 .11
39 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .06 .08 .10 .13 .15 .18 .20 .22 .24 .25 .25 .25 .24 .22 .20 .18 .15
40 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .11 .14 .17 .20 .24 .27 .30 .32 .33 .34 .33 .32 .30 .27 .24 .21
41 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .18 .22 .27 .31 .35 .39 .42 .43 .44 .43 .42 .39 .35 .31 .27
42 OOOO   0   0   0   0   0   0 .01 .02 .04 .05 .08 .11 .14 .18 .23 .29 .34 .40 .45 .50 .53 .55 .56 .55 .53 .50 .45 .40 .34
43 OOOO   0   0   0   0   0   0 .02 .03 .04 .07 .10 .13 .18 .23 .29 .36 .43 .50 .56 .62 .66 .69 .70 .69 .66 .62 .56 .50 .43
44 OOOO   0   0   0   0   0   0 .02 .04 .05 .08 .12 .16 .21 .28 .35 .43 .52 .60 .68 .75 .80 .83 .84 .83 .80 .75 .68 .60 .52
45 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .14 .19 .25 .33 .41 .51 .61 .70 .80 .88 .94 .98 .99 .98 .94 .88 .80 .71 .61
46 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .22 .29 .38 .47 .58 .69 .81 .91 1.0 1.0 1.1 1.1 1.1 1.0 1.0 .91 .81 .70
47 OOOO   0   0   0   0   0   0 .03 .06 .08 .12 .18 .24 .32 .42 .53 .65 .77 .90 1.0 1.1 1.1 1.2 1.2 1.2 1.2 1.1 1.0 .90 .78
48 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .19 .26 .35 .45 .57 .70 .84 .97 1.1 1.2 1.2 1.3 1.3 1.3 1.2 1.2 1.1 .98 .84
49 OOOO   0   0   0   0   0   0 .04 .06 .10 .14 .20 .28 .37 .48 .60 .74 .88 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .89
50 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .28 .38 .49 .62 .76 .90 1.0 1.1 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.1 1.0 .91
51 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .28 .38 .49 .62 .76 .90 1.0 1.1 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.1 1.0 .91
52 OOOO   0   0   0   0   0   0 .04 .06 .10 .14 .20 .28 .37 .48 .60 .74 .88 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .88
53 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .19 .26 .35 .45 .57 .70 .83 .96 1.0 1.2 1.2 1.3 1.3 1.3 1.2 1.2 1.0 .97 .83
54 OOOO   0   0   0   0   0   0 .03 .05 .08 .12 .17 .24 .32 .41 .52 .64 .76 .89 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 .89 .77
55 OOOO   0   0   0   0   0   0 .03 .05 .07 .11 .16 .21 .29 .37 .47 .57 .69 .80 .90 .99 1.0 1.1 1.1 1.1 1.0 .99 .90 .80 .69
56 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .19 .25 .32 .41 .50 .60 .69 .78 .86 .92 .96 .98 .96 .93 .86 .79 .70 .60
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57 OOOO   0   0   0   0   0   0 .02 .03 .05 .08 .11 .16 .21 .27 .35 .42 .51 .59 .67 .73 .78 .82 .83 .82 .79 .73 .67 .59 .51
58 OOOO   0   0   0   0   0   0 .02 .03 .04 .07 .09 .13 .17 .23 .28 .35 .42 .49 .55 .60 .65 .67 .68 .67 .65 .61 .55 .49 .42
59 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .14 .18 .23 .28 .34 .39 .44 .49 .52 .54 .55 .54 .52 .49 .44 .39 .34
60 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .18 .22 .26 .30 .34 .38 .41 .42 .43 .42 .41 .38 .35 .31 .26
61 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .11 .13 .17 .20 .23 .26 .29 .31 .32 .33 .32 .31 .29 .26 .23 .20
62 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .17 .19 .21 .23 .24 .24 .24 .23 .21 .19 .17 .15
63 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .15 .16 .17 .17 .17 .16 .15 .14 .12 .10
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .03 .02 .01 .01 .01   +   +   0   0   0   0   0   0   0   0   00000
36  .04 .03 .02 .02 .01 .01   +   0   0   0   0   0   0   0   0   00000
37  .06 .05 .04 .03 .02 .01 .01   0   0   0   0   0   0   0   0   00000
38  .09 .07 .06 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
39  .13 .10 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0   00000
40  .17 .14 .11 .08 .06 .04 .03   0   0   0   0   0   0   0   0   00000
41  .23 .18 .14 .11 .08 .06 .04   0   0   0   0   0   0   0   0   00000
42  .29 .24 .19 .14 .11 .08 .05   0   0   0   0   0   0   0   0   00000
43  .36 .29 .23 .18 .13 .10 .07   0   0   0   0   0   0   0   0   00000
44  .43 .35 .28 .22 .16 .12 .08   0   0   0   0   0   0   0   0   00000
45  .51 .42 .33 .25 .19 .14 .10   0   0   0   0   0   0   0   0   00000
46  .58 .48 .38 .29 .22 .16 .11   0   0   0   0   0   0   0   0   00000
47  .65 .53 .42 .32 .24 .18 .13   0   0   0   0   0   0   0   0   00000
48  .70 .57 .46 .35 .26 .19 .14   0   0   0   0   0   0   0   0   00000
49  .74 .61 .48 .37 .28 .20 .14   0   0   0   0   0   0   0   0   00000
50  .76 .62 .49 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
51  .76 .62 .49 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
52  .74 .60 .48 .37 .28 .20 .14   0   0   0   0   0   0   0   0   00000
53  .70 .57 .45 .35 .26 .19 .14   0   0   0   0   0   0   0   0   00000
54  .64 .53 .42 .32 .24 .18 .12   0   0   0   0   0   0   0   0   00000
55  .58 .47 .37 .29 .22 .16 .11   0   0   0   0   0   0   0   0   00000
56  .50 .41 .33 .25 .19 .14 .10   0   0   0   0   0   0   0   0   00000
57  .43 .35 .28 .21 .16 .11 .08   0   0   0   0   0   0   0   0   00000
58  .35 .29 .23 .17 .13 .09 .07   0   0   0   0   0   0   0   0   00000
59  .28 .23 .18 .14 .10 .07 .05   0   0   0   0   0   0   0   0   00000
60  .22 .18 .14 .11 .08 .06 .04   0   0   0   0   0   0   0   0   00000
```

```
61  .17 .14 .11 .08 .06 .04 .03   0   0   0   0   0   0   0   0   0OOOO
62  .12 .10 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0   0OOOO
63  .09 .07 .05 .04 .03 .02 .01   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.      0.2581E+07  0.2576E+07   1619.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   12000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.2
```

```
SMALL CLOUDS AT   12000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4066.         1826.      0.3287E+07  0.3283E+07   1827.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   13200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.2
```

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SMALL CLOUDS AT   13200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4424.         1852.      0.4114E+07  0.4109E+07   2043.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER   14400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     4662.0
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .09 .09 .10 .10 .10 .10 .10 .09 .09 .08
45 OOOO   0   0   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .11 .12 .13 .13 .13 .14 .13 .13 .13 .12 .11
46 OOOO   0   0   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .09 .10 .11 .13 .14 .15 .16 .17 .17 .18 .18 .18 .17 .17 .16 .15
47 OOOO   0   0 .01 .01 .01 .02 .03 .04 .04 .06 .07 .08 .10 .11 .13 .15 .16 .18 .19 .21 .22 .22 .23 .23 .23 .22 .22 .21 .19
48 OOOO   0   0 .01 .01 .02 .03 .04 .05 .06 .07 .09 .11 .12 .14 .17 .19 .21 .23 .25 .26 .27 .28 .29 .29 .29 .28 .28 .26 .25
49 OOOO   0   0 .01 .02 .03 .03 .05 .06 .07 .09 .11 .13 .16 .18 .21 .23 .26 .29 .31 .33 .34 .36 .36 .37 .36 .36 .35 .33 .31
50 OOOO   0   0 .02 .02 .03 .04 .06 .07 .09 .11 .14 .17 .19 .23 .26 .29 .32 .35 .38 .41 .43 .44 .45 .45 .45 .44 .43 .41 .38
51 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .14 .17 .20 .24 .27 .31 .35 .39 .43 .46 .49 .52 .54 .55 .55 .55 .54 .52 .50 .47
52 OOOO   0   0 .03 .04 .05 .07 .09 .11 .14 .17 .20 .24 .29 .33 .38 .43 .47 .52 .56 .59 .62 .65 .66 .66 .66 .65 .63 .60 .56
53 OOOO   0   0 .03 .05 .06 .08 .10 .13 .16 .20 .24 .29 .34 .39 .45 .50 .56 .61 .66 .70 .74 .77 .78 .79 .78 .77 .74 .71 .66
54 OOOO   0   0 .04 .05 .07 .09 .12 .15 .19 .23 .28 .34 .40 .46 .52 .59 .65 .72 .77 .82 .86 .89 .91 .92 .91 .90 .87 .83 .78
55 OOOO   0   0 .05 .06 .08 .11 .14 .18 .22 .27 .33 .39 .46 .53 .60 .68 .75 .83 .89 .95 1.0 1.0 1.0 1.0 1.0 1.0 1.0 .95 .89
56 OOOO   0   0 .05 .07 .10 .12 .16 .20 .25 .31 .37 .44 .52 .60 .69 .77 .86 .94 1.0 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 1.0
57 OOOO   0   0 .06 .08 .11 .14 .18 .23 .28 .35 .42 .50 .58 .67 .77 .87 .96 1.0 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.2 1.1
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58 OOOO   0   0 .07 .09 .12 .16 .20 .25 .31 .38 .46 .55 .64 .75 .85 .96 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.3 1.2
59 OOOO   0   0 .07 .10 .13 .17 .22 .27 .34 .42 .50 .60 .70 .81 .93 1.0 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.5 1.5 1.4 1.3
60 OOOO   0   0 .08 .11 .14 .18 .23 .30 .37 .45 .54 .64 .76 .87 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.7 1.7 1.7 1.7 1.6 1.5 1.4
61 OOOO   0   0 .08 .11 .15 .19 .25 .31 .39 .48 .57 .68 .80 .93 1.0 1.1 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.6 1.5
62 OOOO   0   0 .09 .12 .16 .20 .26 .33 .41 .50 .60 .72 .84 .97 1.1 1.2 1.3 1.5 1.6 1.7 1.8 1.8 1.9 1.9 1.9 1.8 1.8 1.7 1.6
63 OOOO   0   0 .09 .12 .16 .21 .27 .34 .42 .51 .62 .74 .87 1.0 1.1 1.2 1.4 1.5 1.6 1.7 1.8 1.9 1.9 2.0 1.9 1.9 1.8 1.7 1.6
64 OOOO   0   0 .09 .12 .16 .21 .27 .34 .43 .52 .63 .75 .88 1.0 1.1 1.3 1.4 1.5 1.7 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.9 1.8 1.7
65 OOOO   0   0 .09 .13 .17 .21 .27 .35 .43 .53 .63 .75 .88 1.0 1.1 1.3 1.4 1.5 1.7 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.9 1.8 1.7
66 OOOO   0   0 .09 .12 .16 .21 .27 .34 .42 .52 .63 .75 .87 1.0 1.1 1.3 1.4 1.5 1.7 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.9 1.8 1.7
67 OOOO   0   0 .09 .12 .16 .21 .27 .33 .41 .51 .61 .73 .85 .99 1.1 1.2 1.4 1.5 1.6 1.7 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.7 1.6
68 OOOO   0   0 .09 .12 .15 .20 .26 .32 .40 .49 .59 .70 .82 .95 1.0 1.2 1.3 1.4 1.6 1.7 1.7 1.8 1.8 1.9 1.8 1.8 1.7 1.7 1.6
69 OOOO   0   0 .08 .11 .15 .19 .24 .31 .38 .46 .56 .67 .78 .90 1.0 1.1 1.2 1.4 1.5 1.6 1.6 1.7 1.7 1.8 1.7 1.7 1.7 1.6 1.5
70 OOOO   0   0 .08 .10 .14 .18 .23 .29 .35 .43 .52 .62 .73 .85 .96 1.0 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.5 1.4
71 OOOO   0   0 .07 .09 .13 .16 .21 .26 .33 .40 .48 .58 .67 .78 .89 1.0 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.4 1.4 1.3
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .08 .07 .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   00000
45  .10 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .01 .01   0   0   00000
46  .14 .13 .11 .10 .09 .07 .06 .05 .04 .03 .03 .02 .01   0   0   00000
47  .18 .16 .15 .13 .11 .10 .08 .07 .06 .05 .04 .03 .02   0   0   00000
48  .23 .21 .19 .17 .15 .13 .11 .09 .07 .06 .05 .04 .03   0   0   00000
49  .29 .26 .24 .21 .18 .16 .13 .11 .09 .07 .06 .05 .04   0   0   00000
50  .35 .32 .29 .26 .23 .20 .17 .14 .11 .09 .07 .06 .04   0   0   00000
51  .43 .39 .36 .32 .28 .24 .20 .17 .14 .11 .09 .07 .06   0   0   00000
52  .52 .47 .43 .38 .33 .29 .24 .21 .17 .14 .11 .09 .07   0   0   00000
53  .62 .56 .51 .45 .40 .34 .29 .24 .20 .16 .13 .10 .08   0   0   00000
54  .72 .66 .59 .53 .46 .40 .34 .29 .24 .19 .16 .12 .10   0   0   00000
55  .83 .76 .68 .61 .53 .46 .39 .33 .27 .22 .18 .14 .11   0   0   00000
56  .94 .86 .78 .69 .61 .52 .45 .38 .31 .25 .20 .16 .13   0   0   00000
57  1.0 .96 .87 .77 .68 .59 .50 .42 .35 .29 .23 .18 .14   0   0   00000
58  1.1 1.0 .96 .86 .75 .65 .55 .47 .39 .32 .25 .20 .16   0   0   00000
59  1.2 1.1 1.0 .93 .82 .71 .60 .51 .42 .34 .28 .22 .17   0   0   00000
60  1.3 1.2 1.1 1.0 .88 .76 .65 .55 .45 .37 .30 .24 .19   0   0   00000
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61  1.4 1.3 1.2 1.0 .93 .81 .69 .58 .48 .39 .32 .25 .20   0   0   00000
62  1.5 1.3 1.2 1.1 .98 .84 .72 .61 .50 .41 .33 .26 .21   0   0   00000
63  1.5 1.4 1.2 1.1 1.0 .87 .74 .63 .52 .42 .34 .27 .21   0   0   00000
64  1.5 1.4 1.3 1.1 1.0 .89 .76 .64 .53 .43 .35 .28 .22   0   0   00000
65  1.6 1.4 1.3 1.1 1.0 .89 .76 .64 .53 .43 .35 .28 .22   0   0   00000
66  1.5 1.4 1.3 1.1 1.0 .88 .75 .63 .52 .43 .35 .27 .21   0   0   00000
67  1.5 1.4 1.2 1.1 .99 .86 .73 .62 .51 .42 .34 .27 .21   0   0   00000
68  1.4 1.3 1.2 1.0 .96 .83 .71 .59 .49 .40 .32 .26 .20   0   0   00000
69  1.4 1.2 1.1 1.0 .91 .79 .67 .56 .47 .38 .31 .24 .19   0   0   00000
70  1.3 1.2 1.0 .97 .85 .74 .63 .53 .44 .36 .29 .23 .18   0   0   00000
71  1.2 1.1 1.0 .90 .79 .68 .58 .49 .40 .33 .27 .21 .17   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0 .01 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .19 .22 .25 .27 .30 .32 .35 .36 .38 .38 .39 .38 .38 .36 .35 .33
45 OOOO   0   0 .02 .03 .04 .05 .07 .08 .10 .13 .16 .19 .22 .25 .29 .33 .36 .40 .43 .46 .48 .50 .51 .51 .51 .50 .48 .46 .43
46 OOOO   0   0 .03 .04 .05 .07 .09 .11 .14 .17 .21 .25 .29 .33 .38 .43 .48 .52 .56 .60 .63 .65 .67 .67 .67 .65 .63 .60 .56
47 OOOO   0   0 .04 .05 .07 .09 .11 .14 .18 .22 .27 .32 .37 .43 .49 .55 .61 .67 .72 .77 .81 .84 .86 .86 .86 .84 .81 .77 .73
48 OOOO   0   0 .05 .06 .09 .11 .15 .18 .23 .28 .34 .40 .47 .55 .62 .70 .78 .85 .92 .98 1.0 1.0 1.0 1.1 1.0 1.0 1.0 .98 .92
49 OOOO   0   0 .06 .08 .11 .14 .18 .23 .29 .35 .42 .50 .59 .68 .78 .88 .98 1.0 1.1 1.2 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.2 1.1
50 OOOO   0   0 .08 .10 .14 .18 .23 .29 .35 .43 .52 .62 .73 .85 .96 1.0 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.5 1.4
51 OOOO   0   0 .09 .13 .17 .22 .28 .35 .43 .53 .64 .76 .89 1.0 1.1 1.3 1.4 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
52 OOOO   0   0 .11 .15 .20 .26 .33 .42 .52 .64 .77 .91 1.0 1.2 1.4 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.4 2.4 2.4 2.4 2.3 2.2 2.0
53 OOOO   0   0 .14 .18 .24 .31 .40 .50 .62 .75 .91 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.9 2.9 2.9 2.8 2.7 2.6 2.4
54 OOOO   0   0 .16 .21 .28 .36 .46 .58 .72 .88 1.0 1.2 1.4 1.7 1.9 2.1 2.4 2.6 2.8 3.0 3.2 3.3 3.3 3.4 3.3 3.3 3.2 3.0 2.8
55 OOOO   0   0 .18 .25 .32 .42 .53 .67 .83 1.0 1.2 1.4 1.7 1.9 2.2 2.5 2.8 3.0 3.3 3.5 3.6 3.8 3.9 3.9 3.9 3.8 3.7 3.5 3.3
56 OOOO   0   0 .21 .28 .37 .47 .61 .76 .94 1.1 1.3 1.6 1.9 2.2 2.5 2.8 3.1 3.4 3.7 4.0 4.1 4.3 4.4 4.4 4.4 4.3 4.2 4.0 3.7
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57 OOOO   0   0 .24 .31 .41 .53 .68 .85 1.0 1.2 1.5 1.8 2.1 2.5 2.8 3.2 3.5 3.9 4.2 4.4 4.7 4.8 4.9 5.0 4.9 4.8 4.7 4.4 4.2
58 OOOO   0   0 .26 .35 .46 .59 .75 .94 1.1 1.4 1.7 2.0 2.4 2.7 3.1 3.5 3.9 4.3 4.6 4.9 5.1 5.3 5.4 5.5 5.4 5.3 5.2 4.9 4.6
59 OOOO   0   0 .28 .38 .50 .64 .82 1.0 1.2 1.5 1.8 2.2 2.6 3.0 3.4 3.8 4.2 4.6 5.0 5.3 5.6 5.8 5.9 6.0 5.9 5.8 5.6 5.4 5.0
60 OOOO   0   0 .31 .41 .53 .69 .88 1.1 1.3 1.6 2.0 2.4 2.8 3.2 3.7 4.1 4.6 5.0 5.4 5.7 6.0 6.3 6.4 6.4 6.4 6.3 6.0 5.8 5.4
61 OOOO   0   0 .32 .43 .57 .73 .93 1.1 1.4 1.7 2.1 2.5 2.9 3.4 3.9 4.4 4.8 5.3 5.7 6.1 6.4 6.6 6.8 6.8 6.8 6.6 6.4 6.1 5.7
62 OOOO   0   0 .34 .45 .59 .77 .98 1.2 1.5 1.8 2.2 2.6 3.1 3.6 4.1 4.6 5.1 5.6 6.0 6.4 6.7 6.9 7.1 7.1 7.1 6.9 6.7 6.4 6.0
63 OOOO   0   0 .35 .47 .61 .79 1.0 1.2 1.5 1.9 2.3 2.7 3.2 3.7 4.2 4.7 5.2 5.7 6.2 6.6 6.9 7.2 7.3 7.4 7.3 7.2 6.9 6.6 6.2
64 OOOO   0   0 .36 .47 .62 .80 1.0 1.2 1.5 1.9 2.3 2.7 3.2 3.7 4.3 4.8 5.3 5.8 6.3 6.7 7.0 7.3 7.4 7.5 7.4 7.3 7.0 6.7 6.3
65 OOOO   0   0 .36 .48 .62 .81 1.0 1.2 1.6 1.9 2.3 2.8 3.2 3.7 4.3 4.8 5.3 5.8 6.3 6.7 7.1 7.3 7.5 7.5 7.5 7.3 7.1 6.7 6.3
66 OOOO   0   0 .35 .47 .62 .80 1.0 1.2 1.5 1.9 2.3 2.7 3.2 3.7 4.2 4.8 5.3 5.8 6.2 6.7 7.0 7.2 7.4 7.4 7.4 7.2 7.0 6.7 6.3
67 OOOO   0   0 .35 .46 .60 .78 .99 1.2 1.5 1.8 2.2 2.7 3.1 3.6 4.1 4.6 5.2 5.6 6.1 6.5 6.8 7.1 7.2 7.3 7.2 7.1 6.8 6.5 6.1
68 OOOO   0   0 .33 .44 .58 .75 .96 1.2 1.4 1.8 2.1 2.6 3.0 3.5 4.0 4.5 5.0 5.4 5.9 6.3 6.6 6.8 6.9 7.0 6.9 6.8 6.6 6.3 5.9
69 OOOO   0   0 .32 .42 .55 .71 .91 1.1 1.4 1.7 2.0 2.4 2.9 3.3 3.8 4.2 4.7 5.2 5.6 5.9 6.2 6.5 6.6 6.6 6.6 6.5 6.2 5.9 5.6
70 OOOO   0   0 .30 .39 .52 .67 .85 1.0 1.3 1.6 1.9 2.3 2.7 3.1 3.5 4.0 4.4 4.8 5.2 5.6 5.8 6.0 6.2 6.2 6.2 6.0 5.8 5.6 5.2
71 OOOO   0   0 .27 .36 .48 .62 .79 .99 1.2 1.4 1.8 2.1 2.5 2.9 3.3 3.7 4.1 4.5 4.8 5.1 5.4 5.6 5.7 5.7 5.7 5.6 5.4 5.1 4.8
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .30 .28 .25 .22 .19 .17 .14 .12 .10 .08 .06 .05 .04   0   0   00000
45  .40 .37 .33 .29 .26 .22 .19 .16 .13 .11 .08 .07 .05   0   0   00000
46  .52 .48 .43 .38 .34 .29 .25 .21 .17 .14 .11 .09 .07   0   0   00000
47  .67 .62 .56 .49 .43 .37 .32 .27 .22 .18 .15 .11 .09   0   0   00000
48  .86 .78 .71 .63 .55 .48 .41 .34 .28 .23 .19 .15 .11   0   0   00000
49  1.0 .98 .88 .79 .69 .60 .51 .43 .35 .29 .23 .18 .14   0   0   00000
50  1.3 1.2 1.0 .97 .85 .74 .63 .53 .44 .36 .29 .23 .18   0   0   00000
51  1.6 1.4 1.3 1.1 1.0 .90 .77 .64 .53 .44 .35 .28 .22   0   0   00000
52  1.9 1.7 1.5 1.4 1.2 1.0 .92 .77 .64 .53 .42 .34 .26   0   0   00000
53  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .92 .76 .62 .50 .40 .31   0   0   00000
54  2.6 2.4 2.2 1.9 1.7 1.4 1.2 1.0 .89 .73 .59 .47 .37   0   0   00000
55  3.0 2.8 2.5 2.2 1.9 1.7 1.4 1.2 1.0 .84 .68 .54 .42   0   0   00000
56  3.4 3.1 2.8 2.5 2.2 1.9 1.6 1.4 1.1 .95 .77 .61 .48   0   0   00000
57  3.9 3.5 3.2 2.8 2.5 2.1 1.8 1.5 1.3 1.0 .86 .69 .54   0   0   00000
58  4.3 3.9 3.5 3.1 2.7 2.4 2.0 1.7 1.4 1.1 .95 .76 .60   0   0   00000
59  4.7 4.3 3.8 3.4 3.0 2.6 2.2 1.8 1.5 1.2 1.0 .83 .65   0   0   00000
60  5.0 4.6 4.1 3.7 3.2 2.8 2.4 2.0 1.6 1.3 1.1 .89 .70   0   0   00000
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61  5.3 4.9 4.4 3.9 3.4 3.0 2.5 2.1 1.7 1.4 1.1 .94 .74   0   0   0OOOO
62  5.6 5.1 4.6 4.1 3.6 3.1 2.6 2.2 1.8 1.5 1.2 .99 .77   0   0   0OOOO
63  5.7 5.3 4.7 4.2 3.7 3.2 2.7 2.3 1.9 1.5 1.2 1.0 .80   0   0   0OOOO
64  5.8 5.3 4.8 4.3 3.8 3.2 2.8 2.3 1.9 1.6 1.3 1.0 .81   0   0   0OOOO
65  5.9 5.4 4.8 4.3 3.8 3.3 2.8 2.3 1.9 1.6 1.3 1.0 .82   0   0   0OOOO
66  5.8 5.3 4.8 4.3 3.7 3.2 2.7 2.3 1.9 1.6 1.2 1.0 .81   0   0   0OOOO
67  5.7 5.2 4.7 4.2 3.6 3.1 2.7 2.2 1.9 1.5 1.2 1.0 .79   0   0   0OOOO
68  5.5 5.0 4.5 4.0 3.5 3.0 2.6 2.2 1.8 1.5 1.2 .97 .76   0   0   0OOOO
69  5.2 4.7 4.3 3.8 3.3 2.9 2.4 2.1 1.7 1.4 1.1 .92 .72   0   0   0OOOO
70  4.9 4.4 4.0 3.6 3.1 2.7 2.3 1.9 1.6 1.3 1.0 .86 .68   0   0   0OOOO
71  4.5 4.1 3.7 3.3 2.9 2.5 2.1 1.8 1.5 1.2 1.0 .79 .62   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .08 .07 .03   +   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .32 .58 .51 .22 .04   .   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .32 1.1 2.0 1.8 .79 .17   +   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .07 .56 2.0 3.5 3.1 1.4 .30   +   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .49 1.7 3.1 2.7 1.2 .26 .01   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .21 .76 1.3 1.2 .53 .13 .04   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .07 .25 .55 .84 .90 .66 .33 .11   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .14 .44 .98 1.5 1.6 1.1 .60 .21   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .55 1.2 1.8 1.9 1.4 .74 .26 .01   +   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .14 .47 1.0 1.5 1.6 1.2 .63 .22 .04 .01   +   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .03 .08 .27 .61 .94 1.0 .73 .37 .18 .08 .03   +   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .05 .14 .31 .53 .73 .82 .73 .53 .31 .14 .05   +   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .19 .41 .71 .98 1.0 .98 .71 .41 .19 .07   +   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .08 .21 .44 .76 1.0 1.1 1.0 .76 .44 .21 .08 .01   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .18 .39 .66 .92 1.0 .92 .66 .38 .18 .07 .03   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .06 .13 .27 .46 .64 .71 .64 .46 .29 .18 .10 .05   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .17 .29 .43 .55 .62 .61 .52 .38 .25 .14 .07 .01   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .10 .20 .34 .50 .64 .72 .70 .60 .45 .29 .16 .08 .02 .01
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .10 .20 .34 .51 .65 .73 .72 .61 .45 .29 .16 .08 .03 .01
28 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .04 .09 .18 .30 .45 .58 .65 .63 .54 .40 .26 .14 .08 .04 .02
29 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .05 .08 .14 .23 .35 .45 .50 .49 .42 .31 .23 .16 .10 .06 .03
30 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .06 .10 .17 .24 .33 .40 .45 .45 .42 .36 .27 .19 .12 .07 .03
31 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .06 .11 .18 .27 .36 .44 .49 .49 .46 .39 .30 .21 .13 .08 .04
32 OOOO   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .06 .11 .18 .26 .35 .43 .48 .49 .45 .38 .29 .21 .13 .07 .04
33 OOOO   0   0   0   0   0   0   0   0   +   +   + .01 .01 .03 .05 .10 .16 .24 .32 .39 .43 .44 .41 .34 .26 .18 .12 .08 .05
34 OOOO   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .06 .09 .13 .19 .26 .32 .36 .36 .33 .28 .22 .18 .13 .09 .06
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .07 .10 .15 .20 .25 .29 .32 .33 .32 .29 .25 .20 .15 .10 .07
36 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .07 .11 .15 .21 .26 .31 .34 .35 .34 .31 .26 .21 .15 .11 .07
37 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .07 .10 .15 .20 .25 .30 .33 .34 .33 .30 .25 .20 .15 .10 .07
38 OOOO   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .04 .06 .09 .14 .18 .23 .27 .30 .31 .30 .27 .23 .19 .14 .10 .07
39 OOOO   0   0   0   0   0   +   +   +   +   + .01 .01 .03 .04 .06 .09 .12 .16 .20 .23 .26 .27 .26 .23 .20 .17 .14 .11 .08
40 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .04 .07 .09 .12 .16 .19 .22 .24 .25 .24 .23 .21 .18 .15 .11 .08
41 OOOO   0   0   0   0   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .16 .19 .22 .24 .25 .25 .24 .21 .18 .15 .12 .09
42 OOOO   0   0   0   0   +   +   +   +   +   + .01 .02 .03 .04 .07 .09 .12 .16 .19 .22 .24 .24 .24 .23 .21 .18 .15 .11 .08
43 OOOO   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .11 .14 .17 .20 .22 .23 .23 .21 .19 .17 .14 .11 .08
44 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .13 .15 .18 .19 .20 .20 .19 .17 .15 .13 .11 .09
45 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .13 .15 .16 .18 .19 .19 .18 .17 .15 .13 .11 .09
46 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .13 .15 .17 .18 .19 .19 .18 .17 .15 .13 .11 .09
47 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .12 .14 .16 .17 .18 .18 .18 .17 .15 .13 .11 .09
48 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .09 .11 .13 .15 .16 .17 .17 .17 .16 .14 .12 .10 .08
49 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .12 .14 .15 .15 .15 .15 .14 .13 .11 .10 .08
50 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .11 .13 .14 .14 .14 .14 .14 .13 .11 .10 .09
51 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .11 .13 .14 .14 .14 .14 .14 .13 .11 .10 .09
52 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .08 .10 .11 .12 .13 .14 .14 .14 .13 .12 .11 .10 .08
53 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .09 .10 .12 .12 .13 .13 .13 .12 .12 .10 .09 .08
54 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .10 .11 .11 .12 .12 .12 .11 .11 .10 .09 .08
55 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .11 .11 .11 .10 .10 .09 .08
56 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
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57 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .10 .10 .09 .08 .08
58 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .08 .09 .10 .10 .10 .10 .10 .09 .09 .08 .07
59 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .08 .09 .09 .10 .09 .09 .09 .08 .07 .07
60 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .07 .08 .08 .09 .09 .09 .09 .08 .08 .07 .07
61 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .07 .08 .08 .09 .09 .09 .09 .08 .08 .07 .07
62 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .08 .08 .09 .08 .08 .08 .07 .07
63 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
64 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .06 .06 .07 .07 .07 .08 .08 .08 .07 .07 .06 .06
65 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06
66 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06
67 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .07 .07 .07 .07 .07 .06 .06 .06
68 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .07 .06 .06 .06 .06 .05
69 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
70 OOOO   0   0   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .05 .05 .05
71 OOOO   0   0   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .05 .04
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30  .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31  .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32  .02   +   +   +   +   0   0   0   0   0   0   0   0   0   0   0OOOO
33  .03 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0OOOO
34  .03 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   0OOOO
35  .04 .01 .01   +   +   +   +   0   0   0   0   0   0   0   0   0OOOO
36  .04 .02 .01   +   +   +   +   0   0   0   0   0   0   0   0   0OOOO
37  .04 .03 .02   +   +   +   +   0   0   0   0   0   0   0   0   0OOOO
38  .05 .03 .02 .01   +   +   +   +   +   0   0   0   0   0   0   0OOOO
39  .06 .04 .02 .01   +   +   +   +   +   0   0   0   0   0   0   0OOOO
40  .06 .04 .02 .01 .01   +   +   +   +   0   0   0   0   0   0   0OOOO
41  .06 .04 .02 .02 .01   +   +   +   +   +   +   0   0   0   0   0OOOO
42  .06 .04 .03 .02 .01   +   +   +   +   +   +   0   0   0   0   0OOOO
43  .06 .05 .03 .02 .01 .01   +   +   +   +   +   0   0   0   0   0OOOO
44  .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   0   0   0OOOO
45  .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +   +   0   0   0OOOO
46  .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +   +   0   0   0OOOO
47  .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   0   0   0OOOO
48  .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   0   0   0OOOO
49  .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   0   0   0OOOO
50  .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   0   0   0OOOO
51  .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   0   0   0OOOO
52  .07 .06 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   0   0   0OOOO
53  .07 .05 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   0   0   0OOOO
54  .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   0   0   0OOOO
55  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   0   0   0OOOO
56  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   0   0   0OOOO
57  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   0   0   0OOOO
58  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01   +   +   +   0   0   0OOOO
59  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
60  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
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61  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
62  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
63  .06 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
64  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
65  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
66  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
67  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
68  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
69  .05 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
70  .04 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   +   0   0   0OOOO
71  .04 .04 .03 .03 .02 .02 .02 .01 .01 .01 .01   +   +   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.5070E+07  0.5065E+07   2268.      0.0000E+00   13.50      0.000000E+00
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FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....
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TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR),   14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 .24 .08   +   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .35 8.4  24 8.4 .35   +   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .02 4.1 101 290 101 4.2 .02   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 6.0 144 416 144 6.0 .04   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 1.4  26  74  27 2.0 .23 .02   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .41 3.0  12  22  18 7.6 1.6 .17   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.4  11  42  82  71  28 5.8 .63 .03   +   .   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .18 2.6  20  81 171 145  53  11 1.1 .06   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .17 2.3  17  69 143 122  46 9.4 1.0 .08   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .11 1.2 7.8  29  53  47  20 4.7 .70 .09 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .10 .59 2.7 8.1  14  13 6.7 2.2 .57 .11 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .48 1.6 3.8 5.9 6.0 4.0 1.8 .58 .13 .02   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .39 1.2 2.8 4.4 4.6 3.2 1.5 .50 .12 .02   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.7 2.9 2.0 1.0 .35 .10 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .15 .43 .91 1.3 1.4 1.0 .59 .24 .08 .02   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .04 .11 .28 .53 .77 .83 .68 .42 .21 .09 .03 .01   +   +
21 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .04 .11 .24 .43 .61 .67 .58 .39 .21 .09 .03 .01   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .04 .10 .21 .38 .53 .60 .53 .37 .21 .10 .04 .01   +   +
23 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .09 .18 .31 .44 .49 .44 .32 .19 .09 .04 .01   +   +
24 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .03 .08 .15 .25 .35 .39 .36 .27 .17 .09 .05 .02   +   +
25 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .14 .21 .29 .32 .30 .24 .16 .10 .05 .02 .01   +
26 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .13 .19 .26 .29 .28 .23 .16 .10 .06 .03 .01   +
27 OOOO   0   0   0   .   .   .   .   .   .   +   +   +   +   + .01 .04 .07 .12 .18 .24 .27 .26 .22 .16 .10 .06 .03 .01   +
28 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .02 .04 .07 .11 .17 .21 .24 .24 .20 .15 .10 .06 .03 .02 .01
29 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .15 .19 .21 .21 .19 .14 .10 .06 .04 .02 .01
30 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .09 .13 .17 .19 .19 .17 .14 .10 .06 .04 .02 .01
31 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .09 .12 .15 .17 .17 .16 .13 .10 .07 .04 .02 .01
32 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .08 .11 .14 .16 .16 .15 .12 .09 .07 .04 .03 .01
33 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .13 .14 .15 .14 .12 .09 .07 .04 .03 .01
34 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .12 .13 .14 .13 .11 .09 .07 .04 .03 .02
35 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .12 .12 .12 .10 .08 .06 .05 .03 .02
36 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .08 .10 .11 .11 .11 .10 .08 .06 .05 .03 .02
37 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .10 .10 .10 .09 .08 .06 .05 .03 .02
38 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .09 .10 .09 .09 .07 .06 .04 .03 .02
39 OOOO   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .09 .09 .09 .08 .07 .06 .04 .03 .02
40 OOOO   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .08 .08 .07 .07 .05 .04 .03 .02
41 OOOO   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .07 .08 .07 .07 .06 .05 .04 .03 .02
42 OOOO   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .07 .07 .06 .05 .04 .03 .02
43 OOOO   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .06 .06 .06 .06 .06 .05 .04 .03 .02
44 OOOO   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .06 .06 .06 .06 .05 .05 .04 .03 .02
45 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .05 .06 .06 .05 .05 .04 .04 .03 .02
46 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .05 .05 .05 .05 .04 .03 .03 .02
47 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .05 .05 .05 .05 .04 .04 .03 .03 .02
48 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .02
49 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .03 .02
50 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .02 .02
51 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .03 .03 .03 .03 .02 .02
52 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
53 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
54 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .02 .02 .02 .02
55 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .02 .02 .02 .02 .02
56 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
57 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
58 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
59 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01
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60 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .01 .01 .01 .01
61 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
62 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
63 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
64 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
65 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
66 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +
67 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   .   .   .   0   0   0   0   00000
27    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
28    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
29    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
30    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
31    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
32  .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
33  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
34  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
35  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
36  .01 .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
37  .01 .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
38  .01 .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
39  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
40  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
41  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .0000
42  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
43  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
44  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
45  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
46  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
47  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
48  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
49  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
50  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
51  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
52  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
53  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
54  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
55  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +0000
56  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
57  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
58  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
59  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
60  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
```

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61  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
62  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
63  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
64    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
65    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
70    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
71    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
72 00000000000000000000000000000000000000000000000000000000000000000000
```

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TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 .14 .04   +   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .57 1.6 .57 .02   +   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .82 2.3 .82 .03   +   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .15 .42 .15 .01   +   +   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .12 .10 .04   +   +   .   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .24 .47 .40 .16 .03   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .11 .46 .98 .83 .30 .06   +   +   .   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .09 .39 .82 .70 .26 .05   +   +   .   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .16 .30 .27 .11 .02   +   +   .   .   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .04 .08 .07 .03 .01   +   +   +   .   .   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .03 .03 .02 .01   +   +   +   .   .   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .02 .02 .01   +   +   +   +   .   .   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .01 .01 .01   +   +   +   +   .   .   .
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
28 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
29 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
30 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
31 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
32 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
33    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
34    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
35    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
36    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
37    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
38    +   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
39    +   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
40    +   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
41    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
42    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
43    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
44    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
45    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
46    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
47    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
48    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
49    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
50    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
51    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
52    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
53    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
54    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
55    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
59    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
```

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61    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
64    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.134E+02        1575.     1650.
2.00       0.0       0.263E+00        2625.     1725.
3.00       0.0       0.735E-02        3675.     1800.
4.00       0.0       0.252E-03        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay

                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.255E+03        1500.     1650.
2.00       0.0       0.467E+02        2550.     1725.
3.00       0.0       0.114E+02        3600.     1800.
4.00       0.0       0.336E+01        4725.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clumps


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)        (MG/L)           (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  copper


                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID      X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)       (FT)      (FT)
0.33       0.0        0.971E-04      0.268E-02      825.     1575.
0.67       0.0        0.535E-04      0.263E-02     1200.     1650.
1.00       0.0        0.319E-04      0.261E-02     1575.     1650.
1.33       0.0        0.199E-04      0.260E-02     1950.     1650.
1.67       0.0        0.135E-04      0.259E-02     2250.     1725.
2.00       0.0        0.957E-05      0.259E-02     2625.     1725.
2.33       0.0        0.695E-05      0.259E-02     3000.     1725.
2.67       0.0        0.521E-05      0.259E-02     3375.     1800.
3.00       0.0        0.401E-05      0.258E-02     3675.     1800.
3.33       0.0        0.315E-05      0.258E-02     4050.     1800.
3.67       0.0        0.252E-05      0.258E-02     4425.     1875.
4.00       0.0        0.205E-05      0.258E-02     4800.     1875.




0.33       6.8        0.359E-03      0.294E-02      825.     1575.
0.67       6.8        0.198E-03      0.278E-02     1200.     1650.
1.00       6.8        0.118E-03      0.270E-02     1575.     1650.
1.33       6.8        0.737E-04      0.265E-02     1950.     1650.
1.67       6.8        0.498E-04      0.263E-02     2250.     1725.
2.00       6.8        0.354E-04      0.262E-02     2625.     1725.
2.33       6.8        0.257E-04      0.261E-02     3000.     1725.
2.67       6.8        0.193E-04      0.260E-02     3375.     1800.
3.00       6.8        0.148E-04      0.259E-02     3675.     1800.
3.33       6.8        0.116E-04      0.259E-02     4050.     1800.
3.67       6.8        0.932E-05      0.259E-02     4425.     1875.
4.00       6.8        0.757E-05      0.259E-02     4800.     1875.
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           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³       1200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       2400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       3600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       4800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       6000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       7200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       8400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       9600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      10800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      12000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      13200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      14400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
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GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
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```
DEPTH GRID, FEET:

 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 4     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 5     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 6     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 7     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 9     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
10     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
11     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
12     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
13     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
14     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
15     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
16     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
17     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
18     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
19     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
20     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
21     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
22     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
23     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
24     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
25     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
26     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
27     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
28     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
29     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
30     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
31     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
32     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
33     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
34     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
35     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
36     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
37     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
38     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
39     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
40     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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45     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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48     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
49     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
50     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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53     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
54     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
55     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
56     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 67 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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 M N =35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
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44     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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47     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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59     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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62     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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64     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
65     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
66     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
67     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
68     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
69     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
70     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
71     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
72     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
73     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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CODED GRID:

         RANGE OF N IS   1 TO  49

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          X O W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W O X
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LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 59 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 60 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 61 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 62 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 63 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 64 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 65 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 66 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 67 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 68 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 69 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 70 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 71 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 72 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 73 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |

```
TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
```

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MODEL COEFFICIENTS READ FROM INPUT:

         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

         SETTLING COEFFICIENT                      BETA   =    0.0000

         APPARENT MASS COEFFICIENT                 CM     =    1.0000

         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

         DRAG FOR A PLATE                          CD4    =    1.0000

         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250

         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
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MATERIAL DESCRIPTION:    3 SOLIDS FRACTIONS



                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.5557        0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.1124        0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.4860E-01    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF copper   FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF copper   IS  0.115000E-02 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.2580000E-02 MG/L.

         THE WATER QUALITY STANDARD FOR copper   IS  0.3100000E-02 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.024        0.2833
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   66.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.21666666E-01 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  265.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.56       500.1       1575.       113.6       7.855      0.6224       3025.      0.0000E+00        27               1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  31.13       499.8       1575.       134.8       8.477       1.036       113.3      0.0000E+00        53              27

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  31.69       499.6       1575.       154.7       9.513      0.6631       83.37      0.0000E+00        79              53

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  32.25       499.5       1575.       171.6       10.18      0.4327       60.13      0.0000E+00       105              79

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  32.82       499.5       1575.       185.6       10.61      0.2974       44.41      0.0000E+00       131             105

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  33.38       499.5       1575.       197.4       10.91      0.2177       34.30      0.0000E+00       157             131

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  33.94       499.5       1575.       207.6       11.12      0.1689       27.76      0.0000E+00       183             157

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  34.51       499.5       1575.       216.6       11.29      0.1373       23.37      0.0000E+00       209             183

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  35.07       499.5       1575.       224.8       11.43      0.1157       20.28      0.0000E+00       235             209

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  35.63       499.5       1575.       232.3       11.55      0.9997E-01   18.00      0.0000E+00       261             235

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   11
  35.72       499.5       1575.       233.4       9.779       3.721      0.2656E+05  0.0000E+00       265             261


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.56       500.1       1575.       113.6       7.855      0.6224       611.9      0.0000E+00        27               1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  31.13       499.8       1575.       134.8       8.477       1.036       22.93      0.0000E+00        53              27

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  31.69       499.6       1575.       154.7       9.513      0.6631       16.86      0.0000E+00        79              53

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  32.25       499.5       1575.       171.6       10.18      0.4327       12.16      0.0000E+00       105              79

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  32.82       499.5       1575.       185.6       10.61      0.2974       8.984      0.0000E+00       131             105

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  33.38       499.5       1575.       197.4       10.91      0.2177       6.938      0.0000E+00       157             131

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  33.94       499.5       1575.       207.6       11.12      0.1689       5.614      0.0000E+00       183             157

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  34.51       499.5       1575.       216.6       11.29      0.1373       4.728      0.0000E+00       209             183

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  35.07       499.5       1575.       224.8       11.43      0.1157       4.102      0.0000E+00       235             209

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  35.63       499.5       1575.       232.3       11.55      0.9997E-01   3.642      0.0000E+00       261             235

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   11
  35.72       499.5       1575.       233.4       9.779       3.721       5372.      0.0000E+00       265             261


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL  X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    1
  30.56       500.1       1575.       113.6       7.855      0.6224       264.6      0.0000E+00        27               1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    2
  31.13       499.8       1575.       134.8       8.477       1.036       9.913      0.0000E+00        53              27

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    3
  31.69       499.6       1575.       154.7       9.513      0.6631       7.291      0.0000E+00        79              53

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    4
  32.25       499.5       1575.       171.6       10.18      0.4327       5.259      0.0000E+00       105              79

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    5
  32.82       499.5       1575.       185.6       10.61      0.2974       3.884      0.0000E+00       131             105

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    6
  33.38       499.5       1575.       197.4       10.91      0.2177       3.000      0.0000E+00       157             131

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    7
  33.94       499.5       1575.       207.6       11.12      0.1689       2.428      0.0000E+00       183             157

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    8
  34.51       499.5       1575.       216.6       11.29      0.1373       2.044      0.0000E+00       209             183

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    9
  35.07       499.5       1575.       224.8       11.43      0.1157       1.773      0.0000E+00       235             209

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
  35.63       499.5       1575.       232.3       11.55      0.9997E-01   1.574      0.0000E+00       261             235

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   11
  35.72       499.5       1575.       233.4       9.779       3.721       2323.      0.0000E+00       265             261


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )     (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  35.72       499.5       1575.       233.4       9.779       3.721       6427.       5928.           265               1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

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LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     30008.


     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
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BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    0    0    0    0    0    0
 6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    .    .    0    0    0    0
 7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +    +  .02  .04  .04  .02    +    +    .    .    0    0    0
 8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .03  .17  .53  .89  .80  .39  .10  .01    +    .    .    0    0
 9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .03  .31  1.7  5.5  9.1  8.2  3.9  1.0  .14  .01    +    .    0    0
10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .16  1.7   10   31   52   46   22  5.8  .82  .06    +    .    0    0
11 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .02  .49  5.2   30   96  170  150   68   18  2.4  .19    +    +    .    0
12 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .04  .80  8.5   49  166  324  278  115   28  4.0  .30  .01    +    .    0
13 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .03  .70  7.4   43  143  272  235  100   25  3.5  .27  .01    +    .    0
14 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .33  3.5   20   63  109   97   45   12  1.6  .12    +    +    .    0
15 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .08  .90  5.1   16   26   24   12  3.0  .42  .03    +    .    0    0
16 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .12  .71  2.1  3.6  3.2  1.5  .41  .05    +    +    .    0    0
17 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .05  .16  .27  .24  .11  .03    +    +    .    0    0    0
18 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01    +    +    +    +    .    0    0    0    0
19 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    .    .    0    0    0    0    0
20 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    0    0    0    0    0    0    0
21 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
22 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
23 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
24 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
25 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
26 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
27 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
28 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
29 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
30 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
31 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
32 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
33 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
34 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
35 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
36 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
37 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
38 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
39 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
40 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
41 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
42 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
43 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
44 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
45 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
46 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
47 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
48 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
49 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
50 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
51 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
52 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
53 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
54 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
55 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
56 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
57 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
58 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
59 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .08 .14 .13 .06 .01   +   +   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .27 .48 .42 .19 .04   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .13 .47 .92 .79 .32 .08 .01   +   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .12 .40 .77 .66 .28 .07 .01   +   .   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .05 .18 .31 .27 .12 .03   +   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .07 .06 .03   +   +   .   .   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01   +   +   +   +   .   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Silt




SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     167.52
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5902.1




SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     67.559
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6002.0




SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     27.553
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6042.0
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .02 .02 .02 .01   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .04 .07 .09 .10 .09 .07 .04 .02   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .07 .15 .24 .33 .37 .33 .24 .15 .07 .03   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .21 .44 .73 1.0 1.1 1.0 .73 .44 .21 .08   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .21 .52 1.0 1.8 2.5 2.7 2.5 1.8 1.0 .52 .20   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .13 .41 1.0 2.1 3.7 5.2 5.8 5.2 3.7 2.1 1.0 .41   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .21 .66 1.6 3.6 6.3 8.9  10 8.9 6.3 3.5 1.6 .65   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .07 .28 .87 2.2 4.8 8.6  12  14  12 8.6 4.8 2.2 .86   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .08 .30 .93 2.4 5.2 9.3  13  15  13 9.3 5.2 2.4 .92   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .07 .26 .80 2.0 4.4 7.9  11  13  11 7.9 4.4 2.0 .80   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .18 .57 1.4 3.0 5.4 7.6 8.6 7.6 5.4 3.0 1.4 .57   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .10 .33 .83 1.7 2.9 4.1 4.6 4.1 2.9 1.7 .83 .33   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .15 .39 .80 1.3 1.8 2.0 1.8 1.3 .80 .39 .15   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .15 .30 .51 .69 .77 .69 .51 .30 .15 .06   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.7 1.5 .77 .20 .02   +   .   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 .62 3.5  11  18  16 7.8 2.0 .29 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .32 3.4  20  61 102  91  44  12 1.6 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .98  10  59 189 335 295 134  35 4.9 .37 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.6  17  97 327 636 547 226  56 7.9 .61 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .07 1.4  15  85 281 534 462 196  49 7.0 .54 .02   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .68 7.0  40 125 216 192  90  24 3.4 .29 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .22 2.0  11  33  55  49  25 6.8 1.1 .15 .02   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .12 .64 2.6 7.1  12  11 6.5 2.4 .71 .17 .03   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .51 1.6 3.9 6.4 6.8 4.6 2.1 .75 .20 .04   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .11 .45 1.3 3.1 5.0 5.4 3.8 1.8 .70 .20 .05 .01   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .34 .95 2.0 3.1 3.3 2.5 1.3 .57 .19 .05 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .26 .66 1.2 1.8 2.0 1.6 1.0 .50 .20 .07 .02   +   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .25 .56 1.0 1.4 1.6 1.4 .95 .51 .22 .08 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .23 .52 .94 1.3 1.5 1.3 .92 .51 .23 .09 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .07 .20 .43 .77 1.1 1.2 1.1 .77 .43 .20 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .14 .29 .52 .73 .83 .73 .52 .29 .14 .05 .01   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .08 .16 .28 .40 .44 .40 .28 .16 .08 .03 .01   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .07 .13 .17 .19 .17 .13 .07 .03 .01   +   +   +
27 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .02 .04 .06 .07 .06 .04 .02 .01   +   +   +   +
28 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .02 .02 .02 .01   +   +   +   +   +   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       2.333      0.0000E+00   419.0      0.0000E+00   13.50      0.100000E-01
  2        1563.         1650.       1.539      0.0000E+00   453.4      0.0000E+00   13.50      0.100000E-01
  3        1563.         1650.       1.101      0.0000E+00   484.4      0.0000E+00   13.50      0.100000E-01
  4        1563.         1650.      0.7476      0.0000E+00   510.1      0.0000E+00   13.50      0.100000E-01
  5        1563.         1650.      0.5443      0.0000E+00   531.0      0.0000E+00   13.50      0.100000E-01
  6        1562.         1650.      0.4158      0.0000E+00   548.3      0.0000E+00   13.50      0.100000E-01
  7        1562.         1650.      0.3351      0.0000E+00   563.0      0.0000E+00   13.50      0.100000E-01
  8        1562.         1650.      0.2858      0.0000E+00   576.0      0.0000E+00   13.50      0.100000E-01
  9        1562.         1650.      0.2452      0.0000E+00   587.6      0.0000E+00   13.50      0.100000E-01
 10        1562.         1650.      0.2115      0.0000E+00   598.2      0.0000E+00   13.50      0.100000E-01
 11        1562.         1650.       19.79      0.0000E+00   599.8      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     11.237
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6058.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     4.5829
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6065.0




SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.8691
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6067.7
```

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CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   +
27 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
28 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .02 .02 .02 .01 .01   +
29 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .05 .05 .04 .04 .03 .02 .01 .01
30 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .06 .05 .03 .02 .01
31 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .11 .12 .11 .10 .09 .07 .05 .03 .02
32 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .05 .07 .09 .12 .14 .16 .16 .16 .14 .12 .09 .07 .05 .03
33 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .06 .09 .12 .15 .18 .20 .21 .20 .18 .15 .12 .09 .06 .04
34 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .04 .07 .10 .14 .18 .22 .24 .25 .24 .22 .18 .14 .11 .07 .05
35 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .01 .03 .05 .08 .12 .16 .21 .24 .27 .28 .27 .24 .21 .16 .12 .08 .05
36 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .05 .08 .12 .17 .21 .26 .28 .29 .28 .26 .21 .17 .12 .08 .05
37 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .05 .08 .12 .16 .21 .25 .28 .29 .28 .25 .21 .16 .12 .08 .05
38 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .01 .03 .05 .07 .11 .15 .19 .23 .25 .26 .25 .23 .19 .15 .11 .07 .05
39 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .06 .09 .13 .16 .19 .21 .22 .21 .19 .16 .13 .09 .06 .04
40 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .05 .07 .10 .13 .15 .17 .17 .17 .15 .13 .10 .07 .05 .03
41 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .04 .05 .07 .09 .11 .12 .13 .12 .11 .09 .07 .05 .04 .02
42 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .04 .05 .06 .08 .09 .09 .09 .08 .06 .05 .04 .02 .01
43 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01 .01
44 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
45 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .03 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .03 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.7 1.5 .77 .20 .02   +   .   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 .62 3.5  11  18  16 7.8 2.0 .29 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .32 3.4  20  61 102  91  44  12 1.6 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .98  10  59 189 335 295 134  35 4.9 .37 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.6  17  97 327 636 547 226  56 7.9 .61 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .07 1.4  15  85 281 534 462 196  49 7.0 .54 .02   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .68 7.0  40 125 216 192  90  24 3.4 .29 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .22 2.0  11  33  55  49  25 6.8 1.1 .15 .02   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .12 .64 2.6 7.1  12  11 6.5 2.4 .71 .17 .03   +   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .51 1.6 3.9 6.4 6.8 4.6 2.1 .75 .20 .04   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .45 1.3 3.1 5.0 5.4 3.8 1.8 .70 .21 .05 .01   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .10 .34 .95 2.0 3.1 3.3 2.5 1.3 .57 .20 .06 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .09 .27 .67 1.2 1.9 2.0 1.6 1.0 .51 .21 .07 .02   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .09 .26 .58 1.0 1.5 1.7 1.4 .99 .54 .24 .09 .03   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .10 .26 .56 1.0 1.4 1.6 1.4 .99 .56 .26 .10 .03 .01   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .09 .24 .50 .87 1.2 1.3 1.2 .89 .52 .25 .11 .04 .01   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .68 .94 1.0 .96 .71 .43 .23 .10 .04 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .07 .16 .31 .50 .68 .76 .71 .55 .36 .20 .10 .04 .01   +
26 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .14 .25 .39 .52 .58 .55 .44 .31 .18 .10 .04 .02   +
27 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .12 .21 .32 .42 .48 .46 .38 .27 .17 .10 .05 .02 .01
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .10 .18 .27 .35 .40 .39 .33 .24 .16 .09 .05 .02 .01
29 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .02 .05 .09 .15 .22 .28 .32 .32 .27 .21 .14 .08 .04 .02 .01
30 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .12 .17 .22 .25 .25 .22 .17 .12 .07 .04 .02 .01
31 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .14 .17 .20 .20 .17 .14 .10 .06 .04 .02 .01
32 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .11 .14 .15 .15 .14 .11 .08 .06 .03 .02 .01
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .12 .12 .11 .09 .07 .05 .03 .02 .01
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .03 .01 .01
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .08 .07 .06 .05 .03 .02 .01   +
36 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01   +
37 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .04 .05 .04 .04 .03 .02 .01 .01   +
38 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01   +   +
39 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01   +   +
40 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .01 .01 .01 .01   +   +   +
41 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
42 OOOO   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
37    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
38    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
39    +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
40    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
41    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
42    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
43    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
44    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
45    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
46    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
47    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
48    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.1583      0.0000E+00   853.9      0.0000E+00   13.50      0.100000E-01
  2        2636.         1726.      0.1044      0.0000E+00   898.1      0.0000E+00   13.50      0.100000E-01
  3        2636.         1726.      0.7469E-01  0.0000E+00   937.5      0.0000E+00   13.50      0.100000E-01
  4        2636.         1726.      0.5071E-01  0.0000E+00   970.0      0.0000E+00   13.50      0.100000E-01
  5        2635.         1726.      0.3693E-01  0.0000E+00   996.2      0.0000E+00   13.50      0.100000E-01
  6        2635.         1726.      0.2821E-01  0.0000E+00   1018.      0.0000E+00   13.50      0.100000E-01
  7        2635.         1725.      0.2273E-01  0.0000E+00   1036.      0.0000E+00   13.50      0.100000E-01
  8        2635.         1725.      0.1939E-01  0.0000E+00   1052.      0.0000E+00   13.50      0.100000E-01
  9        2635.         1725.      0.1663E-01  0.0000E+00   1067.      0.0000E+00   13.50      0.100000E-01
 10        2634.         1725.      0.1435E-01  0.0000E+00   1080.      0.0000E+00   13.50      0.100000E-01
 11        2634.         1725.       1.343      0.0000E+00   1082.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.76229
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6068.8




SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.31089
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6069.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.12679
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6069.4

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.7 1.5 .77 .20 .02   +   .   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 .62 3.5  11  18  16 7.8 2.0 .29 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .32 3.4  20  61 102  91  44  12 1.6 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .98  10  59 189 335 295 134  35 4.9 .37 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.6  17  97 327 636 547 226  56 7.9 .61 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .07 1.4  15  85 281 534 462 196  49 7.0 .54 .02   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .68 7.0  40 125 216 192  90  24 3.4 .29 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .22 2.0  11  33  55  49  25 6.8 1.1 .15 .02   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .12 .64 2.6 7.1  12  11 6.5 2.4 .71 .17 .03   +   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .51 1.6 3.9 6.4 6.8 4.6 2.1 .75 .20 .04   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .45 1.3 3.1 5.0 5.4 3.8 1.8 .70 .21 .05 .01   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .10 .34 .95 2.0 3.1 3.3 2.5 1.3 .57 .20 .06 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .09 .27 .67 1.2 1.9 2.0 1.6 1.0 .51 .21 .07 .02   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .09 .26 .58 1.0 1.5 1.7 1.4 .99 .54 .24 .09 .03   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .10 .26 .56 1.0 1.4 1.6 1.4 .99 .56 .26 .10 .03 .01   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .09 .24 .50 .87 1.2 1.3 1.2 .89 .52 .25 .11 .04 .01   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .68 .94 1.0 .96 .71 .43 .23 .10 .04 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .07 .16 .31 .50 .68 .76 .71 .55 .36 .20 .10 .04 .01   +
26 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .14 .25 .39 .52 .58 .55 .44 .31 .18 .10 .04 .02   +
27 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .12 .21 .32 .42 .48 .46 .38 .27 .17 .10 .05 .02 .01
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .10 .18 .27 .35 .40 .39 .33 .24 .16 .09 .05 .02 .01
29 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .15 .22 .29 .32 .32 .27 .21 .14 .08 .04 .02 .01
30 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .12 .17 .22 .25 .25 .22 .17 .12 .07 .04 .02 .01
31 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .14 .17 .20 .20 .17 .14 .10 .06 .04 .02 .01
32 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .11 .14 .15 .16 .14 .11 .08 .06 .03 .02 .01
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .12 .13 .12 .10 .07 .05 .03 .02 .01
34 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .03 .02 .01
35 OOOO   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .05 .04 .02 .01 .01
36 OOOO   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .06 .07 .06 .05 .04 .03 .02 .01 .01
37 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .05 .05 .04 .03 .03 .02 .01   +
38 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
40 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01 .01   +
41 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
42 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .01 .01 .01 .01 .01   +   +
43 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
44 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

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60 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
63 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .
64 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
31    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
34    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
35    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
40    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
57    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   00000
58    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
59    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
60    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
```

```
61    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
62    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
63    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
64    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
65    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
66    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
67    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
68    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
69    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
70    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
71    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.      0.1074E-01  0.0000E+00   1389.      0.0000E+00   13.50      0.100000E-01
  2        3709.         1801.      0.7081E-02  0.0000E+00   1441.      0.0000E+00   13.50      0.100000E-01
  3        3709.         1801.      0.5067E-02  0.0000E+00   1487.      0.0000E+00   13.50      0.100000E-01
  4        3708.         1801.      0.3440E-02  0.0000E+00   1526.      0.0000E+00   13.50      0.100000E-01
  5        3708.         1801.      0.2505E-02  0.0000E+00   1556.      0.0000E+00   13.50      0.100000E-01
  6        3708.         1801.      0.1913E-02  0.0000E+00   1582.      0.0000E+00   13.50      0.100000E-01
  7        3708.         1801.      0.1542E-02  0.0000E+00   1603.      0.0000E+00   13.50      0.100000E-01
  8        3708.         1801.      0.1315E-02  0.0000E+00   1622.      0.0000E+00   13.50      0.100000E-01
  9        3707.         1801.      0.1128E-02  0.0000E+00   1638.      0.0000E+00   13.50      0.100000E-01
 10        3707.         1801.      0.9735E-03  0.0000E+00   1654.      0.0000E+00   13.50      0.100000E-01
 11        3707.         1801.      0.9109E-01  0.0000E+00   1656.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.51711E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6069.5




SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.21090E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6069.5




SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.86012E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     6069.6

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.7 1.5 .77 .20 .02   +   .   .   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 .62 3.5  11  18  16 7.8 2.0 .29 .02   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .32 3.4  20  61 102  91  44  12 1.6 .12   +   +   .   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .98  10  59 189 335 295 134  35 4.9 .37 .01   +   .   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.6  17  97 327 636 547 226  56 7.9 .61 .02   +   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   + .07 1.4  15  85 281 534 462 196  49 7.0 .54 .02   +   .   .
14 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .68 7.0  40 125 216 192  90  24 3.4 .29 .01   +   +   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .22 2.0  11  33  55  49  25 6.8 1.1 .15 .02   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .12 .64 2.6 7.1  12  11 6.5 2.4 .71 .17 .03   +   +   +
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .51 1.6 3.9 6.4 6.8 4.6 2.1 .75 .20 .04   +   +   +
18 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .45 1.3 3.1 5.0 5.4 3.8 1.8 .70 .21 .05 .01   +   +
19 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .10 .34 .95 2.0 3.1 3.3 2.5 1.3 .57 .20 .06 .01   +   +
20 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .09 .27 .67 1.2 1.9 2.0 1.6 1.0 .51 .21 .07 .02   +   +
21 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .09 .26 .58 1.0 1.5 1.7 1.4 .99 .54 .24 .09 .03   +   +
22 0000   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .10 .26 .56 1.0 1.4 1.6 1.4 .99 .56 .26 .10 .03 .01   +
23 0000   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .09 .24 .50 .87 1.2 1.3 1.2 .89 .52 .25 .11 .04 .01   +
24 0000   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .68 .94 1.0 .96 .71 .43 .23 .10 .04 .01   +
25 0000   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .07 .16 .31 .50 .68 .76 .71 .55 .36 .20 .10 .04 .01   +
26 0000   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .14 .25 .39 .52 .58 .55 .44 .31 .18 .10 .04 .02   +
27 0000   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .12 .21 .32 .42 .48 .46 .38 .27 .17 .10 .05 .02 .01
28 0000   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .02 .05 .10 .18 .27 .35 .40 .39 .33 .24 .16 .09 .05 .02 .01
29 0000   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .15 .22 .29 .32 .32 .27 .21 .14 .08 .04 .02 .01
30 0000   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .12 .17 .22 .25 .25 .22 .17 .12 .07 .04 .02 .01
31 0000   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .14 .17 .20 .20 .17 .14 .10 .06 .04 .02 .01
32 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .11 .14 .15 .16 .14 .11 .08 .06 .03 .02 .01
33 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .12 .13 .12 .10 .07 .05 .03 .02 .01
34 0000   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .03 .02 .01
35 0000   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .05 .04 .02 .01 .01
36 0000   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .06 .07 .06 .05 .04 .03 .02 .01 .01
37 0000   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .05 .05 .04 .03 .03 .02 .01   +
38 0000   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
39 0000   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
40 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01 .01   +
41 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
42 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .01 .01 .01 .01 .01   +   +
43 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
44 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
45 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
46 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 0000   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

```
60 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
31    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
34    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
35    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
40    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.7283E-03  0.0000E+00   2008.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.4803E-03  0.0000E+00   2067.      0.0000E+00   13.50      0.100000E-01
  3        4781.         1877.      0.3437E-03  0.0000E+00   2120.      0.0000E+00   13.50      0.100000E-01
  4        4781.         1877.      0.2334E-03  0.0000E+00   2163.      0.0000E+00   13.50      0.100000E-01
  5        4781.         1877.      0.1699E-03  0.0000E+00   2198.      0.0000E+00   13.50      0.100000E-01
  6        4781.         1877.      0.1298E-03  0.0000E+00   2226.      0.0000E+00   13.50      0.100000E-01
  7        4781.         1877.      0.1046E-03  0.0000E+00   2250.      0.0000E+00   13.50      0.100000E-01
  8        4780.         1877.      0.8922E-04  0.0000E+00   2271.      0.0000E+00   13.50      0.100000E-01
  9        4780.         1877.      0.7655E-04  0.0000E+00   2290.      0.0000E+00   13.50      0.100000E-01
 10        4780.         1877.      0.6604E-04  0.0000E+00   2307.      0.0000E+00   13.50      0.100000E-01
 11        4780.         1877.      0.6179E-02  0.0000E+00   2310.      0.0000E+00   13.50      0.100000E-01
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.7 1.5 .77 .20 .02   +   .   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 .62 3.5  11  18  16 7.8 2.0 .29 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .32 3.4  20  61 102  91  44  12 1.6 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .98  10  59 189 335 295 134  35 4.9 .37 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.6  17  97 327 636 547 226  56 7.9 .61 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .07 1.4  15  85 281 534 462 196  49 7.0 .54 .02   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .68 7.0  40 125 216 192  90  24 3.4 .29 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .22 2.0  11  33  55  49  25 6.8 1.1 .15 .02   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .12 .64 2.6 7.1  12  11 6.5 2.4 .71 .17 .03   +   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .51 1.6 3.9 6.4 6.8 4.6 2.1 .75 .20 .04   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .45 1.3 3.1 5.0 5.4 3.8 1.8 .70 .21 .05 .01   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .10 .34 .95 2.0 3.1 3.3 2.5 1.3 .57 .20 .06 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .09 .27 .67 1.2 1.9 2.0 1.6 1.0 .51 .21 .07 .02   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .09 .26 .58 1.0 1.5 1.7 1.4 .99 .54 .24 .09 .03   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .10 .26 .56 1.0 1.4 1.6 1.4 .99 .56 .26 .10 .03 .01   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .09 .24 .50 .87 1.2 1.3 1.2 .89 .52 .25 .11 .04 .01   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .68 .94 1.0 .96 .71 .43 .23 .10 .04 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .07 .16 .31 .50 .68 .76 .71 .55 .36 .20 .10 .04 .01   +
26 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .14 .25 .39 .52 .58 .55 .44 .31 .18 .10 .04 .02   +
27 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .12 .21 .32 .42 .48 .46 .38 .27 .17 .10 .05 .02 .01
28 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .02 .05 .10 .18 .27 .35 .40 .39 .33 .24 .16 .09 .05 .02 .01
29 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .15 .22 .29 .32 .32 .27 .21 .14 .08 .04 .02 .01
30 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .12 .17 .22 .25 .25 .22 .17 .12 .07 .04 .02 .01
31 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .10 .14 .17 .20 .20 .17 .14 .10 .06 .04 .02 .01
32 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .11 .14 .15 .16 .14 .11 .08 .06 .03 .02 .01
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .12 .13 .12 .10 .07 .05 .03 .02 .01
34 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .03 .02 .01
35 OOOO   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .05 .04 .02 .01 .01
36 OOOO   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .06 .07 .06 .05 .04 .03 .02 .01 .01
37 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .05 .05 .04 .03 .03 .02 .01   +
38 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
40 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01 .01   +
41 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
42 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .01 .01 .01 .01 .01   +   +
43 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
44 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
31    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
34    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
35    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
40    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 6 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    0    0    0    0    0    0    0
 7 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    0    0    0    0    0
 8 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    .    .    0    0    0    0
 9 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .01  .01    +    +    +    .    0    0    0    0
10 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .01  .05  .09  .08  .04  .01    +    +    .    0    0    0
11 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .05  .18  .32  .28  .13  .03    +    +    .    0    0    0
12 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .09  .31  .62  .53  .22  .05    +    +    .    0    0    0
13 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .08  .27  .52  .45  .19  .04    +    +    .    0    0    0
14 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .03  .12  .21  .18  .08  .02    +    +    .    .    0    0
15 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .03  .05  .04  .02    +    +    +    .    .    0    0
16 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +  .01  .01    +    +    +    +    .    .    0    0
17 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    +    +    +    +    .    .    .    0
18 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    +    +    +    +    .    .    .    0
19 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    0
20 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    .
21 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    .
22 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +    +    +    +    +    +    +    +    +    .    .    .
23 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    +    +    +    +    +    +    +    +    +    +    .    .    .
24 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    .    .    .
25 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    .    .    .
26 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    .
27 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    .
28 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +    +    +    .    .    .    .
29 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +    +    .    .    .    .
30 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +    +    .    .    .    .
31 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    .    .    .    .
32 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    +    +    +    +    +    +    .    .    .    .    .
33 0000    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    +    +    +    +    .    .    .    .    .    .
34 0000    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    +    +    .    .    .    .    .    .    .
35 0000    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
36 0000    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
37 0000    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
38 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
39 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
40 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
41 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
42 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
43 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
44 0000    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
45 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
46 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
47 0000    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
48 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
49 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
50 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
51 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
52 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .
53 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    .
54 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .
55 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    0
56 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    0    0
57 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    0    0    0    0    0
58 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
59 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
39    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
40    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
41    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
42    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
43    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
44    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
45    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1232.1
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1392.3




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     551.77
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2072.6




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     435.28
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2189.1
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .08 .13 .18 .19 .17 .12 .07 .03 .01   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .20 .39 .63 .82 .89 .79 .57 .34 .16 .06   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .11 .31 .75 1.4 2.3 3.0 3.3 2.9 2.1 1.2 .62 .25   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .02 .09 .33 .97 2.3 4.4 7.1 9.3  10 8.9 6.5 3.8 1.9 .77   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .05 .24 .84 2.4 5.7  11  18  24  25  23  16  10 4.7 1.9   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .11 .49 1.7 5.0  12  23  37  49  53  47  34  20  10 3.9   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .19 .84 2.9 8.5  20  40  66  87  95  84  60  35  17 6.8   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .27 1.1 4.1  12  29  59  98 134 148 129  91  52  24  10   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .31 1.3 4.7  14  35  73 128 181 202 175 119  65  29  11   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .29 1.2 4.5  14  35  77 142 209 237 204 133  69  30  11   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .22 .98 3.5  11  29  66 128 194 223 190 121  60  25 8.8   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .14 .63 2.2 7.0  19  45  89 137 159 135  85  41  17 5.7   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .07 .33 1.2 3.7  10  24  47  72  83  71  45  22 8.7 3.0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .03 .14 .51 1.5 4.2  10  19  28  32  28  18 8.8 3.6 1.3   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .18 .55 1.4 3.1 5.7 8.5  10 8.3 5.4 2.8 1.2 .45   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .15 .39 .84 1.4 2.0 2.3 2.0 1.3 .75 .34 .13   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .26 .43 .38 .18 .04   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 .87 2.6 4.4 3.9 1.9 .51 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .85 4.8  15  25  22  11 2.8 .40 .03   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .25 2.5  15  46  79  70  33 8.5 1.2 .10   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .43 4.2  24  78 144 126  55  14 2.1 .21 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .50 4.2  22  70 126 112  51  14 2.5 .35 .05   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .57 3.2  14  39  64  59  32  11 2.8 .63 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .14 .80 3.3  11  24  37  37  24  11 4.0 1.0 .22 .03   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .19 1.0 4.0  11  24  36  37  27  14 5.2 1.4 .31 .05   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .03 .20 1.0 3.9  11  23  35  36  26  14 5.2 1.5 .34 .06 .01   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .17 .81 2.9 8.0  17  25  26  19  10 4.0 1.2 .31 .07 .01   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .14 .56 1.8 4.6 9.2  14  14  11 6.0 2.6 .93 .28 .07 .01   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .11 .39 1.1 2.6 4.9 7.0 7.5 6.0 3.6 1.8 .73 .25 .07 .02   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .29 .77 1.7 3.1 4.5 4.9 4.1 2.7 1.4 .60 .22 .07 .01   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .07 .21 .55 1.2 2.2 3.3 3.7 3.2 2.1 1.0 .46 .17 .05 .01   +
23 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .04 .13 .35 .79 1.4 2.2 2.5 2.1 1.4 .71 .30 .11 .03   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .07 .18 .41 .77 1.1 1.3 1.1 .73 .37 .15 .05 .01   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .07 .17 .31 .46 .52 .44 .29 .15 .06 .02   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .05 .10 .14 .16 .13 .09 .05 .02   +   +   +   +
27 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .02 .03 .04 .03 .02 .01   +   +   +   +   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       112.6      0.0000E+00   419.0      0.0000E+00   13.50      0.200000E-02
  2        1563.         1650.       5.895      0.0000E+00   453.4      0.0000E+00   13.50      0.200000E-02
  3        1563.         1650.       4.298      0.0000E+00   484.4      0.0000E+00   13.50      0.200000E-02
  4        1563.         1650.       3.093      0.0000E+00   510.1      0.0000E+00   13.50      0.200000E-02
  5        1563.         1650.       2.260      0.0000E+00   531.0      0.0000E+00   13.50      0.200000E-02
  6        1562.         1650.       1.742      0.0000E+00   548.3      0.0000E+00   13.50      0.200000E-02
  7        1562.         1650.       1.388      0.0000E+00   563.0      0.0000E+00   13.50      0.200000E-02
  8        1562.         1650.       1.183      0.0000E+00   576.0      0.0000E+00   13.50      0.200000E-02
  9        1562.         1650.       1.025      0.0000E+00   587.6      0.0000E+00   13.50      0.200000E-02
 10        1562.         1650.      0.9074      0.0000E+00   598.2      0.0000E+00   13.50      0.200000E-02
 11        1438.         1641.       300.8      0.0000E+00   599.8      0.3251E-01   13.47      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     364.27
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2260.1




SUMMARY OF Clay     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     304.85
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2319.5




SUMMARY OF Clay     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     255.11
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2369.3
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

                  0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .11 .16 .23 .30 .37 .43 .47 .48 .46 .42 .36 .29 .22 .15 .10
24 0000   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .14 .22 .33 .45 .59 .73 .85 .92 .95 .91 .83 .70 .56 .43 .30 .20
25 0000   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .26 .41 .60 .84 1.1 1.3 1.5 1.7 1.7 1.6 1.5 1.3 1.0 .79 .56 .37
26 0000   0   0   0   0   0   0   0   0   0 .04 .08 .15 .27 .45 .71 1.0 1.4 1.9 2.3 2.7 2.9 3.0 2.9 2.6 2.2 1.8 1.3 .97 .65
27 0000   0   0   0   0   0   0   0   0   0 .06 .13 .25 .44 .74 1.1 1.7 2.4 3.1 3.9 4.5 4.9 5.0 4.9 4.4 3.7 3.0 2.2 1.6 1.0
28 0000   0   0   0   0   0   0   0   0   0 .10 .20 .38 .68 1.1 1.8 2.6 3.7 4.9 6.1 7.1 7.7 8.0 7.7 6.9 5.9 4.7 3.5 2.4 1.6
29 0000   0   0   0   0   0   0   0   0   0 .14 .29 .55 .99 1.6 2.6 3.9 5.5 7.3 9.0  11  12  12  12  10 8.7 6.9 5.2 3.6 2.4
30 0000   0   0   0   0   0   0   0   0   0 .20 .40 .76 1.3 2.2 3.6 5.4 7.7  10  13  15  16  17  16  15  12  10 7.2 5.0 3.3
31 0000   0   0   0   0   0   0   0   0   0 .25 .51 .97 1.7 2.9 4.7 7.1  10  14  17  20  22  23  22  20  17  13  10 6.7 4.3
32 0000   0   0   0   0   0   0   0   0   0 .30 .62 1.1 2.1 3.6 5.8 8.9  13  17  22  26  28  29  28  25  21  16  12 8.3 5.4
33 0000   0   0   0   0   0   0   0   0   0 .35 .71 1.3 2.4 4.2 6.8  10  15  20  26  31  34  35  34  30  25  20  14  10 6.3
34 0000   0   0   0   0   0   0   0   0   0 .37 .76 1.4 2.6 4.5 7.4  12  17  23  29  35  38  40  38  34  28  22  16  11 6.9
35 0000   0   0   0   0   0   0   0   0   0 .37 .76 1.4 2.7 4.7 7.7  12  17  24  31  36  41  42  40  36  30  23  17  11 7.1
36 0000   0   0   0   0   0   0   0   0   0 .35 .73 1.4 2.5 4.5 7.4  12  17  23  30  36  40  41  40  35  29  23  16  11 6.9
37 0000   0   0   0   0   0   0   0   0   0 .31 .65 1.2 2.3 4.0 6.7  11  16  21  28  33  37  38  37  33  27  21  15  10 6.3
38 0000   0   0   0   0   0   0   0   0   0 .26 .54 1.0 1.9 3.4 5.7 8.9  13  18  23  28  31  33  31  28  23  18  13 8.4 5.3
39 0000   0   0   0   0   0   0   0   0   0 .21 .43 .83 1.5 2.7 4.5 7.0  10  14  19  22  25  26  25  22  18  14  10 6.7 4.2
40 0000   0   0   0   0   0   0   0   0   0 .15 .31 .61 1.1 2.0 3.3 5.2 7.6  11  14  16  18  19  18  16  13  10 7.3 4.9 3.1
41 0000   0   0   0   0   0   0   0   0   0 .10 .22 .42 .79 1.3 2.2 3.5 5.2 7.2 9.3  11  12  13  12  11 9.1 7.0 5.0 3.3 2.1
42 0000   0   0   0   0   0   0   0   0   0 .07 .14 .27 .51 .89 1.4 2.2 3.3 4.6 5.9 7.0 7.9 8.1 7.8 6.9 5.7 4.4 3.2 2.1 1.3
43 0000   0   0   0   0   0   0   0   0   0 .04 .08 .17 .31 .54 .88 1.3 2.0 2.7 3.5 4.1 4.6 4.8 4.6 4.1 3.4 2.6 1.9 1.3 .82
44 0000   0   0   0   0   0   0   0   0   0 .02 .05 .09 .17 .30 .50 .77 1.1 1.5 1.9 2.3 2.5 2.6 2.5 2.2 1.8 1.4 1.0 .72 .46
45 0000   0   0   0   0   0   0   0   0   0 .01 .02 .05 .09 .16 .26 .40 .58 .79 1.0 1.1 1.3 1.3 1.3 1.1 .98 .76 .56 .38 .24
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23  .06 .03   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .12 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .23 .14   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .41 .24   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .67 .39   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  1.0 .60   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  1.5 .88   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  2.0 1.2   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  2.7 1.5   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  3.3 1.9   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  3.8 2.2   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  4.2 2.4   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  4.3 2.4   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  4.1 2.3   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  3.7 2.1   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  3.1 1.7   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  2.5 1.4   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  1.8 1.0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  1.2 .71   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .82 .46   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .49 .28   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .28 .16   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .15 .08   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .26 .43 .38 .18 .04   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 .87 2.6 4.4 3.9 1.9 .51 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .85 4.8  15  25  22  11 2.8 .40 .03   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .25 2.5  15  46  79  70  33 8.5 1.2 .10   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .43 4.2  24  78 144 126  55  14 2.1 .21 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .50 4.2  22  70 126 112  51  14 2.5 .35 .05   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .57 3.2  14  39  64  59  32  11 2.8 .63 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .14 .80 3.3  11  24  37  37  24  11 4.0 1.0 .22 .03   +   +
16 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .20 1.0 4.0  11  24  36  37  27  14 5.2 1.4 .31 .05   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .21 1.0 3.9  11  23  35  36  26  14 5.2 1.5 .34 .06 .01   +
18 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .18 .82 2.9 8.0  17  25  26  19  10 4.0 1.2 .32 .07 .01   +
19 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .03 .15 .58 1.8 4.7 9.3  14  14  11 6.1 2.7 .97 .30 .09 .02   +
20 OOOO   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .13 .43 1.1 2.7 5.0 7.2 7.7 6.2 3.8 1.9 .82 .31 .10 .03 .01
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .04 .13 .37 .91 1.9 3.4 4.8 5.3 4.5 3.0 1.6 .77 .32 .12 .04 .01
22 OOOO   0   0   0   0   0   .   .   .   +   +   +   + .01 .04 .13 .33 .77 1.5 2.7 3.9 4.4 3.9 2.6 1.5 .74 .33 .14 .05 .02
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .05 .13 .30 .66 1.3 2.2 3.1 3.5 3.1 2.2 1.3 .71 .35 .16 .06 .02
24 OOOO   0   0   0   .   .   .   .   +   +   +   +   + .02 .05 .13 .29 .60 1.0 1.7 2.4 2.7 2.5 1.9 1.2 .71 .38 .18 .08 .03
25 OOOO   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .14 .30 .57 1.0 1.5 2.0 2.3 2.2 1.7 1.2 .75 .42 .21 .10 .04
26 OOOO   0   0   0   .   .   .   .   +   +   +   + .01 .03 .07 .15 .31 .57 .97 1.4 1.9 2.2 2.1 1.7 1.2 .80 .46 .24 .12 .06
27 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .16 .31 .57 .94 1.4 1.8 2.1 2.0 1.7 1.2 .82 .49 .27 .14 .07
28 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .08 .16 .31 .54 .89 1.3 1.7 1.9 1.9 1.6 1.2 .82 .50 .29 .16 .08
29 OOOO   0   0   .   .   .   .   +   +   +   +   + .02 .04 .08 .17 .30 .52 .82 1.1 1.5 1.7 1.6 1.4 1.1 .80 .51 .31 .17 .09
30 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .30 .49 .76 1.0 1.3 1.5 1.5 1.3 1.0 .78 .52 .33 .19 .10
31 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .29 .47 .71 .98 1.2 1.3 1.3 1.2 1.0 .77 .53 .34 .20 .11
32 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .16 .28 .45 .66 .90 1.1 1.2 1.2 1.1 .98 .74 .52 .34 .21 .12
33 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .16 .26 .41 .61 .82 1.0 1.1 1.1 1.0 .90 .70 .50 .33 .20 .12
34 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .08 .14 .24 .37 .54 .72 .89 .99 1.0 .95 .81 .63 .46 .31 .19 .12
35 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .13 .21 .33 .47 .62 .75 .85 .87 .82 .70 .56 .41 .28 .18 .11
36 OOOO   0   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .11 .18 .28 .39 .52 .63 .70 .72 .69 .60 .48 .36 .25 .16 .10
37 OOOO   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .09 .15 .23 .32 .42 .51 .57 .59 .56 .49 .40 .30 .21 .14 .08
38 OOOO   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .12 .18 .26 .33 .40 .45 .47 .44 .39 .32 .24 .17 .11 .07
39 OOOO   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .06 .09 .14 .19 .25 .30 .34 .35 .33 .30 .24 .18 .13 .08 .05
40 OOOO   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .10 .14 .18 .21 .24 .25 .24 .21 .17 .13 .09 .06 .04
41 OOOO   0   0   .   .   .   .   +   +   +   +   +   + .01 .01 .03 .04 .06 .09 .12 .14 .16 .17 .16 .14 .11 .09 .06 .04 .02
42 OOOO   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .06 .07 .09 .10 .10 .10 .09 .07 .05 .04 .02 .01
43 OOOO   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01 .01
44 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01   +   +
45 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +
46 OOOO   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
19    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
21    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
23  .01   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
25  .02   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
27  .03 .01   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
28  .04 .02   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
29  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
30  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
31  .06 .03 .01   +   +   +   +   +   .   .   .   .   .   0   0   00000
32  .06 .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
33  .06 .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
34  .06 .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
35  .06 .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
36  .05 .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
37  .05 .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   00000
38  .04 .02 .01   +   +   +   +   +   .   .   .   .   .   0   0   00000
39  .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
40  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
41  .01   +   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
42  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
43    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
44    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
45    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
46    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
47    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
48    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
49    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
50    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
51    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
52    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.       66.02      0.0000E+00   853.9      0.0000E+00   13.50       0.200000E-02
  2        2636.         1726.       3.455      0.0000E+00   898.1      0.0000E+00   13.50       0.200000E-02
  3        2636.         1726.       2.519      0.0000E+00   937.5      0.0000E+00   13.50       0.200000E-02
  4        2636.         1726.       1.813      0.0000E+00   970.0      0.0000E+00   13.50       0.200000E-02
  5        2635.         1726.       1.324      0.0000E+00   996.2      0.0000E+00   13.50       0.200000E-02
  6        2635.         1726.       1.021      0.0000E+00   1018.      0.0000E+00   13.50       0.200000E-02
  7        2635.         1725.      0.8135      0.0000E+00   1036.      0.0000E+00   13.50       0.200000E-02
  8        2635.         1725.      0.6936      0.0000E+00   1052.      0.0000E+00   13.50       0.200000E-02
  9        2635.         1725.      0.6010      0.0000E+00   1067.      0.0000E+00   13.50       0.200000E-02
 10        2634.         1725.      0.5318      0.0000E+00   1080.      0.0000E+00   13.50       0.200000E-02
 11        2511.         1717.       176.3      0.0000E+00   1082.      0.0000E+00   13.50       0.200000E-02





SUMMARY OF Clay     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     213.50
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2410.9




SUMMARY OF Clay     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     178.67
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2445.7




SUMMARY OF Clay     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     149.52
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2474.9
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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .12 .14 .17 .20 .22 .24 .26 .27 .27 .27 .26 .24 .22 .19 .16
34 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .18 .22 .26 .30 .33 .37 .39 .41 .41 .40 .39 .36 .33 .29 .25
35 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .16 .21 .26 .32 .38 .44 .49 .54 .58 .60 .61 .60 .57 .53 .48 .43 .37
36 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .18 .23 .30 .38 .46 .54 .63 .71 .78 .83 .86 .87 .86 .82 .77 .70 .61 .53
37 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .25 .32 .42 .52 .64 .76 .88 .99 1.0 1.1 1.2 1.2 1.2 1.1 1.0 .97 .86 .74
38 OOOO   0   0   0   0   0   0 .05 .08 .12 .18 .25 .33 .44 .57 .72 .87 1.0 1.2 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0
39 OOOO   0   0   0   0   0   0 .07 .11 .16 .23 .33 .44 .59 .76 .95 1.1 1.3 1.6 1.8 1.9 2.1 2.2 2.2 2.2 2.1 1.9 1.7 1.5 1.3
40 OOOO   0   0   0   0   0   0 .09 .14 .21 .30 .42 .57 .76 .98 1.2 1.5 1.8 2.0 2.3 2.6 2.7 2.8 2.9 2.8 2.7 2.5 2.3 2.0 1.7
41 OOOO   0   0   0   0   0   0 .12 .18 .26 .38 .53 .72 .96 1.2 1.5 1.9 2.2 2.6 3.0 3.3 3.5 3.6 3.7 3.6 3.5 3.2 2.9 2.6 2.2
42 OOOO   0   0   0   0   0   0 .14 .22 .32 .46 .65 .89 1.1 1.5 1.9 2.3 2.8 3.2 3.7 4.1 4.3 4.5 4.6 4.5 4.3 4.0 3.6 3.2 2.7
43 OOOO   0   0   0   0   0   0 .17 .26 .39 .55 .78 1.0 1.4 1.8 2.3 2.8 3.4 3.9 4.5 4.9 5.3 5.5 5.6 5.5 5.2 4.9 4.4 3.9 3.3
44 OOOO   0   0   0   0   0   0 .20 .30 .45 .65 .91 1.2 1.6 2.1 2.7 3.3 4.0 4.6 5.3 5.8 6.2 6.5 6.6 6.5 6.2 5.8 5.2 4.6 3.9
45 OOOO   0   0   0   0   0   0 .22 .34 .51 .73 1.0 1.4 1.8 2.4 3.1 3.8 4.6 5.3 6.1 6.7 7.2 7.5 7.6 7.5 7.1 6.6 6.0 5.2 4.5
46 OOOO   0   0   0   0   0   0 .25 .38 .56 .81 1.1 1.5 2.0 2.7 3.4 4.2 5.1 6.0 6.8 7.5 8.0 8.4 8.5 8.4 8.0 7.4 6.7 5.9 5.0
47 OOOO   0   0   0   0   0   0 .27 .40 .60 .87 1.2 1.6 2.2 2.9 3.7 4.6 5.5 6.5 7.4 8.2 8.8 9.2 9.3 9.1 8.7 8.1 7.3 6.4 5.4
48 OOOO   0   0   0   0   0   0 .28 .42 .63 .91 1.2 1.7 2.3 3.1 3.9 4.9 5.9 6.9 7.8 8.7 9.3  10  10  10 9.2 8.6 7.7 6.8 5.7
49 OOOO   0   0   0   0   0   0 .28 .43 .64 .93 1.3 1.8 2.4 3.1 4.0 5.0 6.0 7.1 8.1 8.9  10  10  10  10  10 8.8 8.0 7.0 5.9
50 OOOO   0   0   0   0   0   0 .28 .43 .63 .92 1.3 1.8 2.4 3.1 4.0 5.0 6.0 7.1 8.1 8.9  10  10  10  10  10 8.8 8.0 7.0 5.9
51 OOOO   0   0   0   0   0   0 .27 .41 .61 .89 1.2 1.7 2.3 3.0 3.9 4.8 5.8 6.9 7.8 8.7 9.3  10  10  10 9.3 8.6 7.7 6.8 5.7
52 OOOO   0   0   0   0   0   0 .25 .38 .57 .84 1.1 1.6 2.2 2.9 3.7 4.5 5.5 6.5 7.4 8.2 8.8 9.2 9.3 9.2 8.8 8.1 7.3 6.4 5.4
53 OOOO   0   0   0   0   0   0 .23 .35 .52 .76 1.0 1.5 2.0 2.6 3.3 4.2 5.0 5.9 6.8 7.5 8.1 8.4 8.5 8.4 8.0 7.4 6.7 5.8 4.9
54 OOOO   0   0   0   0   0   0 .20 .31 .46 .68 .96 1.3 1.7 2.3 3.0 3.7 4.5 5.3 6.0 6.7 7.2 7.5 7.6 7.5 7.1 6.6 5.9 5.2 4.4
55 OOOO   0   0   0   0   0   0 .17 .27 .40 .58 .83 1.1 1.5 2.0 2.6 3.2 3.9 4.5 5.2 5.8 6.2 6.5 6.6 6.5 6.2 5.7 5.1 4.5 3.8
56 OOOO   0   0   0   0   0   0 .15 .22 .34 .49 .70 .96 1.3 1.7 2.1 2.7 3.2 3.8 4.3 4.8 5.2 5.4 5.5 5.4 5.2 4.8 4.3 3.7 3.2
57 OOOO   0   0   0   0   0   0 .12 .18 .27 .40 .57 .79 1.0 1.3 1.7 2.2 2.6 3.1 3.5 3.9 4.2 4.4 4.5 4.4 4.2 3.9 3.5 3.0 2.6
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58 0000   0   0   0   0   0   0 .09 .14 .22 .32 .45 .62 .84 1.1 1.4 1.7 2.1 2.4 2.8 3.1 3.3 3.5 3.5 3.5 3.3 3.1 2.7 2.4 2.0
59 0000   0   0   0   0   0   0 .07 .11 .17 .24 .35 .48 .65 .85 1.0 1.3 1.6 1.9 2.1 2.4 2.5 2.6 2.7 2.6 2.5 2.3 2.1 1.8 1.5
60 0000   0   0   0   0   0   0 .05 .08 .12 .18 .26 .36 .48 .63 .81 1.0 1.2 1.4 1.6 1.7 1.9 2.0 2.0 2.0 1.9 1.7 1.6 1.4 1.1
61 0000   0   0   0   0   0   0 .04 .06 .09 .13 .19 .26 .35 .46 .59 .73 .88 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .86
62 0000   0   0   0   0   0   0 .03 .04 .06 .09 .13 .18 .25 .32 .41 .51 .62 .72 .82 .91 .98 1.0 1.0 1.0 .97 .90 .81 .71 .61
63 0000   0   0   0   0   0   0 .02 .03 .04 .06 .09 .13 .17 .22 .28 .35 .42 .49 .56 .62 .67 .70 .71 .69 .66 .62 .56 .49 .41
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .14 .11 .09 .07 .05 .04 .02   0   0   0   0   0   0   0   0   00000
34  .21 .17 .13 .10 .08 .06 .04   0   0   0   0   0   0   0   0   00000
35  .31 .25 .20 .15 .12 .08 .06   0   0   0   0   0   0   0   0   00000
36  .44 .36 .29 .22 .17 .12 .09   0   0   0   0   0   0   0   0   00000
37  .62 .51 .40 .31 .23 .17 .12   0   0   0   0   0   0   0   0   00000
38  .85 .69 .55 .42 .32 .23 .16   0   0   0   0   0   0   0   0   00000
39  1.1 .92 .73 .56 .42 .31 .22   0   0   0   0   0   0   0   0   00000
40  1.4 1.1 .94 .73 .55 .40 .28   0   0   0   0   0   0   0   0   00000
41  1.8 1.5 1.1 .92 .69 .50 .36   0   0   0   0   0   0   0   0   00000
42  2.3 1.8 1.4 1.1 .85 .62 .44   0   0   0   0   0   0   0   0   00000
43  2.7 2.2 1.7 1.3 1.0 .74 .52   0   0   0   0   0   0   0   0   00000
44  3.2 2.6 2.0 1.5 1.1 .86 .61   0   0   0   0   0   0   0   0   00000
45  3.7 3.0 2.3 1.8 1.3 .98 .69   0   0   0   0   0   0   0   0   00000
46  4.1 3.3 2.6 2.0 1.5 1.0 .77   0   0   0   0   0   0   0   0   00000
47  4.5 3.6 2.8 2.1 1.6 1.1 .83   0   0   0   0   0   0   0   0   00000
48  4.7 3.8 3.0 2.3 1.7 1.2 .87   0   0   0   0   0   0   0   0   00000
49  4.9 3.9 3.0 2.3 1.7 1.2 .88   0   0   0   0   0   0   0   0   00000
50  4.9 3.9 3.0 2.3 1.7 1.2 .88   0   0   0   0   0   0   0   0   00000
51  4.7 3.8 2.9 2.2 1.6 1.2 .85   0   0   0   0   0   0   0   0   00000
52  4.5 3.6 2.8 2.1 1.5 1.1 .80   0   0   0   0   0   0   0   0   00000
53  4.1 3.3 2.5 1.9 1.4 1.0 .73   0   0   0   0   0   0   0   0   00000
54  3.6 2.9 2.2 1.7 1.2 .92 .64   0   0   0   0   0   0   0   0   00000
55  3.1 2.5 1.9 1.5 1.1 .79 .56   0   0   0   0   0   0   0   0   00000
56  2.6 2.1 1.6 1.2 .93 .67 .47   0   0   0   0   0   0   0   0   00000
57  2.1 1.7 1.3 1.0 .76 .54 .38   0   0   0   0   0   0   0   0   00000
58  1.7 1.3 1.0 .81 .60 .43 .30   0   0   0   0   0   0   0   0   00000
59  1.3 1.0 .82 .62 .46 .33 .23   0   0   0   0   0   0   0   0   00000
60  .98 .79 .61 .47 .34 .25 .17   0   0   0   0   0   0   0   0   00000
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61  .71 .57 .45 .34 .25 .18 .12   0   0   0   0   0   0   0   0   0OOOO
62  .50 .40 .31 .24 .18 .13 .09   0   0   0   0   0   0   0   0   0OOOO
63  .34 .28 .21 .16 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOO00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .26 .43 .38 .18 .04   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 .87 2.6 4.4 3.9 1.9 .51 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .85 4.8  15  25  22  11 2.8 .40 .03   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .25 2.5  15  46  79  70  33 8.5 1.2 .10   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .43 4.2  24  78 144 126  55  14 2.1 .21 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .50 4.2  22  70 126 112  51  14 2.5 .35 .05   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .57 3.2  14  39  64  59  32  11 2.8 .63 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .14 .80 3.3  11  24  37  37  24  11 4.0 1.0 .22 .03   +   +
16 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .20 1.0 4.0  11  24  36  37  27  14 5.2 1.4 .31 .05   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .21 1.0 3.9  11  23  35  36  26  14 5.2 1.5 .34 .06 .01   +
18 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .18 .82 2.9 8.0  17  25  26  19  10 4.0 1.2 .32 .07 .01   +
19 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .03 .15 .58 1.8 4.7 9.3  14  14  11 6.1 2.7 .97 .30 .09 .02   +
20 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .13 .43 1.1 2.7 5.0 7.2 7.7 6.2 3.8 1.9 .82 .31 .10 .03 .01
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .04 .13 .37 .91 1.9 3.4 4.8 5.3 4.5 3.0 1.6 .77 .32 .12 .04 .01
22 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .13 .33 .77 1.5 2.7 3.9 4.4 3.9 2.6 1.5 .74 .33 .14 .05 .02
23 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .05 .13 .30 .66 1.3 2.2 3.1 3.5 3.1 2.2 1.3 .71 .35 .16 .07 .02
24 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .05 .13 .29 .60 1.0 1.7 2.4 2.7 2.5 1.9 1.2 .71 .38 .18 .08 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   + .01 .02 .06 .14 .30 .57 1.0 1.5 2.0 2.3 2.2 1.7 1.2 .75 .42 .22 .10 .05
26 OOOO   0   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .15 .31 .57 .97 1.4 1.9 2.2 2.1 1.7 1.2 .80 .46 .25 .12 .06
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .16 .31 .57 .95 1.4 1.8 2.1 2.0 1.7 1.2 .83 .49 .27 .14 .07
28 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .04 .08 .17 .31 .55 .90 1.3 1.7 1.9 1.9 1.6 1.2 .83 .51 .30 .17 .09
29 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .31 .53 .83 1.1 1.5 1.7 1.7 1.5 1.1 .82 .53 .32 .19 .10
30 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .18 .31 .51 .78 1.0 1.3 1.5 1.5 1.3 1.1 .82 .55 .35 .21 .12
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .10 .19 .32 .51 .75 1.0 1.2 1.4 1.4 1.3 1.0 .82 .57 .37 .23 .14
32 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .11 .19 .32 .50 .72 .97 1.2 1.3 1.3 1.2 1.0 .82 .58 .39 .25 .15
33 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .11 .20 .32 .48 .69 .92 1.1 1.2 1.2 1.2 1.0 .80 .59 .40 .26 .16
34 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .31 .46 .65 .85 1.0 1.1 1.1 1.1 .97 .78 .58 .41 .28 .18
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .30 .44 .61 .79 .95 1.0 1.0 1.0 .91 .75 .58 .42 .29 .19
36 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .12 .20 .30 .43 .58 .74 .88 .98 1.0 .97 .86 .72 .57 .42 .30 .20
37 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .20 .29 .41 .55 .69 .82 .91 .94 .91 .82 .69 .56 .42 .30 .21
38 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .19 .28 .39 .52 .65 .76 .84 .87 .85 .77 .67 .54 .42 .31 .22
39 OOOO   .   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .27 .38 .49 .61 .71 .78 .81 .79 .73 .64 .52 .41 .31 .22
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .26 .36 .46 .56 .66 .72 .75 .74 .68 .60 .50 .40 .31 .23
41 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .18 .25 .34 .43 .52 .61 .67 .69 .68 .64 .57 .48 .39 .30 .23
42 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .18 .24 .32 .40 .49 .56 .61 .64 .63 .59 .53 .46 .37 .29 .22
43 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .17 .23 .30 .37 .45 .51 .56 .59 .58 .55 .50 .43 .36 .29 .22
44 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .16 .22 .28 .35 .41 .47 .51 .54 .54 .51 .46 .41 .34 .27 .21
45 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .15 .20 .26 .32 .38 .43 .47 .49 .49 .47 .43 .38 .32 .26 .20
46 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .14 .19 .24 .29 .34 .39 .42 .44 .44 .43 .39 .35 .30 .24 .19
47 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .17 .22 .26 .31 .35 .38 .40 .40 .38 .36 .32 .27 .23 .18
48 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .12 .15 .19 .24 .28 .31 .34 .35 .36 .34 .32 .29 .25 .21 .17
49 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .11 .14 .17 .21 .24 .28 .30 .31 .31 .30 .28 .26 .22 .19 .15
50 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .18 .21 .24 .26 .27 .27 .27 .25 .23 .20 .17 .14
51 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .11 .13 .16 .18 .21 .22 .23 .24 .23 .22 .20 .17 .15 .12
52 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .16 .17 .19 .20 .20 .19 .18 .17 .15 .12 .10
53 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .09 .11 .13 .15 .16 .16 .17 .16 .15 .14 .12 .10 .09
54 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .12 .13 .13 .14 .13 .13 .11 .10 .09 .07
55 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .11 .10 .09 .08 .07 .06
56 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .08 .08 .09 .08 .08 .07 .06 .05 .05
57 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .06 .07 .06 .06 .06 .05 .04 .03
58 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .04 .04 .04 .03 .03
59 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
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60 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
61 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01 .01
62 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
63 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
19    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
21    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0OOOO
22    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0OOOO
23  .01   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0OOOO
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
26  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   0   0OOOO
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
29  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
30  .06 .03 .01 .01   +   +   +   +   +   +   .   .   .   .   .   .OOOO
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
32  .09 .05 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .OOOO
33  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .OOOO
34  .11 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .OOOO
35  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .OOOO
36  .13 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .   .OOOO
37  .14 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .OOOO
38  .15 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   +   .OOOO
39  .15 .10 .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .OOOO
40  .16 .11 .07 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .OOOO
41  .16 .11 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .OOOO
42  .16 .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +OOOO
43  .16 .12 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
44  .16 .12 .08 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
45  .15 .11 .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
46  .15 .11 .08 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
47  .14 .10 .08 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
48  .13 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
49  .12 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
50  .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
51  .09 .07 .05 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +OOOO
52  .08 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +OOOO
53  .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +OOOO
54  .06 .04 .03 .02 .02 .01   +   +   +   +   +   +   +   +   +   +OOOO
55  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
56  .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .OOOO
57  .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   .OOOO
58  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .OOOO
59  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .OOOO
60  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .OOOO
```

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61    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .OOOO
62    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
63    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
64    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
65    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
66    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
67    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
68    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .OOOO
69    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
70    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.       38.69      0.0000E+00   1389.      0.0000E+00   13.50      0.200000E-02
  2        3709.         1801.       2.025      0.0000E+00   1441.      0.0000E+00   13.50      0.200000E-02
  3        3709.         1801.       1.476      0.0000E+00   1487.      0.0000E+00   13.50      0.200000E-02
  4        3708.         1801.       1.062      0.0000E+00   1526.      0.0000E+00   13.50      0.200000E-02
  5        3708.         1801.      0.7763      0.0000E+00   1556.      0.0000E+00   13.50      0.200000E-02
  6        3708.         1801.      0.5983      0.0000E+00   1582.      0.0000E+00   13.50      0.200000E-02
  7        3708.         1801.      0.4768      0.0000E+00   1603.      0.0000E+00   13.50      0.200000E-02
  8        3708.         1801.      0.4065      0.0000E+00   1622.      0.0000E+00   13.50      0.200000E-02
  9        3707.         1801.      0.3522      0.0000E+00   1638.      0.0000E+00   13.50      0.200000E-02
 10        3707.         1801.      0.3117      0.0000E+00   1654.      0.0000E+00   13.50      0.200000E-02
 11        3583.         1792.       103.3      0.0000E+00   1656.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     125.13
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2499.2




SUMMARY OF Clay     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     104.71
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2519.4




SUMMARY OF Clay     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     87.632
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2535.8
```

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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .08 .09 .09 .10 .10 .11 .11 .11 .11 .11 .10 .10 .09
43 OOOO   0   0   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .14 .15 .15 .15 .14 .14 .13 .12
44 OOOO   0   0 .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .10 .11 .13 .14 .15 .16 .18 .18 .19 .19 .20 .19 .19 .18 .17 .16
45 OOOO   0   0 .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .11 .13 .15 .16 .18 .20 .21 .23 .24 .25 .25 .26 .25 .25 .24 .23 .21
46 OOOO   0   0 .01 .02 .02 .03 .04 .05 .07 .08 .10 .12 .14 .16 .19 .21 .23 .26 .28 .29 .31 .32 .33 .33 .33 .32 .31 .29 .27
47 OOOO   0   0 .02 .02 .03 .04 .05 .07 .09 .11 .13 .15 .18 .21 .24 .27 .30 .33 .35 .37 .39 .41 .41 .42 .41 .40 .39 .37 .35
48 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .13 .16 .19 .22 .26 .30 .33 .37 .41 .44 .47 .49 .51 .52 .52 .52 .51 .49 .46 .44
49 OOOO   0   0 .03 .04 .05 .07 .08 .11 .13 .16 .20 .24 .28 .32 .37 .41 .46 .50 .54 .58 .61 .63 .64 .64 .64 .63 .60 .57 .54
50 OOOO   0   0 .03 .05 .06 .08 .10 .13 .16 .20 .24 .29 .34 .39 .45 .50 .56 .61 .66 .70 .74 .77 .78 .79 .78 .76 .74 .70 .66
51 OOOO   0   0 .04 .06 .07 .10 .12 .16 .19 .24 .29 .34 .41 .47 .54 .61 .67 .74 .80 .85 .89 .92 .94 .95 .94 .92 .89 .84 .79
52 OOOO   0   0 .05 .07 .09 .11 .15 .19 .23 .28 .34 .41 .48 .56 .64 .72 .80 .87 .94 1.0 1.0 1.0 1.1 1.1 1.1 1.0 1.0 1.0 .94
53 OOOO   0   0 .06 .08 .10 .13 .17 .22 .27 .33 .40 .48 .56 .65 .74 .84 .93 1.0 1.1 1.1 1.2 1.2 1.3 1.3 1.3 1.2 1.2 1.1 1.1
54 OOOO   0   0 .07 .09 .12 .15 .20 .25 .31 .38 .46 .55 .65 .75 .86 .97 1.0 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.4 1.4 1.3 1.2
55 OOOO   0   0 .08 .10 .13 .17 .22 .28 .35 .43 .52 .63 .74 .85 .98 1.1 1.2 1.3 1.4 1.5 1.6 1.6 1.7 1.7 1.7 1.6 1.6 1.5 1.4
56 OOOO   0   0 .08 .11 .15 .20 .25 .32 .40 .49 .59 .70 .83 .96 1.1 1.2 1.3 1.5 1.6 1.7 1.8 1.9 1.9 1.9 1.9 1.8 1.8 1.7 1.6
57 OOOO   0   0 .09 .13 .17 .22 .28 .35 .44 .54 .65 .78 .91 1.0 1.2 1.3 1.5 1.6 1.8 1.9 2.0 2.1 2.1 2.1 2.1 2.1 2.0 1.9 1.8
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58 OOOO   0   0 .10 .14 .18 .24 .30 .38 .48 .58 .71 .85 1.0 1.1 1.3 1.5 1.6 1.8 1.9 2.1 2.2 2.3 2.3 2.3 2.3 2.3 2.2 2.1 1.9
59 OOOO   0   0 .11 .15 .19 .25 .32 .41 .51 .63 .76 .91 1.0 1.2 1.4 1.6 1.8 1.9 2.1 2.2 2.4 2.4 2.5 2.5 2.5 2.4 2.3 2.2 2.1
60 OOOO   0   0 .12 .16 .21 .27 .34 .43 .54 .67 .81 .97 1.1 1.3 1.5 1.7 1.9 2.1 2.2 2.4 2.5 2.6 2.7 2.7 2.7 2.6 2.5 2.4 2.2
61 OOOO   0   0 .12 .16 .21 .28 .36 .45 .57 .70 .85 1.0 1.1 1.3 1.5 1.8 2.0 2.2 2.3 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.3
62 OOOO   0   0 .12 .17 .22 .29 .37 .47 .58 .72 .87 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.9 2.9 2.9 2.8 2.7 2.6 2.4
63 OOOO   0   0 .13 .17 .22 .29 .38 .48 .59 .73 .89 1.0 1.2 1.4 1.6 1.8 2.1 2.3 2.5 2.6 2.8 2.9 2.9 3.0 2.9 2.9 2.8 2.6 2.4
64 OOOO   0   0 .13 .17 .22 .29 .38 .48 .59 .73 .89 1.0 1.2 1.4 1.6 1.9 2.1 2.3 2.5 2.6 2.8 2.9 3.0 3.0 2.9 2.9 2.8 2.6 2.5
65 OOOO   0   0 .12 .17 .22 .29 .37 .47 .59 .72 .88 1.0 1.2 1.4 1.6 1.8 2.0 2.3 2.4 2.6 2.8 2.9 2.9 2.9 2.9 2.9 2.7 2.6 2.4
66 OOOO   0   0 .12 .16 .22 .28 .36 .46 .57 .70 .85 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.8 2.9 2.8 2.8 2.7 2.5 2.4
67 OOOO   0   0 .12 .16 .21 .27 .35 .44 .55 .68 .82 .98 1.1 1.3 1.5 1.7 1.9 2.1 2.3 2.4 2.6 2.7 2.7 2.8 2.7 2.7 2.6 2.4 2.3
68 OOOO   0   0 .11 .15 .19 .25 .33 .41 .52 .64 .78 .93 1.1 1.2 1.4 1.6 1.8 2.0 2.2 2.3 2.4 2.5 2.6 2.6 2.6 2.5 2.4 2.3 2.2
69 OOOO   0   0 .10 .14 .18 .24 .30 .39 .48 .60 .72 .87 1.0 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.4 2.4 2.4 2.4 2.3 2.1 2.0
70 OOOO   0   0 .09 .13 .17 .22 .28 .35 .44 .55 .67 .80 .94 1.1 1.2 1.4 1.5 1.7 1.9 2.0 2.1 2.2 2.2 2.2 2.2 2.2 2.1 2.0 1.8
71 OOOO   0   0 .08 .11 .15 .20 .25 .32 .40 .50 .60 .72 .85 .99 1.1 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .08 .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   0   0   00000
43  .11 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .02 .01   0   0   00000
44  .15 .14 .12 .11 .09 .08 .07 .06 .05 .04 .03 .02 .02   0   0   00000
45  .20 .18 .16 .14 .12 .11 .09 .08 .06 .05 .04 .03 .02   0   0   00000
46  .25 .23 .21 .18 .16 .14 .12 .10 .08 .06 .05 .04 .03   0   0   00000
47  .32 .29 .26 .23 .20 .18 .15 .12 .10 .08 .07 .05 .04   0   0   00000
48  .40 .37 .33 .29 .26 .22 .19 .16 .13 .10 .08 .07 .05   0   0   00000
49  .50 .45 .41 .36 .32 .27 .23 .19 .16 .13 .10 .08 .06   0   0   00000
50  .61 .55 .50 .44 .38 .33 .28 .23 .19 .16 .13 .10 .08   0   0   00000
51  .73 .66 .60 .53 .46 .40 .34 .28 .23 .19 .15 .12 .09   0   0   00000
52  .86 .79 .71 .63 .55 .47 .40 .33 .28 .22 .18 .14 .11   0   0   00000
53  1.0 .92 .83 .73 .64 .55 .47 .39 .32 .26 .21 .17 .13   0   0   00000
54  1.1 1.0 .96 .85 .74 .63 .54 .45 .37 .30 .24 .19 .15   0   0   00000
55  1.3 1.2 1.0 .96 .84 .72 .61 .51 .42 .34 .27 .22 .17   0   0   00000
56  1.5 1.3 1.2 1.0 .94 .81 .69 .57 .47 .38 .31 .24 .19   0   0   00000
57  1.6 1.5 1.3 1.2 1.0 .90 .76 .64 .52 .43 .34 .27 .21   0   0   00000
58  1.8 1.6 1.4 1.3 1.1 .98 .83 .69 .57 .46 .37 .29 .23   0   0   00000
59  1.9 1.7 1.6 1.4 1.2 1.0 .89 .75 .61 .50 .40 .31 .24   0   0   00000
60  2.0 1.8 1.7 1.5 1.3 1.1 .95 .79 .65 .53 .42 .33 .26   0   0   00000
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61  2.1 1.9 1.7 1.5 1.3 1.1 .99 .83 .68 .55 .44 .35 .27   0   0   OOOOO
62  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .85 .70 .57 .46 .36 .28   0   0   OOOOO
63  2.3 2.0 1.8 1.6 1.4 1.2 1.0 .87 .71 .58 .46 .36 .28   0   0   OOOOO
64  2.3 2.1 1.8 1.6 1.4 1.2 1.0 .87 .72 .58 .46 .36 .28   0   0   OOOOO
65  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .86 .71 .57 .46 .36 .28   0   0   OOOOO
66  2.2 2.0 1.8 1.6 1.3 1.1 1.0 .84 .69 .56 .45 .35 .27   0   0   OOOOO
67  2.1 1.9 1.7 1.5 1.3 1.1 .97 .80 .66 .54 .43 .34 .26   0   0   OOOOO
68  2.0 1.8 1.6 1.4 1.2 1.0 .91 .76 .63 .51 .40 .32 .25   0   0   OOOOO
69  1.8 1.7 1.5 1.3 1.1 1.0 .85 .71 .58 .47 .38 .30 .23   0   0   OOOOO
70  1.7 1.5 1.4 1.2 1.0 .93 .78 .65 .54 .43 .35 .27 .21   0   0   OOOOO
71  1.5 1.4 1.2 1.1 .98 .84 .71 .59 .49 .39 .31 .25 .19   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .26 .43 .38 .18 .04   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 .87 2.6 4.4 3.9 1.9 .51 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 .85 4.8  15  25  22  11 2.8 .40 .03   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .25 2.5  15  46  79  70  33 8.5 1.2 .10   +   +   .   .
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .43 4.2  24  78 144 126  55  14 2.1 .21 .01   +   +   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .50 4.2  22  70 126 112  51  14 2.5 .35 .05   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .57 3.2  14  39  64  59  32  11 2.8 .63 .11 .01   +   +
15 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .14 .80 3.3  11  24  37  37  24  11 4.0 1.0 .22 .03   +   +
16 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .20 1.0 4.0  11  24  36  37  27  14 5.2 1.4 .31 .05   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .21 1.0 3.9  11  23  35  36  26  14 5.2 1.5 .34 .06 .01   +
18 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .18 .82 2.9 8.0  17  25  26  19  10 4.0 1.2 .32 .07 .01   +
19 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .03 .15 .58 1.8 4.7 9.3  14  14  11 6.1 2.7 .97 .30 .09 .02   +
20 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .13 .43 1.1 2.7 5.0 7.2 7.7 6.2 3.8 1.9 .82 .31 .10 .03 .01
21 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .04 .13 .37 .91 1.9 3.4 4.8 5.3 4.5 3.0 1.6 .77 .32 .12 .04 .01
22 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .13 .33 .77 1.5 2.7 3.9 4.4 3.9 2.6 1.5 .74 .33 .14 .05 .02
23 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .05 .13 .30 .66 1.3 2.2 3.1 3.5 3.1 2.2 1.3 .71 .35 .16 .07 .02
24 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .05 .13 .29 .60 1.0 1.7 2.4 2.7 2.5 1.9 1.2 .71 .38 .18 .08 .03
25 OOOO   0   .   .   .   .   .   .   +   +   +   + .01 .02 .06 .14 .30 .57 1.0 1.5 2.0 2.3 2.2 1.7 1.2 .75 .42 .22 .10 .05
26 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .15 .31 .57 .97 1.4 1.9 2.2 2.1 1.7 1.2 .80 .46 .25 .12 .06
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .16 .31 .57 .95 1.4 1.8 2.1 2.0 1.7 1.2 .83 .49 .27 .14 .07
28 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .04 .08 .17 .31 .55 .90 1.3 1.7 1.9 1.9 1.6 1.2 .83 .51 .30 .17 .09
29 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .31 .53 .83 1.1 1.5 1.7 1.7 1.5 1.1 .82 .53 .32 .19 .10
30 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .18 .31 .51 .78 1.0 1.3 1.5 1.5 1.3 1.1 .82 .55 .35 .21 .12
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .10 .19 .32 .51 .75 1.0 1.2 1.4 1.4 1.3 1.0 .82 .57 .37 .23 .14
32 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .11 .19 .32 .50 .72 .97 1.2 1.3 1.3 1.2 1.0 .82 .59 .39 .25 .15
33 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .03 .06 .11 .20 .32 .48 .69 .92 1.1 1.2 1.2 1.2 1.0 .80 .59 .41 .27 .17
34 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .31 .46 .65 .86 1.0 1.1 1.1 1.1 .97 .78 .58 .41 .28 .18
35 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .31 .45 .62 .79 .96 1.0 1.0 1.0 .92 .75 .58 .42 .29 .19
36 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .08 .13 .20 .30 .43 .58 .74 .88 .98 1.0 .97 .87 .72 .57 .42 .30 .20
37 OOOO   +   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .20 .29 .41 .55 .69 .82 .91 .94 .91 .82 .70 .56 .43 .31 .21
38 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .20 .29 .40 .52 .65 .77 .85 .88 .86 .78 .67 .55 .42 .31 .22
39 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .09 .13 .20 .28 .38 .50 .61 .72 .79 .82 .80 .74 .65 .53 .42 .32 .23
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .13 .19 .27 .37 .47 .58 .67 .73 .76 .75 .70 .62 .52 .41 .32 .24
41 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .19 .26 .35 .44 .54 .62 .68 .71 .70 .66 .59 .50 .41 .32 .24
42 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .19 .26 .33 .42 .51 .58 .63 .66 .66 .62 .56 .48 .40 .31 .24
43 OOOO   +   +   +   +   +   +   + .01 .01 .03 .04 .06 .09 .13 .18 .25 .32 .40 .47 .54 .59 .62 .61 .58 .53 .46 .39 .31 .24
44 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .18 .24 .30 .38 .45 .51 .55 .58 .57 .55 .50 .44 .37 .31 .24
45 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .18 .23 .29 .36 .42 .47 .52 .54 .54 .52 .48 .42 .36 .30 .24
46 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .04 .07 .09 .13 .17 .22 .28 .34 .39 .44 .48 .50 .50 .49 .45 .40 .35 .29 .24
47 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .13 .17 .21 .26 .32 .37 .41 .45 .47 .47 .46 .43 .38 .34 .28 .23
48 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .16 .20 .25 .30 .35 .39 .42 .44 .44 .43 .40 .37 .32 .28 .23
49 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .24 .28 .33 .36 .39 .41 .41 .40 .38 .35 .31 .27 .22
50 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .23 .27 .31 .34 .37 .38 .39 .38 .36 .33 .29 .26 .22
51 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .11 .14 .18 .21 .25 .29 .32 .34 .36 .36 .35 .34 .31 .28 .25 .21
52 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .11 .14 .17 .20 .24 .27 .30 .32 .33 .34 .33 .32 .30 .27 .24 .20
53 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .11 .13 .16 .19 .22 .25 .28 .30 .31 .31 .31 .30 .28 .25 .23 .20
54 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .13 .15 .18 .21 .24 .26 .28 .29 .29 .29 .28 .26 .24 .21 .19
55 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .08 .10 .12 .14 .17 .20 .22 .24 .26 .27 .27 .27 .26 .25 .23 .20 .18
56 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .11 .14 .16 .18 .20 .22 .24 .25 .25 .25 .24 .23 .21 .19 .17
57 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .09 .11 .13 .15 .17 .19 .21 .22 .23 .24 .23 .23 .22 .20 .18 .16
58 OOOO   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .10 .12 .14 .16 .18 .19 .21 .21 .22 .22 .21 .20 .19 .17 .15
59 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .15 .16 .18 .19 .20 .20 .20 .19 .19 .17 .16 .14
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60 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .14 .15 .16 .17 .18 .18 .18 .18 .17 .16 .15 .13
61 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .07 .08 .09 .11 .12 .14 .15 .16 .16 .17 .17 .16 .16 .15 .14 .12
62 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .14 .14 .15 .15 .15 .15 .14 .14 .13 .11
63 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .14 .14 .14 .13 .12 .11 .10
64 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .12 .12 .12 .12 .12 .11 .10 .09
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .11 .10 .09 .08
66 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .08
67 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .08 .09 .09 .09 .08 .08 .07 .07
68 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .06 .06 .07 .07 .07 .07 .08 .07 .07 .07 .06 .06
69 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .05 .05
70 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .06 .05 .05 .05 .05 .04
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .05 .05 .05 .05 .04 .04 .04 .04
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
19    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
21    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0OOOO
22    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0OOOO
23  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
24  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0OOOO
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
26  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
29  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
30  .06 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
32  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .OOOO
33  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .OOOO
34  .11 .07 .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .OOOO
35  .12 .08 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .OOOO
36  .13 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .OOOO
37  .14 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   +OOOO
38  .15 .10 .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +OOOO
39  .16 .11 .07 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +OOOO
40  .17 .12 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
41  .17 .12 .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
42  .18 .13 .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +OOOO
43  .18 .13 .10 .07 .04 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
44  .18 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
45  .19 .14 .10 .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +OOOO
46  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
47  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
48  .18 .15 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
49  .18 .14 .11 .09 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +OOOO
50  .18 .14 .11 .09 .07 .05 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
51  .18 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
52  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
53  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
54  .16 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
55  .15 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
56  .15 .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
57  .14 .12 .10 .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
58  .13 .11 .10 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
59  .13 .11 .09 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
60  .12 .10 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
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61  .11 .09 .08 .07 .06 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
62  .10 .09 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
63  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
64  .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
65  .08 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +OOOO
66  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
67  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
68  .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
69  .05 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
70  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
71  .03 .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.       22.68      0.0000E+00   2008.      0.0000E+00   13.50      0.200000E-02
  2        4782.         1877.       1.187      0.0000E+00   2067.      0.0000E+00   13.50      0.200000E-02
  3        4781.         1877.      0.8653      0.0000E+00   2120.      0.0000E+00   13.50      0.200000E-02
  4        4781.         1877.      0.6227      0.0000E+00   2163.      0.0000E+00   13.50      0.200000E-02
  5        4781.         1877.      0.4550      0.0000E+00   2198.      0.0000E+00   13.50      0.200000E-02
  6        4781.         1877.      0.3507      0.0000E+00   2226.      0.0000E+00   13.50      0.200000E-02
  7        4781.         1877.      0.2795      0.0000E+00   2250.      0.0000E+00   13.50      0.200000E-02
  8        4780.         1877.      0.2382      0.0000E+00   2271.      0.0000E+00   13.50      0.200000E-02
  9        4780.         1877.      0.2064      0.0000E+00   2290.      0.0000E+00   13.50      0.200000E-02
 10        4780.         1877.      0.1827      0.0000E+00   2307.      0.0000E+00   13.50      0.200000E-02
 11        4656.         1868.       60.57      0.0000E+00   2310.      0.0000E+00   13.50      0.200000E-02
```

```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    0    0    0    0    0    0
 6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    .    .    0    0    0    0    0
 7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .02  .02  .01    +    +    .    .    0    0    0
 8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .08  .26  .43  .38  .18  .04    +    +    .    0    0    0
 9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .15  .87  2.6  4.4  3.9  1.9  .51  .07    +    +    .    0    0
10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .08  .85  4.8   15   25   22   11  2.8  .40  .03    +    .    .    0
11 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .25  2.5   15   46   79   70   33  8.5  1.2  .10    +    +    .    .
12 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .02  .43  4.2   24   78  144  126   55   14  2.1  .21  .01    +    +    .
13 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .04  .50  4.2   22   70  126  112   51   14  2.5  .35  .05    +    +    .
14 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .08  .57  3.2   14   39   64   59   32   11  2.8  .63  .11  .01    +    +
15 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +  .02  .14  .80  3.3   11   24   37   37   24   11  4.0  1.0  .22  .03    +    +
16 OOOO    0    0    0    0    0    0    0    0    .    .    .    +    +  .02  .20  1.0  4.0   11   24   36   37   27   14  5.2  1.4  .31  .05    +    +
17 OOOO    0    0    0    0    0    0    0    0    .    .    +    +    +  .03  .21  1.0  3.9   11   23   35   36   26   14  5.2  1.5  .34  .06  .01    +
18 OOOO    0    0    0    0    0    0    0    .    .    .    +    +    +  .03  .18  .82  2.9  8.0   17   25   26   19   10  4.0  1.2  .32  .07  .01    +
19 OOOO    0    0    0    0    0    0    .    .    .    .    +    +    +  .03  .15  .58  1.8  4.7  9.3   14   14   11  6.1  2.7  .97  .30  .09  .02    +
20 OOOO    0    0    0    0    0    .    .    .    .    +    +    +  .01  .03  .13  .43  1.1  2.7  5.0  7.2  7.7  6.2  3.8  1.9  .82  .31  .10  .03  .01
21 OOOO    0    0    0    0    0    .    .    .    .    +    +    +  .01  .04  .13  .37  .91  1.9  3.4  4.8  5.3  4.5  3.0  1.6  .77  .32  .12  .04  .01
22 OOOO    0    0    0    0    .    .    .    .    +    +    +    +  .01  .04  .13  .33  .77  1.5  2.7  3.9  4.4  3.9  2.6  1.5  .74  .33  .14  .05  .02
23 OOOO    0    0    0    .    .    .    .    .    +    +    +    +  .01  .05  .13  .30  .66  1.3  2.2  3.1  3.5  3.1  2.2  1.3  .71  .35  .16  .07  .02
24 OOOO    0    0    .    .    .    .    .    +    +    +    +    +  .02  .05  .13  .29  .60  1.0  1.7  2.4  2.7  2.5  1.9  1.2  .71  .38  .18  .08  .03
25 OOOO    0    .    .    .    .    .    .    +    +    +    +  .01  .02  .06  .14  .30  .57  1.0  1.5  2.0  2.3  2.2  1.7  1.2  .75  .42  .22  .10  .05
26 OOOO    .    .    .    .    .    .    +    +    +    +    +  .01  .03  .07  .15  .31  .57  .97  1.4  1.9  2.2  2.1  1.7  1.2  .80  .46  .25  .12  .06
27 OOOO    .    .    .    .    .    .    +    +    +    +    +  .01  .03  .08  .16  .31  .57  .95  1.4  1.8  2.1  2.0  1.7  1.2  .83  .49  .27  .14  .07
28 OOOO    .    .    .    .    .    +    +    +    +    +    +  .01  .04  .08  .17  .31  .55  .90  1.3  1.7  1.9  1.9  1.6  1.2  .83  .51  .30  .17  .09
29 OOOO    .    .    .    .    .    +    +    +    +    +  .01  .02  .04  .09  .17  .31  .53  .83  1.1  1.5  1.7  1.7  1.5  1.1  .82  .53  .32  .19  .10
30 OOOO    .    .    .    .    +    +    +    +    +    +  .01  .02  .05  .10  .18  .31  .51  .78  1.0  1.3  1.5  1.5  1.3  1.1  .82  .55  .35  .21  .12
31 OOOO    .    .    .    .    +    +    +    +    +    +  .01  .03  .05  .10  .19  .32  .51  .75  1.0  1.2  1.4  1.4  1.3  1.0  .82  .57  .37  .23  .14
32 OOOO    .    .    .    +    +    +    +    +    +    +  .01  .03  .06  .11  .19  .32  .50  .72  .97  1.2  1.3  1.3  1.2  1.0  .82  .59  .39  .25  .15
33 OOOO    .    .    +    +    +    +    +    +    +  .01  .02  .03  .06  .11  .20  .32  .48  .69  .92  1.1  1.2  1.2  1.2  1.0  .80  .59  .41  .27  .17
34 OOOO    .    .    +    +    +    +    +    +    +  .01  .02  .04  .07  .12  .20  .31  .46  .65  .86  1.0  1.1  1.1  1.1  .97  .78  .58  .41  .28  .18
35 OOOO    .    +    +    +    +    +    +    +    +  .01  .02  .04  .07  .12  .20  .31  .45  .62  .79  .96  1.0  1.0  1.0  .92  .75  .58  .42  .29  .19
36 OOOO    .    +    +    +    +    +    +    +    +  .01  .02  .04  .08  .13  .20  .30  .43  .58  .74  .88  .98  1.0  .97  .87  .72  .57  .42  .30  .20
37 OOOO    +    +    +    +    +    +    +    +  .01  .01  .03  .05  .08  .13  .20  .29  .41  .55  .69  .82  .91  .94  .91  .82  .70  .56  .43  .31  .21
38 OOOO    +    +    +    +    +    +    +    +  .01  .02  .03  .05  .08  .13  .20  .29  .40  .52  .65  .77  .85  .88  .86  .78  .67  .55  .42  .31  .22
39 OOOO    +    +    +    +    +    +    +    +  .01  .02  .03  .05  .09  .13  .20  .28  .38  .50  .61  .72  .79  .82  .80  .74  .65  .53  .42  .32  .23
40 OOOO    +    +    +    +    +    +    +    +  .01  .02  .03  .06  .09  .13  .19  .27  .37  .47  .58  .67  .73  .76  .75  .70  .62  .52  .41  .32  .24
41 OOOO    +    +    +    +    +    +    +  .01  .01  .02  .04  .06  .09  .13  .19  .26  .35  .44  .54  .62  .68  .71  .70  .66  .59  .50  .41  .32  .24
42 OOOO    +    +    +    +    +    +    +  .01  .01  .02  .04  .06  .09  .13  .19  .26  .33  .42  .51  .58  .63  .66  .66  .62  .56  .48  .40  .31  .24
43 OOOO    +    +    +    +    +    +    +  .01  .01  .03  .04  .06  .09  .13  .18  .25  .32  .40  .47  .54  .59  .62  .61  .58  .53  .46  .39  .31  .24
44 OOOO    +    +    +    +    +    +    +  .01  .02  .03  .04  .06  .09  .13  .18  .24  .30  .38  .45  .51  .55  .58  .57  .55  .50  .44  .37  .31  .24
45 OOOO    +    +    +    +    +    +    +  .01  .02  .03  .04  .06  .09  .13  .18  .23  .29  .36  .42  .47  .52  .54  .54  .52  .48  .42  .36  .30  .24
46 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .04  .07  .09  .13  .17  .22  .28  .34  .39  .44  .48  .50  .50  .49  .45  .40  .35  .29  .24
47 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .05  .07  .09  .13  .17  .21  .26  .32  .37  .41  .45  .47  .47  .46  .43  .38  .34  .28  .23
48 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .05  .07  .09  .12  .16  .20  .25  .30  .35  .39  .42  .44  .44  .43  .40  .37  .32  .28  .23
49 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .05  .07  .09  .12  .15  .19  .24  .28  .33  .36  .39  .41  .41  .40  .38  .35  .31  .27  .22
50 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .05  .07  .09  .12  .15  .19  .23  .27  .31  .34  .37  .38  .39  .38  .36  .33  .29  .26  .22
51 OOOO    +    +    +    +    +    +  .01  .01  .02  .03  .05  .06  .09  .11  .14  .18  .21  .25  .29  .32  .34  .36  .36  .35  .34  .31  .28  .25  .21
52 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .05  .06  .08  .11  .14  .17  .20  .24  .27  .30  .32  .33  .34  .33  .32  .30  .27  .24  .20
53 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .05  .06  .08  .11  .13  .16  .19  .22  .25  .28  .30  .31  .31  .31  .30  .28  .25  .23  .20
54 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .05  .06  .08  .10  .13  .15  .18  .21  .24  .26  .28  .29  .29  .29  .28  .26  .24  .21  .19
55 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .04  .06  .08  .10  .12  .14  .17  .20  .22  .24  .26  .27  .27  .27  .26  .25  .23  .20  .18
56 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .04  .06  .07  .09  .11  .14  .16  .18  .20  .22  .24  .25  .25  .25  .24  .23  .21  .19  .17
57 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .04  .05  .07  .09  .11  .13  .15  .17  .19  .21  .22  .23  .24  .23  .23  .22  .20  .18  .16
58 OOOO    +    +    +    +    +  .01  .01  .02  .02  .03  .04  .05  .07  .08  .10  .12  .14  .16  .18  .19  .21  .21  .22  .22  .21  .20  .19  .17  .15
59 OOOO    +    +    +    +    +  .01  .01  .01  .02  .03  .04  .05  .06  .08  .09  .11  .13  .15  .16  .18  .19  .20  .20  .20  .19  .19  .17  .16  .14
```

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60 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .14 .15 .16 .17 .18 .18 .18 .18 .17 .16 .15 .13
61 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .07 .08 .09 .11 .12 .14 .15 .16 .16 .17 .17 .16 .16 .15 .14 .12
62 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .14 .14 .15 .15 .15 .15 .14 .14 .13 .11
63 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .14 .14 .14 .13 .12 .11 .10
64 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .12 .12 .12 .12 .12 .11 .10 .09
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .11 .10 .09 .08
66 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .08
67 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .08 .09 .09 .09 .08 .08 .07 .07
68 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .06 .06 .07 .07 .07 .07 .08 .07 .07 .07 .06 .06
69 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .05 .05
70 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .06 .05 .05 .05 .05 .04
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .05 .05 .05 .05 .04 .04 .04 .04
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
18    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
19    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
20    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
21    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0OOOO
22    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0OOOO
23  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
24  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0OOOO
25  .02   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
26  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
28  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
29  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
30  .06 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
31  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
32  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .OOOO
33  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .OOOO
34  .11 .07 .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .OOOO
35  .12 .08 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .OOOO
36  .13 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .OOOO
37  .14 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   +OOOO
38  .15 .10 .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +OOOO
39  .16 .11 .07 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +OOOO
40  .17 .12 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
41  .17 .12 .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
42  .18 .13 .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +OOOO
43  .18 .13 .10 .07 .04 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
44  .18 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
45  .19 .14 .10 .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +OOOO
46  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
47  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
48  .18 .15 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
49  .18 .14 .11 .09 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +OOOO
50  .18 .14 .11 .09 .07 .05 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
51  .18 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
52  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
53  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
54  .16 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
55  .15 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
56  .15 .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
57  .14 .12 .10 .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
58  .13 .11 .10 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
59  .13 .11 .09 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +OOOO
60  .12 .10 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
```

```
61  .11 .09 .08 .07 .06 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
62  .10 .09 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
63  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
64  .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
65  .08 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +OOOO
66  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
67  .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
68  .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
69  .05 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
70  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
71  .03 .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .03 .03 .01   +   +   .   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .06 .11 .10 .04 .01   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .11 .21 .19 .08 .02   +   +   .   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .19 .16 .07 .02   +   +   .   .   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .05 .09 .08 .04 .01   +   +   +   .   .   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .05 .05 .03 .01   +   +   +   .   .   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .05 .05 .04 .02   +   +   +   .   .   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .05 .05 .03 .02   +   +   +   +   .   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .02 .03 .03 .02 .01   +   +   +   +   .   .
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .02 .02 .01   +   +   +   +   +   .   .
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01   +   +   +   +   +   +   .   .
21 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
25 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
26 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
27 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
28 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
29 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
30 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
31 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
32 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
30    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
31    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
32    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
33    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
34    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
36    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
37    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
38    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
39    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
40    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
41    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
42    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
45    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
46    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
47    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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```
    BEGIN LONG TERM SIMULATION OF FATE OF copper


SUMMARY OF copper   DISTRIBUTIONS AFTER    1200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     498.17
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SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        846.4         1599.      0.1142E+06  0.1137E+06   339.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    2400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.39
```

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SMALL CLOUDS AT    2400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1204.         1625.      0.2028E+06  0.2023E+06   462.8      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    3600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.38
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .02 .03 .02 .02 .01   +   +   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .04 .07 .10 .11 .10 .07 .04 .02   +   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .06 .13 .21 .28 .31 .28 .21 .13 .06 .02   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .15 .30 .50 .67 .74 .67 .50 .30 .15 .06   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .12 .29 .59 .96 1.2 1.4 1.2 .96 .58 .29 .12   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .19 .46 .93 1.5 2.0 2.2 2.0 1.5 .93 .46 .19   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .08 .25 .60 1.2 1.9 2.6 2.9 2.6 1.9 1.2 .60 .25   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .09 .26 .64 1.2 2.1 2.8 3.1 2.8 2.1 1.2 .64 .26   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .07 .23 .56 1.1 1.8 2.4 2.7 2.4 1.8 1.1 .56 .23   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .16 .40 .81 1.3 1.7 1.9 1.7 1.3 .80 .40 .16   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .09 .24 .47 .78 1.0 1.1 1.0 .78 .47 .24 .09   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .11 .23 .37 .50 .56 .50 .37 .23 .11 .04   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .15 .20 .22 .20 .15 .09 .04 .01   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .03 .04 .03 .02 .01   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .07 .10 .11 .10 .07 .04 .02 .01   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .05 .11 .18 .24 .27 .24 .18 .11 .05 .02   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .10 .21 .35 .47 .52 .47 .35 .21 .10 .04   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .17 .34 .56 .75 .83 .75 .56 .34 .17 .07   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .09 .22 .44 .72 .97 1.0 .97 .72 .44 .22 .09   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .09 .23 .47 .77 1.0 1.1 1.0 .77 .47 .23 .09   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .20 .41 .68 .91 1.0 .91 .67 .41 .20 .08   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .15 .29 .48 .65 .72 .65 .48 .29 .15 .06   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .08 .17 .28 .38 .42 .38 .28 .17 .08 .03   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .08 .14 .18 .20 .18 .14 .08 .04 .01   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .05 .07 .08 .07 .05 .03 .01   +   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1562.         1650.      0.3464E+06  0.3459E+06   599.8      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    4800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.38
```

```
SMALL CLOUDS AT    4800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1919.         1675.      0.5452E+06  0.5447E+06   749.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    6000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.38
```

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SMALL CLOUDS AT    6000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2277.         1700.      0.8085E+06  0.8080E+06   910.1      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    7200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.38
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .05 .06 .08 .10 .10 .11 .10 .10 .08 .06 .05 .03 .02
25 0000   0   0   0   0   0   0   0   0   0   +   + .01 .01 .03 .05 .07 .10 .14 .17 .20 .22 .22 .22 .20 .17 .14 .10 .07 .05
26 0000   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .06 .09 .14 .20 .26 .33 .38 .42 .43 .42 .38 .33 .26 .20 .14 .09
27 0000   0   0   0   0   0   0   0   0   0   + .02 .03 .06 .11 .17 .26 .36 .47 .59 .68 .75 .77 .75 .68 .59 .47 .36 .26 .17
28 0000   0   0   0   0   0   0   0   0   0 .01 .03 .06 .11 .18 .29 .43 .61 .80 .99 1.1 1.2 1.3 1.2 1.1 .99 .80 .61 .44 .29
29 0000   0   0   0   0   0   0   0   0   0 .02 .05 .10 .17 .29 .47 .69 .97 1.2 1.5 1.8 2.0 2.0 2.0 1.8 1.5 1.2 .97 .70 .47
30 0000   0   0   0   0   0   0   0   0   0 .03 .07 .15 .26 .44 .70 1.0 1.4 1.9 2.3 2.7 2.9 3.0 3.0 2.7 2.3 1.9 1.4 1.0 .70
31 0000   0   0   0   0   0   0   0   0   0 .05 .11 .21 .37 .62 .98 1.4 2.0 2.6 3.3 3.8 4.2 4.3 4.2 3.8 3.3 2.6 2.0 1.4 .99
32 0000   0   0   0   0   0   0   0   0   0 .07 .14 .27 .49 .82 1.3 1.9 2.6 3.5 4.3 5.0 5.5 5.7 5.5 5.0 4.3 3.5 2.7 1.9 1.3
33 0000   0   0   0   0   0   0   0   0   0 .09 .18 .34 .61 1.0 1.6 2.4 3.3 4.4 5.4 6.3 6.9 7.1 6.9 6.3 5.4 4.4 3.3 2.4 1.6
34 0000   0   0   0   0   0   0   0   0   0 .10 .21 .40 .72 1.2 1.9 2.8 3.9 5.1 6.3 7.4 8.1 8.3 8.1 7.4 6.3 5.1 3.9 2.8 1.9
35 0000   0   0   0   0   0   0   0   0   0 .11 .23 .44 .79 1.3 2.0 3.1 4.3 5.6 7.0 8.1 8.9 9.2 8.9 8.1 7.0 5.7 4.3 3.1 2.1
36 0000   0   0   0   0   0   0   0   0   0 .12 .24 .46 .82 1.3 2.1 3.2 4.5 5.9 7.3 8.5 9.3  10 9.3 8.5 7.3 5.9 4.5 3.2 2.1
37 0000   0   0   0   0   0   0   0   0   0 .12 .24 .45 .81 1.3 2.1 3.1 4.4 5.7 7.1 8.3 9.1 9.3 9.1 8.3 7.1 5.7 4.4 3.1 2.1
38 0000   0   0   0   0   0   0   0   0   0 .11 .22 .41 .74 1.2 1.9 2.9 4.0 5.3 6.5 7.6 8.3 8.6 8.3 7.6 6.5 5.3 4.0 2.9 1.9
39 0000   0   0   0   0   0   0   0   0   0 .09 .19 .36 .64 1.0 1.6 2.5 3.5 4.6 5.6 6.6 7.2 7.4 7.2 6.6 5.7 4.6 3.5 2.5 1.7
40 0000   0   0   0   0   0   0   0   0   0 .07 .15 .29 .52 .88 1.3 2.0 2.8 3.7 4.6 5.4 5.9 6.1 5.9 5.4 4.6 3.7 2.8 2.0 1.3
41 0000   0   0   0   0   0   0   0   0   0 .06 .12 .22 .40 .67 1.0 1.5 2.1 2.8 3.5 4.1 4.5 4.6 4.5 4.1 3.5 2.8 2.2 1.5 1.0
42 0000   0   0   0   0   0   0   0   0   0 .04 .08 .16 .29 .48 .76 1.1 1.5 2.0 2.5 3.0 3.2 3.3 3.2 3.0 2.5 2.0 1.5 1.1 .77
43 0000   0   0   0   0   0   0   0   0   0 .02 .05 .11 .19 .33 .52 .77 1.0 1.4 1.7 2.0 2.2 2.3 2.2 2.0 1.7 1.4 1.0 .77 .52
44 0000   0   0   0   0   0   0   0   0   0 .01 .03 .07 .12 .21 .33 .49 .69 .90 1.1 1.3 1.4 1.4 1.4 1.3 1.1 .91 .69 .49 .33
45 0000   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .12 .20 .29 .41 .54 .67 .78 .86 .89 .86 .78 .67 .54 .41 .30 .20
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .03 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .06 .03   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .11 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .18 .11   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .30 .18   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .44 .26   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .63 .37   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .83 .49   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  1.0 .62   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  1.2 .72   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  1.3 .80   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  1.3 .83   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  1.3 .81   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  1.2 .75   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  1.0 .65   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .88 .53   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .68 .40   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .49 .29   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .33 .20   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .21 .12   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .12 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .03 .02 .01 .01   +
25 0000   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .03 .05 .06 .07 .08 .08 .08 .07 .06 .05 .03 .02 .01
26 0000   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .05 .07 .09 .12 .14 .15 .16 .15 .14 .12 .09 .07 .05 .03
27 0000   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .06 .09 .13 .17 .21 .25 .27 .28 .27 .25 .21 .17 .13 .09 .06
28 0000   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .06 .10 .16 .22 .29 .36 .42 .46 .48 .46 .42 .36 .29 .22 .16 .11
29 0000   0   0   0   0   0   0   0   0   0   + .01 .03 .06 .11 .17 .25 .35 .47 .58 .67 .74 .76 .74 .67 .58 .47 .36 .25 .17
30 0000   0   0   0   0   0   0   0   0   0 .01 .02 .05 .09 .16 .25 .38 .53 .70 .86 1.0 1.1 1.1 1.1 1.0 .87 .70 .53 .38 .26
31 0000   0   0   0   0   0   0   0   0   0 .02 .04 .07 .13 .23 .36 .53 .75 .98 1.2 1.4 1.5 1.6 1.5 1.4 1.2 .99 .75 .54 .36
32 0000   0   0   0   0   0   0   0   0   0 .02 .05 .10 .18 .30 .48 .71 .99 1.3 1.6 1.8 2.0 2.1 2.0 1.8 1.6 1.3 .99 .71 .48
33 0000   0   0   0   0   0   0   0   0   0 .03 .06 .12 .22 .38 .60 .88 1.2 1.6 2.0 2.3 2.5 2.6 2.5 2.3 2.0 1.6 1.2 .89 .60
34 0000   0   0   0   0   0   0   0   0   0 .03 .07 .15 .26 .44 .70 1.0 1.4 1.9 2.3 2.7 3.0 3.0 3.0 2.7 2.3 1.9 1.4 1.0 .70
35 0000   0   0   0   0   0   0   0   0   0 .04 .08 .16 .29 .49 .77 1.1 1.6 2.1 2.6 3.0 3.3 3.4 3.3 3.0 2.6 2.1 1.6 1.1 .77
36 0000   0   0   0   0   0   0   0   0   0 .04 .09 .17 .30 .51 .80 1.1 1.6 2.1 2.7 3.1 3.4 3.5 3.4 3.1 2.7 2.1 1.6 1.1 .80
37 0000   0   0   0   0   0   0   0   0   0 .04 .08 .16 .29 .50 .78 1.1 1.6 2.1 2.6 3.0 3.3 3.4 3.3 3.0 2.6 2.1 1.6 1.1 .79
38 0000   0   0   0   0   0   0   0   0   0 .04 .08 .15 .27 .46 .72 1.0 1.4 1.9 2.4 2.8 3.0 3.1 3.0 2.8 2.4 1.9 1.5 1.0 .72
39 0000   0   0   0   0   0   0   0   0   0 .03 .07 .13 .23 .39 .62 .93 1.2 1.7 2.1 2.4 2.6 2.7 2.6 2.4 2.1 1.7 1.3 .93 .63
40 0000   0   0   0   0   0   0   0   0   0 .02 .05 .10 .19 .32 .51 .75 1.0 1.3 1.7 1.9 2.1 2.2 2.1 2.0 1.7 1.3 1.0 .76 .51
41 0000   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .24 .39 .58 .81 1.0 1.3 1.5 1.6 1.7 1.6 1.5 1.3 1.0 .81 .58 .39
42 0000   0   0   0   0   0   0   0   0   0 .01 .03 .06 .10 .18 .28 .42 .58 .77 .95 1.1 1.2 1.2 1.2 1.1 .95 .77 .58 .42 .28
43 0000   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .12 .19 .28 .39 .52 .64 .75 .82 .85 .82 .75 .64 .52 .40 .28 .19
44 0000   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .12 .18 .25 .33 .41 .48 .52 .54 .52 .48 .41 .33 .25 .18 .12
45 0000   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .07 .11 .15 .20 .25 .29 .31 .32 .31 .29 .25 .20 .15 .11 .07
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .07 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .11 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .16 .09   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .23 .13   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .30 .18   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .38 .22   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .44 .26   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .49 .29   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .51 .30   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .50 .30   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .46 .27   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .40 .24   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .32 .19   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .25 .15   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .18 .10   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .12 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .07 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2634.         1725.      0.1146E+07  0.1145E+07   1082.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    8400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.38
```

```
SMALL CLOUDS AT    8400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2992.         1751.      0.1566E+07  0.1566E+07   1264.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    9600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.50
```

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SMALL CLOUDS AT    9600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3350.         1776.      0.2080E+07  0.2079E+07   1455.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   10800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.50
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .11 .11 .12 .12 .12 .12 .11 .10 .09 .07
35 OOOO   0   0   0   0   0   0   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .11 .13 .15 .16 .18 .18 .19 .18 .18 .16 .15 .13 .12
36 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .12 .14 .17 .20 .22 .24 .26 .27 .27 .27 .26 .24 .22 .20 .17
37 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .17 .21 .25 .28 .32 .35 .38 .39 .40 .39 .38 .35 .32 .29 .25
38 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .08 .11 .15 .19 .24 .29 .35 .40 .45 .49 .53 .55 .55 .55 .53 .49 .45 .40 .35
39 OOOO   0   0   0   0   0   0 .02 .04 .06 .08 .11 .15 .20 .26 .33 .40 .47 .55 .61 .67 .72 .75 .76 .75 .72 .67 .62 .55 .47
40 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .15 .21 .27 .35 .44 .53 .63 .72 .81 .89 .95 .99 1.0 .99 .95 .89 .82 .73 .63
41 OOOO   0   0   0   0   0   0 .04 .07 .10 .14 .20 .27 .35 .45 .56 .69 .81 .94 1.0 1.1 1.2 1.2 1.3 1.2 1.2 1.1 1.0 .94 .82
42 OOOO   0   0   0   0   0   0 .06 .08 .13 .18 .25 .34 .45 .57 .71 .87 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0
43 OOOO   0   0   0   0   0   0 .07 .11 .16 .22 .31 .42 .55 .70 .87 1.0 1.2 1.4 1.6 1.7 1.9 1.9 2.0 1.9 1.9 1.7 1.6 1.4 1.2
44 OOOO   0   0   0   0   0   0 .08 .13 .19 .27 .37 .50 .66 .84 1.0 1.2 1.5 1.7 1.9 2.1 2.2 2.3 2.4 2.3 2.2 2.1 1.9 1.7 1.5
45 OOOO   0   0   0   0   0   0 .10 .15 .22 .31 .43 .58 .76 .98 1.2 1.4 1.7 2.0 2.2 2.4 2.6 2.7 2.8 2.7 2.6 2.4 2.2 2.0 1.7
46 OOOO   0   0   0   0   0   0 .11 .17 .25 .35 .49 .66 .87 1.1 1.3 1.6 1.9 2.3 2.5 2.8 3.0 3.1 3.1 3.1 3.0 2.8 2.5 2.3 2.0
47 OOOO   0   0   0   0   0   0 .12 .19 .28 .39 .54 .73 .96 1.2 1.5 1.8 2.2 2.5 2.8 3.1 3.3 3.4 3.5 3.4 3.3 3.1 2.8 2.5 2.2
48 OOOO   0   0   0   0   0   0 .13 .20 .30 .42 .59 .79 1.0 1.3 1.6 2.0 2.3 2.7 3.0 3.3 3.6 3.7 3.7 3.7 3.6 3.3 3.0 2.7 2.3
49 OOOO   0   0   0   0   0   0 .14 .21 .31 .45 .62 .83 1.0 1.4 1.7 2.1 2.5 2.8 3.2 3.5 3.7 3.9 3.9 3.9 3.7 3.5 3.2 2.8 2.5
50 OOOO   0   0   0   0   0   0 .15 .22 .32 .46 .63 .85 1.1 1.4 1.7 2.1 2.5 2.9 3.3 3.6 3.8 4.0 4.0 4.0 3.8 3.6 3.3 2.9 2.5
51 OOOO   0   0   0   0   0   0 .14 .22 .32 .46 .63 .85 1.1 1.4 1.7 2.1 2.5 2.9 3.3 3.6 3.8 4.0 4.0 4.0 3.8 3.6 3.3 2.9 2.5
52 OOOO   0   0   0   0   0   0 .14 .21 .31 .44 .61 .83 1.0 1.3 1.7 2.1 2.4 2.8 3.2 3.5 3.7 3.9 3.9 3.9 3.7 3.5 3.2 2.8 2.5
53 OOOO   0   0   0   0   0   0 .13 .20 .29 .42 .58 .78 1.0 1.3 1.6 1.9 2.3 2.7 3.0 3.3 3.5 3.7 3.7 3.7 3.5 3.3 3.0 2.7 2.3
54 OOOO   0   0   0   0   0   0 .12 .19 .27 .39 .54 .72 .95 1.2 1.5 1.8 2.1 2.5 2.8 3.0 3.3 3.4 3.4 3.4 3.3 3.1 2.8 2.5 2.1
55 OOOO   0   0   0   0   0   0 .11 .17 .24 .35 .48 .65 .86 1.0 1.3 1.6 1.9 2.2 2.5 2.7 2.9 3.0 3.1 3.0 2.9 2.7 2.5 2.2 1.9
56 OOOO   0   0   0   0   0   0 .10 .15 .21 .30 .42 .57 .75 .96 1.2 1.4 1.7 1.9 2.2 2.4 2.6 2.7 2.7 2.7 2.6 2.4 2.2 1.9 1.7
57 OOOO   0   0   0   0   0   0 .08 .12 .18 .26 .36 .49 .64 .82 1.0 1.2 1.4 1.6 1.9 2.0 2.2 2.3 2.3 2.3 2.2 2.0 1.9 1.7 1.4
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58 OOOO   0   0   0   0   0   0 .07 .10 .15 .22 .30 .41 .53 .68 .85 1.0 1.2 1.4 1.5 1.7 1.8 1.9 1.9 1.9 1.8 1.7 1.5 1.4 1.2
59 OOOO   0   0   0   0   0   0 .05 .08 .12 .17 .24 .33 .43 .55 .69 .84 .99 1.1 1.2 1.4 1.5 1.5 1.5 1.5 1.5 1.4 1.2 1.1 1.0
60 OOOO   0   0   0   0   0   0 .04 .06 .10 .14 .19 .26 .34 .44 .55 .66 .79 .91 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 .91 .79
61 OOOO   0   0   0   0   0   0 .03 .05 .07 .10 .15 .20 .26 .34 .42 .51 .60 .70 .78 .86 .92 .95 .97 .95 .92 .86 .79 .70 .61
62 OOOO   0   0   0   0   0   0 .02 .03 .05 .08 .11 .15 .20 .25 .31 .38 .45 .52 .59 .64 .69 .72 .73 .72 .69 .65 .59 .52 .46
63 OOOO   0   0   0   0   0   0 .01 .02 .04 .06 .08 .11 .14 .18 .23 .28 .33 .38 .43 .47 .50 .52 .53 .52 .50 .47 .43 .38 .33
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .06 .05 .04 .03 .02 .01 .01   0   0   0   0   0   0   0   0   00000
35  .10 .08 .06 .05 .04 .02 .02   0   0   0   0   0   0   0   0   00000
36  .14 .12 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   00000
37  .21 .17 .14 .11 .08 .06 .04   0   0   0   0   0   0   0   0   00000
38  .29 .24 .19 .15 .11 .08 .06   0   0   0   0   0   0   0   0   00000
39  .40 .33 .26 .21 .16 .11 .08   0   0   0   0   0   0   0   0   00000
40  .53 .44 .35 .27 .21 .15 .11   0   0   0   0   0   0   0   0   00000
41  .69 .57 .46 .36 .27 .20 .14   0   0   0   0   0   0   0   0   00000
42  .87 .72 .57 .45 .34 .25 .18   0   0   0   0   0   0   0   0   00000
43  1.0 .88 .71 .55 .42 .31 .22   0   0   0   0   0   0   0   0   00000
44  1.2 1.0 .84 .66 .50 .37 .27   0   0   0   0   0   0   0   0   00000
45  1.4 1.2 .99 .77 .59 .44 .31   0   0   0   0   0   0   0   0   00000
46  1.6 1.3 1.1 .88 .67 .49 .36   0   0   0   0   0   0   0   0   00000
47  1.8 1.5 1.2 .97 .74 .55 .40   0   0   0   0   0   0   0   0   00000
48  2.0 1.6 1.3 1.0 .80 .59 .43   0   0   0   0   0   0   0   0   00000
49  2.1 1.7 1.4 1.1 .84 .62 .45   0   0   0   0   0   0   0   0   00000
50  2.1 1.7 1.4 1.1 .86 .64 .46   0   0   0   0   0   0   0   0   00000
51  2.1 1.7 1.4 1.1 .86 .64 .46   0   0   0   0   0   0   0   0   00000
52  2.1 1.7 1.4 1.0 .83 .62 .45   0   0   0   0   0   0   0   0   00000
53  2.0 1.6 1.3 1.0 .79 .59 .42   0   0   0   0   0   0   0   0   00000
54  1.8 1.5 1.2 .96 .73 .54 .39   0   0   0   0   0   0   0   0   00000
55  1.6 1.3 1.1 .86 .66 .49 .35   0   0   0   0   0   0   0   0   00000
56  1.4 1.2 .97 .76 .58 .43 .31   0   0   0   0   0   0   0   0   00000
57  1.2 1.0 .83 .65 .49 .36 .26   0   0   0   0   0   0   0   0   00000
58  1.0 .86 .69 .54 .41 .30 .22   0   0   0   0   0   0   0   0   00000
59  .84 .69 .56 .43 .33 .24 .18   0   0   0   0   0   0   0   0   00000
60  .67 .55 .44 .34 .26 .19 .14   0   0   0   0   0   0   0   0   00000
```

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61  .51 .42 .34 .26 .20 .15 .11   0   0   0   0   0   0   0   0   0OOOO
62  .38 .32 .25 .20 .15 .11 .08   0   0   0   0   0   0   0   0   0OOOO
63  .28 .23 .18 .14 .11 .08 .06   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .02
35 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .06 .06 .07 .06 .06 .06 .05 .05 .04
36 OOOO   0   0   0   0   0   0   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .09 .09 .08 .07 .06
37 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .13 .14 .14 .14 .14 .14 .13 .12 .10 .09
38 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .16 .18 .19 .20 .20 .20 .19 .18 .16 .15 .13
39 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .12 .14 .17 .20 .22 .25 .26 .27 .28 .27 .26 .25 .22 .20 .17
40 OOOO   0   0   0   0   0   0 .01 .02 .02 .04 .05 .07 .10 .13 .16 .19 .23 .26 .30 .33 .35 .36 .37 .36 .35 .33 .30 .27 .23
41 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .16 .21 .25 .30 .34 .39 .42 .45 .47 .48 .47 .45 .42 .39 .34 .30
42 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .16 .21 .26 .32 .38 .43 .49 .53 .57 .59 .60 .59 .57 .54 .49 .44 .38
43 OOOO   0   0   0   0   0   0 .02 .04 .05 .08 .11 .15 .20 .26 .32 .39 .46 .53 .60 .66 .70 .73 .74 .73 .70 .66 .60 .53 .46
44 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .13 .18 .24 .31 .38 .47 .55 .64 .72 .79 .84 .87 .88 .87 .84 .79 .72 .64 .56
45 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .21 .28 .36 .45 .54 .65 .74 .84 .92 .98 1.0 1.0 1.0 .98 .92 .84 .75 .65
46 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .24 .32 .41 .51 .62 .73 .85 .95 1.0 1.1 1.1 1.1 1.1 1.1 1.0 .95 .85 .74
47 OOOO   0   0   0   0   0   0 .04 .07 .10 .14 .20 .27 .35 .45 .56 .69 .81 .94 1.0 1.1 1.2 1.2 1.3 1.2 1.2 1.1 1.0 .94 .82
48 OOOO   0   0   0   0   0   0 .05 .07 .11 .15 .21 .29 .38 .49 .61 .74 .88 1.0 1.1 1.2 1.3 1.3 1.4 1.3 1.3 1.2 1.1 1.0 .88
49 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .22 .30 .40 .51 .64 .78 .92 1.0 1.1 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.2 1.0 .93
50 OOOO   0   0   0   0   0   0 .05 .08 .12 .17 .23 .31 .41 .53 .66 .80 .94 1.0 1.2 1.3 1.4 1.4 1.5 1.4 1.4 1.3 1.2 1.0 .95
51 OOOO   0   0   0   0   0   0 .05 .08 .12 .17 .23 .31 .41 .52 .65 .80 .94 1.0 1.2 1.3 1.4 1.4 1.5 1.4 1.4 1.3 1.2 1.0 .95
52 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .22 .30 .40 .51 .64 .77 .92 1.0 1.1 1.3 1.3 1.4 1.4 1.4 1.3 1.3 1.1 1.0 .92
53 OOOO   0   0   0   0   0   0 .05 .07 .11 .15 .21 .29 .38 .48 .60 .73 .87 1.0 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.1 1.0 .87
54 OOOO   0   0   0   0   0   0 .04 .07 .10 .14 .20 .26 .35 .45 .56 .68 .80 .92 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .93 .81
55 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .24 .31 .40 .50 .61 .72 .83 .94 1.0 1.0 1.1 1.1 1.1 1.1 1.0 .94 .84 .72
56 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .15 .21 .27 .35 .44 .53 .63 .73 .82 .90 .96 1.0 1.0 1.0 .96 .90 .82 .73 .64
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57 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .18 .23 .30 .37 .46 .54 .62 .70 .77 .82 .85 .86 .85 .82 .77 .70 .63 .54
58 OOOO   0   0   0   0   0   0 .02 .03 .05 .08 .11 .15 .19 .25 .31 .38 .45 .52 .58 .64 .68 .71 .72 .71 .68 .64 .58 .52 .45
59 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .16 .20 .25 .31 .36 .42 .47 .52 .55 .58 .58 .58 .55 .52 .47 .42 .37
60 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .09 .12 .16 .20 .24 .29 .33 .37 .41 .44 .45 .46 .45 .44 .41 .37 .33 .29
61 OOOO   0   0   0   0   0   0 .01 .01 .02 .04 .05 .07 .09 .12 .15 .19 .22 .25 .29 .31 .34 .35 .35 .35 .34 .32 .29 .26 .22
62 OOOO   0   0   0   0   0   0   + .01 .02 .03 .04 .05 .07 .09 .11 .14 .16 .19 .21 .24 .25 .26 .26 .26 .25 .24 .21 .19 .17
63 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .12 .14 .16 .17 .18 .19 .19 .19 .18 .17 .16 .14 .12
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34  .02 .02 .01 .01   +   +   +   0   0   0   0   0   0   0   0   0OOOO
35  .03 .03 .02 .01 .01 .01   +   0   0   0   0   0   0   0   0   0OOOO
36  .05 .04 .03 .02 .02 .01 .01   0   0   0   0   0   0   0   0   0OOOO
37  .07 .06 .05 .04 .03 .02 .01   0   0   0   0   0   0   0   0   0OOOO
38  .11 .09 .07 .05 .04 .03 .02   0   0   0   0   0   0   0   0   0OOOO
39  .14 .12 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   0OOOO
40  .19 .16 .13 .10 .07 .05 .04   0   0   0   0   0   0   0   0   0OOOO
41  .25 .21 .17 .13 .10 .07 .05   0   0   0   0   0   0   0   0   0OOOO
42  .32 .26 .21 .16 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
43  .39 .32 .26 .20 .15 .11 .08   0   0   0   0   0   0   0   0   0OOOO
44  .47 .39 .31 .24 .18 .13 .10   0   0   0   0   0   0   0   0   0OOOO
45  .55 .45 .36 .28 .21 .16 .11   0   0   0   0   0   0   0   0   0OOOO
46  .62 .51 .41 .32 .24 .18 .13   0   0   0   0   0   0   0   0   0OOOO
47  .69 .57 .45 .36 .27 .20 .14   0   0   0   0   0   0   0   0   0OOOO
48  .74 .61 .49 .38 .29 .22 .15   0   0   0   0   0   0   0   0   0OOOO
49  .78 .64 .52 .40 .31 .23 .16   0   0   0   0   0   0   0   0   0OOOO
50  .80 .66 .53 .41 .31 .23 .17   0   0   0   0   0   0   0   0   0OOOO
51  .80 .66 .53 .41 .31 .23 .17   0   0   0   0   0   0   0   0   0OOOO
52  .78 .64 .51 .40 .30 .23 .16   0   0   0   0   0   0   0   0   0OOOO
53  .74 .61 .49 .38 .29 .21 .15   0   0   0   0   0   0   0   0   0OOOO
54  .68 .56 .45 .35 .27 .20 .14   0   0   0   0   0   0   0   0   0OOOO
55  .61 .50 .40 .32 .24 .18 .13   0   0   0   0   0   0   0   0   0OOOO
56  .54 .44 .35 .28 .21 .15 .11   0   0   0   0   0   0   0   0   0OOOO
57  .46 .38 .30 .24 .18 .13 .09   0   0   0   0   0   0   0   0   0OOOO
58  .38 .31 .25 .20 .15 .11 .08   0   0   0   0   0   0   0   0   0OOOO
59  .31 .25 .20 .16 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
60  .24 .20 .16 .12 .09 .07 .05   0   0   0   0   0   0   0   0   0OOOO
```

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | .19 | .15 | .12 | .09 | .07 | .05 | .04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 62 | .14 | .11 | .09 | .07 | .05 | .04 | .03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 63 | .10 | .08 | .06 | .05 | .04 | .03 | .02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0OOOO |
| 72 | OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3707.         1801.      0.2696E+07  0.2695E+07   1656.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   12000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.50
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SMALL CLOUDS AT   12000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD          DISTANCE FROM         DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4065.         1826.      0.3424E+07  0.3423E+07   1865.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   13200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.50
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SMALL CLOUDS AT   13200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4422.         1851.      0.4273E+07  0.4272E+07   2083.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   14400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     497.50
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .07 .08 .09 .10 .10 .11 .11 .12 .12 .12 .11 .11 .10 .10
45 OOOO   0   0   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .15 .15 .15 .15 .15 .15 .14 .13
46 OOOO   0   0 .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .09 .10 .12 .13 .14 .16 .17 .18 .19 .20 .20 .20 .20 .20 .19 .18 .17
47 OOOO   0   0 .01 .01 .02 .03 .03 .04 .05 .07 .08 .10 .11 .13 .15 .17 .18 .20 .22 .23 .24 .25 .26 .26 .26 .25 .24 .23 .22
48 OOOO   0   0 .01 .02 .02 .03 .04 .06 .07 .08 .10 .12 .14 .16 .19 .21 .23 .25 .27 .29 .31 .32 .32 .32 .32 .32 .31 .29 .27
49 OOOO   0   0 .02 .02 .03 .04 .05 .07 .09 .11 .13 .15 .18 .21 .23 .26 .29 .32 .34 .36 .38 .39 .40 .40 .40 .39 .38 .36 .34
50 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .13 .16 .19 .22 .25 .29 .32 .36 .39 .42 .44 .47 .48 .49 .50 .49 .48 .47 .45 .42
51 OOOO   0   0 .03 .04 .05 .07 .08 .11 .13 .16 .19 .23 .27 .31 .35 .39 .43 .47 .51 .54 .56 .58 .59 .60 .60 .58 .56 .54 .51
52 OOOO   0   0 .03 .05 .06 .08 .10 .13 .16 .19 .23 .27 .32 .37 .41 .46 .51 .56 .60 .64 .67 .70 .71 .71 .71 .70 .67 .64 .61
53 OOOO   0   0 .04 .05 .07 .09 .12 .15 .18 .23 .27 .32 .37 .43 .49 .55 .61 .66 .71 .76 .79 .82 .84 .84 .84 .82 .79 .76 .71
54 OOOO   0   0 .05 .06 .08 .11 .14 .17 .22 .26 .31 .37 .43 .50 .57 .64 .70 .77 .83 .88 .92 .95 .97 .98 .97 .95 .92 .88 .83
55 OOOO   0   0 .06 .07 .10 .13 .16 .20 .25 .30 .36 .43 .50 .57 .65 .73 .81 .88 .95 1.0 1.0 1.0 1.1 1.1 1.1 1.0 1.0 1.0 .95
56 OOOO   0   0 .06 .08 .11 .14 .18 .23 .28 .34 .41 .48 .56 .65 .74 .83 .91 .99 1.0 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.1 1.0
57 OOOO   0   0 .07 .09 .12 .16 .20 .25 .31 .38 .46 .54 .63 .72 .82 .92 1.0 1.1 1.1 1.2 1.3 1.3 1.4 1.4 1.4 1.3 1.3 1.2 1.2
```

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58 OOOO   0   0 .08 .10 .14 .18 .22 .28 .34 .42 .50 .59 .69 .80 .91 1.0 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.4 1.4 1.3
59 OOOO   0   0 .09 .11 .15 .19 .24 .30 .38 .46 .55 .65 .75 .87 .98 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.5 1.4
60 OOOO   0   0 .09 .12 .16 .21 .26 .33 .40 .49 .59 .69 .81 .93 1.0 1.1 1.3 1.4 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.7 1.7 1.6 1.5
61 OOOO   0   0 .10 .13 .17 .22 .28 .35 .43 .52 .62 .73 .85 .98 1.1 1.2 1.3 1.5 1.6 1.7 1.8 1.8 1.9 1.9 1.9 1.8 1.8 1.7 1.6
62 OOOO   0   0 .10 .14 .18 .23 .29 .36 .44 .54 .65 .76 .89 1.0 1.1 1.3 1.4 1.5 1.6 1.8 1.8 1.9 1.9 2.0 1.9 1.9 1.8 1.8 1.7
63 OOOO   0   0 .11 .14 .18 .24 .30 .37 .46 .56 .67 .79 .92 1.0 1.2 1.3 1.4 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
64 OOOO   0   0 .11 .14 .19 .24 .30 .38 .47 .57 .68 .80 .93 1.0 1.2 1.3 1.5 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
65 OOOO   0   0 .11 .14 .19 .24 .30 .38 .47 .57 .68 .80 .94 1.0 1.2 1.3 1.5 1.6 1.7 1.8 1.9 2.0 2.0 2.1 2.0 2.0 1.9 1.8 1.7
66 OOOO   0   0 .11 .14 .18 .24 .30 .38 .46 .56 .67 .80 .93 1.0 1.2 1.3 1.5 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
67 OOOO   0   0 .10 .14 .18 .23 .29 .37 .45 .55 .66 .78 .91 1.0 1.1 1.3 1.4 1.6 1.7 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.9 1.8 1.7
68 OOOO   0   0 .10 .13 .17 .22 .28 .35 .44 .53 .63 .75 .87 1.0 1.1 1.2 1.4 1.5 1.6 1.7 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.7 1.6
69 OOOO   0   0 .09 .13 .16 .21 .27 .34 .41 .50 .60 .71 .83 .96 1.0 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.6 1.5
70 OOOO   0   0 .09 .12 .15 .20 .25 .32 .39 .47 .57 .67 .78 .90 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.7 1.7 1.7 1.7 1.6 1.5 1.4
71 OOOO   0   0 .08 .11 .14 .18 .23 .29 .36 .44 .52 .62 .72 .83 .94 1.0 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.5 1.5 1.4 1.3
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44  .09 .08 .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01   0   0   0OOOO
45  .12 .11 .10 .09 .08 .07 .06 .05 .04 .03 .02 .02 .01   0   0   0OOOO
46  .16 .14 .13 .12 .10 .09 .07 .06 .05 .04 .03 .03 .02   0   0   0OOOO
47  .20 .19 .17 .15 .13 .11 .10 .08 .07 .05 .04 .03 .03   0   0   0OOOO
48  .26 .23 .21 .19 .17 .14 .12 .10 .09 .07 .06 .04 .03   0   0   0OOOO
49  .32 .29 .26 .23 .21 .18 .15 .13 .11 .09 .07 .06 .04   0   0   0OOOO
50  .39 .36 .32 .29 .25 .22 .19 .16 .13 .11 .09 .07 .05   0   0   0OOOO
51  .47 .43 .39 .35 .31 .27 .23 .19 .16 .13 .11 .08 .07   0   0   0OOOO
52  .56 .52 .47 .42 .37 .32 .27 .23 .19 .16 .13 .10 .08   0   0   0OOOO
53  .66 .61 .55 .49 .43 .38 .32 .27 .23 .19 .15 .12 .09   0   0   0OOOO
54  .77 .71 .64 .57 .50 .44 .37 .32 .26 .22 .18 .14 .11   0   0   0OOOO
55  .88 .81 .73 .65 .58 .50 .43 .36 .30 .25 .20 .16 .13   0   0   0OOOO
56  1.0 .92 .83 .74 .65 .57 .49 .41 .34 .28 .23 .18 .14   0   0   0OOOO
57  1.1 1.0 .93 .83 .73 .63 .54 .46 .38 .32 .26 .21 .16   0   0   0OOOO
58  1.2 1.1 1.0 .91 .80 .70 .60 .51 .42 .35 .28 .23 .18   0   0   0OOOO
59  1.3 1.2 1.1 .99 .87 .76 .65 .55 .46 .38 .31 .25 .19   0   0   0OOOO
60  1.4 1.3 1.1 1.0 .93 .81 .70 .59 .49 .41 .33 .26 .21   0   0   0OOOO
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61  1.5 1.3 1.2 1.1 .99 .86 .74 .62 .52 .43 .35 .28 .22   0   0   00000
62  1.5 1.4 1.3 1.1 1.0 .90 .77 .65 .54 .45 .36 .29 .23   0   0   00000
63  1.6 1.4 1.3 1.2 1.0 .92 .79 .67 .56 .46 .38 .30 .24   0   0   00000
64  1.6 1.5 1.3 1.2 1.0 .94 .81 .68 .57 .47 .38 .31 .24   0   0   00000
65  1.6 1.5 1.3 1.2 1.0 .94 .81 .69 .57 .47 .38 .31 .24   0   0   00000
66  1.6 1.5 1.3 1.2 1.0 .93 .80 .68 .57 .47 .38 .30 .24   0   0   00000
67  1.6 1.4 1.3 1.1 1.0 .91 .78 .66 .55 .46 .37 .30 .23   0   0   00000
68  1.5 1.4 1.2 1.1 1.0 .88 .75 .64 .53 .44 .36 .29 .23   0   0   00000
69  1.4 1.3 1.2 1.0 .96 .84 .72 .61 .51 .42 .34 .27 .21   0   0   00000
70  1.3 1.2 1.1 1.0 .90 .78 .67 .57 .48 .39 .32 .25 .20   0   0   00000
71  1.2 1.1 1.0 .95 .84 .73 .62 .53 .44 .36 .29 .24 .19   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .20 .23 .26 .29 .32 .35 .38 .40 .42 .43 .44 .45 .44 .43 .42 .40 .38
45 OOOO   0   0 .03 .04 .05 .06 .08 .10 .13 .16 .19 .22 .26 .30 .34 .38 .42 .46 .49 .53 .55 .57 .58 .59 .58 .57 .55 .53 .50
46 OOOO   0   0 .04 .05 .06 .08 .11 .13 .17 .20 .24 .29 .34 .39 .44 .49 .54 .59 .64 .68 .71 .74 .75 .76 .75 .74 .71 .68 .64
47 OOOO   0   0 .05 .06 .08 .11 .14 .17 .21 .26 .31 .37 .43 .49 .56 .63 .69 .76 .82 .87 .91 .94 .96 .96 .96 .94 .91 .87 .82
48 OOOO   0   0 .06 .08 .11 .14 .17 .22 .27 .33 .39 .46 .54 .62 .71 .79 .87 .95 1.0 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 1.0
49 OOOO   0   0 .08 .10 .13 .17 .22 .27 .33 .41 .49 .57 .67 .77 .88 .98 1.0 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.4 1.4 1.3 1.2
50 OOOO   0   0 .09 .12 .16 .21 .27 .33 .41 .50 .60 .70 .82 .95 1.0 1.2 1.3 1.4 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.8 1.7 1.6 1.5
51 OOOO   0   0 .11 .15 .20 .25 .32 .40 .50 .60 .72 .85 .99 1.1 1.3 1.4 1.6 1.7 1.8 2.0 2.1 2.1 2.2 2.2 2.2 2.1 2.1 2.0 1.8
52 OOOO   0   0 .14 .18 .24 .30 .39 .48 .59 .72 .86 1.0 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.5 2.5 2.6 2.6 2.6 2.5 2.5 2.3 2.2
53 OOOO   0   0 .16 .21 .28 .36 .45 .57 .70 .85 1.0 1.2 1.3 1.6 1.8 2.0 2.2 2.4 2.6 2.8 2.9 3.0 3.1 3.1 3.1 3.0 2.9 2.8 2.6
54 OOOO   0   0 .19 .25 .33 .42 .53 .66 .81 .98 1.1 1.3 1.6 1.8 2.1 2.3 2.6 2.8 3.0 3.2 3.4 3.5 3.6 3.6 3.6 3.5 3.4 3.2 3.0
55 OOOO   0   0 .22 .29 .37 .48 .60 .75 .93 1.1 1.3 1.5 1.8 2.1 2.4 2.7 2.9 3.2 3.5 3.7 3.9 4.0 4.1 4.1 4.1 4.0 3.9 3.7 3.5
56 OOOO   0   0 .25 .33 .42 .54 .68 .85 1.0 1.2 1.5 1.8 2.1 2.4 2.7 3.0 3.3 3.6 3.9 4.2 4.4 4.5 4.6 4.6 4.6 4.5 4.4 4.2 3.9
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57 OOOO   0   0 .28 .36 .47 .60 .76 .95 1.1 1.4 1.7 2.0 2.3 2.6 3.0 3.4 3.7 4.1 4.4 4.7 4.9 5.1 5.2 5.2 5.2 5.1 4.9 4.7 4.4
58 OOOO   0   0 .30 .40 .52 .67 .84 1.0 1.2 1.5 1.8 2.2 2.5 2.9 3.3 3.7 4.1 4.5 4.8 5.1 5.4 5.6 5.7 5.7 5.7 5.6 5.4 5.1 4.8
59 OOOO   0   0 .33 .44 .56 .72 .91 1.1 1.4 1.7 2.0 2.4 2.8 3.2 3.6 4.0 4.5 4.9 5.3 5.6 5.8 6.0 6.2 6.2 6.2 6.1 5.9 5.6 5.3
60 OOOO   0   0 .35 .47 .61 .78 .98 1.2 1.5 1.8 2.1 2.5 3.0 3.4 3.9 4.3 4.8 5.2 5.6 6.0 6.3 6.5 6.6 6.7 6.6 6.5 6.3 6.0 5.6
61 OOOO   0   0 .38 .49 .64 .82 1.0 1.2 1.5 1.9 2.3 2.7 3.1 3.6 4.1 4.6 5.1 5.5 6.0 6.3 6.6 6.9 7.0 7.1 7.0 6.9 6.6 6.3 6.0
62 OOOO   0   0 .39 .52 .67 .86 1.0 1.3 1.6 2.0 2.4 2.8 3.3 3.8 4.3 4.8 5.3 5.8 6.2 6.6 6.9 7.2 7.3 7.4 7.3 7.2 6.9 6.6 6.2
63 OOOO   0   0 .40 .53 .69 .88 1.1 1.3 1.7 2.0 2.4 2.9 3.4 3.9 4.4 4.9 5.5 6.0 6.4 6.8 7.1 7.4 7.5 7.6 7.5 7.4 7.1 6.8 6.4
64 OOOO   0   0 .41 .54 .70 .90 1.1 1.4 1.7 2.1 2.5 2.9 3.4 3.9 4.5 5.0 5.5 6.1 6.5 6.9 7.3 7.5 7.7 7.7 7.7 7.5 7.3 6.9 6.5
65 OOOO   0   0 .41 .54 .70 .90 1.1 1.4 1.7 2.1 2.5 2.9 3.4 4.0 4.5 5.0 5.6 6.1 6.5 6.9 7.3 7.5 7.7 7.7 7.7 7.5 7.3 7.0 6.6
66 OOOO   0   0 .41 .54 .70 .89 1.1 1.4 1.7 2.0 2.5 2.9 3.4 3.9 4.4 5.0 5.5 6.0 6.5 6.9 7.2 7.5 7.6 7.7 7.6 7.5 7.2 6.9 6.5
67 OOOO   0   0 .40 .52 .68 .87 1.1 1.3 1.6 2.0 2.4 2.8 3.3 3.8 4.3 4.9 5.4 5.9 6.3 6.7 7.0 7.3 7.4 7.5 7.4 7.3 7.0 6.7 6.3
68 OOOO   0   0 .38 .50 .66 .84 1.0 1.3 1.6 1.9 2.3 2.7 3.2 3.7 4.2 4.7 5.2 5.7 6.1 6.5 6.8 7.0 7.2 7.2 7.2 7.0 6.8 6.5 6.1
69 OOOO   0   0 .36 .48 .62 .80 1.0 1.2 1.5 1.8 2.2 2.6 3.0 3.5 4.0 4.5 4.9 5.4 5.8 6.2 6.4 6.7 6.8 6.9 6.8 6.7 6.5 6.2 5.8
70 OOOO   0   0 .34 .45 .58 .75 .95 1.1 1.4 1.7 2.1 2.4 2.8 3.3 3.7 4.2 4.6 5.0 5.4 5.8 6.1 6.3 6.4 6.4 6.4 6.3 6.1 5.8 5.5
71 OOOO   0   0 .32 .42 .54 .69 .88 1.0 1.3 1.6 1.9 2.3 2.6 3.0 3.5 3.9 4.3 4.7 5.0 5.3 5.6 5.8 5.9 6.0 5.9 5.8 5.6 5.4 5.0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .35 .32 .29 .26 .23 .20 .17 .14 .12 .10 .08 .06 .05   0   0   00000
45  .46 .42 .38 .34 .30 .26 .22 .19 .16 .13 .10 .08 .06   0   0   00000
46  .60 .55 .49 .44 .39 .34 .29 .24 .20 .17 .14 .11 .08   0   0   00000
47  .76 .70 .63 .56 .50 .43 .37 .31 .26 .21 .17 .14 .11   0   0   00000
48  .96 .88 .79 .71 .62 .54 .47 .39 .33 .27 .22 .18 .14   0   0   00000
49  1.1 1.0 .99 .88 .78 .67 .58 .49 .41 .34 .27 .22 .17   0   0   00000
50  1.4 1.3 1.2 1.0 .95 .83 .71 .60 .50 .41 .34 .27 .21   0   0   00000
51  1.7 1.6 1.4 1.3 1.1 1.0 .86 .73 .61 .50 .41 .33 .26   0   0   00000
52  2.0 1.9 1.7 1.5 1.3 1.1 1.0 .87 .72 .60 .49 .39 .31   0   0   00000
53  2.4 2.2 2.0 1.8 1.6 1.4 1.2 1.0 .85 .70 .57 .46 .36   0   0   00000
54  2.8 2.6 2.3 2.1 1.8 1.6 1.4 1.1 .99 .82 .66 .53 .42   0   0   00000
55  3.2 3.0 2.7 2.4 2.1 1.8 1.6 1.3 1.1 .94 .76 .61 .48   0   0   00000
56  3.7 3.4 3.0 2.7 2.4 2.1 1.8 1.5 1.2 1.0 .86 .69 .55   0   0   00000
57  4.1 3.7 3.4 3.0 2.7 2.3 2.0 1.7 1.4 1.1 .96 .77 .61   0   0   00000
58  4.5 4.1 3.7 3.3 2.9 2.5 2.2 1.8 1.5 1.3 1.0 .85 .67   0   0   00000
59  4.9 4.5 4.1 3.6 3.2 2.8 2.4 2.0 1.7 1.4 1.1 .92 .73   0   0   00000
60  5.2 4.8 4.4 3.9 3.4 3.0 2.5 2.1 1.8 1.5 1.2 .99 .78   0   0   00000
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61  5.6 5.1 4.6 4.1 3.6 3.1 2.7 2.3 1.9 1.6 1.3 1.0 .83   0   0   00000
62  5.8 5.3 4.8 4.3 3.8 3.3 2.8 2.4 2.0 1.6 1.3 1.0 .87   0   0   00000
63  6.0 5.5 5.0 4.4 3.9 3.4 2.9 2.5 2.0 1.7 1.4 1.1 .89   0   0   00000
64  6.1 5.6 5.0 4.5 4.0 3.4 2.9 2.5 2.1 1.7 1.4 1.1 .91   0   0   00000
65  6.1 5.6 5.1 4.5 4.0 3.5 3.0 2.5 2.1 1.7 1.4 1.1 .91   0   0   00000
66  6.0 5.5 5.0 4.5 3.9 3.4 2.9 2.5 2.1 1.7 1.4 1.1 .90   0   0   00000
67  5.9 5.4 4.9 4.4 3.8 3.3 2.9 2.4 2.0 1.7 1.3 1.1 .88   0   0   00000
68  5.7 5.2 4.7 4.2 3.7 3.2 2.8 2.3 1.9 1.6 1.3 1.0 .85   0   0   00000
69  5.4 5.0 4.5 4.0 3.5 3.1 2.6 2.2 1.8 1.5 1.2 1.0 .81   0   0   00000
70  5.1 4.6 4.2 3.7 3.3 2.9 2.5 2.1 1.7 1.4 1.1 .96 .76   0   0   00000
71  4.7 4.3 3.9 3.5 3.1 2.7 2.3 1.9 1.6 1.3 1.1 .88 .70   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .01   +   +   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .07 .12 .11 .05 .01   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .13 .42 .70 .63 .30 .08   .   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .07 .41 1.2 2.1 1.8 .92 .24   +   +   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .66 2.0 3.4 3.0 1.4 .39   +   +   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .58 1.8 2.9 2.6 1.3 .34 .02   +   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .27 .85 1.4 1.2 .62 .16 .06 .01   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .30 .61 .89 .94 .71 .39 .15 .04   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .17 .50 1.0 1.5 1.5 1.2 .65 .25 .07   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .05 .21 .60 1.2 1.8 1.9 1.4 .78 .30 .08 .01   +   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .04 .18 .51 1.0 1.5 1.6 1.2 .67 .26 .07 .02   +   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .11 .32 .65 .96 1.0 .77 .42 .21 .10 .04   +   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .17 .34 .56 .75 .83 .75 .56 .34 .17 .07   +   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .09 .22 .44 .72 .97 1.0 .97 .72 .44 .22 .09 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .09 .23 .47 .77 1.0 1.1 1.0 .77 .47 .23 .09 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .08 .20 .41 .68 .91 1.0 .91 .67 .41 .20 .08 .04   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .08 .15 .29 .48 .65 .72 .65 .48 .31 .20 .12 .06   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .05 .10 .19 .31 .44 .56 .62 .61 .52 .40 .27 .16 .08 .01   +
26 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .05 .12 .22 .35 .51 .64 .71 .70 .60 .46 .31 .18 .09 .02 .01
27 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .05 .12 .22 .36 .51 .65 .72 .71 .61 .46 .31 .18 .09 .04 .02
28 OOOO   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .05 .10 .20 .32 .46 .58 .64 .63 .54 .41 .28 .16 .09 .05 .03
29 OOOO   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .05 .10 .15 .25 .36 .45 .50 .49 .43 .32 .24 .17 .11 .07 .03
30 OOOO   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .06 .11 .18 .26 .34 .41 .45 .46 .42 .36 .28 .20 .13 .08 .04
31 OOOO   0   0   0   0   0   0   0   +   +   +   +   + .02 .04 .07 .12 .19 .28 .36 .44 .48 .49 .46 .39 .31 .22 .14 .09 .05
32 OOOO   0   0   0   0   0   0   0   +   +   +   + .01 .01 .04 .07 .12 .19 .27 .36 .43 .48 .49 .45 .39 .30 .22 .14 .08 .04
33 OOOO   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .06 .11 .17 .25 .32 .39 .43 .44 .41 .35 .27 .20 .13 .08 .06
34 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .07 .10 .14 .20 .27 .33 .36 .37 .34 .29 .23 .19 .14 .10 .07
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .07 .11 .16 .21 .26 .30 .33 .34 .33 .30 .26 .21 .16 .11 .07
36 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .03 .05 .08 .11 .16 .21 .27 .31 .34 .35 .34 .31 .27 .21 .16 .11 .08
37 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .05 .07 .11 .16 .21 .26 .30 .33 .34 .33 .30 .26 .21 .16 .11 .07
38 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .04 .07 .10 .14 .19 .24 .28 .30 .31 .30 .28 .24 .19 .15 .10 .08
39 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .05 .07 .09 .12 .17 .21 .24 .26 .27 .26 .24 .21 .17 .14 .11 .09
40 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .16 .19 .22 .24 .25 .25 .24 .21 .19 .15 .12 .09
41 OOOO   0   0   0   0   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .17 .20 .23 .24 .25 .25 .24 .22 .19 .16 .12 .09
42 OOOO   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .16 .19 .22 .24 .25 .25 .23 .21 .18 .15 .12 .09
43 OOOO   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .18 .20 .22 .23 .23 .22 .20 .17 .14 .11 .08
44 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .08 .11 .13 .16 .18 .20 .20 .20 .19 .17 .15 .13 .11 .09
45 OOOO   0   0   +   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .09 .11 .13 .15 .17 .18 .19 .19 .18 .17 .16 .14 .12 .09
46 OOOO   0   0   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .09 .11 .13 .15 .17 .18 .19 .19 .19 .17 .16 .14 .12 .10
47 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .07 .09 .11 .13 .15 .16 .18 .18 .19 .18 .17 .15 .13 .11 .09
48 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .12 .14 .15 .17 .17 .17 .17 .16 .14 .13 .11 .09
49 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .09 .11 .12 .14 .15 .16 .16 .15 .14 .13 .12 .10 .09
50 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .12 .13 .14 .14 .15 .14 .14 .13 .12 .10 .09
51 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .12 .13 .14 .14 .15 .14 .14 .13 .12 .10 .09
52 OOOO   0   0   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .11 .13 .13 .14 .14 .14 .13 .13 .11 .10 .09
53 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .06 .07 .08 .10 .11 .12 .13 .13 .13 .13 .13 .12 .11 .10 .08
54 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .08 .09 .10 .11 .12 .12 .12 .12 .12 .11 .10 .09 .08
55 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .04 .04 .05 .06 .07 .08 .09 .10 .11 .11 .11 .11 .11 .11 .10 .09 .08
56 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .11 .11 .11 .11 .10 .09 .08
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57 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
58 OOOO   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .11 .10 .10 .10 .09 .08 .07
59 OOOO   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .07
60 OOOO   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .08 .08 .07
61 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .09 .09 .09 .09 .09 .08 .08 .07
62 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .09 .09 .09 .09 .08 .08 .07 .07
63 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .04 .04 .05 .06 .06 .07 .07 .08 .08 .08 .08 .08 .08 .08 .07 .07
64 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .07 .08 .08 .08 .08 .08 .07 .07 .06
65 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .04 .04 .05 .05 .06 .06 .06 .07 .07 .07 .07 .07 .07 .07 .07 .06
66 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .05 .05 .06 .06 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06
67 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06
68 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .07 .07 .07 .07 .07 .06 .06 .06
69 OOOO   0   0   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .06 .05
70 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
71 OOOO   0   0   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .05 .05 .05 .05 .05 .06 .05 .05 .05 .05 .05
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .02 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
32  .03 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
33  .03 .02   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
34  .04 .02 .01   +   +   +   +   0   0   0   0   0   0   0   0   00000
35  .04 .02 .01   +   +   +   +   0   0   0   0   0   0   0   0   00000
36  .05 .03 .01   +   +   +   +   0   0   0   0   0   0   0   0   00000
37  .05 .03 .02   +   +   +   +   0   0   0   0   0   0   0   0   00000
38  .05 .04 .02 .01   +   +   +   +   +   0   0   0   0   0   0   00000
39  .06 .04 .03 .01 .01   +   +   +   +   0   0   0   0   0   0   00000
40  .06 .04 .03 .01 .01   +   +   +   +   0   0   0   0   0   0   00000
41  .07 .04 .03 .02 .01   +   +   +   +   +   +   0   0   0   0   00000
42  .06 .04 .03 .02 .01   +   +   +   +   +   +   0   0   0   0   00000
43  .07 .05 .04 .02 .02 .01   +   +   +   +   +   0   0   0   0   00000
44  .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   0   0   00000
45  .07 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   0   0   00000
46  .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   0   0   00000
47  .07 .05 .04 .03 .02 .02 .01   +   +   +   +   +   +   0   0   00000
48  .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   0   0   00000
49  .07 .06 .05 .04 .03 .02 .01 .01   +   +   +   +   +   0   0   00000
50  .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   0   0   00000
51  .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   0   0   00000
52  .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   0   0   00000
53  .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   0   0   00000
54  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   0   0   00000
55  .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   0   0   00000
56  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   0   0   00000
57  .07 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   00000
58  .07 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   00000
59  .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   0   0   00000
60  .06 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   0   0   00000
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61  .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
62  .06 .05 .05 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   0   0   0OOOO
63  .06 .05 .05 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   0   0   0OOOO
64  .06 .05 .05 .04 .04 .03 .02 .02 .02 .01 .01 .01   +   0   0   0OOOO
65  .06 .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   0   0   0OOOO
66  .06 .05 .05 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   0   0   0OOOO
67  .05 .05 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   0   0   0OOOO
68  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
69  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   0   0   0OOOO
70  .05 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   0   0   0OOOO
71  .04 .04 .03 .03 .03 .02 .02 .01 .01 .01 .01   +   +   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4780.         1877.      0.5253E+07  0.5253E+07   2310.      0.0000E+00   13.50      0.000000E+00
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FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....
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TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR),   14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .03 .05 .05 .02   +   +   .   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .21 .67 1.1 1.0 .48 .12 .01   +   .   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .39 2.2 6.8  11  10 4.9 1.3 .18 .01   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .20 2.1  12  38  64  58  28 7.2 1.0 .07   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .62 6.5  37 119 212 187  85  22 3.0 .23 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .05 1.0  11  61 207 402 346 143  36 5.0 .39 .01   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .90 9.3  54 178 338 292 124  31 4.4 .36 .01   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .46 4.5  26  80 137 122  58  15 2.3 .22 .01   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .18 1.4 7.3  22  36  32  16 4.8 .95 .15 .02   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .12 .59 2.1 5.3 8.4 8.1 4.9 2.0 .65 .17 .03   +   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .11 .45 1.3 2.8 4.3 4.5 3.2 1.6 .60 .17 .03   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .34 .94 1.9 3.0 3.1 2.3 1.2 .47 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .22 .57 1.1 1.6 1.7 1.3 .75 .32 .11 .03 .01   +   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .05 .14 .34 .63 .91 .98 .79 .49 .24 .10 .03 .01   +   +
21 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .04 .11 .25 .45 .64 .71 .60 .40 .22 .10 .04 .01   +   +
22 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .10 .21 .37 .54 .60 .53 .36 .20 .10 .04 .01   +   +
23 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .18 .31 .44 .49 .44 .31 .18 .09 .04 .02   +   +
24 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .08 .15 .24 .33 .38 .34 .26 .16 .09 .04 .02 .01   +
25 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .13 .20 .27 .31 .29 .23 .15 .09 .05 .02 .01   +
26 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .26 .22 .15 .09 .05 .03 .01   +
27 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .17 .22 .26 .25 .21 .15 .10 .05 .03 .01   +
28 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .15 .20 .23 .23 .19 .14 .09 .06 .03 .01 .01
29 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .09 .14 .18 .20 .20 .17 .13 .09 .06 .03 .02 .01
30 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .09 .12 .16 .18 .18 .16 .12 .09 .06 .04 .02 .01
31 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .14 .16 .16 .15 .12 .09 .06 .04 .02 .01
32 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .10 .13 .15 .15 .14 .11 .09 .06 .04 .02 .01
33 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .12 .13 .14 .13 .11 .08 .06 .04 .02 .01
34 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .12 .13 .12 .10 .08 .06 .04 .03 .01
35 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .11 .11 .11 .09 .08 .06 .04 .03 .02
36 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .09 .10 .10 .10 .09 .07 .06 .04 .03 .02
37 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .07 .08 .09 .10 .09 .08 .07 .05 .04 .03 .02
38 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .08 .08 .09 .09 .08 .07 .05 .04 .03 .02
39 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .06 .07 .08 .08 .08 .07 .06 .05 .04 .03 .02
40 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .06 .06 .07 .07 .07 .07 .06 .05 .04 .03 .02
41 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .06 .07 .07 .07 .06 .06 .05 .04 .03 .02
42 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .06 .06 .05 .04 .04 .03 .02
43 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .06 .06 .06 .06 .05 .04 .03 .03 .02
44 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .05 .05 .05 .05 .05 .04 .03 .03 .02
45 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .05 .05 .05 .05 .04 .04 .03 .03 .02
46 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .04 .05 .05 .04 .04 .04 .03 .03 .02
47 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .02 .02
48 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .02 .02
49 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .03 .03 .03 .02 .02
50 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
51 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
52 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
53 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .02 .02 .02 .02
54 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .03 .02 .02 .02 .02 .02 .01
55 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
56 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
57 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
58 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01 .01
59 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .01 .01 .01 .01
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60 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
61 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
62 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
63 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
64 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
65 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +
66 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +
67 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
24    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
26    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
27    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
28    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
29    +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   00000
30    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
31    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
32    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
33  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
34  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
35  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
36  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
37  .01 .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
38  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
39  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
40  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
41  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
42  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
43  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
44  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
45  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
46  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
47  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
48  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
49  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
50  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
51  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
52  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
53  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
54  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
55  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
56  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
57  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
58  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
59  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
60  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
```

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61  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
62  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
63    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
64    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
65    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
70    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
71    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .03 .05 .04 .02   +   +   .   .   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .05 .18 .30 .27 .13 .03   +   +   .   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .56 1.0 .88 .40 .10 .01   +   .   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .29 .98 1.9 1.6 .68 .16 .02   +   .   .   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .25 .84 1.6 1.3 .59 .14 .02   +   .   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .12 .38 .65 .58 .27 .07 .01   +   .   .   .   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .10 .16 .15 .07 .02   +   +   +   .   .   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .04 .03 .02   +   +   +   +   .   .   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .02 .02 .01   +   +   +   +   .   .   .
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01 .01   +   +   +   +   .   .   .
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
20 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
21 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
25 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
26 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
27 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
28 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
29 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
30 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
31 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
32 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
33 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
34 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
35 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
36 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
52 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
53 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
54 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
55 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
56 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
57 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
58 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .
59 0000   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
```

```
60 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
61 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
62 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
33    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
34    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
35    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
36    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
37    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
38    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
39    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
40    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
41    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
42    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
43    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
44    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
45    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
46    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
47    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
48    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
49    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
50    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
51    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
52    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
53    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
54    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
55    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
59    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
```

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61    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
64    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt

                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)           (FT)      (FT)

1.00       0.0       0.152E+02        1575.     1650.
2.00       0.0       0.299E+00        2625.     1725.
3.00       0.0       0.840E-02        3675.     1800.
4.00       0.0       0.289E-03        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.237E+03        1500.     1650.
2.00       0.0       0.419E+02        2550.     1725.
3.00       0.0       0.102E+02        3675.     1800.
4.00       0.0       0.302E+01        4725.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  copper


                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID       X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)        (FT)      (FT)
0.33       0.0        0.923E-05      0.259E-02      825.     1575.
0.67       0.0        0.515E-05      0.259E-02     1200.     1650.
1.00       0.0        0.311E-05      0.258E-02     1575.     1650.
1.33       0.0        0.197E-05      0.258E-02     1950.     1650.
1.67       0.0        0.134E-05      0.258E-02     2250.     1725.
2.00       0.0        0.960E-06      0.258E-02     2625.     1725.
2.33       0.0        0.702E-06      0.258E-02     3000.     1725.
2.67       0.0        0.529E-06      0.258E-02     3375.     1800.
3.00       0.0        0.409E-06      0.258E-02     3675.     1800.
3.33       0.0        0.323E-06      0.258E-02     4050.     1800.
3.67       0.0        0.259E-06      0.258E-02     4425.     1875.
4.00       0.0        0.211E-06      0.258E-02     4800.     1875.




0.33       6.8        0.341E-04      0.261E-02      825.     1575.
0.67       6.8        0.190E-04      0.260E-02     1200.     1650.
1.00       6.8        0.115E-04      0.259E-02     1575.     1650.
1.33       6.8        0.727E-05      0.259E-02     1950.     1650.
1.67       6.8        0.496E-05      0.258E-02     2250.     1725.
2.00       6.8        0.355E-05      0.258E-02     2625.     1725.
2.33       6.8        0.259E-05      0.258E-02     3000.     1725.
2.67       6.8        0.196E-05      0.258E-02     3375.     1800.
3.00       6.8        0.151E-05      0.258E-02     3675.     1800.
3.33       6.8        0.119E-05      0.258E-02     4050.     1800.
3.67       6.8        0.956E-06      0.258E-02     4425.     1875.
4.00       6.8        0.778E-06      0.258E-02     4800.     1875.
```

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           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³       1200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       2400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       3600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       4800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       6000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       7200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       8400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       9600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      10800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      12000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      13200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      14400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
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GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
```

```
DEPTH GRID, FEET:

 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 4     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 5     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 6     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 7     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 9     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
10     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
11     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
12     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
13     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
14     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
15     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
16     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
17     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
18     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
19     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
20     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
21     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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43     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
44     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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48     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
49     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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53     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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56     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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  M N =35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
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  2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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 21     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 22     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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 57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 67 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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CODED GRID:

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LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                  FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
  M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
  1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
  2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
  M N= 35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
  1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
  2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
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MODEL COEFFICIENTS READ FROM INPUT:

         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

         SETTLING COEFFICIENT                      BETA   =    0.0000

         APPARENT MASS COEFFICIENT                 CM     =    1.0000

         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

         DRAG FOR A PLATE                          CD4    =    1.0000

         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250

         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=   0.0030
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MATERIAL DESCRIPTION:    4 SOLIDS FRACTIONS


                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.1965        0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.9320E-01    0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.3930E-01    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clumps      1.600        0.3290        3.00000    0.4000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =   99.00     LBS/SQ. FT.
               SEDIMENT FRACTION WILL NOT BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF copper   FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF copper   IS  0.340000E-02 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.2580000E-02 MG/L.

         THE WATER QUALITY STANDARD FOR copper   IS  0.3100000E-02 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.024        0.3420
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   69.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.22666667E-01 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  252.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS      THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)         (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.57       500.0       1575.       114.6       8.790      0.3623E-01   1303.      0.0000E+00        26               1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  31.13       499.7       1575.       128.4       8.827      0.7117       28.70      0.0000E+00        51              26

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  31.70       499.5       1575.       144.6       9.538      0.6070       27.72      0.0000E+00        76              51

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  32.27       499.4       1575.       160.2       10.15      0.4487       22.81      0.0000E+00       101              76

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  32.83       499.3       1575.       173.5       10.59      0.3172       17.52      0.0000E+00       126             101

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  33.40       499.3       1575.       184.5       10.91      0.2280       13.41      0.0000E+00       151             126

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  33.97       499.3       1575.       193.7       11.14      0.1709       10.54      0.0000E+00       176             151

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  34.53       499.3       1575.       201.4       11.31      0.1341       8.588      0.0000E+00       201             176

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  35.10       499.3       1575.       208.2       11.44      0.1096       7.243      0.0000E+00       226             201

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  35.67       499.3       1575.       214.3       11.55      0.9280E-01   6.297      0.0000E+00       251             226

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   11
  35.69       499.3       1575.       214.5       10.08       3.420       9165.      0.0000E+00       252             251


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.57       500.0       1575.       114.6       8.790      0.3623E-01   617.9      0.0000E+00        26               1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  31.13       499.7       1575.       128.4       8.827      0.7117       13.61      0.0000E+00        51              26

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  31.70       499.5       1575.       144.6       9.538      0.6070       13.14      0.0000E+00        76              51

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  32.27       499.4       1575.       160.2       10.15      0.4487       10.82      0.0000E+00       101              76

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  32.83       499.3       1575.       173.5       10.59      0.3172       8.311      0.0000E+00       126             101

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  33.40       499.3       1575.       184.5       10.91      0.2280       6.357      0.0000E+00       151             126

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  33.97       499.3       1575.       193.7       11.14      0.1709       4.997      0.0000E+00       176             151

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  34.53       499.3       1575.       201.4       11.31      0.1341       4.072      0.0000E+00       201             176

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  35.10       499.3       1575.       208.2       11.44      0.1096       3.434      0.0000E+00       226             201

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  35.67       499.3       1575.       214.3       11.55      0.9280E-01   2.986      0.0000E+00       251             226

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   11
  35.69       499.3       1575.       214.5       10.08       3.420       4347.      0.0000E+00       252             251


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    1
  30.57       500.0       1575.       114.6       8.790      0.3623E-01   260.5      0.0000E+00        26               1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    2
  31.13       499.7       1575.       128.4       8.827      0.7117       5.741      0.0000E+00        51              26

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    3
  31.70       499.5       1575.       144.6       9.538      0.6070       5.543      0.0000E+00        76              51

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    4
  32.27       499.4       1575.       160.2       10.15      0.4487       4.561      0.0000E+00       101              76

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    5
  32.83       499.3       1575.       173.5       10.59      0.3172       3.505      0.0000E+00       126             101

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    6
  33.40       499.3       1575.       184.5       10.91      0.2280       2.681      0.0000E+00       151             126

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    7
  33.97       499.3       1575.       193.7       11.14      0.1709       2.107      0.0000E+00       176             151

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    8
  34.53       499.3       1575.       201.4       11.31      0.1341       1.717      0.0000E+00       201             176

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    9
  35.10       499.3       1575.       208.2       11.44      0.1096       1.449      0.0000E+00       226             201

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
  35.67       499.3       1575.       214.3       11.55      0.9280E-01   1.260      0.0000E+00       251             226

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   11
  35.69       499.3       1575.       214.5       10.08       3.420       1833.      0.0000E+00       252             251


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  30.57       500.0       1575.       114.6       13.50      0.1000E-02   5382.      0.0000E+00        26               1

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    2
  31.13       499.7       1575.       128.4       13.50      0.1000E-02   4381.      0.0000E+00        51              26

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    3
  31.70       499.5       1575.       144.6       13.50      0.1000E-02   3116.      0.0000E+00        76              51

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    4
  32.27       499.4       1575.       160.2       13.50      0.1000E-02   2066.      0.0000E+00       101              76

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    5
  32.83       499.3       1575.       173.5       13.50      0.1000E-02   1271.      0.0000E+00       126             101

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    6
  33.40       499.3       1575.       184.5       13.50      0.1000E-02   732.3      0.0000E+00       151             126

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    7
  33.97       499.3       1575.       193.7       13.50      0.1000E-02   400.7      0.0000E+00       176             151

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    8
  34.53       499.3       1575.       201.4       13.50      0.1000E-02   210.5      0.0000E+00       201             176

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    9
  35.10       499.3       1575.       208.2       13.50      0.1000E-02   106.9      0.0000E+00       226             201

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   10
  35.67       499.3       1575.       214.3       13.50      0.1000E-02   52.85      0.0000E+00       251             226

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   11
  35.69       499.3       1575.       214.5       10.08       3.420       47.69      0.0000E+00       252             251


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )     (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     5) =    1
  35.69       499.3       1575.       214.5       10.08       3.420       5498.       3720.           252               1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     10611.



     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

```
BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .08 .15 .14 .06 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .35 1.2 2.2 1.9 .87 .19 .02   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .34 2.4 8.9  16  14 6.2 1.3 .14   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.1 8.7  33  63  55  22 4.7 .50 .02   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .14 2.0  15  62 129 109  41 8.2 .87 .04   +   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .12 1.7  13  52 106  91  34 7.0 .75 .04   +   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .75 5.5  20  38  33  14 2.9 .32 .01   +   .   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 1.1 4.1 7.5 6.6 2.8 .62 .06   +   .   .   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .43 .77 .68 .30 .06   +   +   .   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .04 .03 .01   +   +   .   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 6 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 7 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    0    0    0    0    0    0
 8 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    .    .    0    0    0    0    0
 9 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +    +    +    +    +    +    .    .    0    0    0    0
10 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .02  .04  .04  .01    +    +    .    0    0    0    0
11 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .02  .09  .18  .15  .06  .01    +    .    .    0    0    0
12 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .04  .17  .36  .31  .11  .02    +    +    .    0    0    0
13 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .03  .14  .30  .25  .09  .02    +    +    .    0    0    0
14 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .01  .05  .10  .09  .03    +    +    .    .    0    0    0
15 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .02  .01    +    +    +    .    0    0    0    0
16 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    .    .    0    0    0    0
17 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    .    .    .    0    0    0    0    0
18 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    0    0    0    0    0    0    0
19 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
20 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
21 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
22 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
23 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
24 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
25 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
26 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
27 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
28 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
29 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
30 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
31 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
32 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
33 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
34 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
35 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
36 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
37 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
38 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
39 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
40 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
41 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
42 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
43 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
44 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
45 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
46 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
47 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
48 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
49 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
50 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
51 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
52 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
53 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
54 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
55 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
56 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
57 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
58 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
59 0000    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Silt




SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     128.12
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     4904.7




SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     51.587
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     4981.2




SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     21.039
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5011.7
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .03 .05 .05 .05 .03 .02 .01   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .08 .15 .21 .23 .21 .15 .08 .04 .01   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .13 .28 .49 .69 .77 .69 .49 .28 .12 .04   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .12 .33 .74 1.3 1.8 2.0 1.8 1.3 .74 .33 .12   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .07 .26 .71 1.5 2.8 4.0 4.5 4.0 2.8 1.5 .71 .26   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .12 .43 1.2 2.7 4.9 7.1 8.0 7.0 4.9 2.7 1.2 .43   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .17 .58 1.6 3.7 6.8  10  11  10 6.7 3.7 1.6 .58   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .18 .63 1.7 4.0 7.3  11  12  11 7.3 4.0 1.7 .63   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .15 .54 1.5 3.4 6.2 9.0  10 9.0 6.2 3.4 1.5 .54   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .11 .37 1.0 2.3 4.1 5.9 6.7 5.9 4.1 2.3 1.0 .37   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .20 .56 1.2 2.2 3.1 3.5 3.1 2.2 1.2 .55 .20   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .09 .24 .53 .94 1.3 1.4 1.3 .94 .53 .24 .09   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .03 .08 .19 .33 .46 .51 .46 .33 .18 .08 .03   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .41 .73 .65 .28 .06   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .22 1.6 5.8  10 9.2 4.0 .88 .09   +   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .10 1.5  11  42  75  66  29 6.2 .67 .03   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.5  40 153 293 254 103  22 2.3 .12   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .65  10  71 285 596 505 187  38 4.0 .21   +   .   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .56 8.2  61 240 491 419 159  33 3.5 .19   +   +   .   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .24 3.5  26  95 177 155  65  14 1.5 .09   +   +   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .88 5.8  21  37  33  15 3.5 .53 .06   +   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.4 4.2 7.2 7.1 4.1 1.5 .44 .09 .01   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .33 1.1 2.9 4.9 5.3 3.6 1.6 .52 .12 .02   +   +   .
18 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.4 4.0 4.3 3.0 1.4 .49 .12 .02   +   +   +
19 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .22 .67 1.5 2.4 2.6 1.9 1.0 .39 .12 .03   +   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .17 .46 .94 1.4 1.5 1.2 .75 .35 .13 .04 .01   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .17 .41 .78 1.1 1.2 1.1 .72 .38 .16 .05 .01   +   +
22 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .17 .39 .73 1.0 1.2 1.0 .72 .39 .17 .06 .01   +   +
23 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .14 .33 .60 .87 .99 .87 .60 .32 .14 .05 .01   +   +
24 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .03 .09 .22 .40 .57 .65 .57 .40 .22 .09 .03 .01   +   +
25 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .11 .21 .30 .34 .30 .21 .11 .05 .01   +   +   +
26 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .02 .05 .09 .12 .14 .12 .09 .05 .02   +   +   +   +
27 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .03 .04 .04 .04 .03 .01   +   +   +   +   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD        DISTANCE FROM           DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       1.250      0.0000E+00   420.7      0.0000E+00   13.50      0.100000E-01
  2        1563.         1650.      0.9148      0.0000E+00   443.1      0.0000E+00   13.50      0.100000E-01
  3        1563.         1650.      0.8659      0.0000E+00   468.8      0.0000E+00   13.50      0.100000E-01
  4        1563.         1650.      0.6671      0.0000E+00   492.8      0.0000E+00   13.50      0.100000E-01
  5        1562.         1650.      0.5040      0.0000E+00   512.9      0.0000E+00   13.50      0.100000E-01
  6        1562.         1650.      0.3810      0.0000E+00   529.3      0.0000E+00   13.50      0.100000E-01
  7        1562.         1650.      0.2980      0.0000E+00   542.7      0.0000E+00   13.50      0.100000E-01
  8        1562.         1650.      0.2459      0.0000E+00   554.0      0.0000E+00   13.50      0.100000E-01
  9        1562.         1650.      0.2051      0.0000E+00   563.8      0.0000E+00   13.50      0.100000E-01
 10        1561.         1650.      0.1706      0.0000E+00   572.5      0.0000E+00   13.50      0.100000E-01
 11        1561.         1650.       15.54      0.0000E+00   572.8      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     8.5805
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5024.2




SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     3.4994
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5029.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.4272
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5031.3

    MAX CONC IS 0.00000009 OUTPUT SUPPRESSED AT    0.00 FT
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .41 .73 .65 .28 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .22 1.6 5.8  10 9.2 4.0 .88 .09   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .10 1.5  11  42  75  66  29 6.2 .67 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.5  40 153 293 254 103  22 2.3 .12   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .65  10  71 285 596 505 187  38 4.0 .21   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .56 8.2  61 240 491 419 159  33 3.5 .19   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .24 3.5  26  95 177 155  65  14 1.5 .09   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .88 5.8  21  37  33  15 3.5 .53 .06   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.4 4.2 7.2 7.1 4.1 1.5 .44 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .33 1.1 2.9 4.9 5.3 3.6 1.6 .52 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.4 4.0 4.3 3.0 1.4 .49 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .68 1.5 2.4 2.6 1.9 1.0 .39 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .47 .95 1.4 1.5 1.2 .76 .36 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .18 .42 .80 1.1 1.3 1.1 .75 .40 .17 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .42 .77 1.1 1.2 1.1 .77 .42 .19 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .17 .38 .68 .97 1.1 .98 .69 .39 .18 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .30 .52 .73 .83 .75 .55 .33 .16 .07 .02 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .11 .23 .38 .52 .59 .55 .42 .27 .14 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .45 .42 .34 .23 .13 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .16 .24 .32 .37 .36 .29 .21 .13 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .13 .21 .27 .31 .30 .25 .19 .12 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .17 .22 .25 .25 .21 .16 .10 .06 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .09 .13 .17 .19 .19 .17 .13 .09 .05 .03 .01   +
31 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .13 .15 .15 .13 .10 .07 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .08 .10 .12 .12 .11 .09 .06 .04 .02 .01   +
33 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .05 .07 .08 .09 .09 .09 .07 .05 .03 .02 .01   +
34 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .01 .02 .04 .05 .07 .07 .08 .07 .06 .04 .03 .02 .01   +
35 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .02 .01 .01   +
36 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .04 .04 .03 .02 .01 .01   +
37 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01   +   +
38 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01   +   +
39 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01   +   +   +
40 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
41 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01   +   +   +   +   +   +
42 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
48 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
33    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
34    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
38    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
39    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
40    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
41    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
42    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
43    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
44    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
45    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
46    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
47    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
48    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.8483E-01  0.0000E+00   856.1      0.0000E+00   13.50      0.100000E-01
  2        2636.         1726.      0.6206E-01  0.0000E+00   884.9      0.0000E+00   13.50      0.100000E-01
  3        2636.         1726.      0.5874E-01  0.0000E+00   917.7      0.0000E+00   13.50      0.100000E-01
  4        2635.         1726.      0.4525E-01  0.0000E+00   948.2      0.0000E+00   13.50      0.100000E-01
  5        2635.         1726.      0.3419E-01  0.0000E+00   973.5      0.0000E+00   13.50      0.100000E-01
  6        2635.         1726.      0.2584E-01  0.0000E+00   994.1      0.0000E+00   13.50      0.100000E-01
  7        2635.         1726.      0.2022E-01  0.0000E+00   1011.      0.0000E+00   13.50      0.100000E-01
  8        2635.         1725.      0.1668E-01  0.0000E+00   1025.      0.0000E+00   13.50      0.100000E-01
  9        2634.         1725.      0.1391E-01  0.0000E+00   1037.      0.0000E+00   13.50      0.100000E-01
 10        2634.         1725.      0.1157E-01  0.0000E+00   1048.      0.0000E+00   13.50      0.100000E-01
 11        2634.         1725.       1.054      0.0000E+00   1048.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.58207
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.2




SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.23739
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.5




SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.96817E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.7

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .41 .73 .65 .28 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .22 1.6 5.8  10 9.2 4.0 .88 .09   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .10 1.5  11  42  75  66  29 6.2 .67 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.5  40 153 293 254 103  22 2.3 .12   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .65  10  71 285 596 505 187  38 4.0 .21   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .56 8.2  61 240 491 419 159  33 3.5 .19   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .24 3.5  26  95 177 155  65  14 1.5 .09   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .88 5.8  21  37  33  15 3.5 .53 .06   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.4 4.2 7.2 7.1 4.1 1.5 .44 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .33 1.1 2.9 4.9 5.3 3.6 1.6 .52 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.4 4.0 4.3 3.0 1.4 .49 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .68 1.5 2.4 2.6 1.9 1.0 .39 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .47 .95 1.4 1.5 1.2 .76 .36 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .18 .42 .80 1.1 1.3 1.1 .75 .40 .17 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .42 .77 1.1 1.2 1.1 .77 .42 .19 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .17 .38 .68 .97 1.1 .98 .69 .39 .18 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .30 .52 .73 .83 .75 .55 .33 .16 .07 .02 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .11 .23 .38 .52 .59 .55 .42 .27 .14 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .45 .42 .34 .23 .13 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .16 .24 .32 .37 .36 .29 .21 .13 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .13 .21 .27 .31 .30 .25 .19 .12 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .17 .22 .25 .25 .21 .16 .10 .06 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .09 .13 .17 .20 .19 .17 .13 .09 .05 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .13 .15 .15 .13 .10 .07 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .08 .10 .12 .12 .11 .09 .06 .04 .02 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .08 .09 .10 .09 .07 .05 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .08 .08 .07 .06 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01 .01   +
39 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01   +   +   +   +   +   +
45 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
62 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
45    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
46    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
47    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
48    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
52    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
53    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
54    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   00000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   00000
57    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   00000
58    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
59    +   +   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
60    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
```

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61    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
63    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
64    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
65    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0OOOO
66    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
67    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
68    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
69    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.      0.5754E-02  0.0000E+00   1391.      0.0000E+00   13.50      0.100000E-01
  2        3709.         1801.      0.4210E-02  0.0000E+00   1425.      0.0000E+00   13.50      0.100000E-01
  3        3709.         1801.      0.3985E-02  0.0000E+00   1464.      0.0000E+00   13.50      0.100000E-01
  4        3708.         1801.      0.3070E-02  0.0000E+00   1500.      0.0000E+00   13.50      0.100000E-01
  5        3708.         1801.      0.2319E-02  0.0000E+00   1530.      0.0000E+00   13.50      0.100000E-01
  6        3708.         1801.      0.1753E-02  0.0000E+00   1554.      0.0000E+00   13.50      0.100000E-01
  7        3708.         1801.      0.1371E-02  0.0000E+00   1573.      0.0000E+00   13.50      0.100000E-01
  8        3707.         1801.      0.1132E-02  0.0000E+00   1590.      0.0000E+00   13.50      0.100000E-01
  9        3707.         1801.      0.9436E-03  0.0000E+00   1604.      0.0000E+00   13.50      0.100000E-01
 10        3707.         1801.      0.7852E-03  0.0000E+00   1617.      0.0000E+00   13.50      0.100000E-01
 11        3707.         1801.      0.7149E-01  0.0000E+00   1617.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.39486E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.7




SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.16104E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.7




SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.65677E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     5032.8

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .41 .73 .65 .28 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .22 1.6 5.8  10 9.2 4.0 .88 .09   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .10 1.5  11  42  75  66  29 6.2 .67 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.5  40 153 293 254 103  22 2.3 .12   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .65  10  71 285 596 505 187  38 4.0 .21   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .56 8.2  61 240 491 419 159  33 3.5 .19   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .24 3.5  26  95 177 155  65  14 1.5 .09   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .88 5.8  21  37  33  15 3.5 .53 .06   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.4 4.2 7.2 7.1 4.1 1.5 .44 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .33 1.1 2.9 4.9 5.3 3.6 1.6 .52 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.4 4.0 4.3 3.0 1.4 .49 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .68 1.5 2.4 2.6 1.9 1.0 .39 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .47 .95 1.4 1.5 1.2 .76 .36 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .18 .42 .80 1.1 1.3 1.1 .75 .40 .17 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .42 .77 1.1 1.2 1.1 .77 .42 .19 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .17 .38 .68 .97 1.1 .98 .69 .39 .18 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .30 .52 .73 .83 .75 .55 .33 .16 .07 .02 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .11 .23 .38 .52 .59 .55 .42 .27 .14 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .45 .42 .34 .23 .13 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .16 .24 .32 .37 .36 .29 .21 .13 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .13 .21 .27 .31 .30 .25 .19 .12 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .17 .22 .25 .25 .21 .16 .10 .06 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .09 .13 .17 .20 .19 .17 .13 .09 .05 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .13 .15 .15 .13 .10 .07 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .08 .10 .12 .12 .11 .09 .06 .04 .02 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .08 .09 .10 .09 .07 .05 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .08 .08 .07 .06 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01   +   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
```

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61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.3904E-03  0.0000E+00   2011.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.2856E-03  0.0000E+00   2050.      0.0000E+00   13.50      0.100000E-01
  3        4781.         1877.      0.2703E-03  0.0000E+00   2094.      0.0000E+00   13.50      0.100000E-01
  4        4781.         1877.      0.2082E-03  0.0000E+00   2134.      0.0000E+00   13.50      0.100000E-01
  5        4781.         1877.      0.1573E-03  0.0000E+00   2168.      0.0000E+00   13.50      0.100000E-01
  6        4781.         1877.      0.1189E-03  0.0000E+00   2195.      0.0000E+00   13.50      0.100000E-01
  7        4780.         1877.      0.9304E-04  0.0000E+00   2217.      0.0000E+00   13.50      0.100000E-01
  8        4780.         1877.      0.7677E-04  0.0000E+00   2236.      0.0000E+00   13.50      0.100000E-01
  9        4780.         1877.      0.6401E-04  0.0000E+00   2251.      0.0000E+00   13.50      0.100000E-01
 10        4780.         1877.      0.5326E-04  0.0000E+00   2266.      0.0000E+00   13.50      0.100000E-01
 11        4780.         1877.      0.4850E-02  0.0000E+00   2266.      0.0000E+00   13.50      0.100000E-01
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .11 .41 .73 .65 .28 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .22 1.6 5.8  10 9.2 4.0 .88 .09   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .10 1.5  11  42  75  66  29 6.2 .67 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.5  40 153 293 254 103  22 2.3 .12   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .65  10  71 285 596 505 187  38 4.0 .21   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .56 8.2  61 240 491 419 159  33 3.5 .19   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .24 3.5  26  95 177 155  65  14 1.5 .09   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .88 5.8  21  37  33  15 3.5 .53 .06   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.4 4.2 7.2 7.1 4.1 1.5 .44 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .33 1.1 2.9 4.9 5.3 3.6 1.6 .52 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.4 4.0 4.3 3.0 1.4 .49 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .68 1.5 2.4 2.6 1.9 1.0 .39 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .47 .95 1.4 1.5 1.2 .76 .36 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .18 .42 .80 1.1 1.3 1.1 .75 .40 .17 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .42 .77 1.1 1.2 1.1 .77 .42 .19 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .17 .38 .68 .97 1.1 .98 .69 .39 .18 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .30 .52 .73 .83 .75 .55 .33 .16 .07 .02 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .11 .23 .38 .52 .59 .55 .42 .27 .14 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .45 .42 .34 .23 .13 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .16 .24 .32 .37 .36 .29 .21 .13 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .13 .21 .27 .31 .30 .25 .19 .12 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .17 .22 .25 .25 .21 .16 .10 .06 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .09 .13 .17 .20 .19 .17 .13 .09 .05 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .13 .15 .15 .13 .10 .07 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .08 .10 .12 .12 .11 .09 .06 .04 .02 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .08 .09 .10 .09 .07 .05 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .08 .08 .07 .06 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01   +   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
```

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61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 00000000000000000000000000000000000000000000000000000000000000000000
```

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THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01   +   +   +   .   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .07 .06 .02   +   +   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .14 .28 .24 .10 .02   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .27 .58 .49 .18 .03   +   +   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .23 .48 .40 .15 .03   +   +   .   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .09 .17 .15 .06 .01   +   .   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .03 .03 .01   +   +   .   .   .   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   .   .   .   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .   .   .
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     938.87
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1183.3




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     428.09
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1694.1




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     343.50
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1778.7
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .06 .08 .09 .08 .05 .03 .01   +   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .09 .20 .33 .45 .49 .43 .30 .17 .07 .02   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .15 .40 .84 1.4 1.8 2.0 1.8 1.2 .72 .33 .12   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .16 .53 1.3 2.8 4.7 6.4 6.9 6.0 4.2 2.4 1.1 .41   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0 .02 .11 .45 1.4 3.7 7.7  13  18  19  17  12 6.6 3.0 1.1   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0 .05 .25 1.0 3.1 8.2  17  29  39  42  37  26  15 6.7 2.4   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0 .09 .44 1.7 5.6  15  31  53  72  79  69  48  27  12 4.4   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0 .12 .63 2.5 8.2  22  46  81 113 125 109  74  40  18 6.3   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0 .14 .73 2.9  10  26  58 106 154 172 148  98  51  22 7.5   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0 .13 .68 2.7 9.2  26  61 117 176 200 171 109  55  22 7.3   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0 .10 .51 2.1 7.2  21  52 104 161 185 157  98  47  18 5.8   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0 .06 .31 1.3 4.5  14  34  71 112 130 109  68  32  12 3.6   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0 .03 .15 .64 2.2 6.8  17  36  57  66  56  34  16 5.9 1.8   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0 .01 .06 .25 .89 2.6 6.6  14  21  25  21  13 6.1 2.3 .72   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .08 .27 .80 1.9 3.8 5.9 6.8 5.8 3.6 1.7 .70 .22   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .19 .46 .87 1.2 1.4 1.2 .82 .41 .17 .05   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   .   .   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .18 .16 .07 .01   +   .   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .40 1.4 2.6 2.3 1.0 .22 .02   +   .   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .39 2.8  10  19  17 7.2 1.5 .17 .01   +   .   .   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 1.4  10  38  71  62  26 5.5 .62 .04   +   +   .   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .19 2.5  18  70 140 120  47  10 1.2 .10   +   +   .   .
13 0000   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .26 2.6  17  62 121 105  43  10 1.5 .20 .02   +   +   .
14 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .35 2.2  11  32  57  52  26 8.3 2.0 .41 .06   +   +   .
15 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .52 2.4 8.4  20  32  32  20 9.0 2.9 .68 .11 .01   +   +
16 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .61 2.7 8.6  19  30  31  21  10 3.4 .82 .14 .02   +   +
17 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .52 2.2 7.1  16  25  27  18 8.6 2.9 .74 .14 .02   +   +
18 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .36 1.4 4.4  10  16  17  11 5.5 1.9 .56 .13 .02   +   +
19 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .24 .84 2.3 4.8 7.4 7.8 5.7 3.0 1.2 .44 .13 .03   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .19 .58 1.3 2.6 3.9 4.2 3.4 2.1 1.0 .41 .13 .03   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .16 .46 1.0 2.0 3.0 3.3 2.8 1.8 .92 .38 .12 .03   +   +
22 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .12 .35 .85 1.6 2.4 2.8 2.4 1.5 .75 .30 .10 .02   +   +
23 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .07 .22 .54 1.0 1.6 1.9 1.6 1.0 .49 .19 .06 .01   +   +
24 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .03 .11 .27 .54 .84 .97 .82 .52 .24 .09 .03   +   +   +
25 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .10 .20 .31 .36 .31 .19 .09 .03 .01   +   +   +
26 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .06 .09 .10 .08 .05 .02 .01   +   +   +   .
27 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .02 .02 .01 .01   +   +   +   +   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       96.43      0.0000E+00   420.7      0.0000E+00   13.50      0.200000E-02
  2        1563.         1650.       3.412      0.0000E+00   443.1      0.0000E+00   13.50      0.200000E-02
  3        1563.         1650.       3.268      0.0000E+00   468.8      0.0000E+00   13.50      0.200000E-02
  4        1563.         1650.       2.684      0.0000E+00   492.8      0.0000E+00   13.50      0.200000E-02
  5        1562.         1650.       2.040      0.0000E+00   512.9      0.0000E+00   13.50      0.200000E-02
  6        1562.         1650.       1.556      0.0000E+00   529.3      0.0000E+00   13.50      0.200000E-02
  7        1562.         1650.       1.188      0.0000E+00   542.7      0.0000E+00   13.50      0.200000E-02
  8        1562.         1650.      0.9942      0.0000E+00   554.0      0.0000E+00   13.50      0.200000E-02
  9        1562.         1650.      0.8375      0.0000E+00   563.8      0.0000E+00   13.50      0.200000E-02
 10        1561.         1650.      0.7256      0.0000E+00   572.5      0.0000E+00   13.50      0.200000E-02
 11        1435.         1641.       230.4      0.0000E+00   572.8      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     287.46
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1834.7




SUMMARY OF Clay     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     240.57
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1881.6




SUMMARY OF Clay     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     201.32
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1920.9
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .06 .10 .14 .19 .24 .28 .30 .31 .30 .27 .23 .18 .13 .09 .06
24 0000   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .13 .20 .29 .39 .48 .57 .62 .64 .61 .55 .46 .37 .27 .19 .12
25 0000   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .16 .26 .39 .56 .75 .93 1.0 1.2 1.2 1.1 1.0 .90 .71 .52 .36 .23
26 0000   0   0   0   0   0   0   0   0   0   0 .04 .09 .16 .29 .47 .71 1.0 1.3 1.6 1.9 2.1 2.2 2.1 1.9 1.6 1.2 .95 .65 .42
27 0000   0   0   0   0   0   0   0   0   0   0 .07 .15 .28 .49 .79 1.2 1.7 2.3 2.8 3.3 3.7 3.8 3.6 3.2 2.7 2.1 1.6 1.1 .72
28 0000   0   0   0   0   0   0   0   0   0   0 .12 .24 .44 .77 1.2 1.9 2.7 3.6 4.6 5.4 5.9 6.1 5.9 5.3 4.4 3.5 2.5 1.7 1.1
29 0000   0   0   0   0   0   0   0   0   0   0 .18 .36 .66 1.1 1.8 2.8 4.1 5.5 7.0 8.2 9.1 9.3 9.0 8.0 6.7 5.3 3.8 2.6 1.7
30 0000   0   0   0   0   0   0   0   0   0   0 .25 .50 .93 1.6 2.6 4.0 5.9 7.9  10  12  13  14  13  12  10 7.6 5.5 3.8 2.4
31 0000   0   0   0   0   0   0   0   0   0   0 .33 .65 1.2 2.1 3.5 5.4 7.9  11  14  16  18  19  18  16  13  10 7.4 5.0 3.2
32 0000   0   0   0   0   0   0   0   0   0   0 .40 .80 1.5 2.6 4.4 6.8  10  14  17  21  23  24  23  20  17  13 9.4 6.4 4.0
33 0000   0   0   0   0   0   0   0   0   0   0 .46 .93 1.7 3.1 5.1 8.1  12  16  21  25  28  29  28  25  20  16  11 7.5 4.7
34 0000   0   0   0   0   0   0   0   0   0   0 .50 1.0 1.9 3.4 5.7 8.9  13  18  24  28  32  33  31  28  23  18  13 8.4 5.2
35 0000   0   0   0   0   0   0   0   0   0   0 .50 1.0 1.9 3.4 5.8 9.3  14  19  25  30  33  35  33  29  24  19  13 8.7 5.4
36 0000   0   0   0   0   0   0   0   0   0   0 .48 .97 1.8 3.3 5.6 9.0  14  19  24  30  33  34  33  29  24  18  13 8.5 5.2
37 0000   0   0   0   0   0   0   0   0   0   0 .42 .86 1.6 3.0 5.1 8.1  12  17  22  27  30  31  30  27  22  17  12 7.7 4.7
38 0000   0   0   0   0   0   0   0   0   0   0 .35 .71 1.3 2.5 4.2 6.8  10  14  19  23  26  27  25  23  18  14  10 6.5 4.0
39 0000   0   0   0   0   0   0   0   0   0   0 .27 .55 1.0 1.9 3.3 5.3 8.0  11  15  18  20  21  20  18  14  11 7.7 5.1 3.1
40 0000   0   0   0   0   0   0   0   0   0   0 .19 .40 .78 1.4 2.4 3.9 5.8 8.2  11  13  15  15  15  13  11 7.9 5.6 3.7 2.2
41 0000   0   0   0   0   0   0   0   0   0   0 .13 .27 .52 .95 1.6 2.6 3.9 5.5 7.2 8.7  10  10  10 8.6 7.0 5.3 3.7 2.4 1.5
42 0000   0   0   0   0   0   0   0   0   0   0 .08 .17 .33 .60 1.0 1.6 2.4 3.4 4.4 5.4 6.0 6.3 6.0 5.3 4.3 3.3 2.3 1.5 .96
43 0000   0   0   0   0   0   0   0   0   0   0 .05 .10 .19 .35 .60 .95 1.4 1.9 2.5 3.1 3.5 3.6 3.4 3.0 2.5 1.9 1.3 .90 .56
44 0000   0   0   0   0   0   0   0   0   0   0 .02 .05 .10 .19 .32 .52 .77 1.0 1.3 1.6 1.8 1.9 1.8 1.6 1.3 1.0 .74 .49 .30
45 0000   0   0   0   0   0   0   0   0   0   0 .01 .02 .05 .09 .16 .26 .39 .54 .69 .83 .93 .96 .92 .82 .67 .52 .37 .24 .15
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .07   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .69   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  1.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  1.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  1.9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  2.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  2.8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  3.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  3.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  3.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  2.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  2.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  1.8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  1.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .88   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .55   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .09   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   .   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .18 .16 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .40 1.4 2.6 2.3 1.0 .22 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .39 2.8  10  19  17 7.2 1.5 .17 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 1.4  10  38  71  62  26 5.5 .62 .04   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .19 2.5  18  70 140 120  47  10 1.2 .10   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .26 2.6  17  62 121 105  43  10 1.5 .20 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .35 2.2  11  32  57  52  26 8.3 2.0 .41 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .52 2.4 8.4  20  32  32  20 9.0 2.9 .68 .11 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .61 2.7 8.6  19  30  31  21  10 3.4 .82 .14 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .53 2.2 7.1  16  25  27  18 8.6 2.9 .74 .14 .02   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .37 1.4 4.4  10  16  17  12 5.5 2.0 .57 .14 .03   +   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .26 .87 2.3 4.9 7.4 7.9 5.8 3.1 1.3 .47 .15 .04 .01   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .22 .63 1.4 2.7 4.0 4.4 3.5 2.2 1.1 .47 .17 .05 .01   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .21 .56 1.2 2.2 3.3 3.7 3.1 2.1 1.1 .50 .19 .07 .02   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .07 .20 .51 1.1 2.0 2.9 3.3 2.9 1.9 1.0 .50 .21 .08 .03 .01
23 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .02 .08 .20 .45 .94 1.6 2.4 2.7 2.4 1.7 .99 .50 .23 .10 .04 .01
24 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .08 .20 .42 .81 1.3 1.9 2.1 1.9 1.4 .93 .52 .26 .12 .05 .02
25 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .21 .42 .76 1.2 1.6 1.8 1.7 1.3 .95 .57 .30 .15 .07 .03
26 OOOO   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .10 .22 .43 .75 1.1 1.5 1.7 1.7 1.4 .99 .61 .34 .17 .08 .03
27 OOOO   0   0   0   .   .   .   .   +   +   +   +   + .02 .05 .11 .22 .43 .74 1.1 1.5 1.7 1.6 1.3 1.0 .64 .37 .19 .10 .04
28 OOOO   0   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .11 .22 .41 .69 1.0 1.3 1.5 1.5 1.3 .97 .64 .38 .21 .11 .05
29 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .02 .06 .12 .22 .39 .64 .93 1.2 1.3 1.3 1.1 .91 .62 .39 .23 .12 .06
30 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .22 .38 .59 .84 1.0 1.2 1.2 1.0 .86 .62 .40 .24 .14 .07
31 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .22 .36 .56 .78 .99 1.1 1.1 1.0 .83 .61 .41 .26 .15 .08
32 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .21 .35 .52 .72 .91 1.0 1.0 .95 .79 .59 .41 .26 .15 .08
33 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .20 .32 .48 .66 .82 .92 .94 .87 .73 .56 .39 .25 .15 .09
34 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .18 .29 .43 .58 .72 .81 .83 .77 .65 .50 .36 .24 .15 .08
35 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .10 .16 .25 .37 .49 .61 .69 .70 .66 .57 .45 .32 .22 .14 .08
36 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .14 .22 .31 .41 .51 .57 .59 .55 .48 .38 .28 .19 .12 .07
37 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .11 .18 .25 .34 .41 .46 .48 .45 .39 .32 .24 .16 .10 .06
38 OOOO   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .09 .14 .20 .26 .32 .36 .37 .36 .31 .25 .19 .13 .08 .05
39 OOOO   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .10 .15 .20 .24 .27 .28 .27 .23 .19 .14 .10 .06 .04
40 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .01 .03 .05 .07 .10 .14 .17 .19 .20 .19 .17 .13 .10 .07 .04 .02
41 OOOO   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .12 .13 .12 .11 .09 .07 .04 .03 .01
42 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .05 .07 .07 .08 .07 .06 .05 .04 .03 .02 .01
43 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
44 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01   +   +   +
45 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
46 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
50 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
23    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
24    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
26  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
27  .02   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
28  .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
29  .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
30  .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
31  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
32  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
33  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
34  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
35  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
36  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
37  .03 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
38  .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
39  .02 .01   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
40  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
41  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
42    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
43    +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
44    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
45    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
46    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
47    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
48    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.       56.52      0.0000E+00   856.1      0.0000E+00   13.50      0.200000E-02
  2        2636.         1726.       2.000      0.0000E+00   884.9      0.0000E+00   13.50      0.200000E-02
  3        2636.         1726.       1.915      0.0000E+00   917.7      0.0000E+00   13.50      0.200000E-02
  4        2635.         1726.       1.573      0.0000E+00   948.2      0.0000E+00   13.50      0.200000E-02
  5        2635.         1726.       1.195      0.0000E+00   973.5      0.0000E+00   13.50      0.200000E-02
  6        2635.         1726.      0.9122      0.0000E+00   994.1      0.0000E+00   13.50      0.200000E-02
  7        2635.         1726.      0.6960      0.0000E+00   1011.      0.0000E+00   13.50      0.200000E-02
  8        2635.         1725.      0.5827      0.0000E+00   1025.      0.0000E+00   13.50      0.200000E-02
  9        2634.         1725.      0.4908      0.0000E+00   1037.      0.0000E+00   13.50      0.200000E-02
 10        2634.         1725.      0.4253      0.0000E+00   1048.      0.0000E+00   13.50      0.200000E-02
 11        2508.         1717.       135.0      0.0000E+00   1048.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     168.48
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1953.7




SUMMARY OF Clay     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     140.99
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1981.2




SUMMARY OF Clay     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     117.99
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2004.2
```

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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   +   + .01 .01 .02 .03 .05 .06 .08 .10 .12 .13 .15 .17 .18 .19 .19 .19 .18 .17 .15 .13 .11
34 0000   0   0   0   0   0   0   + .01 .02 .03 .04 .05 .07 .09 .12 .15 .18 .21 .24 .26 .28 .29 .29 .29 .28 .26 .23 .20 .17
35 0000   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .18 .23 .27 .31 .36 .39 .42 .44 .44 .43 .42 .39 .35 .31 .26
36 0000   0   0   0   0   0   0 .01 .03 .04 .06 .09 .12 .16 .21 .27 .33 .39 .46 .52 .57 .61 .64 .65 .64 .61 .57 .51 .45 .38
37 0000   0   0   0   0   0   0 .02 .04 .06 .09 .12 .17 .23 .30 .38 .47 .56 .65 .74 .82 .88 .91 .92 .91 .87 .81 .73 .64 .55
38 0000   0   0   0   0   0   0 .03 .05 .08 .12 .17 .24 .32 .41 .53 .65 .78 .91 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .89 .76
39 0000   0   0   0   0   0   0 .05 .07 .11 .16 .23 .32 .43 .56 .71 .88 1.0 1.2 1.3 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.3 1.2 1.0
40 0000   0   0   0   0   0   0 .06 .09 .14 .21 .30 .42 .56 .73 .93 1.1 1.3 1.6 1.8 2.0 2.1 2.2 2.2 2.2 2.1 2.0 1.8 1.5 1.3
41 0000   0   0   0   0   0   0 .08 .12 .18 .27 .38 .53 .72 .94 1.1 1.4 1.7 2.0 2.3 2.6 2.7 2.9 2.9 2.9 2.7 2.5 2.3 2.0 1.7
42 0000   0   0   0   0   0   0 .10 .15 .23 .33 .48 .66 .89 1.1 1.4 1.8 2.2 2.5 2.9 3.2 3.5 3.6 3.7 3.6 3.4 3.2 2.9 2.5 2.1
43 0000   0   0   0   0   0   0 .12 .18 .27 .40 .57 .80 1.0 1.4 1.8 2.2 2.6 3.1 3.5 3.9 4.2 4.4 4.5 4.4 4.2 3.9 3.5 3.1 2.6
44 0000   0   0   0   0   0   0 .14 .21 .32 .47 .67 .94 1.2 1.6 2.1 2.6 3.1 3.7 4.2 4.7 5.0 5.2 5.3 5.2 5.0 4.6 4.2 3.6 3.1
45 0000   0   0   0   0   0   0 .16 .24 .37 .54 .77 1.0 1.4 1.9 2.4 3.0 3.6 4.3 4.9 5.4 5.8 6.1 6.1 6.0 5.8 5.3 4.8 4.2 3.5
46 0000   0   0   0   0   0   0 .17 .27 .41 .60 .86 1.1 1.6 2.1 2.7 3.4 4.1 4.8 5.5 6.1 6.5 6.8 6.9 6.8 6.5 6.0 5.4 4.7 4.0
47 0000   0   0   0   0   0   0 .19 .29 .44 .65 .93 1.2 1.7 2.3 2.9 3.7 4.4 5.2 6.0 6.6 7.1 7.5 7.6 7.4 7.1 6.6 5.9 5.1 4.3
48 0000   0   0   0   0   0   0 .19 .30 .46 .68 .97 1.3 1.8 2.4 3.1 3.9 4.7 5.5 6.3 7.0 7.6 7.9 8.0 7.9 7.5 7.0 6.3 5.4 4.6
49 0000   0   0   0   0   0   0 .20 .31 .47 .69 1.0 1.3 1.8 2.5 3.2 4.0 4.8 5.7 6.5 7.3 7.8 8.2 8.3 8.1 7.8 7.2 6.4 5.6 4.7
50 0000   0   0   0   0   0   0 .19 .31 .46 .69 .99 1.3 1.8 2.4 3.2 4.0 4.8 5.7 6.5 7.3 7.8 8.2 8.3 8.2 7.8 7.2 6.4 5.6 4.7
51 0000   0   0   0   0   0   0 .19 .29 .45 .66 .95 1.3 1.8 2.4 3.1 3.8 4.7 5.5 6.3 7.0 7.6 7.9 8.1 7.9 7.6 7.0 6.3 5.4 4.6
52 0000   0   0   0   0   0   0 .17 .27 .42 .62 .89 1.2 1.7 2.2 2.9 3.6 4.4 5.2 6.0 6.6 7.2 7.5 7.6 7.5 7.1 6.6 5.9 5.1 4.3
53 0000   0   0   0   0   0   0 .16 .25 .38 .56 .81 1.1 1.5 2.0 2.6 3.3 4.0 4.7 5.4 6.1 6.5 6.8 6.9 6.8 6.5 6.0 5.4 4.7 3.9
54 0000   0   0   0   0   0   0 .14 .22 .34 .50 .72 1.0 1.3 1.8 2.3 2.9 3.6 4.2 4.8 5.4 5.8 6.1 6.1 6.0 5.8 5.3 4.8 4.1 3.5
55 0000   0   0   0   0   0   0 .12 .19 .29 .43 .62 .87 1.1 1.5 2.0 2.5 3.0 3.6 4.1 4.6 5.0 5.2 5.3 5.2 4.9 4.6 4.1 3.6 3.0
56 0000   0   0   0   0   0   0 .10 .16 .24 .36 .51 .72 .99 1.3 1.6 2.1 2.5 3.0 3.4 3.8 4.1 4.3 4.4 4.3 4.1 3.8 3.4 3.0 2.5
57 0000   0   0   0   0   0   0 .08 .13 .19 .29 .42 .58 .80 1.0 1.3 1.7 2.0 2.4 2.8 3.1 3.3 3.5 3.5 3.5 3.3 3.1 2.7 2.4 2.0
```

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58 OOOO   0   0   0   0   0   0 .06 .10 .15 .22 .33 .46 .63 .83 1.0 1.3 1.6 1.9 2.2 2.4 2.6 2.7 2.8 2.7 2.6 2.4 2.1 1.9 1.6
59 OOOO   0   0   0   0   0   0 .05 .07 .11 .17 .25 .35 .48 .63 .82 1.0 1.2 1.4 1.6 1.8 2.0 2.1 2.1 2.1 2.0 1.8 1.6 1.4 1.2
60 OOOO   0   0   0   0   0   0 .03 .05 .08 .13 .18 .26 .35 .47 .60 .75 .92 1.0 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .90
61 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .13 .18 .25 .33 .43 .54 .66 .77 .89 .99 1.0 1.1 1.1 1.1 1.0 .98 .88 .76 .64
62 OOOO   0   0   0   0   0   0 .01 .02 .04 .06 .09 .13 .17 .23 .30 .37 .46 .54 .62 .68 .74 .77 .78 .77 .73 .68 .61 .53 .45
63 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .12 .16 .20 .25 .31 .36 .41 .46 .50 .52 .52 .52 .49 .46 .41 .36 .30
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .09 .07 .06 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
34  .14 .12 .09 .07 .05 .03 .02   0   0   0   0   0   0   0   0   00000
35  .22 .17 .14 .10 .08 .05 .04   0   0   0   0   0   0   0   0   00000
36  .32 .26 .20 .15 .11 .08 .06   0   0   0   0   0   0   0   0   00000
37  .45 .37 .29 .22 .16 .12 .08   0   0   0   0   0   0   0   0   00000
38  .63 .51 .40 .30 .22 .16 .11   0   0   0   0   0   0   0   0   00000
39  .85 .68 .54 .41 .30 .22 .15   0   0   0   0   0   0   0   0   00000
40  1.1 .90 .70 .53 .40 .28 .20   0   0   0   0   0   0   0   0   00000
41  1.4 1.1 .90 .68 .50 .36 .25   0   0   0   0   0   0   0   0   00000
42  1.7 1.4 1.1 .85 .63 .45 .31   0   0   0   0   0   0   0   0   00000
43  2.1 1.7 1.3 1.0 .76 .54 .38   0   0   0   0   0   0   0   0   00000
44  2.5 2.0 1.6 1.2 .89 .64 .45   0   0   0   0   0   0   0   0   00000
45  2.9 2.3 1.8 1.3 1.0 .73 .51   0   0   0   0   0   0   0   0   00000
46  3.3 2.6 2.0 1.5 1.1 .81 .57   0   0   0   0   0   0   0   0   00000
47  3.6 2.8 2.2 1.6 1.2 .88 .61   0   0   0   0   0   0   0   0   00000
48  3.8 3.0 2.3 1.7 1.3 .93 .64   0   0   0   0   0   0   0   0   00000
49  3.9 3.1 2.4 1.8 1.3 .95 .66   0   0   0   0   0   0   0   0   00000
50  3.9 3.1 2.4 1.8 1.3 .94 .65   0   0   0   0   0   0   0   0   00000
51  3.8 3.0 2.3 1.7 1.2 .91 .63   0   0   0   0   0   0   0   0   00000
52  3.5 2.8 2.2 1.6 1.2 .85 .59   0   0   0   0   0   0   0   0   00000
53  3.2 2.6 2.0 1.5 1.1 .78 .54   0   0   0   0   0   0   0   0   00000
54  2.8 2.3 1.7 1.3 .97 .69 .47   0   0   0   0   0   0   0   0   00000
55  2.4 1.9 1.5 1.1 .83 .59 .41   0   0   0   0   0   0   0   0   00000
56  2.0 1.6 1.2 .95 .69 .49 .34   0   0   0   0   0   0   0   0   00000
57  1.6 1.3 1.0 .77 .56 .40 .27   0   0   0   0   0   0   0   0   00000
58  1.3 1.0 .81 .60 .44 .31 .21   0   0   0   0   0   0   0   0   00000
59  1.0 .79 .61 .46 .33 .24 .16   0   0   0   0   0   0   0   0   00000
60  .74 .59 .45 .34 .25 .17 .12   0   0   0   0   0   0   0   0   00000
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61  .53 .42 .32 .24 .18 .12 .08   0   0   0   0   0   0   0   0   0OOOO
62  .37 .29 .22 .17 .12 .09 .06   0   0   0   0   0   0   0   0   0OOOO
63  .25 .20 .15 .11 .08 .06 .04   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   .   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .18 .16 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .40 1.4 2.6 2.3 1.0 .22 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .39 2.8  10  19  17 7.2 1.5 .17 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 1.4  10  38  71  62  26 5.5 .62 .04   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .19 2.5  18  70 140 120  47  10 1.2 .10   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .26 2.6  17  62 121 105  43  10 1.5 .20 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .35 2.2  11  32  57  52  26 8.3 2.0 .41 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .52 2.4 8.4  20  32  32  20 9.0 2.9 .68 .11 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .61 2.7 8.6  19  30  31  21  10 3.4 .82 .14 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .53 2.2 7.1  16  25  27  18 8.6 2.9 .74 .14 .02   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .37 1.4 4.4  10  16  17  12 5.5 2.0 .57 .14 .03   +   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .26 .87 2.3 4.9 7.4 7.9 5.8 3.1 1.3 .47 .15 .04 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .06 .22 .63 1.4 2.7 4.0 4.4 3.5 2.2 1.1 .47 .17 .05 .01   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .21 .56 1.2 2.2 3.3 3.7 3.1 2.1 1.1 .50 .19 .07 .02   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .07 .20 .51 1.1 2.0 2.9 3.3 2.9 1.9 1.0 .50 .21 .08 .03 .01
23 OOOO   0   0   0   0   .   .   .   .   .   +   +   + .01 .02 .08 .20 .46 .94 1.6 2.4 2.7 2.4 1.7 .99 .50 .23 .10 .04 .01
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .03 .08 .20 .42 .81 1.3 1.9 2.1 1.9 1.4 .93 .52 .27 .12 .05 .02
25 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .09 .21 .42 .76 1.2 1.6 1.8 1.7 1.3 .95 .57 .31 .15 .07 .03
26 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .04 .10 .22 .43 .75 1.1 1.5 1.7 1.7 1.4 1.0 .62 .34 .18 .08 .04
27 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .02 .05 .11 .23 .43 .74 1.1 1.5 1.7 1.6 1.4 1.0 .64 .37 .20 .10 .05
28 OOOO   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .12 .23 .42 .70 1.0 1.3 1.5 1.5 1.3 .97 .64 .39 .22 .12 .06
29 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .23 .40 .65 .95 1.2 1.4 1.3 1.2 .93 .64 .41 .24 .13 .07
30 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .03 .07 .13 .23 .39 .61 .87 1.1 1.2 1.2 1.1 .89 .64 .43 .26 .15 .08
31 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .03 .07 .13 .24 .39 .59 .82 1.0 1.1 1.1 1.0 .87 .65 .44 .28 .17 .10
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .38 .57 .78 .97 1.0 1.1 1.0 .85 .65 .46 .30 .18 .11
33 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .37 .54 .73 .90 1.0 1.0 .97 .82 .64 .46 .31 .20 .12
34 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .05 .08 .14 .23 .36 .51 .68 .83 .94 .96 .90 .78 .62 .46 .32 .21 .13
35 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .05 .09 .15 .23 .34 .48 .63 .77 .86 .88 .84 .73 .60 .45 .32 .22 .14
36 OOOO   .   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .15 .23 .33 .46 .59 .71 .79 .81 .78 .69 .57 .45 .33 .23 .15
37 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .32 .43 .55 .66 .73 .76 .73 .66 .55 .44 .33 .23 .16
38 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .31 .41 .52 .61 .68 .70 .68 .62 .53 .43 .33 .24 .17
39 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .14 .21 .29 .39 .48 .57 .63 .65 .64 .59 .51 .42 .32 .24 .17
40 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .14 .20 .28 .36 .45 .53 .58 .61 .59 .55 .48 .40 .32 .24 .17
41 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .14 .20 .26 .34 .42 .49 .54 .56 .55 .51 .46 .38 .31 .24 .17
42 OOOO   .   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .19 .25 .32 .39 .45 .49 .51 .51 .48 .43 .36 .30 .23 .17
43 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .23 .30 .36 .41 .45 .47 .47 .44 .40 .34 .28 .22 .17
44 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .12 .17 .22 .27 .33 .38 .41 .43 .43 .41 .37 .32 .27 .22 .17
45 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .08 .12 .16 .20 .25 .30 .35 .38 .39 .39 .38 .34 .30 .25 .20 .16
46 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .05 .08 .11 .14 .19 .23 .27 .31 .34 .36 .36 .34 .32 .28 .24 .19 .15
47 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .17 .21 .25 .28 .31 .32 .32 .31 .29 .25 .22 .18 .14
48 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .22 .25 .27 .28 .29 .28 .26 .23 .20 .16 .13
49 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .11 .14 .17 .19 .22 .24 .25 .25 .24 .23 .20 .18 .15 .12
50 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .09 .12 .14 .17 .19 .21 .22 .22 .21 .20 .18 .16 .13 .11
51 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .12 .15 .16 .18 .19 .19 .18 .17 .16 .14 .11 .09
52 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .12 .14 .15 .16 .16 .15 .15 .13 .12 .10 .08
53 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .10 .11 .12 .13 .13 .13 .12 .11 .10 .08 .07
54 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .10 .10 .09 .08 .07 .05
55 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .07 .08 .08 .09 .08 .08 .07 .06 .05 .04
56 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .07 .06 .06 .06 .05 .04 .03
57 OOOO   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .04 .04 .03 .03
58 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .03 .03 .03 .02 .02
59 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .02 .02 .02 .02 .01
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60 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01 .01
61 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
62 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
63 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
24    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
26  .01   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
27  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
28  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   0   00000
29  .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   00000
30  .04 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .0000
31  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
32  .06 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .07 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
34  .08 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
35  .09 .05 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .0000
36  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
37  .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
38  .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   .   .0000
39  .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .0000
40  .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .0000
41  .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .0000
42  .12 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .0000
43  .12 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .0000
44  .12 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .0000
45  .12 .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
46  .11 .08 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
47  .11 .08 .06 .04 .02 .02 .01   +   +   +   +   +   +   +   +   +0000
48  .10 .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
49  .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
50  .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
51  .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   .0000
52  .06 .05 .03 .02 .02 .01   +   +   +   +   +   +   +   +   +   .0000
53  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
54  .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
55  .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
56  .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
57  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   .   .0000
58  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
59  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
60  .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
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61    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
62    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
63    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
64    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
65    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
66    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
67    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .OOOO
68    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
69    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.       33.12      0.0000E+00   1391.      0.0000E+00   13.50      0.200000E-02
  2        3709.         1801.       1.172      0.0000E+00   1425.      0.0000E+00   13.50      0.200000E-02
  3        3709.         1801.       1.123      0.0000E+00   1464.      0.0000E+00   13.50      0.200000E-02
  4        3708.         1801.      0.9218      0.0000E+00   1500.      0.0000E+00   13.50      0.200000E-02
  5        3708.         1801.      0.7006      0.0000E+00   1530.      0.0000E+00   13.50      0.200000E-02
  6        3708.         1801.      0.5347      0.0000E+00   1554.      0.0000E+00   13.50      0.200000E-02
  7        3708.         1801.      0.4079      0.0000E+00   1573.      0.0000E+00   13.50      0.200000E-02
  8        3707.         1801.      0.3415      0.0000E+00   1590.      0.0000E+00   13.50      0.200000E-02
  9        3707.         1801.      0.2877      0.0000E+00   1604.      0.0000E+00   13.50      0.200000E-02
 10        3707.         1801.      0.2493      0.0000E+00   1617.      0.0000E+00   13.50      0.200000E-02
 11        3581.         1792.       79.13      0.0000E+00   1617.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     98.744
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2023.4




SUMMARY OF Clay     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     82.635
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2039.3




SUMMARY OF Clay     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     69.155
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2052.3
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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .08 .09 .10 .10 .10 .11 .11 .11 .10 .10 .10 .09
44 OOOO   0   0   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .14 .14 .14 .14 .14 .13 .13 .12
45 OOOO   0   0   + .01 .01 .02 .02 .03 .04 .04 .05 .07 .08 .09 .11 .12 .13 .15 .16 .17 .18 .19 .19 .19 .19 .18 .18 .17 .16
46 OOOO   0   0 .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .14 .16 .17 .19 .21 .22 .23 .24 .25 .25 .25 .24 .23 .22 .21
47 OOOO   0   0 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .15 .18 .20 .22 .25 .27 .28 .30 .31 .32 .32 .32 .31 .30 .28 .26
48 OOOO   0   0 .01 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .19 .22 .25 .28 .31 .34 .36 .38 .39 .40 .40 .40 .39 .37 .36 .33
49 OOOO   0   0 .02 .02 .03 .05 .06 .08 .10 .12 .15 .18 .21 .24 .28 .32 .35 .39 .42 .45 .47 .49 .50 .50 .50 .48 .47 .44 .41
50 OOOO   0   0 .02 .03 .04 .06 .07 .09 .12 .15 .18 .22 .26 .30 .34 .39 .43 .47 .51 .55 .58 .60 .61 .61 .61 .59 .57 .54 .51
51 OOOO   0   0 .03 .04 .05 .07 .09 .11 .14 .18 .22 .26 .31 .36 .41 .47 .52 .57 .62 .66 .70 .72 .74 .74 .74 .72 .69 .66 .62
52 OOOO   0   0 .03 .05 .06 .08 .11 .14 .17 .21 .26 .31 .37 .43 .49 .56 .62 .68 .74 .79 .83 .86 .88 .89 .88 .86 .83 .79 .74
53 OOOO   0   0 .04 .05 .07 .10 .13 .16 .20 .25 .30 .37 .43 .50 .58 .66 .73 .81 .87 .93 .98 1.0 1.0 1.0 1.0 1.0 .98 .93 .87
54 OOOO   0   0 .05 .06 .09 .11 .15 .19 .23 .29 .35 .42 .50 .59 .67 .76 .85 .93 1.0 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 1.0
55 OOOO   0   0 .05 .07 .10 .13 .17 .21 .27 .33 .40 .48 .57 .67 .77 .87 .97 1.0 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.2 1.1
56 OOOO   0   0 .06 .08 .11 .14 .19 .24 .30 .37 .45 .55 .65 .75 .87 .98 1.1 1.2 1.3 1.4 1.4 1.5 1.5 1.5 1.5 1.5 1.4 1.3 1.3
57 OOOO   0   0 .07 .09 .12 .16 .21 .27 .33 .41 .50 .61 .72 .84 .96 1.0 1.2 1.3 1.4 1.5 1.6 1.7 1.7 1.7 1.7 1.6 1.6 1.5 1.4
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58 OOOO   0   0 .07 .10 .13 .18 .23 .29 .36 .45 .55 .66 .78 .92 1.0 1.2 1.3 1.4 1.5 1.7 1.7 1.8 1.9 1.9 1.9 1.8 1.7 1.6 1.5
59 OOOO   0   0 .08 .11 .14 .19 .25 .31 .39 .49 .59 .71 .85 .99 1.1 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
60 OOOO   0   0 .08 .11 .15 .20 .26 .33 .42 .52 .63 .76 .90 1.0 1.2 1.3 1.5 1.6 1.8 1.9 2.0 2.1 2.1 2.2 2.1 2.1 2.0 1.9 1.8
61 OOOO   0   0 .09 .12 .16 .21 .27 .35 .44 .54 .66 .80 .94 1.1 1.2 1.4 1.6 1.7 1.9 2.0 2.1 2.2 2.3 2.3 2.2 2.2 2.1 2.0 1.9
62 OOOO   0   0 .09 .12 .16 .22 .28 .36 .45 .56 .68 .82 .97 1.1 1.3 1.4 1.6 1.8 1.9 2.1 2.2 2.3 2.3 2.3 2.3 2.3 2.2 2.1 1.9
63 OOOO   0   0 .09 .12 .17 .22 .29 .36 .46 .57 .69 .84 .99 1.1 1.3 1.5 1.7 1.8 2.0 2.1 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.1 2.0
64 OOOO   0   0 .09 .12 .17 .22 .29 .36 .46 .57 .70 .84 .99 1.1 1.3 1.5 1.7 1.8 2.0 2.1 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.1 2.0
65 OOOO   0   0 .09 .12 .16 .22 .28 .36 .45 .56 .69 .83 .98 1.1 1.3 1.5 1.6 1.8 2.0 2.1 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.1 2.0
66 OOOO   0   0 .09 .12 .16 .21 .27 .35 .44 .55 .67 .81 .96 1.1 1.2 1.4 1.6 1.8 1.9 2.1 2.2 2.3 2.3 2.3 2.3 2.2 2.2 2.0 1.9
67 OOOO   0   0 .08 .11 .15 .20 .26 .34 .42 .52 .64 .77 .92 1.0 1.2 1.4 1.5 1.7 1.8 2.0 2.1 2.2 2.2 2.2 2.2 2.2 2.1 2.0 1.8
68 OOOO   0   0 .08 .11 .14 .19 .25 .32 .40 .50 .61 .73 .87 1.0 1.1 1.3 1.4 1.6 1.7 1.9 2.0 2.0 2.1 2.1 2.1 2.0 2.0 1.9 1.7
69 OOOO   0   0 .07 .10 .13 .18 .23 .29 .37 .46 .56 .68 .81 .94 1.0 1.2 1.3 1.5 1.6 1.7 1.8 1.9 1.9 2.0 1.9 1.9 1.8 1.7 1.6
70 OOOO   0   0 .07 .09 .12 .16 .21 .27 .34 .42 .52 .62 .74 .87 1.0 1.1 1.2 1.4 1.5 1.6 1.7 1.7 1.8 1.8 1.8 1.7 1.7 1.6 1.5
71 OOOO   0   0 .06 .08 .11 .15 .19 .24 .31 .38 .47 .56 .67 .78 .90 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.4 1.3
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .08 .07 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   00000
44  .11 .10 .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   0   0   00000
45  .15 .13 .12 .10 .09 .08 .06 .05 .04 .03 .03 .02 .01   0   0   00000
46  .19 .17 .15 .14 .12 .10 .08 .07 .06 .04 .04 .03 .02   0   0   00000
47  .24 .22 .20 .17 .15 .13 .11 .09 .07 .06 .05 .04 .03   0   0   00000
48  .31 .28 .25 .22 .19 .16 .14 .11 .09 .07 .06 .05 .03   0   0   00000
49  .38 .35 .31 .27 .24 .20 .17 .14 .12 .09 .07 .06 .04   0   0   00000
50  .47 .43 .38 .34 .29 .25 .21 .17 .14 .12 .09 .07 .05   0   0   00000
51  .57 .52 .46 .41 .35 .30 .25 .21 .17 .14 .11 .09 .07   0   0   00000
52  .68 .61 .55 .49 .42 .36 .30 .25 .21 .17 .13 .10 .08   0   0   00000
53  .80 .72 .65 .57 .50 .42 .36 .30 .24 .20 .16 .12 .09   0   0   00000
54  .93 .84 .75 .66 .57 .49 .41 .34 .28 .23 .18 .14 .11   0   0   00000
55  1.0 .96 .86 .76 .66 .56 .47 .39 .32 .26 .21 .16 .12   0   0   00000
56  1.1 1.0 .97 .85 .74 .63 .53 .44 .36 .29 .23 .18 .14   0   0   00000
57  1.3 1.2 1.0 .95 .82 .70 .59 .49 .40 .32 .26 .20 .16   0   0   00000
58  1.4 1.3 1.1 1.0 .90 .77 .65 .54 .44 .36 .28 .22 .17   0   0   00000
59  1.5 1.4 1.2 1.1 .97 .83 .70 .58 .48 .38 .30 .24 .18   0   0   00000
60  1.6 1.5 1.3 1.1 1.0 .88 .74 .62 .51 .41 .32 .25 .19   0   0   00000
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61  1.7 1.5 1.4 1.2 1.0 .93 .78 .65 .53 .43 .34 .26 .20   0   0   00000
62  1.8 1.6 1.4 1.2 1.1 .96 .81 .67 .55 .44 .35 .27 .21   0   0   00000
63  1.8 1.6 1.5 1.3 1.1 .98 .82 .68 .56 .45 .35 .28 .21   0   0   00000
64  1.8 1.6 1.5 1.3 1.1 .98 .82 .68 .56 .45 .36 .28 .21   0   0   00000
65  1.8 1.6 1.4 1.3 1.1 .97 .81 .67 .55 .44 .35 .27 .21   0   0   00000
66  1.7 1.6 1.4 1.2 1.1 .94 .79 .66 .54 .43 .34 .27 .20   0   0   00000
67  1.7 1.5 1.3 1.2 1.0 .90 .76 .63 .51 .41 .33 .25 .20   0   0   00000
68  1.6 1.4 1.3 1.1 1.0 .85 .72 .59 .48 .39 .31 .24 .18   0   0   00000
69  1.5 1.3 1.2 1.0 .93 .79 .67 .55 .45 .36 .29 .22 .17   0   0   00000
70  1.3 1.2 1.1 .99 .85 .73 .61 .51 .41 .33 .26 .20 .16   0   0   00000
71  1.2 1.1 1.0 .89 .77 .66 .55 .46 .37 .30 .24 .18 .14   0   0   00000
72 00000000000000000000000000000000000000000000000000000000000000000000
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   .   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .18 .16 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .40 1.4 2.6 2.3 1.0 .22 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .39 2.8  10  19  17 7.2 1.5 .17 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 1.4  10  38  71  62  26 5.5 .62 .04   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .19 2.5  18  70 140 120  47  10 1.2 .10   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .26 2.6  17  62 121 105  43  10 1.5 .20 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .35 2.2  11  32  57  52  26 8.3 2.0 .41 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .52 2.4 8.4  20  32  32  20 9.0 2.9 .68 .11 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .61 2.7 8.6  19  30  31  21  10 3.4 .82 .14 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .53 2.2 7.1  16  25  27  18 8.6 2.9 .74 .14 .02   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .37 1.4 4.4  10  16  17  12 5.5 2.0 .57 .14 .03   +   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .26 .87 2.3 4.9 7.4 7.9 5.8 3.1 1.3 .47 .15 .04 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .06 .22 .63 1.4 2.7 4.0 4.4 3.5 2.2 1.1 .47 .17 .05 .01   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .21 .56 1.2 2.2 3.3 3.7 3.1 2.1 1.1 .50 .19 .07 .02   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .07 .20 .51 1.1 2.0 2.9 3.3 2.9 1.9 1.0 .50 .21 .08 .03 .01
23 OOOO   0   0   0   0   .   .   .   .   .   +   +   + .01 .02 .08 .20 .46 .94 1.6 2.4 2.7 2.4 1.7 .99 .50 .23 .10 .04 .01
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .03 .08 .20 .42 .81 1.3 1.9 2.1 1.9 1.4 .93 .52 .27 .12 .05 .02
25 OOOO   0   0   .   .   .   .   .   .   +   +   +   + .01 .04 .09 .21 .42 .76 1.2 1.6 1.8 1.7 1.3 .95 .57 .31 .15 .07 .03
26 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .04 .10 .22 .43 .75 1.1 1.5 1.7 1.7 1.4 1.0 .62 .34 .18 .08 .04
27 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .02 .05 .11 .23 .43 .74 1.1 1.5 1.7 1.6 1.4 1.0 .64 .37 .20 .10 .05
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .12 .23 .42 .70 1.0 1.3 1.5 1.5 1.3 .97 .64 .39 .22 .12 .06
29 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .23 .40 .65 .95 1.2 1.4 1.3 1.2 .93 .64 .41 .24 .13 .07
30 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .03 .07 .13 .23 .39 .61 .87 1.1 1.2 1.2 1.1 .89 .64 .43 .26 .15 .08
31 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .03 .07 .13 .24 .39 .59 .82 1.0 1.1 1.1 1.0 .87 .65 .44 .28 .17 .10
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .38 .57 .78 .97 1.0 1.1 1.0 .85 .65 .46 .30 .19 .11
33 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .37 .54 .73 .90 1.0 1.0 .97 .82 .64 .46 .31 .20 .12
34 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .05 .08 .15 .24 .36 .51 .68 .83 .94 .96 .90 .78 .62 .46 .32 .21 .13
35 OOOO   .   .   +   +   +   +   +   +   +   + .01 .03 .05 .09 .15 .23 .35 .48 .63 .77 .86 .88 .84 .73 .60 .45 .33 .22 .14
36 OOOO   .   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .15 .23 .33 .46 .59 .71 .79 .82 .78 .70 .58 .45 .33 .23 .15
37 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .32 .44 .55 .66 .73 .76 .73 .66 .56 .44 .33 .24 .16
38 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .03 .06 .10 .15 .22 .31 .41 .52 .62 .68 .71 .69 .63 .54 .43 .33 .24 .17
39 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .22 .30 .39 .49 .58 .64 .66 .65 .59 .52 .42 .33 .25 .18
40 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .15 .21 .29 .37 .46 .54 .59 .62 .60 .56 .49 .41 .33 .25 .18
41 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .07 .10 .14 .20 .27 .35 .43 .50 .55 .57 .56 .53 .47 .40 .32 .25 .18
42 OOOO   +   +   +   +   +   +   +   + .01 .01 .03 .04 .07 .10 .14 .20 .26 .33 .40 .46 .51 .53 .53 .50 .45 .38 .31 .25 .19
43 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .10 .14 .19 .25 .31 .38 .43 .48 .50 .49 .47 .42 .37 .30 .24 .19
44 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .14 .18 .24 .30 .35 .41 .44 .46 .46 .44 .40 .35 .30 .24 .19
45 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .18 .23 .28 .33 .38 .41 .43 .43 .41 .38 .34 .29 .24 .19
46 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .17 .22 .27 .31 .35 .39 .40 .40 .39 .36 .32 .28 .23 .18
47 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .13 .16 .21 .25 .29 .33 .36 .38 .38 .37 .34 .31 .27 .22 .18
48 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .16 .20 .24 .28 .31 .34 .35 .35 .34 .32 .29 .26 .22 .18
49 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .22 .26 .29 .31 .33 .33 .32 .30 .28 .25 .21 .18
50 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .11 .14 .18 .21 .24 .27 .29 .31 .31 .30 .29 .26 .23 .20 .17
51 OOOO   +   +   +   +   +   +   + .01 .02 .02 .03 .05 .07 .09 .11 .14 .17 .20 .23 .25 .27 .29 .29 .28 .27 .25 .22 .19 .17
52 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .11 .13 .16 .19 .21 .24 .25 .27 .27 .27 .25 .24 .21 .19 .16
53 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .13 .15 .18 .20 .22 .24 .25 .25 .25 .24 .22 .20 .18 .15
54 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .12 .14 .17 .19 .21 .22 .23 .23 .23 .22 .21 .19 .17 .15
55 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .11 .13 .15 .17 .19 .21 .21 .22 .22 .21 .20 .18 .16 .14
56 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .11 .13 .14 .16 .18 .19 .20 .20 .20 .19 .18 .17 .15 .13
57 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .10 .12 .13 .15 .17 .18 .18 .19 .19 .18 .17 .16 .14 .13
58 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .11 .12 .14 .15 .16 .17 .17 .17 .17 .16 .15 .13 .12
59 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .13 .14 .15 .16 .16 .16 .16 .15 .14 .13 .11
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60 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .06 .07 .08 .09 .11 .12 .13 .14 .14 .15 .15 .14 .14 .13 .12 .10
61 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .13 .13 .13 .13 .13 .12 .11 .10
62 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .11 .11 .10 .09
63 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
64 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .06 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .07
65 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .09 .09 .09 .09 .08 .08 .07 .07
66 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .07 .08 .08 .08 .08 .07 .07 .06 .06
67 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .06 .06 .06 .05
68 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .05 .05 .04
69 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04
70 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
71 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .04 .04 .04 .03 .03 .03 .03
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
24    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
26  .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
27  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
28  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
29  .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
30  .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
32  .06 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
34  .08 .05 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
35  .09 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
36  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .0000
37  .11 .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
38  .11 .07 .05 .03 .01 .01   +   +   +   +   +   +   +   +   +   .0000
39  .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   +0000
40  .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
41  .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
42  .14 .10 .07 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
43  .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
44  .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
45  .14 .11 .08 .05 .04 .02 .02 .01   +   +   +   +   +   +   +   +0000
46  .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +0000
47  .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +0000
48  .14 .11 .08 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
49  .14 .11 .09 .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +   +0000
50  .14 .11 .09 .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +   +0000
51  .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
52  .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
53  .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
54  .13 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
55  .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
56  .12 .10 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
57  .11 .09 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +0000
58  .10 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
59  .10 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
60  .09 .08 .07 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +0000
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61  .09 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +OOOO
62  .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
63  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
64  .07 .06 .05 .04 .03 .03 .02 .02 .01 .01   +   +   +   +   +   +OOOO
65  .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
66  .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
67  .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
68  .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
69  .03 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +OOOO
70  .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
71  .02 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.       19.41      0.0000E+00   2011.      0.0000E+00   13.50      0.200000E-02
  2        4782.         1877.      0.6870      0.0000E+00   2050.      0.0000E+00   13.50      0.200000E-02
  3        4781.         1877.      0.6580      0.0000E+00   2094.      0.0000E+00   13.50      0.200000E-02
  4        4781.         1877.      0.5403      0.0000E+00   2134.      0.0000E+00   13.50      0.200000E-02
  5        4781.         1877.      0.4106      0.0000E+00   2168.      0.0000E+00   13.50      0.200000E-02
  6        4781.         1877.      0.3134      0.0000E+00   2195.      0.0000E+00   13.50      0.200000E-02
  7        4780.         1877.      0.2391      0.0000E+00   2217.      0.0000E+00   13.50      0.200000E-02
  8        4780.         1877.      0.2002      0.0000E+00   2236.      0.0000E+00   13.50      0.200000E-02
  9        4780.         1877.      0.1686      0.0000E+00   2251.      0.0000E+00   13.50      0.200000E-02
 10        4780.         1877.      0.1461      0.0000E+00   2266.      0.0000E+00   13.50      0.200000E-02
 11        4654.         1868.       46.38      0.0000E+00   2266.      0.0000E+00   13.50      0.200000E-02
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   .   .   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .10 .18 .16 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .40 1.4 2.6 2.3 1.0 .22 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .39 2.8  10  19  17 7.2 1.5 .17 .01   +   .   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 1.4  10  38  71  62  26 5.5 .62 .04   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .19 2.5  18  70 140 120  47  10 1.2 .10   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .26 2.6  17  62 121 105  43  10 1.5 .20 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .35 2.2  11  32  57  52  26 8.3 2.0 .41 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .52 2.4 8.4  20  32  32  20 9.0 2.9 .68 .11 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .61 2.7 8.6  19  30  31  21  10 3.4 .82 .14 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .53 2.2 7.1  16  25  27  18 8.6 2.9 .74 .14 .02   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .37 1.4 4.4  10  16  17  12 5.5 2.0 .57 .14 .03   +   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .26 .87 2.3 4.9 7.4 7.9 5.8 3.1 1.3 .47 .15 .04 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .06 .22 .63 1.4 2.7 4.0 4.4 3.5 2.2 1.1 .47 .17 .05 .01   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .21 .56 1.2 2.2 3.3 3.7 3.1 2.1 1.1 .50 .19 .07 .02   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .07 .20 .51 1.1 2.0 2.9 3.3 2.9 1.9 1.0 .50 .21 .08 .03 .01
23 OOOO   0   0   0   0   .   .   .   .   .   +   +   + .01 .02 .08 .20 .46 .94 1.6 2.4 2.7 2.4 1.7 .99 .50 .23 .10 .04 .01
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .03 .08 .20 .42 .81 1.3 1.9 2.1 1.9 1.4 .93 .52 .27 .12 .05 .02
25 OOOO   0   0   .   .   .   .   .   .   +   +   +   + .01 .04 .09 .21 .42 .76 1.2 1.6 1.8 1.7 1.3 .95 .57 .31 .15 .07 .03
26 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .04 .10 .22 .43 .75 1.1 1.5 1.7 1.7 1.4 1.0 .62 .34 .18 .08 .04
27 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .02 .05 .11 .23 .43 .74 1.1 1.5 1.7 1.6 1.4 1.0 .64 .37 .20 .10 .05
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .12 .23 .42 .70 1.0 1.3 1.5 1.5 1.3 .97 .64 .39 .22 .12 .06
29 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .12 .23 .40 .65 .95 1.2 1.4 1.3 1.2 .93 .64 .41 .24 .13 .07
30 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .03 .07 .13 .23 .39 .61 .87 1.1 1.2 1.2 1.1 .89 .64 .43 .26 .15 .08
31 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .03 .07 .13 .24 .39 .59 .82 1.0 1.1 1.1 1.0 .87 .65 .44 .28 .17 .10
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .38 .57 .78 .97 1.0 1.1 1.0 .85 .65 .46 .30 .19 .11
33 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .08 .14 .24 .37 .54 .73 .90 1.0 1.0 .97 .82 .64 .46 .31 .20 .12
34 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .05 .08 .15 .24 .36 .51 .68 .83 .94 .96 .90 .78 .62 .46 .32 .21 .13
35 OOOO   .   .   +   +   +   +   +   +   +   + .01 .03 .05 .09 .15 .23 .35 .48 .63 .77 .86 .88 .84 .73 .60 .45 .33 .22 .14
36 OOOO   .   .   +   +   +   +   +   +   + .01 .01 .03 .05 .09 .15 .23 .33 .46 .59 .71 .79 .82 .78 .70 .58 .45 .33 .23 .15
37 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .15 .22 .32 .44 .55 .66 .73 .76 .73 .66 .56 .44 .33 .24 .16
38 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .03 .06 .10 .15 .22 .31 .41 .52 .62 .68 .71 .69 .63 .54 .43 .33 .24 .17
39 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .22 .30 .39 .49 .58 .64 .66 .65 .59 .52 .42 .33 .25 .18
40 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .15 .21 .29 .37 .46 .54 .59 .62 .60 .56 .49 .41 .33 .25 .18
41 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .07 .10 .14 .20 .27 .35 .43 .50 .55 .57 .56 .53 .47 .40 .32 .25 .18
42 OOOO   +   +   +   +   +   +   +   + .01 .01 .03 .04 .07 .10 .14 .20 .26 .33 .40 .46 .51 .53 .53 .50 .45 .38 .31 .25 .19
43 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .10 .14 .19 .25 .31 .38 .43 .48 .50 .49 .47 .42 .37 .30 .24 .19
44 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .14 .18 .24 .30 .35 .41 .44 .46 .46 .44 .40 .35 .30 .24 .19
45 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .18 .23 .28 .33 .38 .41 .43 .43 .41 .38 .34 .29 .24 .19
46 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .13 .17 .22 .27 .31 .35 .39 .40 .40 .39 .36 .32 .28 .23 .18
47 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .13 .16 .21 .25 .29 .33 .36 .38 .38 .37 .34 .31 .27 .22 .18
48 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .16 .20 .24 .28 .31 .34 .35 .35 .34 .32 .29 .26 .22 .18
49 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .22 .26 .29 .31 .33 .33 .32 .30 .28 .25 .21 .18
50 OOOO   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .11 .14 .18 .21 .24 .27 .29 .31 .31 .30 .29 .26 .23 .20 .17
51 OOOO   +   +   +   +   +   +   + .01 .02 .02 .03 .05 .07 .09 .11 .14 .17 .20 .23 .25 .27 .29 .29 .28 .27 .25 .22 .19 .17
52 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .11 .13 .16 .19 .21 .24 .25 .27 .27 .27 .25 .24 .21 .19 .16
53 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .13 .15 .18 .20 .22 .24 .25 .25 .25 .24 .22 .20 .18 .15
54 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .12 .14 .17 .19 .21 .22 .23 .23 .23 .22 .21 .19 .17 .15
55 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .11 .13 .15 .17 .19 .21 .21 .22 .22 .21 .20 .18 .16 .14
56 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .11 .13 .14 .16 .18 .19 .20 .20 .20 .19 .18 .17 .15 .13
57 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .10 .12 .13 .15 .17 .18 .18 .19 .19 .18 .17 .16 .14 .13
58 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .11 .12 .14 .15 .16 .17 .17 .17 .17 .16 .15 .13 .12
59 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .12 .13 .14 .15 .16 .16 .16 .16 .15 .14 .13 .11
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60 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .06 .07 .08 .09 .11 .12 .13 .14 .14 .15 .15 .14 .14 .13 .12 .10
61 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .13 .13 .13 .13 .13 .12 .11 .10
62 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .11 .11 .10 .09
63 OOOO   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
64 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .06 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .07
65 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .09 .09 .09 .09 .08 .08 .07 .07
66 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .07 .08 .08 .08 .08 .07 .07 .06 .06
67 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .06 .06 .06 .05
68 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .05 .05 .04
69 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04
70 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
71 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .04 .04 .04 .03 .03 .03 .03
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
24    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
26  .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
27  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
28  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
29  .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
30  .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .05 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
32  .06 .03 .01 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
34  .08 .05 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
35  .09 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
36  .10 .06 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .0000
37  .11 .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
38  .11 .07 .05 .03 .01 .01   +   +   +   +   +   +   +   +   +   .0000
39  .12 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   +0000
40  .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
41  .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
42  .14 .10 .07 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
43  .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
44  .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
45  .14 .11 .08 .05 .04 .02 .02 .01   +   +   +   +   +   +   +   +0000
46  .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +0000
47  .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +0000
48  .14 .11 .08 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
49  .14 .11 .09 .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +   +0000
50  .14 .11 .09 .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +   +0000
51  .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
52  .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
53  .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
54  .13 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
55  .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
56  .12 .10 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
57  .11 .09 .08 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +0000
58  .10 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
59  .10 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +0000
60  .09 .08 .07 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +0000
```

```
61  .09 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +OOOO
62  .08 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
63  .07 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
64  .07 .06 .05 .04 .03 .03 .02 .02 .01 .01   +   +   +   +   +   +OOOO
65  .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
66  .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
67  .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
68  .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
69  .03 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +OOOO
70  .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
71  .02 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .10 .09 .03   +   +   .   .   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .10 .21 .18 .07 .01   +   +   .   .   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .09 .18 .15 .06 .01   +   +   .   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .04 .08 .07 .03 .01   +   +   +   .   .   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .04 .04 .03 .01   +   +   +   .   .   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .04 .04 .03 .01   +   +   +   .   .   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .03 .04 .02 .01   +   +   +   .   .   .
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .02 .02 .01   +   +   +   +   .   .   .
19 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01   +   +   +   +   +   .   .   .
20 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .
21 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
25 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
26 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
27 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
28 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
29 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
30 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
31 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
32 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 0000   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 0000   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 0000   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 0000   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

```
60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
33    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
34    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
35    +   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
36    +   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
38    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
39    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
40    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
41    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
42    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
43    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
44    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
45    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   00000
46    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   00000
47    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
48    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clumps




SUMMARY OF Clumps   DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     17766.



     COMPUTATIONS FOR Clumps   TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

```
BOTTOM ACCUMULATION OF Clumps   (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 .32 .11   +   .   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .46  11  32  11 .46   +   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .02 5.4 130 375 130 5.4 .02   .   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .03 7.6 184 529 184 7.6 .03   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + 1.3  31  90  31 1.3   +   .   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .63 1.8 .64 .02   +   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 .25 .17 .01   +   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .22 1.3 .91 .07   +   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .14 .83 .57 .04   +   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .04   +   .   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF Clumps   ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .07 .02   +   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .32 .93 .32 .01   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .45 1.3 .45 .01   .   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .07 .22 .07   +   .   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   .   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   .   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   .   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF copper


SUMMARY OF copper   DISTRIBUTIONS AFTER    1200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1778.0
```

```
SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        846.3         1599.      0.1013E+06  0.9953E+05   317.4      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    2400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1777.2
```

```
SMALL CLOUDS AT    2400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1204.         1625.      0.1834E+06  0.1816E+06   438.3      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    3600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1777.2
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .02 .03 .02 .02 .01   +   +   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .06 .09 .10 .09 .06 .03 .01   +   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .16 .22 .25 .22 .16 .09 .04 .01   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .09 .19 .33 .46 .51 .46 .33 .19 .09 .03   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .15 .32 .55 .76 .85 .76 .55 .32 .15 .05   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .20 .43 .74 1.0 1.1 1.0 .73 .43 .20 .07   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .21 .46 .79 1.0 1.2 1.0 .79 .46 .21 .08   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .18 .40 .68 .94 1.0 .94 .68 .39 .18 .07   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .13 .27 .47 .65 .73 .65 .47 .27 .13 .04   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .15 .26 .36 .41 .36 .26 .15 .07 .02   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .12 .16 .18 .16 .12 .07 .03 .01   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .04 .06 .06 .06 .04 .02 .01   +   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .01 .02 .03 .02 .01 .01   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .04 .07 .10 .11 .10 .07 .04 .02   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .06 .14 .24 .33 .37 .33 .24 .14 .06 .02   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .06 .16 .35 .61 .84 .93 .84 .61 .35 .16 .06   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .13 .34 .72 1.2 1.7 1.9 1.7 1.2 .72 .34 .12   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .21 .56 1.2 2.0 2.8 3.1 2.8 2.0 1.1 .56 .21   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .08 .28 .75 1.5 2.7 3.7 4.2 3.7 2.7 1.5 .74 .28   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .09 .30 .80 1.7 2.9 4.0 4.5 4.0 2.9 1.7 .80 .30   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .08 .26 .69 1.4 2.5 3.4 3.8 3.4 2.5 1.4 .69 .26   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .18 .48 1.0 1.7 2.4 2.7 2.4 1.7 1.0 .48 .18   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .10 .27 .57 .98 1.3 1.5 1.3 .98 .57 .27 .10   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .12 .26 .44 .61 .68 .61 .44 .26 .12 .04   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .16 .22 .25 .22 .16 .09 .04 .01   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1561.         1650.      0.3176E+06  0.3158E+06   572.8      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    4800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1778.8
```

```
SMALL CLOUDS AT    4800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1919.         1675.      0.5052E+06  0.5034E+06   719.9      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    6000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1778.8
```

```
SMALL CLOUDS AT    6000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2277.         1700.      0.7555E+06  0.7537E+06   878.7      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    7200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1778.8
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .06 .06 .06 .05 .04 .03 .02 .01
26 0000   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .06 .08 .10 .11 .13 .13 .13 .11 .10 .08 .06 .04 .02
27 0000   0   0   0   0   0   0   0   0   0   0   + .01 .01 .03 .05 .07 .11 .15 .18 .22 .24 .25 .24 .22 .18 .15 .11 .07 .05
28 0000   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .13 .19 .26 .32 .38 .42 .43 .42 .38 .32 .26 .19 .13 .09
29 0000   0   0   0   0   0   0   0   0   0   0 .01 .02 .05 .09 .14 .22 .31 .42 .53 .62 .69 .71 .69 .62 .53 .42 .32 .22 .14
30 0000   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .13 .22 .34 .48 .65 .81 .96 1.0 1.0 1.0 .96 .82 .65 .49 .34 .22
31 0000   0   0   0   0   0   0   0   0   0   0 .03 .06 .11 .20 .32 .49 .70 .93 1.1 1.3 1.5 1.5 1.5 1.3 1.1 .94 .70 .49 .32
32 0000   0   0   0   0   0   0   0   0   0   0 .04 .08 .15 .26 .43 .66 .94 1.2 1.5 1.8 2.0 2.1 2.0 1.8 1.5 1.2 .94 .66 .43
33 0000   0   0   0   0   0   0   0   0   0   0 .05 .10 .19 .34 .55 .83 1.1 1.5 1.9 2.3 2.5 2.6 2.5 2.3 2.0 1.6 1.1 .84 .55
34 0000   0   0   0   0   0   0   0   0   0   0 .06 .12 .23 .40 .65 .99 1.4 1.8 2.3 2.7 3.0 3.1 3.0 2.7 2.3 1.8 1.4 .99 .65
35 0000   0   0   0   0   0   0   0   0   0   0 .07 .14 .25 .44 .72 1.1 1.5 2.0 2.6 3.0 3.3 3.5 3.4 3.0 2.6 2.1 1.5 1.1 .72
36 0000   0   0   0   0   0   0   0   0   0   0 .07 .14 .26 .46 .75 1.1 1.6 2.1 2.7 3.2 3.5 3.6 3.5 3.2 2.7 2.1 1.6 1.1 .75
37 0000   0   0   0   0   0   0   0   0   0   0 .07 .14 .26 .45 .73 1.1 1.5 2.1 2.6 3.1 3.4 3.5 3.4 3.1 2.6 2.1 1.6 1.1 .74
38 0000   0   0   0   0   0   0   0   0   0   0 .06 .13 .24 .41 .67 1.0 1.4 1.9 2.4 2.8 3.1 3.2 3.1 2.8 2.4 1.9 1.4 1.0 .67
39 0000   0   0   0   0   0   0   0   0   0   0 .05 .11 .20 .35 .57 .87 1.2 1.6 2.0 2.4 2.7 2.8 2.7 2.4 2.1 1.6 1.2 .88 .58
40 0000   0   0   0   0   0   0   0   0   0   0 .04 .09 .16 .28 .46 .70 1.0 1.3 1.6 1.9 2.1 2.2 2.1 1.9 1.6 1.3 1.0 .71 .46
41 0000   0   0   0   0   0   0   0   0   0   0 .03 .06 .12 .21 .35 .53 .76 1.0 1.2 1.4 1.6 1.7 1.6 1.4 1.2 1.0 .76 .53 .35
42 0000   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .24 .37 .53 .71 .90 1.0 1.1 1.2 1.1 1.0 .90 .72 .54 .37 .24
43 0000   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .10 .16 .25 .35 .47 .59 .70 .77 .79 .77 .70 .59 .47 .35 .25 .16
44 0000   0   0   0   0   0   0   0   0   0   0 .01 .01 .03 .06 .10 .15 .22 .29 .37 .43 .48 .49 .48 .43 .37 .29 .22 .15 .10
45 0000   0   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .05 .09 .12 .17 .21 .25 .28 .29 .28 .25 .21 .17 .13 .09 .06
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .09   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .44   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .04 .04 .03 .02 .02 .01 .01
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .02 .04 .05 .06 .08 .09 .09 .09 .08 .06 .05 .04 .02 .01
28 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .05 .07 .09 .12 .14 .15 .16 .15 .14 .12 .09 .07 .05 .03
29 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .01 .03 .05 .08 .11 .15 .19 .23 .25 .26 .25 .23 .19 .15 .11 .08 .05
30 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .05 .08 .12 .18 .24 .30 .35 .39 .40 .39 .35 .30 .24 .18 .12 .08
31 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .11 .18 .25 .34 .43 .51 .56 .58 .56 .51 .43 .34 .26 .18 .12
32 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .09 .16 .24 .34 .46 .58 .68 .75 .78 .75 .68 .58 .46 .35 .24 .16
33 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .03 .07 .12 .20 .30 .44 .58 .73 .86 .95 .98 .95 .86 .74 .59 .44 .31 .20
34 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .24 .36 .52 .69 .87 1.0 1.1 1.1 1.1 1.0 .87 .70 .52 .36 .24
35 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .16 .26 .40 .57 .77 .97 1.1 1.2 1.2 1.2 1.1 .97 .77 .58 .40 .26
36 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .17 .27 .42 .60 .80 1.0 1.1 1.3 1.3 1.3 1.1 1.0 .80 .60 .42 .28
37 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .16 .27 .41 .58 .78 .98 1.1 1.2 1.3 1.2 1.1 .98 .78 .59 .41 .27
38 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .24 .37 .53 .72 .90 1.0 1.1 1.2 1.1 1.0 .90 .72 .54 .38 .25
39 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .07 .13 .21 .32 .46 .61 .77 .91 1.0 1.0 1.0 .91 .77 .62 .46 .32 .21
40 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .06 .10 .17 .26 .37 .49 .62 .73 .80 .83 .80 .73 .62 .49 .37 .26 .17
41 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .12 .19 .28 .37 .47 .55 .60 .62 .60 .55 .47 .37 .28 .19 .13
42 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .13 .19 .26 .33 .39 .43 .44 .43 .39 .33 .26 .19 .14 .09
43 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .06 .09 .13 .17 .22 .25 .28 .29 .28 .25 .22 .17 .13 .09 .06
44 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .05 .08 .10 .13 .16 .17 .18 .17 .16 .13 .11 .08 .05 .03
45 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .04 .06 .08 .09 .10 .10 .10 .09 .08 .06 .04 .03 .02
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .07   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .08   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2634.         1725.      0.1078E+07  0.1076E+07   1048.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    8400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1772.5
```

```
SMALL CLOUDS AT    8400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2992.         1751.      0.1482E+07  0.1480E+07   1228.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    9600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1772.6
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SMALL CLOUDS AT    9600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD        DISTANCE FROM           DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3349.         1776.      0.1977E+07  0.1975E+07   1418.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   10800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1772.8
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .05 .05 .04 .04 .03
36 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .08 .09 .09 .09 .08 .08 .07 .06 .05
37 OOOO   0   0   0   0   0   0   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .11 .12 .13 .13 .13 .12 .11 .10 .09 .08
38 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .15 .16 .17 .18 .18 .18 .18 .16 .15 .13 .11
39 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .05 .06 .08 .11 .13 .16 .18 .21 .23 .24 .25 .26 .25 .24 .23 .21 .18 .16
40 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .05 .06 .09 .11 .14 .18 .21 .25 .28 .31 .33 .34 .35 .34 .33 .31 .28 .25 .21
41 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .15 .19 .23 .28 .32 .37 .40 .43 .45 .46 .45 .43 .40 .37 .32 .28
42 OOOO   0   0   0   0   0   0 .01 .02 .04 .05 .08 .11 .15 .19 .24 .30 .35 .41 .47 .51 .55 .57 .58 .57 .55 .52 .47 .41 .36
43 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .10 .14 .18 .24 .30 .37 .44 .51 .58 .64 .68 .71 .72 .71 .68 .64 .58 .51 .44
44 OOOO   0   0   0   0   0   0 .02 .04 .06 .08 .12 .17 .22 .29 .36 .45 .53 .62 .70 .77 .82 .86 .87 .86 .83 .77 .70 .62 .54
45 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .14 .19 .26 .34 .43 .52 .63 .73 .82 .90 .97 1.0 1.0 1.0 .97 .91 .83 .73 .63
46 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .22 .30 .39 .49 .60 .72 .83 .94 1.0 1.1 1.1 1.1 1.1 1.1 1.0 .94 .84 .72
47 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .25 .33 .43 .54 .67 .80 .93 1.0 1.1 1.2 1.2 1.3 1.2 1.2 1.1 1.0 .93 .80
48 OOOO   0   0   0   0   0   0 .04 .06 .09 .14 .20 .27 .36 .47 .59 .72 .86 1.0 1.1 1.2 1.3 1.3 1.4 1.3 1.3 1.2 1.1 1.0 .87
49 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .28 .38 .49 .62 .76 .91 1.0 1.1 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.2 1.0 .91
50 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .29 .39 .50 .64 .78 .93 1.0 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .94
51 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .29 .39 .50 .64 .78 .93 1.0 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .93
52 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .21 .28 .38 .49 .62 .76 .90 1.0 1.1 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.1 1.0 .91
53 OOOO   0   0   0   0   0   0 .04 .06 .09 .14 .19 .27 .36 .46 .58 .72 .85 .99 1.1 1.2 1.3 1.3 1.4 1.3 1.3 1.2 1.1 1.0 .86
54 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .25 .33 .42 .54 .66 .79 .91 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .92 .79
55 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .22 .29 .38 .48 .59 .70 .82 .92 1.0 1.0 1.1 1.1 1.1 1.0 1.0 .93 .82 .71
56 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .14 .19 .25 .33 .42 .51 .61 .71 .80 .89 .95 .99 1.0 .99 .95 .89 .81 .71 .62
57 OOOO   0   0   0   0   0   0 .02 .04 .06 .08 .12 .16 .22 .28 .35 .43 .52 .60 .68 .75 .80 .84 .85 .84 .81 .75 .68 .61 .52
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58 OOOO   0   0   0   0   0   0 .02 .03 .04 .07 .10 .13 .18 .23 .29 .36 .43 .50 .56 .62 .66 .69 .70 .69 .66 .62 .56 .50 .43
59 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .08 .11 .14 .18 .23 .29 .34 .40 .45 .50 .53 .55 .56 .56 .53 .50 .45 .40 .34
60 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .11 .14 .18 .22 .27 .31 .35 .39 .42 .43 .44 .43 .42 .39 .35 .31 .27
61 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .11 .14 .17 .20 .24 .27 .29 .32 .33 .33 .33 .32 .29 .27 .24 .20
62 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .17 .20 .22 .23 .24 .25 .24 .23 .22 .20 .17 .15
63 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .12 .14 .15 .17 .17 .18 .17 .17 .16 .14 .12 .11
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .03 .02 .02 .01 .01   +   +   0   0   0   0   0   0   0   0   00000
36  .04 .03 .03 .02 .01 .01   +   0   0   0   0   0   0   0   0   00000
37  .06 .05 .04 .03 .02 .01 .01   0   0   0   0   0   0   0   0   00000
38  .09 .08 .06 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
39  .13 .11 .08 .06 .05 .03 .02   0   0   0   0   0   0   0   0   00000
40  .18 .14 .11 .09 .06 .05 .03   0   0   0   0   0   0   0   0   00000
41  .23 .19 .15 .11 .09 .06 .04   0   0   0   0   0   0   0   0   00000
42  .30 .24 .19 .15 .11 .08 .06   0   0   0   0   0   0   0   0   00000
43  .37 .30 .24 .18 .14 .10 .07   0   0   0   0   0   0   0   0   00000
44  .45 .37 .29 .22 .17 .12 .08   0   0   0   0   0   0   0   0   00000
45  .53 .43 .34 .26 .20 .14 .10   0   0   0   0   0   0   0   0   00000
46  .60 .49 .39 .30 .23 .16 .12   0   0   0   0   0   0   0   0   00000
47  .67 .55 .43 .33 .25 .18 .13   0   0   0   0   0   0   0   0   00000
48  .73 .59 .47 .36 .27 .20 .14   0   0   0   0   0   0   0   0   00000
49  .77 .62 .50 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
50  .79 .64 .51 .39 .29 .21 .15   0   0   0   0   0   0   0   0   00000
51  .78 .64 .51 .39 .29 .21 .15   0   0   0   0   0   0   0   0   00000
52  .76 .62 .49 .38 .28 .21 .15   0   0   0   0   0   0   0   0   00000
53  .72 .59 .47 .36 .27 .20 .14   0   0   0   0   0   0   0   0   00000
54  .66 .54 .43 .33 .25 .18 .13   0   0   0   0   0   0   0   0   00000
55  .59 .48 .38 .30 .22 .16 .11   0   0   0   0   0   0   0   0   00000
56  .52 .42 .33 .26 .19 .14 .10   0   0   0   0   0   0   0   0   00000
57  .44 .36 .28 .22 .16 .12 .08   0   0   0   0   0   0   0   0   00000
58  .36 .29 .23 .18 .13 .10 .07   0   0   0   0   0   0   0   0   00000
59  .29 .23 .19 .14 .11 .08 .05   0   0   0   0   0   0   0   0   00000
60  .22 .18 .14 .11 .08 .06 .04   0   0   0   0   0   0   0   0   00000
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61  .17 .14 .11 .08 .06 .04 .03   0   0   0   0   0   0   0   0   0OOOO
62  .12 .10 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0   0OOOO
63  .09 .07 .06 .04 .03 .02 .01   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .16 .18 .20 .21 .22 .22 .22 .21 .20 .18 .16 .13
36 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .06 .08 .11 .14 .17 .20 .24 .27 .30 .32 .33 .33 .33 .32 .30 .27 .24 .20
37 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .09 .12 .16 .20 .25 .30 .35 .39 .43 .46 .48 .49 .48 .46 .43 .39 .35 .30
38 OOOO   0   0   0   0   0   0 .02 .03 .04 .07 .09 .13 .18 .23 .29 .36 .43 .49 .56 .62 .66 .69 .70 .69 .66 .62 .56 .50 .43
39 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .18 .24 .32 .40 .49 .59 .69 .77 .85 .91 .95 .96 .95 .91 .85 .78 .69 .59
40 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .25 .33 .43 .54 .66 .79 .92 1.0 1.1 1.2 1.2 1.3 1.2 1.2 1.1 1.0 .93 .80
41 OOOO   0   0   0   0   0   0 .05 .08 .11 .17 .24 .33 .43 .56 .71 .87 1.0 1.2 1.3 1.5 1.6 1.6 1.7 1.6 1.6 1.5 1.3 1.2 1.0
42 OOOO   0   0   0   0   0   0 .06 .10 .15 .21 .30 .42 .55 .72 .91 1.1 1.3 1.5 1.7 1.9 2.0 2.1 2.1 2.1 2.0 1.9 1.7 1.5 1.3
43 OOOO   0   0   0   0   0   0 .08 .12 .18 .27 .38 .52 .69 .89 1.1 1.3 1.6 1.9 2.1 2.3 2.5 2.6 2.6 2.6 2.5 2.3 2.1 1.9 1.6
44 OOOO   0   0   0   0   0   0 .10 .15 .22 .32 .46 .62 .83 1.0 1.3 1.6 1.9 2.3 2.6 2.8 3.0 3.1 3.2 3.1 3.0 2.8 2.6 2.3 1.9
45 OOOO   0   0   0   0   0   0 .11 .18 .26 .38 .54 .73 .98 1.2 1.5 1.9 2.3 2.7 3.0 3.3 3.5 3.7 3.8 3.7 3.6 3.3 3.0 2.7 2.3
46 OOOO   0   0   0   0   0   0 .13 .20 .30 .44 .61 .84 1.1 1.4 1.8 2.2 2.6 3.0 3.4 3.8 4.1 4.2 4.3 4.2 4.1 3.8 3.5 3.1 2.6
47 OOOO   0   0   0   0   0   0 .15 .22 .33 .48 .68 .93 1.2 1.6 2.0 2.4 2.9 3.4 3.8 4.2 4.5 4.7 4.8 4.7 4.5 4.2 3.8 3.4 2.9
48 OOOO   0   0   0   0   0   0 .16 .24 .36 .52 .74 1.0 1.3 1.7 2.1 2.6 3.2 3.7 4.2 4.6 4.9 5.1 5.2 5.1 4.9 4.6 4.2 3.7 3.2
49 OOOO   0   0   0   0   0   0 .17 .26 .38 .55 .78 1.0 1.4 1.8 2.3 2.8 3.3 3.9 4.4 4.8 5.2 5.4 5.5 5.4 5.2 4.8 4.4 3.9 3.3
50 OOOO   0   0   0   0   0   0 .17 .26 .39 .57 .80 1.0 1.4 1.8 2.3 2.9 3.4 4.0 4.5 4.9 5.3 5.5 5.6 5.5 5.3 5.0 4.5 4.0 3.4
51 OOOO   0   0   0   0   0   0 .17 .26 .39 .57 .80 1.0 1.4 1.8 2.3 2.8 3.4 4.0 4.5 4.9 5.3 5.5 5.6 5.5 5.3 4.9 4.5 4.0 3.4
52 OOOO   0   0   0   0   0   0 .17 .26 .38 .55 .77 1.0 1.4 1.8 2.2 2.8 3.3 3.8 4.4 4.8 5.1 5.4 5.4 5.4 5.1 4.8 4.4 3.9 3.3
53 OOOO   0   0   0   0   0   0 .16 .24 .36 .52 .73 1.0 1.3 1.7 2.1 2.6 3.1 3.6 4.1 4.5 4.9 5.1 5.1 5.1 4.9 4.5 4.1 3.7 3.1
54 OOOO   0   0   0   0   0   0 .14 .22 .33 .48 .67 .92 1.2 1.5 2.0 2.4 2.9 3.3 3.8 4.2 4.5 4.6 4.7 4.7 4.5 4.2 3.8 3.4 2.9
55 OOOO   0   0   0   0   0   0 .13 .20 .30 .43 .60 .82 1.1 1.4 1.7 2.1 2.6 3.0 3.4 3.7 4.0 4.2 4.2 4.2 4.0 3.7 3.4 3.0 2.6
56 OOOO   0   0   0   0   0   0 .11 .17 .26 .37 .52 .72 .95 1.2 1.5 1.9 2.2 2.6 2.9 3.2 3.5 3.6 3.7 3.6 3.5 3.2 3.0 2.6 2.2
```

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57 OOOO   0   0   0   0   0   0 .09 .15 .22 .32 .44 .61 .81 1.0 1.3 1.6 1.9 2.2 2.5 2.7 2.9 3.1 3.1 3.1 2.9 2.7 2.5 2.2 1.9
58 OOOO   0   0   0   0   0   0 .08 .12 .18 .26 .37 .50 .67 .86 1.0 1.3 1.5 1.8 2.0 2.3 2.4 2.5 2.6 2.5 2.4 2.3 2.1 1.8 1.6
59 OOOO   0   0   0   0   0   0 .06 .09 .14 .21 .29 .40 .54 .69 .88 1.0 1.2 1.4 1.6 1.8 1.9 2.0 2.0 2.0 1.9 1.8 1.6 1.4 1.2
60 OOOO   0   0   0   0   0   0 .05 .07 .11 .16 .23 .31 .42 .54 .68 .84 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0
61 OOOO   0   0   0   0   0   0 .03 .05 .08 .12 .17 .24 .32 .41 .52 .64 .76 .88 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 .89 .77
62 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .13 .17 .23 .30 .38 .47 .56 .65 .74 .81 .87 .91 .92 .91 .87 .82 .74 .66 .57
63 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .17 .22 .28 .34 .41 .47 .53 .59 .63 .65 .66 .65 .63 .59 .53 .47 .41
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .11 .09 .07 .05 .04 .03 .02   0   0   0   0   0   0   0   0   00000
36  .17 .14 .11 .08 .06 .04 .03   0   0   0   0   0   0   0   0   00000
37  .25 .20 .16 .12 .09 .07 .05   0   0   0   0   0   0   0   0   00000
38  .36 .29 .23 .18 .13 .10 .07   0   0   0   0   0   0   0   0   00000
39  .50 .40 .32 .25 .18 .13 .09   0   0   0   0   0   0   0   0   00000
40  .67 .55 .43 .33 .25 .18 .13   0   0   0   0   0   0   0   0   00000
41  .88 .71 .57 .44 .33 .24 .17   0   0   0   0   0   0   0   0   00000
42  1.1 .91 .72 .56 .42 .31 .22   0   0   0   0   0   0   0   0   00000
43  1.3 1.1 .90 .69 .52 .38 .27   0   0   0   0   0   0   0   0   00000
44  1.6 1.3 1.0 .84 .63 .46 .33   0   0   0   0   0   0   0   0   00000
45  1.9 1.6 1.2 .98 .74 .54 .38   0   0   0   0   0   0   0   0   00000
46  2.2 1.8 1.4 1.1 .85 .62 .44   0   0   0   0   0   0   0   0   00000
47  2.4 2.0 1.6 1.2 .94 .69 .49   0   0   0   0   0   0   0   0   00000
48  2.7 2.2 1.7 1.3 1.0 .75 .53   0   0   0   0   0   0   0   0   00000
49  2.8 2.3 1.8 1.4 1.0 .79 .56   0   0   0   0   0   0   0   0   00000
50  2.9 2.3 1.8 1.4 1.1 .81 .57   0   0   0   0   0   0   0   0   00000
51  2.9 2.3 1.8 1.4 1.1 .80 .57   0   0   0   0   0   0   0   0   00000
52  2.8 2.3 1.8 1.4 1.0 .78 .56   0   0   0   0   0   0   0   0   00000
53  2.6 2.1 1.7 1.3 1.0 .74 .52   0   0   0   0   0   0   0   0   00000
54  2.4 2.0 1.5 1.2 .93 .68 .48   0   0   0   0   0   0   0   0   00000
55  2.2 1.8 1.4 1.1 .83 .61 .43   0   0   0   0   0   0   0   0   00000
56  1.9 1.5 1.2 .96 .72 .53 .38   0   0   0   0   0   0   0   0   00000
57  1.6 1.3 1.0 .82 .61 .45 .32   0   0   0   0   0   0   0   0   00000
58  1.3 1.1 .87 .67 .51 .37 .26   0   0   0   0   0   0   0   0   00000
59  1.0 .88 .70 .54 .41 .30 .21   0   0   0   0   0   0   0   0   00000
60  .84 .69 .55 .42 .32 .23 .16   0   0   0   0   0   0   0   0   00000
```

```
61  .64 .52 .41 .32 .24 .17 .12   0   0   0   0   0   0   0   0   0OOOO
62  .47 .39 .31 .24 .18 .13 .09   0   0   0   0   0   0   0   0   0OOOO
63  .34 .28 .22 .17 .13 .09 .06   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3707.         1801.      0.2573E+07  0.2571E+07   1617.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   12000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1760.5
```

```
SMALL CLOUDS AT   12000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD        DISTANCE FROM           DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4065.         1826.      0.3279E+07  0.3277E+07   1825.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   13200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1760.5
```

```
SMALL CLOUDS AT   13200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4422.         1851.      0.4104E+07  0.4103E+07   2041.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   14400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1761.0
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0 .01 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .20 .22 .25 .28 .31 .33 .36 .37 .39 .39 .40 .39 .39 .37 .36 .33
45 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .13 .16 .19 .23 .26 .30 .34 .37 .41 .44 .47 .49 .51 .52 .53 .52 .51 .50 .47 .44
46 OOOO   0   0 .03 .04 .05 .07 .09 .11 .14 .17 .21 .25 .30 .34 .39 .44 .49 .53 .58 .61 .65 .67 .68 .69 .68 .67 .65 .62 .58
47 OOOO   0   0 .04 .05 .07 .09 .12 .15 .18 .23 .27 .32 .38 .44 .50 .57 .63 .69 .74 .79 .83 .86 .88 .89 .88 .86 .83 .79 .75
48 OOOO   0   0 .05 .07 .09 .12 .15 .19 .23 .29 .35 .41 .48 .56 .64 .72 .80 .87 .94 1.0 1.0 1.0 1.1 1.1 1.1 1.0 1.0 1.0 .95
49 OOOO   0   0 .06 .08 .11 .15 .19 .24 .29 .36 .43 .52 .61 .70 .80 .90 1.0 1.0 1.1 1.2 1.3 1.3 1.4 1.4 1.4 1.3 1.3 1.2 1.1
50 OOOO   0   0 .08 .11 .14 .18 .23 .29 .36 .44 .54 .64 .75 .87 .99 1.1 1.2 1.3 1.4 1.5 1.6 1.6 1.7 1.7 1.7 1.6 1.6 1.5 1.4
51 OOOO   0   0 .10 .13 .17 .22 .28 .36 .44 .54 .65 .78 .91 1.0 1.2 1.3 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.1 2.1 2.0 1.9 1.8 1.7
52 OOOO   0   0 .12 .16 .21 .27 .34 .43 .53 .65 .79 .93 1.1 1.2 1.4 1.6 1.8 1.9 2.1 2.2 2.3 2.4 2.5 2.5 2.5 2.4 2.3 2.2 2.1
53 OOOO   0   0 .14 .19 .24 .32 .40 .51 .63 .77 .93 1.1 1.3 1.5 1.7 1.9 2.1 2.3 2.5 2.6 2.8 2.9 2.9 3.0 2.9 2.9 2.8 2.6 2.5
54 OOOO   0   0 .16 .22 .29 .37 .47 .59 .74 .90 1.0 1.2 1.5 1.7 2.0 2.2 2.4 2.7 2.9 3.1 3.2 3.4 3.4 3.5 3.4 3.4 3.3 3.1 2.9
55 OOOO   0   0 .19 .25 .33 .43 .54 .69 .85 1.0 1.2 1.4 1.7 2.0 2.3 2.5 2.8 3.1 3.3 3.6 3.7 3.9 4.0 4.0 4.0 3.9 3.7 3.6 3.4
56 OOOO   0   0 .21 .29 .38 .49 .62 .78 .97 1.1 1.4 1.6 1.9 2.2 2.6 2.9 3.2 3.5 3.8 4.1 4.3 4.4 4.5 4.5 4.5 4.4 4.3 4.1 3.8
57 OOOO   0   0 .24 .32 .42 .54 .69 .87 1.0 1.3 1.5 1.8 2.2 2.5 2.9 3.2 3.6 4.0 4.3 4.5 4.8 4.9 5.0 5.1 5.1 4.9 4.8 4.6 4.3
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58 OOOO   0   0 .27 .35 .47 .60 .77 .96 1.2 1.4 1.7 2.0 2.4 2.8 3.2 3.6 4.0 4.4 4.7 5.0 5.3 5.5 5.6 5.6 5.6 5.5 5.3 5.0 4.7
59 OOOO   0   0 .29 .39 .51 .66 .84 1.0 1.3 1.5 1.9 2.2 2.6 3.0 3.5 3.9 4.4 4.8 5.1 5.5 5.8 6.0 6.1 6.1 6.1 6.0 5.8 5.5 5.2
60 OOOO   0   0 .31 .42 .55 .71 .90 1.1 1.4 1.7 2.0 2.4 2.8 3.3 3.7 4.2 4.7 5.1 5.5 5.9 6.2 6.4 6.5 6.6 6.5 6.4 6.2 5.9 5.6
61 OOOO   0   0 .33 .44 .58 .75 .95 1.2 1.4 1.8 2.1 2.6 3.0 3.5 4.0 4.5 5.0 5.4 5.9 6.2 6.6 6.8 6.9 7.0 6.9 6.8 6.6 6.3 5.9
62 OOOO   0   0 .35 .46 .61 .78 1.0 1.2 1.5 1.9 2.2 2.7 3.1 3.6 4.2 4.7 5.2 5.7 6.1 6.5 6.9 7.1 7.3 7.3 7.3 7.1 6.9 6.6 6.2
63 OOOO   0   0 .36 .48 .62 .81 1.0 1.2 1.6 1.9 2.3 2.8 3.2 3.8 4.3 4.8 5.4 5.9 6.3 6.7 7.1 7.3 7.5 7.5 7.5 7.3 7.1 6.8 6.4
64 OOOO   0   0 .36 .48 .63 .82 1.0 1.3 1.6 1.9 2.4 2.8 3.3 3.8 4.4 4.9 5.4 6.0 6.4 6.9 7.2 7.5 7.6 7.7 7.6 7.5 7.2 6.9 6.5
65 OOOO   0   0 .36 .49 .64 .82 1.0 1.3 1.6 2.0 2.4 2.8 3.3 3.8 4.4 4.9 5.5 6.0 6.5 6.9 7.2 7.5 7.6 7.7 7.6 7.5 7.2 6.9 6.5
66 OOOO   0   0 .36 .48 .63 .81 1.0 1.3 1.6 1.9 2.3 2.8 3.3 3.8 4.3 4.9 5.4 5.9 6.4 6.8 7.1 7.4 7.6 7.6 7.6 7.4 7.2 6.8 6.4
67 OOOO   0   0 .35 .47 .61 .80 1.0 1.2 1.5 1.9 2.3 2.7 3.2 3.7 4.2 4.8 5.3 5.8 6.2 6.6 7.0 7.2 7.4 7.4 7.4 7.2 7.0 6.7 6.3
68 OOOO   0   0 .34 .45 .59 .77 .98 1.2 1.5 1.8 2.2 2.6 3.1 3.6 4.1 4.6 5.1 5.6 6.0 6.4 6.7 6.9 7.1 7.1 7.1 7.0 6.7 6.4 6.0
69 OOOO   0   0 .32 .43 .56 .73 .93 1.1 1.4 1.7 2.1 2.5 2.9 3.4 3.9 4.3 4.8 5.3 5.7 6.1 6.4 6.6 6.7 6.8 6.7 6.6 6.4 6.1 5.7
70 OOOO   0   0 .30 .40 .53 .68 .87 1.0 1.3 1.6 1.9 2.3 2.7 3.2 3.6 4.1 4.5 4.9 5.3 5.7 6.0 6.2 6.3 6.4 6.3 6.2 6.0 5.7 5.3
71 OOOO   0   0 .28 .37 .49 .63 .80 1.0 1.2 1.5 1.8 2.1 2.5 2.9 3.3 3.7 4.2 4.6 4.9 5.2 5.5 5.7 5.8 5.9 5.8 5.7 5.5 5.3 4.9
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44  .31 .28 .25 .23 .20 .17 .14 .12 .10 .08 .06 .05 .04   0   0   0OOOO
45  .41 .38 .34 .30 .26 .23 .19 .16 .13 .11 .09 .07 .05   0   0   0OOOO
46  .54 .49 .44 .39 .34 .30 .25 .21 .18 .14 .11 .09 .07   0   0   0OOOO
47  .69 .63 .57 .51 .44 .38 .33 .27 .23 .19 .15 .12 .09   0   0   0OOOO
48  .88 .80 .72 .64 .56 .49 .42 .35 .29 .24 .19 .15 .12   0   0   0OOOO
49  1.1 1.0 .91 .81 .71 .61 .52 .44 .36 .30 .24 .19 .15   0   0   0OOOO
50  1.3 1.2 1.1 .99 .87 .75 .64 .54 .45 .37 .30 .23 .18   0   0   0OOOO
51  1.6 1.5 1.3 1.2 1.0 .92 .78 .66 .55 .45 .36 .29 .22   0   0   0OOOO
52  1.9 1.8 1.6 1.4 1.2 1.1 .94 .79 .66 .54 .43 .34 .27   0   0   0OOOO
53  2.3 2.1 1.9 1.7 1.5 1.3 1.1 .94 .78 .64 .51 .41 .32   0   0   0OOOO
54  2.7 2.5 2.2 2.0 1.7 1.5 1.3 1.1 .91 .74 .60 .48 .37   0   0   0OOOO
55  3.1 2.8 2.6 2.3 2.0 1.7 1.5 1.2 1.0 .86 .69 .55 .43   0   0   0OOOO
56  3.5 3.2 2.9 2.6 2.3 2.0 1.7 1.4 1.1 .97 .79 .63 .49   0   0   0OOOO
57  4.0 3.6 3.3 2.9 2.5 2.2 1.9 1.6 1.3 1.0 .88 .70 .55   0   0   0OOOO
58  4.4 4.0 3.6 3.2 2.8 2.4 2.1 1.7 1.4 1.2 .97 .78 .61   0   0   0OOOO
59  4.8 4.4 3.9 3.5 3.1 2.6 2.3 1.9 1.6 1.3 1.0 .85 .66   0   0   0OOOO
60  5.1 4.7 4.2 3.8 3.3 2.8 2.4 2.0 1.7 1.4 1.1 .91 .71   0   0   0OOOO
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61  5.5 5.0 4.5 4.0 3.5 3.0 2.6 2.2 1.8 1.5 1.2 .96 .76   0   0   0OOOO
62  5.7 5.2 4.7 4.2 3.7 3.2 2.7 2.3 1.9 1.5 1.2 1.0 .79   0   0   0OOOO
63  5.9 5.4 4.8 4.3 3.8 3.3 2.8 2.3 1.9 1.6 1.3 1.0 .82   0   0   0OOOO
64  6.0 5.5 4.9 4.4 3.8 3.3 2.8 2.4 2.0 1.6 1.3 1.0 .83   0   0   0OOOO
65  6.0 5.5 4.9 4.4 3.9 3.3 2.8 2.4 2.0 1.6 1.3 1.0 .83   0   0   0OOOO
66  5.9 5.4 4.9 4.4 3.8 3.3 2.8 2.4 1.9 1.6 1.3 1.0 .82   0   0   0OOOO
67  5.8 5.3 4.8 4.2 3.7 3.2 2.7 2.3 1.9 1.5 1.2 1.0 .80   0   0   0OOOO
68  5.6 5.1 4.6 4.1 3.6 3.1 2.6 2.2 1.8 1.5 1.2 .99 .77   0   0   0OOOO
69  5.3 4.8 4.4 3.9 3.4 2.9 2.5 2.1 1.7 1.4 1.1 .94 .73   0   0   0OOOO
70  5.0 4.5 4.1 3.6 3.2 2.7 2.3 2.0 1.6 1.3 1.1 .88 .69   0   0   0OOOO
71  4.6 4.2 3.8 3.3 2.9 2.5 2.2 1.8 1.5 1.2 1.0 .81 .63   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .13 .14 .14 .14 .14 .14 .13 .13 .12
45 OOOO   0   0   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .11 .12 .13 .15 .16 .17 .18 .19 .19 .19 .19 .19 .18 .17 .16
46 OOOO   0   0 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .11 .12 .14 .16 .18 .19 .21 .22 .24 .24 .25 .25 .25 .24 .24 .22 .21
47 OOOO   0   0 .01 .02 .02 .03 .04 .05 .06 .08 .10 .12 .14 .16 .18 .21 .23 .25 .27 .29 .30 .31 .32 .32 .32 .32 .30 .29 .27
48 OOOO   0   0 .01 .02 .03 .04 .05 .07 .08 .10 .12 .15 .18 .20 .23 .26 .29 .32 .35 .37 .39 .40 .41 .41 .41 .40 .39 .37 .35
49 OOOO   0   0 .02 .03 .04 .05 .07 .08 .11 .13 .16 .19 .22 .26 .29 .33 .37 .40 .43 .46 .48 .50 .51 .52 .51 .50 .49 .46 .43
50 OOOO   0   0 .03 .04 .05 .06 .08 .10 .13 .16 .20 .23 .27 .32 .36 .41 .45 .50 .54 .57 .60 .62 .63 .64 .63 .62 .60 .57 .54
51 OOOO   0   0 .03 .04 .06 .08 .10 .13 .16 .20 .24 .28 .33 .39 .44 .50 .55 .60 .65 .69 .73 .76 .77 .78 .77 .76 .73 .70 .65
52 OOOO   0   0 .04 .05 .07 .10 .12 .16 .19 .24 .29 .34 .40 .47 .53 .60 .66 .73 .78 .83 .88 .91 .93 .93 .93 .91 .88 .84 .79
53 OOOO   0   0 .05 .07 .09 .11 .15 .18 .23 .28 .34 .41 .48 .55 .63 .71 .79 .86 .93 .99 1.0 1.0 1.1 1.1 1.1 1.0 1.0 .99 .93
54 OOOO   0   0 .06 .08 .10 .13 .17 .22 .27 .33 .40 .47 .56 .64 .74 .83 .92 1.0 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.1 1.0
55 OOOO   0   0 .07 .09 .12 .15 .20 .25 .31 .38 .46 .55 .64 .74 .85 .95 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.3 1.2
56 OOOO   0   0 .08 .10 .14 .18 .23 .28 .35 .43 .52 .62 .73 .84 .96 1.0 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.5 1.4
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57 OOOO   0   0 .09 .12 .15 .20 .25 .32 .40 .49 .59 .70 .82 .95 1.0 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.7 1.6
58 OOOO   0   0 .10 .13 .17 .22 .28 .35 .44 .54 .65 .77 .90 1.0 1.1 1.3 1.4 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
59 OOOO   0   0 .10 .14 .18 .24 .31 .39 .48 .59 .71 .84 .99 1.1 1.3 1.4 1.6 1.7 1.9 2.0 2.1 2.2 2.2 2.2 2.2 2.2 2.1 2.0 1.9
60 OOOO   0   0 .11 .15 .20 .26 .33 .41 .51 .63 .76 .90 1.0 1.2 1.4 1.5 1.7 1.9 2.0 2.1 2.3 2.3 2.4 2.4 2.4 2.3 2.3 2.2 2.0
61 OOOO   0   0 .12 .16 .21 .27 .35 .44 .55 .67 .81 .96 1.1 1.3 1.4 1.6 1.8 2.0 2.1 2.3 2.4 2.5 2.5 2.6 2.5 2.5 2.4 2.3 2.1
62 OOOO   0   0 .12 .17 .22 .29 .37 .46 .57 .70 .84 1.0 1.1 1.3 1.5 1.7 1.9 2.1 2.2 2.4 2.5 2.6 2.7 2.7 2.7 2.6 2.5 2.4 2.2
63 OOOO   0   0 .13 .17 .23 .30 .38 .47 .59 .72 .87 1.0 1.2 1.4 1.6 1.8 1.9 2.1 2.3 2.5 2.6 2.7 2.7 2.8 2.7 2.7 2.6 2.5 2.3
64 OOOO   0   0 .13 .18 .23 .30 .38 .48 .60 .73 .88 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.3 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.4
65 OOOO   0   0 .13 .18 .23 .30 .38 .48 .60 .73 .89 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.4
66 OOOO   0   0 .13 .17 .23 .30 .38 .48 .59 .73 .88 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.3 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.3
67 OOOO   0   0 .13 .17 .22 .29 .37 .47 .58 .71 .86 1.0 1.1 1.3 1.5 1.7 1.9 2.1 2.3 2.4 2.5 2.6 2.7 2.7 2.7 2.6 2.6 2.4 2.3
68 OOOO   0   0 .12 .16 .22 .28 .36 .45 .56 .68 .82 .98 1.1 1.3 1.5 1.7 1.8 2.0 2.2 2.3 2.4 2.5 2.6 2.6 2.6 2.5 2.5 2.3 2.2
69 OOOO   0   0 .12 .16 .20 .27 .34 .43 .53 .65 .78 .93 1.0 1.2 1.4 1.6 1.7 1.9 2.1 2.2 2.3 2.4 2.5 2.5 2.5 2.4 2.3 2.2 2.1
70 OOOO   0   0 .11 .14 .19 .25 .32 .40 .50 .61 .73 .87 1.0 1.1 1.3 1.5 1.6 1.8 1.9 2.1 2.2 2.3 2.3 2.3 2.3 2.3 2.2 2.1 1.9
71 OOOO   0   0 .10 .13 .18 .23 .29 .37 .46 .56 .68 .80 .94 1.0 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.1 2.1 2.1 2.1 2.1 2.0 1.9 1.8
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .11 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .02 .01   0   0   00000
45  .15 .14 .12 .11 .09 .08 .07 .06 .05 .04 .03 .02 .02   0   0   00000
46  .20 .18 .16 .14 .12 .11 .09 .08 .06 .05 .04 .03 .02   0   0   00000
47  .25 .23 .21 .18 .16 .14 .12 .10 .08 .07 .05 .04 .03   0   0   00000
48  .32 .29 .26 .23 .21 .18 .15 .13 .10 .08 .07 .05 .04   0   0   00000
49  .40 .37 .33 .29 .26 .22 .19 .16 .13 .11 .09 .07 .05   0   0   00000
50  .50 .46 .41 .36 .32 .28 .23 .20 .16 .13 .11 .08 .06   0   0   00000
51  .61 .55 .50 .44 .39 .34 .29 .24 .20 .16 .13 .10 .08   0   0   00000
52  .73 .67 .60 .53 .47 .40 .34 .29 .24 .20 .16 .12 .10   0   0   00000
53  .86 .79 .71 .63 .55 .48 .41 .34 .28 .23 .19 .15 .12   0   0   00000
54  1.0 .92 .83 .74 .65 .56 .48 .40 .33 .27 .22 .17 .14   0   0   00000
55  1.1 1.0 .96 .85 .75 .65 .55 .46 .38 .31 .25 .20 .16   0   0   00000
56  1.3 1.2 1.0 .97 .85 .73 .63 .53 .44 .36 .29 .23 .18   0   0   00000
57  1.4 1.3 1.2 1.0 .95 .82 .70 .59 .49 .40 .32 .26 .20   0   0   00000
58  1.6 1.4 1.3 1.2 1.0 .91 .78 .65 .54 .44 .36 .28 .22   0   0   00000
59  1.7 1.6 1.4 1.3 1.1 .99 .85 .71 .59 .48 .39 .31 .24   0   0   00000
60  1.9 1.7 1.5 1.4 1.2 1.0 .91 .77 .63 .52 .42 .33 .26   0   0   00000
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61  2.0 1.8 1.6 1.4 1.3 1.1 .96 .81 .67 .55 .44 .35 .28   0   0   00000
62  2.1 1.9 1.7 1.5 1.3 1.1 1.0 .85 .70 .58 .46 .37 .29   0   0   00000
63  2.1 2.0 1.8 1.6 1.4 1.2 1.0 .88 .73 .59 .48 .38 .30   0   0   00000
64  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .89 .74 .60 .49 .39 .30   0   0   00000
65  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .89 .74 .61 .49 .39 .30   0   0   00000
66  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .88 .73 .60 .48 .38 .30   0   0   00000
67  2.1 1.9 1.7 1.5 1.3 1.2 1.0 .86 .72 .59 .47 .38 .29   0   0   00000
68  2.0 1.9 1.7 1.5 1.3 1.1 .99 .83 .69 .56 .45 .36 .28   0   0   00000
69  1.9 1.8 1.6 1.4 1.2 1.1 .94 .79 .65 .53 .43 .34 .27   0   0   00000
70  1.8 1.6 1.5 1.3 1.1 1.0 .88 .74 .61 .50 .40 .32 .25   0   0   00000
71  1.7 1.5 1.4 1.2 1.1 .95 .81 .68 .56 .46 .37 .30 .23   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .02 .01   +   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .12 .22 .20 .08 .01   .   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .44 .79 .70 .30 .06   +   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .21 .77 1.3 1.2 .53 .11   +   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .18 .66 1.1 1.0 .46 .10   +   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .07 .28 .50 .44 .19 .05 .01   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .09 .21 .32 .34 .25 .13 .04   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .17 .37 .58 .61 .45 .23 .08   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .20 .46 .71 .75 .55 .28 .09   +   +   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .17 .39 .60 .64 .47 .23 .08 .01   +   +   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .10 .23 .35 .37 .27 .14 .07 .03 .01   +   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .05 .12 .20 .28 .31 .28 .20 .11 .05 .02   +   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .07 .15 .27 .37 .42 .37 .27 .15 .07 .02   +   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .03 .08 .17 .29 .40 .45 .40 .29 .17 .08 .03   +   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .06 .14 .25 .34 .38 .34 .25 .14 .06 .02 .01   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .05 .10 .17 .24 .27 .24 .17 .11 .07 .04 .02   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .06 .11 .16 .21 .23 .23 .19 .14 .09 .05 .02   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .04 .07 .13 .19 .24 .27 .27 .23 .17 .11 .06 .03   +   +
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .04 .07 .13 .19 .25 .28 .27 .23 .17 .11 .06 .03 .01   +
28 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .03 .06 .11 .17 .22 .24 .24 .20 .15 .10 .05 .03 .01   +
29 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .01 .03 .05 .09 .13 .17 .19 .18 .15 .11 .08 .06 .04 .02 .01
30 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .04 .06 .09 .12 .15 .17 .17 .16 .13 .10 .07 .04 .02 .01
31 OOOO   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .04 .07 .10 .13 .16 .18 .19 .17 .14 .11 .08 .05 .03 .01
32 OOOO   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .06 .10 .13 .16 .18 .18 .17 .14 .11 .08 .05 .03 .01
33 OOOO   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .06 .09 .12 .14 .16 .16 .15 .13 .10 .07 .04 .03 .02
34 OOOO   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .05 .07 .10 .12 .13 .13 .12 .10 .08 .07 .05 .03 .02
35 OOOO   0   0   0   0   0   0   .   +   +   +   +   +   + .01 .02 .04 .05 .07 .09 .11 .12 .12 .12 .11 .09 .07 .05 .04 .02
36 OOOO   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .02 .04 .06 .08 .10 .11 .13 .13 .13 .11 .10 .08 .06 .04 .02
37 OOOO   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .02 .04 .05 .07 .09 .11 .12 .13 .12 .11 .09 .07 .05 .04 .02
38 OOOO   0   0   0   0   0   .   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .10 .11 .12 .11 .10 .09 .07 .05 .03 .02
39 OOOO   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .10 .10 .10 .09 .07 .06 .05 .04 .03
40 OOOO   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .09 .09 .09 .09 .08 .07 .05 .04 .03
41 OOOO   0   0   0   0   .   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .07 .08 .09 .09 .09 .09 .08 .07 .05 .04 .03
42 OOOO   0   0   0   0   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .09 .09 .09 .08 .08 .06 .05 .04 .03
43 OOOO   0   0   0   0   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .08 .08 .08 .07 .06 .05 .04 .03
44 OOOO   0   0   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .07 .07 .07 .07 .06 .05 .05 .04 .03
45 OOOO   0   0   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .06 .06 .07 .07 .07 .06 .06 .05 .04 .03
46 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .05 .06 .06 .07 .07 .07 .06 .06 .05 .04 .03
47 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .06 .06 .07 .07 .06 .06 .05 .05 .04 .03
48 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .06 .06 .06 .06 .05 .04 .04 .03
49 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .05 .06 .06 .05 .05 .04 .04 .03 .03
50 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .04 .04 .03
51 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .04 .05 .05 .05 .05 .05 .04 .04 .04 .03
52 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .04 .04 .03 .03
53 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .04 .04 .04 .03 .03
54 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .03
55 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .03
56 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .03
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57 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .03 .03
58 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .04 .04 .03 .03 .03 .03 .02
59 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02
60 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02
61 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
62 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
63 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .02 .02 .02
64 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .03 .03 .03 .02 .02 .02 .02
65 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
66 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
67 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
68 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
69 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
70 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
71 OOOO   0   0   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
32  .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
33  .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
34  .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
35  .01   +   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
36  .01   +   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
37  .01 .01   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
38  .02 .01   +   +   +   +   +   +   +   0   0   0   0   0   0   00000
39  .02 .01 .01   +   +   +   +   +   +   0   0   0   0   0   0   00000
40  .02 .01 .01   +   +   +   +   +   +   0   0   0   0   0   0   00000
41  .02 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   00000
42  .02 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   00000
43  .02 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   00000
44  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
45  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
46  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
47  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
48  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
49  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
50  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
51  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
52  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
53  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
54  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
55  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
56  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
57  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
58  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
59  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
60  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
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61  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
62  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
63  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
64  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
65  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
66  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
67  .02 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
68  .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
69  .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
70  .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
71  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4780.         1877.      0.5059E+07  0.5057E+07   2266.      0.0000E+00   13.50      0.000000E+00
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FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....
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TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR),   14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 .32 .11   +   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .46  11  32  11 .46   +   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .02 5.4 130 375 130 5.4 .02   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 7.6 184 530 184 7.7 .05   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .08 1.8  33  93  34 2.6 .30 .03   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .53 3.9  15  27  23  10 2.1 .22 .01   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .12 1.8  14  52 100  87  35 7.4 .80 .04   +   .   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .22 3.2  24  97 204 173  64  13 1.4 .07   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .20 2.8  21  82 168 144  55  11 1.2 .08   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.3 9.1  33  62  54  23 5.2 .68 .06   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .49 2.5 8.2  14  13 6.4 1.8 .41 .07 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .32 1.1 2.7 4.4 4.4 2.8 1.2 .39 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .26 .84 1.9 3.0 3.2 2.2 1.0 .34 .08 .01   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .04 .17 .54 1.2 1.9 2.0 1.4 .69 .24 .07 .01   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .03 .10 .30 .64 .99 1.0 .77 .41 .17 .06 .01   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .08 .19 .37 .55 .60 .48 .30 .14 .06 .02   +   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .16 .30 .44 .50 .43 .28 .15 .06 .02   +   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .07 .15 .28 .41 .46 .40 .27 .15 .07 .02 .01   +   +
23 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .13 .23 .34 .38 .34 .24 .13 .06 .03 .01   +   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .11 .18 .26 .30 .27 .20 .12 .06 .03 .01   +   +
25 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .02 .05 .09 .15 .21 .24 .23 .18 .12 .07 .03 .01   +   +
26 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .14 .19 .22 .21 .17 .12 .07 .04 .02 .01   +
27 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .13 .18 .20 .20 .17 .12 .07 .04 .02 .01   +
28 OOOO   0   0   0   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .12 .16 .18 .18 .15 .11 .07 .04 .02 .01   +
29 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .11 .14 .16 .16 .14 .10 .07 .04 .02 .01   +
30 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .10 .12 .14 .14 .12 .10 .07 .04 .02 .01   +
31 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .13 .13 .12 .09 .07 .05 .03 .01 .01
32 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .08 .10 .12 .12 .11 .09 .07 .05 .03 .02 .01
33 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .08 .09 .11 .11 .10 .09 .07 .05 .03 .02 .01
34 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .03 .02 .01
35 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .08 .09 .09 .09 .07 .06 .04 .03 .02 .01
36 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .06 .04 .03 .02 .01
37 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .07 .08 .07 .07 .05 .04 .03 .02 .01
38 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .07 .07 .06 .05 .04 .03 .02 .01
39 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .06 .06 .05 .04 .03 .02 .01
40 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .06 .06 .05 .05 .04 .03 .02 .01
41 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .05 .05 .05 .04 .04 .03 .02 .01
42 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .05 .05 .05 .04 .03 .03 .02 .01
43 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .04 .04 .03 .03 .02 .01
44 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .02 .01
45 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .03 .03 .02 .02 .01
46 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .03 .03 .02 .02 .01
47 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02 .01
48 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .01
49 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .02 .02 .02 .01
50 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .02 .02 .02 .02 .01
51 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
52 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
53 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
54 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01
55 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01 .01
56 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .01 .01 .01 .01
57 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
58 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
59 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
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60 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
61 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
62 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
63 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +
64 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +
65 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
27    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
29    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
30    +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   00000
31    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
32    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
33    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
34    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
35    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
36  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
37  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
38  .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
39  .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
40  .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
41  .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
42  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
43  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
44  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
45  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
46  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
47  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
48  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
49  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
50  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
51  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
52  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
53  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
54  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
55  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
56  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
57  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
58  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
59  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
60    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
```

```
61    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
62    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
63    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
64    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
65    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
70    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
71    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
72 00000000000000000000000000000000000000000000000000000000000000000000
```

```
TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 .14 .04   +   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .57 1.6 .57 .02   +   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .80 2.3 .80 .03   +   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .14 .40 .15 .01   +   +   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .12 .10 .04   +   +   .   .   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .22 .43 .38 .15 .03   +   +   .   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .10 .42 .89 .75 .28 .05   +   +   .   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .09 .35 .73 .62 .23 .04   +   +   .   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .14 .26 .23 .10 .02   +   +   .   .   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .06 .05 .02   +   +   +   .   .   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .01 .01 .01   +   +   +   .   .   .   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .01   +   +   +   +   .   .   .   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .   .   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .   .   .
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .   .   .
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
25 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
26 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
27 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
29 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
30 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
31 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
32 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
33 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
34 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
35 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
36 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
37 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
38 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
39 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
40 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
41 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
42 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
43 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
44 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
45 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
46 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
47 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
48 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .
49 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .
50 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
51 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
52 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
53 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
54 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .
55 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
56 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
57 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
58 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
59 0000   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
```

```
60 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
61 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
62 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
35    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
36    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
37    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
38    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
39    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
40    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
41    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
42    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
43    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
44    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
45    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
46    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
47    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
48    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
49    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
50    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
51    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
52    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
53    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
54    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
55    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
59    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
```

```
61    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
64    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   OOOOO
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   OOOOO
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   OOOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   0   OOOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.122E+02        1575.     1650.
2.00       0.0       0.236E+00        2625.     1725.
3.00       0.0       0.659E-02        3675.     1800.
4.00       0.0       0.226E-03        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay

                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.200E+03        1500.     1650.
2.00       0.0       0.346E+02        2550.     1725.
3.00       0.0       0.834E+01        3675.     1800.
4.00       0.0       0.246E+01        4725.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clumps


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  copper


                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID       X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)        (FT)      (FT)
0.33       0.0        0.374E-04      0.262E-02      825.     1575.
0.67       0.0        0.205E-04      0.260E-02     1200.     1650.
1.00       0.0        0.122E-04      0.259E-02     1575.     1650.
1.33       0.0        0.761E-05      0.259E-02     1950.     1650.
1.67       0.0        0.515E-05      0.259E-02     2250.     1725.
2.00       0.0        0.366E-05      0.258E-02     2625.     1725.
2.33       0.0        0.265E-05      0.258E-02     3000.     1725.
2.67       0.0        0.198E-05      0.258E-02     3375.     1800.
3.00       0.0        0.153E-05      0.258E-02     3675.     1800.
3.33       0.0        0.119E-05      0.258E-02     4050.     1800.
3.67       0.0        0.954E-06      0.258E-02     4425.     1875.
4.00       0.0        0.775E-06      0.258E-02     4800.     1875.




0.33       6.8        0.138E-03      0.272E-02      825.     1575.
0.67       6.8        0.756E-04      0.266E-02     1200.     1650.
1.00       6.8        0.451E-04      0.263E-02     1575.     1650.
1.33       6.8        0.281E-04      0.261E-02     1950.     1650.
1.67       6.8        0.190E-04      0.260E-02     2250.     1725.
2.00       6.8        0.135E-04      0.259E-02     2625.     1725.
2.33       6.8        0.978E-05      0.259E-02     3000.     1725.
2.67       6.8        0.733E-05      0.259E-02     3375.     1800.
3.00       6.8        0.565E-05      0.259E-02     3675.     1800.
3.33       6.8        0.441E-05      0.258E-02     4050.     1800.
3.67       6.8        0.353E-05      0.258E-02     4425.     1875.
4.00       6.8        0.286E-05      0.258E-02     4800.     1875.
```

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           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³       1200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       2400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       3600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       4800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       6000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       7200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       8400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       9600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      10800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      12000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      13200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      14400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
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```
GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
```

```
DEPTH GRID, FEET:

 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 4     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 5     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 6     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 7     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 9     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
10     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
11     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
12     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
13     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
14     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
15     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
16     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
17     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
18     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
19     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
20     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
21     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
22     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
23     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
24     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
25     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
26     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
27     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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64     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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66     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
67     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
68     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
69     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
70     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
71     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
72     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
73     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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CODED GRID:

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LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                  FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
  M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
  1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
  2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
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MODEL COEFFICIENTS READ FROM INPUT:

         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

         SETTLING COEFFICIENT                      BETA   =    0.0000

         APPARENT MASS COEFFICIENT                 CM     =    1.0000

         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

         DRAG FOR A PLATE                          CD4    =    1.0000

         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250

         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
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MATERIAL DESCRIPTION:    3 SOLIDS FRACTIONS


                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.8085        0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.1090E-01    0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.4500E-02    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF copper   FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF copper   IS  0.665000E-02 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.2580000E-02 MG/L.

         THE WATER QUALITY STANDARD FOR copper   IS  0.3100000E-02 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.024        0.1761
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   67.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.22000000E-01 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  272.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.59       500.0       1575.       109.2       7.474      0.6757       4059.      0.0000E+00        28              1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  31.19       499.8       1575.       130.9       8.150       1.159       174.8      0.0000E+00        55             28

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  31.78       499.6       1575.       152.5       9.308      0.7587       133.0      0.0000E+00        82             55

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  32.38       499.5       1575.       171.5       10.07      0.4927       96.42      0.0000E+00       109             82

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  32.97       499.5       1575.       187.3       10.56      0.3331       70.53      0.0000E+00       136            109

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  33.56       499.5       1575.       200.5       10.89      0.2393       53.70      0.0000E+00       163            136

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  34.16       499.5       1575.       211.8       11.13      0.1828       42.90      0.0000E+00       190            163

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  34.75       499.5       1575.       221.7       11.31      0.1469       35.76      0.0000E+00       217            190

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  35.35       499.5       1575.       230.7       11.46      0.1227       30.81      0.0000E+00       244            217

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  35.94       499.5       1575.       238.9       11.58      0.1054       27.19      0.0000E+00       271            244

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   11
  35.96       499.5       1575.       239.2       9.685       3.815      0.3893E+05  0.0000E+00       272            271


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.59       500.0       1575.       109.2       7.474      0.6757       54.72      0.0000E+00        28               1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  31.19       499.8       1575.       130.9       8.150       1.159       2.357      0.0000E+00        55              28

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  31.78       499.6       1575.       152.5       9.308      0.7587       1.793      0.0000E+00        82              55

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  32.38       499.5       1575.       171.5       10.07      0.4927       1.300      0.0000E+00       109              82

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  32.97       499.5       1575.       187.3       10.56      0.3331      0.9510      0.0000E+00       136             109

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  33.56       499.5       1575.       200.5       10.89      0.2393      0.7240      0.0000E+00       163             136

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  34.16       499.5       1575.       211.8       11.13      0.1828      0.5784      0.0000E+00       190             163

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  34.75       499.5       1575.       221.7       11.31      0.1469      0.4822      0.0000E+00       217             190

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  35.35       499.5       1575.       230.7       11.46      0.1227      0.4153      0.0000E+00       244             217

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  35.94       499.5       1575.       238.9       11.58      0.1054      0.3668      0.0000E+00       271             244

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   11
  35.96       499.5       1575.       239.2       9.685       3.815       524.9      0.0000E+00       272             271


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED       WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    1
  30.59       500.0       1575.       109.2       7.474      0.6757       22.59      0.0000E+00        28               1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    2
  31.19       499.8       1575.       130.9       8.150       1.159      0.9732      0.0000E+00        55              28

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    3
  31.78       499.6       1575.       152.5       9.308      0.7587      0.7404      0.0000E+00        82              55

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    4
  32.38       499.5       1575.       171.5       10.07      0.4927      0.5367      0.0000E+00       109              82

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    5
  32.97       499.5       1575.       187.3       10.56      0.3331      0.3926      0.0000E+00       136             109

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    6
  33.56       499.5       1575.       200.5       10.89      0.2393      0.2989      0.0000E+00       163             136

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    7
  34.16       499.5       1575.       211.8       11.13      0.1828      0.2388      0.0000E+00       190             163

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    8
  34.75       499.5       1575.       221.7       11.31      0.1469      0.1990      0.0000E+00       217             190

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    9
  35.35       499.5       1575.       230.7       11.46      0.1227      0.1715      0.0000E+00       244             217

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
  35.94       499.5       1575.       238.9       11.58      0.1054      0.1514      0.0000E+00       271             244

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   11
  35.96       499.5       1575.       239.2       9.685       3.815       216.7      0.0000E+00       272             271


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )    (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  35.96       499.5       1575.       239.2       9.685       3.815       8474.       6684.           272               1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

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LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     43659.



     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
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BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .32 .96 1.5 1.4 .70 .19 .02   +   +   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .57 3.0 9.0  15  13 6.6 1.8 .28 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .31 2.9  16  47  77  70  34  10 1.4 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .89 8.5  46 140 243 215 101  27 4.1 .35 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.4  14  74 237 458 394 166  44 6.6 .56 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .07 1.2  12  65 205 384 333 145  38 5.8 .49 .02   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .61 5.8  31  94 158 141  68  19 2.8 .24 .01   +   .   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 1.5 8.4  25  41  37  18 5.0 .77 .06   +   .   .   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .23 1.2 3.7 6.0 5.4 2.7 .75 .11   +   +   .   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .10 .30 .49 .45 .22 .06   +   +   .   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .04 .03 .01   +   +   .   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .13 .21 .19 .09 .02   +   +   .   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .13 .39 .69 .61 .28 .07 .01   +   .   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .20 .67 1.3 1.1 .47 .12 .01   +   .   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .18 .58 1.0 .94 .41 .10 .01   +   .   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .08 .26 .45 .40 .19 .05   +   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .07 .11 .10 .05 .01   +   +   .   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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    BEGIN LONG TERM SIMULATION OF FATE OF Silt




SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     95.411
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     493.19




SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     38.912
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     549.69




SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     15.870
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     572.73
```

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CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .05 .06 .07 .06 .05 .03 .01   +   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .05 .10 .17 .22 .25 .22 .17 .10 .05 .02   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .15 .29 .48 .64 .71 .64 .48 .29 .15 .06   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .14 .34 .68 1.1 1.5 1.6 1.5 1.1 .68 .34 .14   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .09 .27 .66 1.3 2.2 3.0 3.3 3.0 2.2 1.3 .66 .27   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0 .01 .04 .15 .43 1.0 2.1 3.6 4.9 5.5 4.9 3.5 2.1 1.0 .43   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .19 .56 1.3 2.8 4.8 6.7 7.5 6.7 4.8 2.8 1.3 .56   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .20 .59 1.4 3.0 5.1 7.2 8.1 7.2 5.1 3.0 1.4 .59   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .18 .52 1.2 2.6 4.4 6.2 6.9 6.2 4.4 2.6 1.2 .52   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .13 .37 .91 1.8 3.1 4.2 4.7 4.2 3.1 1.8 .91 .37   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .07 .22 .53 1.0 1.7 2.4 2.6 2.4 1.7 1.0 .53 .22   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .03 .11 .26 .52 .85 1.1 1.2 1.1 .85 .51 .26 .11   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .10 .21 .34 .45 .50 .45 .34 .20 .10 .04   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01   +   +   +   +   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .17 .16 .08 .02   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.6 1.5 .75 .20 .03   +   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .33 1.8 5.3 8.7 7.8 3.9 1.0 .16 .01   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .97 5.2  16  27  24  11 3.1 .47 .04   +   .   .   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 1.5 8.3  27  52  44  19 4.9 .76 .06   +   +   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .14 1.3 7.3  23  43  38  17 4.4 .69 .06   +   +   .   .
14 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .73 3.7  11  18  17 8.1 2.3 .42 .05   +   +   +   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .05 .33 1.3 3.7 5.9 5.5 3.1 1.1 .31 .07 .01   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .28 .87 1.9 3.1 3.2 2.1 1.0 .38 .11 .02   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .31 .91 1.9 3.1 3.3 2.4 1.2 .46 .14 .03   +   +   +
18 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .08 .29 .81 1.7 2.6 2.8 2.0 1.0 .44 .14 .03   +   +   +
19 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .22 .58 1.1 1.7 1.8 1.4 .81 .36 .13 .04 .01   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .17 .41 .76 1.0 1.1 .97 .61 .31 .13 .04 .01   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .15 .33 .59 .84 .93 .80 .55 .30 .14 .05 .01   +   +
22 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .05 .14 .30 .53 .74 .83 .73 .51 .29 .14 .05 .01   +   +
23 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .12 .25 .43 .60 .68 .60 .43 .25 .12 .05 .01   +   +
24 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .03 .08 .17 .29 .41 .46 .41 .29 .17 .08 .03 .01   +   +
25 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .02 .05 .10 .17 .23 .25 .23 .17 .10 .05 .02   +   +   +
26 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .02 .05 .08 .11 .12 .11 .08 .05 .02 .01   +   +   +
27 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .02 .03 .04 .04 .04 .03 .02 .01   +   +   +   +
28 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       1.488      0.0000E+00   411.8      0.0000E+00   13.50      0.100000E-01
  2        1563.         1650.      0.1670      0.0000E+00   447.2      0.0000E+00   13.50      0.100000E-01
  3        1563.         1650.      0.1244      0.0000E+00   481.0      0.0000E+00   13.50      0.100000E-01
  4        1563.         1650.      0.8470E-01  0.0000E+00   509.8      0.0000E+00   13.50      0.100000E-01
  5        1562.         1650.      0.6077E-01  0.0000E+00   533.4      0.0000E+00   13.50      0.100000E-01
  6        1562.         1650.      0.4553E-01  0.0000E+00   552.7      0.0000E+00   13.50      0.100000E-01
  7        1562.         1650.      0.3587E-01  0.0000E+00   569.0      0.0000E+00   13.50      0.100000E-01
  8        1562.         1650.      0.2958E-01  0.0000E+00   583.3      0.0000E+00   13.50      0.100000E-01
  9        1562.         1650.      0.2516E-01  0.0000E+00   596.0      0.0000E+00   13.50      0.100000E-01
 10        1562.         1650.      0.2181E-01  0.0000E+00   607.5      0.0000E+00   13.50      0.100000E-01
 11        1562.         1650.       13.79      0.0000E+00   607.9      0.0000E+00   13.50      0.100000E-01





SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     6.4723
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     582.12





SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     2.6397
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     585.96





SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.0766
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     587.52

    MAX CONC IS 0.00000006 OUTPUT SUPPRESSED AT    0.00 FT
```

```
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
  2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
  3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
  5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
  6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
  7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01   +   +   +   +   .   0   0   0   0
  8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .17 .16 .08 .02   +   +   .   0   0   0
  9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.6 1.5 .75 .20 .03   +   +   .   0   0
 10 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .33 1.8 5.3 8.7 7.8 3.9 1.0 .16 .01   +   .   0   0
 11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .97 5.2  16  27  24  11 3.1 .47 .04   +   .   .   0
 12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 1.5 8.3  27  52  44  19 4.9 .76 .06   +   +   .   0
 13 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .14 1.3 7.3  23  43  38  17 4.4 .69 .06   +   +   .   .
 14 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .73 3.7  11  18  17 8.1 2.3 .42 .05   +   +   +   .
 15 0000   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .05 .33 1.3 3.7 5.9 5.5 3.1 1.1 .31 .07 .01   +   +   .
 16 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .28 .87 1.9 3.1 3.2 2.1 1.0 .38 .11 .02   +   +   .
 17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .31 .91 1.9 3.1 3.3 2.4 1.2 .46 .14 .03   +   +   +
 18 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .08 .29 .81 1.7 2.6 2.8 2.0 1.0 .44 .14 .03   +   +   +
 19 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .07 .22 .58 1.1 1.7 1.8 1.4 .81 .36 .13 .04 .01   +   +
 20 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .17 .41 .77 1.1 1.2 .98 .62 .31 .13 .05 .01   +   +
 21 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .16 .35 .61 .87 .96 .83 .57 .32 .15 .06 .02   +   +
 22 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .33 .56 .79 .88 .78 .55 .32 .16 .07 .02   +   +
 23 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .14 .29 .49 .68 .76 .68 .50 .30 .15 .07 .02 .01   +
 24 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .12 .24 .39 .53 .59 .54 .40 .25 .14 .06 .02 .01   +
 25 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .43 .40 .31 .21 .12 .06 .03 .01   +
 26 0000   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .29 .33 .31 .25 .18 .11 .06 .03 .01   +
 27 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .26 .21 .16 .10 .06 .03 .01   +
 28 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .20 .22 .21 .18 .14 .09 .05 .03 .01   +
 29 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .16 .18 .18 .15 .12 .08 .05 .02 .01   +
 30 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .12 .14 .14 .12 .09 .07 .04 .02 .01   +
 31 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .05 .08 .10 .11 .11 .10 .08 .06 .04 .02 .01   +
 32 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .06 .05 .03 .02 .01   +
 33 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
 34 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .05 .04 .03 .02 .01 .01   +
 35 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01   +   +
 36 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .01 .01   +   +
 37 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .01 .01 .01   +   +
 38 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01   +   +   +
 39 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
 40 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
 41 0000   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 42 0000   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 43 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 44 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 45 0000   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 46 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
 47 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
 48 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
 49 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
 50 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
 51 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
 52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
 53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0   0
 54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 4    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 5    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 6    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 7    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 8    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
 9    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
10    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
11    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
12    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
13    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
14    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
15    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
16    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
17    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0   00000
18    .    .    .    0    0    0    0    0    0    0    0    0    0    0    0   00000
19    +    .    .    .    0    0    0    0    0    0    0    0    0    0    0   00000
20    +    .    .    .    .    0    0    0    0    0    0    0    0    0    0   00000
21    +    +    .    .    .    0    0    0    0    0    0    0    0    0    0   00000
22    +    +    .    .    .    .    0    0    0    0    0    0    0    0    0   00000
23    +    +    +    .    .    .    0    0    0    0    0    0    0    0    0   00000
24    +    +    +    .    .    .    .    0    0    0    0    0    0    0    0   00000
25    +    +    +    .    .    .    .    0    0    0    0    0    0    0    0   00000
26    +    +    +    +    .    .    .    .    0    0    0    0    0    0    0   00000
27    +    +    +    +    .    .    .    .    0    0    0    0    0    0    0   00000
28    +    +    +    +    .    .    .    .    .    0    0    0    0    0    0   00000
29    +    +    +    +    +    .    .    .    .    0    0    0    0    0    0   00000
30    +    +    +    +    +    .    .    .    .    0    0    0    0    0    0   00000
31    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
32    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
33    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
34    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
35    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
36    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
37    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
38    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
39    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
40    +    +    +    +    +    .    .    .    .    .    0    0    0    0    0   00000
41    +    +    +    +    .    .    .    .    .    .    0    0    0    0    0   00000
42    +    +    +    +    .    .    .    .    .    0    0    0    0    0    0   00000
43    +    +    +    .    .    .    .    .    .    0    0    0    0    0    0   00000
44    +    +    +    .    .    .    .    .    .    0    0    0    0    0    0   00000
45    +    +    .    .    .    .    .    .    0    0    0    0    0    0    0   00000
46    +    .    .    .    .    .    .    0    0    0    0    0    0    0    0   00000
47    .    .    .    .    .    .    .    0    0    0    0    0    0    0    0   00000
48    .    .    .    .    .    .    0    0    0    0    0    0    0    0    0   00000
49    .    .    .    .    .    0    0    0    0    0    0    0    0    0    0   00000
50    .    .    .    .    0    0    0    0    0    0    0    0    0    0    0   00000
51    .    .    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
52    .    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
53    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
54    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
55    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
56    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
57    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
58    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
59    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
60    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.1009      0.0000E+00   844.6      0.0000E+00   13.50      0.100000E-01
  2        2636.         1726.      0.1133E-01  0.0000E+00   890.2      0.0000E+00   13.50      0.100000E-01
  3        2636.         1726.      0.8436E-02  0.0000E+00   933.3      0.0000E+00   13.50      0.100000E-01
  4        2635.         1726.      0.5746E-02  0.0000E+00   969.7      0.0000E+00   13.50      0.100000E-01
  5        2635.         1726.      0.4122E-02  0.0000E+00   999.2      0.0000E+00   13.50      0.100000E-01
  6        2635.         1726.      0.3089E-02  0.0000E+00   1023.      0.0000E+00   13.50      0.100000E-01
  7        2635.         1725.      0.2433E-02  0.0000E+00   1044.      0.0000E+00   13.50      0.100000E-01
  8        2635.         1725.      0.2006E-02  0.0000E+00   1061.      0.0000E+00   13.50      0.100000E-01
  9        2635.         1725.      0.1707E-02  0.0000E+00   1077.      0.0000E+00   13.50      0.100000E-01
 10        2634.         1725.      0.1479E-02  0.0000E+00   1091.      0.0000E+00   13.50      0.100000E-01
 11        2634.         1725.      0.9353      0.0000E+00   1092.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.43906
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.16




SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.17907
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.42




SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.73030E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.52

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
```

```
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01   +   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .17 .16 .08 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.6 1.5 .75 .20 .03   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .33 1.8 5.3 8.7 7.8 3.9 1.0 .16 .01   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .97 5.2  16  27  24  11 3.1 .47 .04   +   .   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 1.5 8.3  27  52  44  19 4.9 .76 .06   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .14 1.3 7.3  23  43  38  17 4.4 .69 .06   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .73 3.7  11  18  17 8.1 2.3 .42 .05   +   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .05 .33 1.3 3.7 5.9 5.5 3.1 1.1 .31 .07 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .28 .87 1.9 3.1 3.2 2.1 1.0 .38 .11 .02   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .31 .91 1.9 3.1 3.3 2.4 1.2 .46 .14 .03   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .08 .29 .81 1.7 2.6 2.8 2.0 1.0 .44 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .07 .22 .58 1.1 1.7 1.8 1.4 .81 .36 .13 .04 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .17 .41 .77 1.1 1.2 .98 .62 .31 .13 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .16 .35 .61 .87 .96 .83 .57 .32 .15 .06 .02   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .33 .56 .79 .88 .78 .55 .32 .16 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .14 .29 .49 .68 .76 .68 .50 .30 .15 .07 .02 .01   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .12 .24 .39 .53 .59 .54 .40 .25 .14 .06 .02 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .43 .40 .31 .21 .12 .06 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .29 .33 .31 .25 .18 .11 .06 .03 .01   +
27 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .26 .21 .16 .10 .06 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .20 .22 .21 .18 .14 .09 .05 .03 .01   +
29 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .16 .18 .18 .15 .12 .08 .05 .02 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .12 .14 .14 .12 .10 .07 .04 .02 .01   +
31 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .10 .11 .11 .10 .08 .06 .04 .02 .01   +
32 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .06 .05 .03 .02 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .04 .03 .02 .01 .01   +
35 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01   +   +
38 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01   +   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
43 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
62 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
23    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
25    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0OOOO
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0OOOO
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0OOOO
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0OOOO
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0OOOO
31    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0OOOO
32    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0OOOO
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
35    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0OOOO
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
44    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
45    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
46    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
47    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
48    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
51    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .OOOO
52    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0OOOO
53    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0OOOO
54    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
56    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   0OOOO
57    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
58    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
59    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
60    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
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61    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   OOOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   OOOOO
63    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   OOOOO
64    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   OOOOO
65    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   OOOOO
66    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   OOOOO
67    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   OOOOO
68    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   OOOOO
69    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   OOOOO
70    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.      0.6846E-02  0.0000E+00   1378.      0.0000E+00   13.50      0.100000E-01
  2        3709.         1801.      0.7684E-03  0.0000E+00   1432.      0.0000E+00   13.50      0.100000E-01
  3        3709.         1801.      0.5723E-03  0.0000E+00   1482.      0.0000E+00   13.50      0.100000E-01
  4        3708.         1801.      0.3898E-03  0.0000E+00   1525.      0.0000E+00   13.50      0.100000E-01
  5        3708.         1801.      0.2796E-03  0.0000E+00   1560.      0.0000E+00   13.50      0.100000E-01
  6        3708.         1801.      0.2095E-03  0.0000E+00   1588.      0.0000E+00   13.50      0.100000E-01
  7        3708.         1801.      0.1651E-03  0.0000E+00   1612.      0.0000E+00   13.50      0.100000E-01
  8        3708.         1801.      0.1361E-03  0.0000E+00   1632.      0.0000E+00   13.50      0.100000E-01
  9        3707.         1801.      0.1158E-03  0.0000E+00   1650.      0.0000E+00   13.50      0.100000E-01
 10        3707.         1801.      0.1004E-03  0.0000E+00   1667.      0.0000E+00   13.50      0.100000E-01
 11        3707.         1801.      0.6345E-01  0.0000E+00   1667.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.29784E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.57




SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.12147E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.58




SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.49541E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     588.59

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01   +   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .17 .16 .08 .02   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .34 1.0 1.6 1.5 .75 .20 .03   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .03 .33 1.8 5.3 8.7 7.8 3.9 1.0 .16 .01   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .97 5.2  16  27  24  11 3.1 .47 .04   +   .   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .16 1.5 8.3  27  52  44  19 4.9 .76 .06   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .14 1.3 7.3  23  43  38  17 4.4 .69 .06   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .73 3.7  11  18  17 8.1 2.3 .42 .05   +   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .05 .33 1.3 3.7 5.9 5.5 3.1 1.1 .31 .07 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .28 .87 1.9 3.1 3.2 2.1 1.0 .38 .11 .02   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .31 .91 1.9 3.1 3.3 2.4 1.2 .46 .14 .03   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .08 .29 .81 1.7 2.6 2.8 2.0 1.0 .44 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .07 .22 .58 1.1 1.7 1.8 1.4 .81 .36 .13 .04 .01   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .06 .17 .41 .77 1.1 1.2 .98 .62 .31 .13 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .16 .35 .61 .87 .96 .83 .57 .32 .15 .06 .02   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .33 .56 .79 .88 .78 .55 .32 .16 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .14 .29 .49 .68 .76 .68 .50 .30 .15 .07 .02 .01   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .12 .24 .39 .53 .59 .54 .40 .25 .14 .06 .02 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .04 .10 .18 .29 .39 .43 .40 .31 .21 .12 .06 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .29 .33 .31 .25 .18 .11 .06 .03 .01   +
27 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .26 .21 .16 .10 .06 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .20 .22 .21 .18 .14 .09 .05 .03 .01   +
29 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .16 .18 .18 .15 .12 .08 .05 .02 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .10 .12 .14 .14 .12 .10 .07 .04 .02 .01   +
31 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .10 .11 .11 .10 .08 .06 .04 .02 .01   +
32 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .06 .05 .03 .02 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .04 .03 .02 .01 .01   +
35 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01   +   +
38 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01   +   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
42 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
43 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .    .0000
62    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .    .0000
63    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
64    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
72 000000000000000000000000000000000000000000000000000000000000000000000
```

```
SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.4644E-03  0.0000E+00   1996.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.5213E-04  0.0000E+00   2057.      0.0000E+00   13.50      0.100000E-01
  3        4781.         1877.      0.3882E-04  0.0000E+00   2114.      0.0000E+00   13.50      0.100000E-01
  4        4781.         1877.      0.2644E-04  0.0000E+00   2163.      0.0000E+00   13.50      0.100000E-01
  5        4781.         1877.      0.1897E-04  0.0000E+00   2202.      0.0000E+00   13.50      0.100000E-01
  6        4781.         1877.      0.1421E-04  0.0000E+00   2233.      0.0000E+00   13.50      0.100000E-01
  7        4781.         1877.      0.1120E-04  0.0000E+00   2260.      0.0000E+00   13.50      0.100000E-01
  8        4780.         1877.      0.9233E-05  0.0000E+00   2283.      0.0000E+00   13.50      0.100000E-01
  9        4780.         1877.      0.7853E-05  0.0000E+00   2304.      0.0000E+00   13.50      0.100000E-01
 10        4780.         1877.      0.6808E-05  0.0000E+00   2322.      0.0000E+00   13.50      0.100000E-01
 11        4780.         1877.      0.4304E-02  0.0000E+00   2323.      0.0000E+00   13.50      0.100000E-01
```

```
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    0    0    0    0    0    0    0
 6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +    +    .    .    0    0    0    0    0
 7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01    +    +    +    +    .    0    0    0    0
 8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .03  .10  .17  .16  .08  .02    +    +    .    0    0    0
 9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .06  .34  1.0  1.6  1.5  .75  .20  .03    +    +    .    0    0
10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .03  .33  1.8  5.3  8.7  7.8  3.9  1.0  .16  .01    +    .    0    0
11 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .10  .97  5.2   16   27   24   11  3.1  .47  .04    +    .    .    0
12 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .16  1.5  8.3   27   52   44   19  4.9  .76  .06    +    +    .    0
13 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .14  1.3  7.3   23   43   38   17  4.4  .69  .06    +    +    .    .
14 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .08  .73  3.7   11   18   17  8.1  2.3  .42  .05    +    +    +    .
15 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    +    +    +  .05  .33  1.3  3.7  5.9  5.5  3.1  1.1  .31  .07  .01    +    +    .
16 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .07  .28  .87  1.9  3.1  3.2  2.1  1.0  .38  .11  .02    +    +    .
17 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .08  .31  .91  1.9  3.1  3.3  2.4  1.2  .46  .14  .03    +    +    +
18 OOOO    0    0    0    0    0    0    0    0    0    .    .    .    +    +  .01  .08  .29  .81  1.7  2.6  2.8  2.0  1.0  .44  .14  .03    +    +    +
19 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01  .07  .22  .58  1.1  1.7  1.8  1.4  .81  .36  .13  .04  .01    +    +
20 OOOO    0    0    0    0    0    0    0    0    .    .    .    +    +    +  .01  .06  .17  .41  .77  1.1  1.2  .98  .62  .31  .13  .05  .01    +    +
21 OOOO    0    0    0    0    0    0    0    0    .    .    .    +    +    +  .02  .06  .16  .35  .61  .87  .96  .83  .57  .32  .15  .06  .02    +    +
22 OOOO    0    0    0    0    0    0    0    .    .    .    +    +    +    +  .02  .06  .16  .33  .56  .79  .88  .78  .55  .32  .16  .07  .02    +    +
23 OOOO    0    0    0    0    0    0    0    .    .    .    +    +    +    +  .02  .06  .14  .29  .49  .68  .76  .68  .50  .30  .15  .07  .02  .01    +
24 OOOO    0    0    0    0    0    0    .    .    .    .    +    +    +    +  .02  .05  .12  .24  .39  .53  .59  .54  .40  .25  .14  .06  .02  .01    +
25 OOOO    0    0    0    0    0    0    .    .    .    .    +    +    +    +  .02  .04  .10  .18  .29  .39  .43  .40  .31  .21  .12  .06  .03  .01    +
26 OOOO    0    0    0    0    0    0    .    .    .    +    +    +    +    +  .01  .04  .08  .14  .22  .29  .33  .31  .25  .18  .11  .06  .03  .01    +
27 OOOO    0    0    0    0    0    .    .    .    .    +    +    +    +    +  .01  .03  .07  .12  .18  .24  .27  .26  .21  .16  .10  .06  .03  .01    +
28 OOOO    0    0    0    0    0    .    .    .    .    +    +    +    +    +  .01  .03  .06  .10  .15  .20  .22  .21  .18  .14  .09  .05  .03  .01    +
29 OOOO    0    0    0    0    .    .    .    .    .    +    +    +    +    +  .01  .03  .05  .08  .12  .16  .18  .18  .15  .12  .08  .05  .02  .01    +
30 OOOO    0    0    0    0    .    .    .    .    .    +    +    +    +    +  .01  .02  .04  .07  .10  .12  .14  .14  .12  .10  .07  .04  .02  .01    +
31 OOOO    0    0    0    0    .    .    .    .    +    +    +    +    +    +  .01  .02  .03  .05  .08  .10  .11  .11  .10  .08  .06  .04  .02  .01    +
32 OOOO    0    0    0    .    .    .    .    .    +    +    +    +    +    +  .01  .02  .03  .04  .06  .08  .09  .09  .08  .06  .05  .03  .02  .01    +
33 OOOO    0    0    0    .    .    .    .    .    +    +    +    +    +    +  .01  .01  .02  .04  .05  .06  .07  .07  .06  .05  .04  .03  .02  .01    +
34 OOOO    0    0    0    .    .    .    .    .    +    +    +    +    +    +    +  .01  .02  .03  .04  .05  .05  .06  .05  .04  .03  .02  .01  .01    +
35 OOOO    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +  .01  .01  .02  .03  .04  .04  .04  .04  .04  .03  .02  .01  .01    +
36 OOOO    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +  .01  .01  .02  .02  .03  .03  .03  .03  .03  .02  .02  .01  .01    +
37 OOOO    0    0    .    .    .    .    .    .    +    +    +    +    +    +    +    +  .01  .01  .02  .02  .03  .03  .03  .02  .02  .01  .01    +    +
38 OOOO    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +  .01  .01  .01  .02  .02  .02  .02  .02  .01  .01  .01    +    +
39 OOOO    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +  .01  .01  .01  .02  .02  .02  .01  .01  .01    +    +    +
40 OOOO    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01  .01  .01  .01  .01    +    +    +
41 OOOO    0    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01  .01  .01    +    +    +    +
42 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +  .01  .01  .01  .01  .01    +    +    +    +    +
43 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
44 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
45 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
46 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
47 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
48 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
49 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
50 OOOO    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
51 OOOO    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
52 OOOO    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
53 OOOO    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
54 OOOO    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
55 OOOO    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
56 OOOO    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
57 OOOO    .    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
58 OOOO    .    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
59 OOOO    .    .    .    .    .    .    .    .    .    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +    +
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .09 .16 .14 .07 .02   +   +   .   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .52 .85 .76 .38 .10 .01   +   .   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .09 .50 1.5 2.6 2.3 1.1 .30 .04   +   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .15 .81 2.6 5.0 4.3 1.8 .48 .07   +   +   .   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .13 .72 2.2 4.2 3.6 1.6 .43 .06   +   +   .   .   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .36 1.0 1.8 1.6 .79 .23 .04   +   +   .   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .13 .36 .58 .54 .30 .11 .03   +   +   +   .   .
16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .08 .19 .30 .31 .21 .10 .03 .01   +   +   .   .
17 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .08 .19 .31 .33 .23 .11 .04 .01   +   +   +   .
18 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .16 .26 .28 .20 .10 .04 .01   +   +   +   .
19 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .05 .11 .17 .18 .14 .08 .03 .01   +   +   +   .
20 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .04 .07 .10 .11 .09 .06 .03 .01   +   +   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .06 .08 .09 .08 .05 .03 .01   +   +   +   +
22 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .05 .07 .08 .07 .05 .03 .01   +   +   +   +
23 0000   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .04 .06 .07 .06 .04 .02 .01   +   +   +   +
24 0000   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .03 .05 .05 .05 .03 .02 .01   +   +   +   +
25 0000   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .01 .02 .03 .04 .03 .03 .02 .01   +   +   +   +
26 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .02 .03 .03 .02 .01 .01   +   +   +   +
27 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .01 .01   +   +   +   +
28 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .01 .01 .02 .02 .01 .01   +   +   +   +   +
29 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01   +   +   +   +   +
30 0000   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +   +
31 0000   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +   +
32 0000   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 0000   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 0000   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .
52 0000   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .   .
53 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .
54 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .   .
55 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
56 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
57 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
58 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
59 0000   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
```

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60 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
61 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
62 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
25    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
26    +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
27    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
28    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
29    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
30    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
31    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
32    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
33    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
34    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
35    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
36    +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   00000
38    +   +   +   .   .   .   .   .   .   .   0   0   0   0   0   00000
39    +   +   +   .   .   .   .   .   .   .   .   0   0   0   0   00000
40    +   +   +   .   .   .   .   .   .   .   .   0   0   0   0   00000
41    +   +   +   .   .   .   .   .   .   .   .   0   0   0   0   00000
42    +   +   +   .   .   .   .   .   .   .   .   0   0   0   0   00000
43    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
44    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
45    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
46    +   +   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
47    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
48    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
49    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
50    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
51    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
52    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
53    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
54    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
55    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
56    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
57    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
58    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
59    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
60    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
```

```
61    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
64    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
65    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
66    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
67    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
68    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
69    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0OOOO
70    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
71    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     195.13
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     47.871




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     163.29
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     79.710




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     136.65
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     106.35
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .06 .10 .14 .16 .14 .10 .06 .03 .01   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .05 .14 .27 .44 .59 .65 .59 .44 .27 .14 .05   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .06 .20 .47 .92 1.4 2.0 2.2 1.9 1.4 .92 .47 .19   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .05 .19 .55 1.3 2.5 4.1 5.6 6.1 5.6 4.1 2.5 1.3 .55   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .03 .12 .44 1.2 3.0 5.9  10  13  15  13  10 5.9 3.0 1.2   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .05 .24 .83 2.4 5.7  12  19  26  29  26  19  11 5.7 2.4   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .08 .37 1.3 3.7 9.1  18  31  43  48  43  31  18 9.0 3.7   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .11 .48 1.6 4.8  12  24  41  58  65  58  41  24  12 4.8   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .12 .51 1.7 5.2  13  26  44  62  70  62  44  26  13 5.1   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .10 .45 1.5 4.5  11  22  38  54  60  53  38  22  11 4.5   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .07 .32 1.1 3.2 7.9  16  27  37  41  37  27  16 7.8 3.2   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .04 .19 .68 1.9 4.6 9.3  15  21  23  21  15 9.2 4.6 1.9   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .02 .09 .33 .96 2.2 4.5 7.3  10  11  10 7.3 4.5 2.2 .96   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .13 .39 .93 1.8 2.9 3.9 4.3 3.9 2.9 1.8 .93 .39   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2    3    4    5    6    7    8    9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 4 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 5 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
 6 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    0    0    0    0    0    0
 7 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +    +    +    .    .    0    0    0    0
 8 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .01  .01    +    +    +    .    .    0    0    0
 9 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .03  .10  .16  .14  .07  .02    +    +    .    0    0    0
10 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .03  .17  .52  .86  .77  .38  .10  .01    +    .    .    0    0
11 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    +  .01  .09  .51  1.5  2.6  2.3  1.1  .30  .04    +    +    .    0    0
12 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    .    +  .01  .15  .83  2.6  4.8  4.2  1.8  .49  .07    +    +    .    .    0
13 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    +    +  .01  .14  .75  2.3  4.2  3.7  1.6  .47  .08  .01    +    +    .    .
14 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .10  .45  1.2  2.0  1.9  1.0  .34  .08  .01    +    +    .    .
15 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .02  .10  .34  .78  1.2  1.2  .80  .37  .13  .03    +    +    +    .
16 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .04  .15  .43  .93  1.4  1.5  1.0  .56  .22  .06  .01    +    +    .
17 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +  .01  .05  .18  .52  1.1  1.7  1.9  1.3  .70  .28  .08  .02    +    +    +
18 OOOO    0    0    0    0    0    0    0    0    0    .    .    .    +    +  .01  .05  .18  .49  1.0  1.5  1.7  1.2  .68  .29  .10  .02    +    +    +
19 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01  .05  .16  .40  .78  1.1  1.2  .97  .58  .28  .11  .03  .01    +    +
20 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01  .06  .16  .35  .63  .90  .98  .83  .55  .29  .13  .05  .01    +    +
21 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .02  .06  .16  .35  .61  .86  .95  .83  .58  .33  .15  .06  .02    +    +
22 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .02  .06  .16  .34  .59  .83  .93  .82  .58  .33  .16  .06  .02    +    +
23 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .02  .05  .14  .29  .49  .69  .78  .69  .49  .29  .14  .05  .02    +    +
24 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +  .01  .04  .10  .20  .34  .47  .53  .47  .34  .20  .10  .04  .01    +    +
25 OOOO    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +  .02  .06  .12  .19  .27  .29  .27  .19  .12  .06  .02    +    +    +
26 OOOO    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +  .01  .02  .05  .09  .12  .14  .12  .09  .05  .02  .01    +    +    +
27 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    +    +    +    +  .01  .02  .03  .05  .05  .05  .03  .02  .01    +    +    +    +
28 OOOO    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +    +    +  .01  .01  .01  .01  .01    +    +    +    +    +    .
29 OOOO    0    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +    +    +    +    +    +    +    +    +    +    +    .    .
30 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    +    +    +    +    +    +    +    +    +    +    +    .    .    .
31 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    +    +    +    +    +    .    .    .    .    .    0
32 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    .    .    .    .    0    0
33 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    .    .    .    .    .    .    .    .    .    0    0    0    0
34 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
35 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
36 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
37 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
38 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
39 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
40 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
41 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
42 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
43 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
44 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
45 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
46 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
47 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
48 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
49 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
50 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
51 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
52 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
53 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
54 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
55 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
56 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
57 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
58 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
59 OOOO    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       13.35      0.0000E+00   411.8      0.0000E+00   13.50      0.200000E-02
  2        1563.         1650.      0.5799      0.0000E+00   447.2      0.0000E+00   13.50      0.200000E-02
  3        1563.         1650.      0.4376      0.0000E+00   481.0      0.0000E+00   13.50      0.200000E-02
  4        1563.         1650.      0.3164      0.0000E+00   509.8      0.0000E+00   13.50      0.200000E-02
  5        1562.         1650.      0.2289      0.0000E+00   533.4      0.0000E+00   13.50      0.200000E-02
  6        1562.         1650.      0.1739      0.0000E+00   552.7      0.0000E+00   13.50      0.200000E-02
  7        1562.         1650.      0.1387      0.0000E+00   569.0      0.0000E+00   13.50      0.200000E-02
  8        1562.         1650.      0.1153      0.0000E+00   583.3      0.0000E+00   13.50      0.200000E-02
  9        1562.         1650.      0.9923E-01  0.0000E+00   596.0      0.0000E+00   13.50      0.200000E-02
 10        1562.         1650.      0.8740E-01  0.0000E+00   607.5      0.0000E+00   13.50      0.200000E-02
 11        1562.         1650.       121.1      0.0000E+00   607.9      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     114.36
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     128.64




SUMMARY OF Clay     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     95.702
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     147.30




SUMMARY OF Clay     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     80.090
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     162.91
```

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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .03 .04 .06 .08 .10 .11 .12 .13 .12 .11 .10 .08 .06 .04 .03
25 0000   0   0   0   0   0   0   0   0   0   +   + .01 .02 .03 .06 .08 .12 .16 .20 .23 .25 .26 .25 .23 .20 .16 .12 .08 .06
26 0000   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .11 .16 .23 .30 .38 .44 .48 .49 .48 .44 .38 .30 .23 .16 .11
27 0000   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .13 .20 .30 .41 .55 .67 .79 .86 .89 .86 .79 .68 .55 .42 .30 .20
28 0000   0   0   0   0   0   0   0   0   0 .02 .03 .07 .13 .21 .34 .50 .70 .92 1.1 1.3 1.4 1.5 1.4 1.3 1.1 .93 .70 .50 .34
29 0000   0   0   0   0   0   0   0   0   0 .03 .06 .11 .20 .34 .54 .80 1.1 1.4 1.8 2.1 2.3 2.4 2.3 2.1 1.8 1.4 1.1 .80 .54
30 0000   0   0   0   0   0   0   0   0   0 .04 .09 .17 .30 .51 .80 1.2 1.6 2.2 2.7 3.2 3.5 3.6 3.5 3.2 2.7 2.2 1.6 1.2 .81
31 0000   0   0   0   0   0   0   0   0   0 .06 .12 .24 .43 .72 1.1 1.6 2.3 3.1 3.9 4.5 5.0 5.2 5.0 4.6 3.9 3.1 2.3 1.7 1.1
32 0000   0   0   0   0   0   0   0   0   0 .08 .17 .32 .57 .95 1.5 2.2 3.1 4.2 5.2 6.1 6.7 7.0 6.7 6.1 5.2 4.2 3.1 2.2 1.5
33 0000   0   0   0   0   0   0   0   0   0 .10 .21 .40 .71 1.1 1.8 2.8 3.9 5.2 6.6 7.7 8.5 8.8 8.5 7.7 6.6 5.3 4.0 2.8 1.8
34 0000   0   0   0   0   0   0   0   0   0 .12 .24 .46 .83 1.3 2.2 3.3 4.7 6.2 7.8 9.2  10  11  10 9.2 7.8 6.2 4.7 3.3 2.2
35 0000   0   0   0   0   0   0   0   0   0 .13 .27 .51 .91 1.5 2.4 3.6 5.2 6.9 8.7  10  11  12  11  10 8.7 6.9 5.2 3.7 2.4
36 0000   0   0   0   0   0   0   0   0   0 .14 .28 .53 .95 1.6 2.5 3.8 5.4 7.2 9.0  11  12  12  12  11 9.0 7.2 5.4 3.8 2.5
37 0000   0   0   0   0   0   0   0   0   0 .13 .27 .52 .93 1.5 2.4 3.7 5.3 7.0 8.8  10  12  12  12  10 8.8 7.0 5.3 3.7 2.5
38 0000   0   0   0   0   0   0   0   0   0 .12 .25 .48 .85 1.4 2.2 3.4 4.8 6.4 8.1  10  11  11  11  10 8.1 6.4 4.8 3.4 2.3
39 0000   0   0   0   0   0   0   0   0   0 .11 .22 .41 .74 1.2 1.9 2.9 4.1 5.5 6.9 8.1 9.0 9.3 9.0 8.1 6.9 5.5 4.2 2.9 1.9
40 0000   0   0   0   0   0   0   0   0   0 .09 .18 .34 .60 1.0 1.6 2.4 3.3 4.4 5.6 6.5 7.2 7.4 7.2 6.5 5.6 4.5 3.3 2.4 1.6
41 0000   0   0   0   0   0   0   0   0   0 .07 .14 .26 .46 .77 1.2 1.8 2.5 3.4 4.2 4.9 5.4 5.6 5.4 4.9 4.2 3.4 2.5 1.8 1.2
42 0000   0   0   0   0   0   0   0   0   0 .05 .10 .19 .33 .56 .88 1.3 1.8 2.4 3.0 3.5 3.9 4.0 3.9 3.5 3.0 2.4 1.8 1.3 .89
43 0000   0   0   0   0   0   0   0   0   0 .03 .06 .13 .22 .38 .60 .89 1.2 1.6 2.0 2.3 2.6 2.7 2.6 2.3 2.0 1.6 1.2 .89 .60
44 0000   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .24 .38 .57 .79 1.0 1.3 1.5 1.6 1.7 1.6 1.5 1.3 1.0 .80 .57 .38
45 0000   0   0   0   0   0   0   0   0   0 .01 .02 .05 .08 .14 .23 .34 .48 .63 .78 .90 .99 1.0 .99 .91 .78 .63 .48 .34 .23
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .01 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .03 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .07 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .13 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .21 .13   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .34 .20   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .51 .30   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .72 .43   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .96 .57   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  1.1 .71   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  1.4 .83   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  1.5 .92   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  1.6 .96   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  1.5 .94   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  1.4 .86   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  1.2 .74   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  1.0 .61   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .78 .46   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .56 .33   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .38 .23   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .24 .14   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .14 .09   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .16 .14 .07 .02   +   +   .   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .52 .86 .77 .38 .10 .01   +   .   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .51 1.5 2.6 2.3 1.1 .30 .04   +   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .15 .83 2.6 4.8 4.2 1.8 .49 .07   +   +   .   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .14 .75 2.3 4.2 3.7 1.6 .47 .08 .01   +   +   .   .
14 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .45 1.2 2.0 1.9 1.0 .34 .08 .01   +   +   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .10 .34 .78 1.2 1.2 .80 .37 .13 .03   +   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .04 .15 .43 .93 1.4 1.5 1.1 .56 .22 .06 .01   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .52 1.1 1.7 1.9 1.3 .70 .28 .08 .02   +   +   +
18 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .50 1.0 1.6 1.7 1.2 .68 .29 .10 .03   +   +   +
19 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .05 .17 .41 .79 1.1 1.2 .98 .59 .29 .11 .04 .01   +   +
20 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .16 .36 .65 .92 1.0 .86 .57 .31 .14 .06 .02   +   +
21 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .18 .38 .65 .91 1.0 .89 .63 .37 .18 .08 .03 .01   +
22 0000   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .67 .94 1.0 .94 .68 .41 .21 .09 .04 .01   +
23 0000   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .09 .20 .39 .64 .88 .98 .89 .67 .42 .23 .11 .04 .01   +
24 0000   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .19 .36 .57 .76 .85 .79 .61 .41 .23 .12 .05 .02 .01
25 0000   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .09 .19 .33 .50 .66 .74 .70 .57 .40 .24 .13 .07 .03 .01
26 0000   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .10 .19 .31 .47 .60 .68 .65 .55 .40 .26 .15 .08 .04 .01
27 0000   0   0   0   0   .   .   .   .   +   +   +   + .01 .02 .05 .10 .19 .31 .45 .57 .64 .63 .54 .40 .27 .16 .09 .04 .02
28 0000   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .18 .29 .42 .54 .60 .59 .52 .40 .28 .17 .10 .05 .02
29 0000   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .18 .28 .39 .49 .55 .55 .48 .38 .27 .18 .11 .06 .03
30 0000   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .17 .26 .36 .44 .50 .50 .45 .36 .27 .18 .11 .06 .03
31 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .16 .24 .33 .40 .45 .45 .41 .34 .26 .18 .12 .07 .04
32 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .15 .22 .30 .37 .41 .41 .38 .32 .25 .18 .12 .07 .04
33 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .09 .14 .21 .27 .33 .37 .38 .35 .30 .24 .17 .12 .07 .04
34 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .09 .13 .19 .25 .30 .33 .34 .32 .27 .22 .16 .11 .07 .04
35 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .12 .17 .22 .26 .29 .30 .28 .24 .20 .15 .10 .07 .04
36 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .10 .14 .19 .22 .25 .25 .24 .21 .17 .13 .09 .06 .04
37 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .09 .12 .16 .19 .21 .21 .20 .18 .15 .11 .08 .05 .03
38 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .13 .15 .17 .17 .17 .15 .12 .10 .07 .05 .03
39 0000   0   0   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .06 .08 .10 .12 .13 .14 .13 .12 .10 .08 .06 .04 .02
40 0000   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .09 .10 .10 .10 .09 .07 .06 .04 .03 .02
41 0000   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .07 .07 .06 .05 .04 .03 .02 .01
42 0000   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .05 .05 .04 .04 .03 .02 .01 .01
43 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
44 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
45 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
46 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
52 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
23    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
24    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
25    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
26    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
27  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
28  .01   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
29  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
30  .02 .01   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
31  .02 .01   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
32  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
33  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
34  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
35  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
36  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
37  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
38  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
39  .01 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
40  .01   +   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
41  .01   +   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   0   0   0   00000
43    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
44    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
45    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
46    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
47    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
48    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
49    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
50    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
51    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
52    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
53    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.       7.825      0.0000E+00   844.6      0.0000E+00   13.50      0.200000E-02
  2        2636.         1726.      0.3399      0.0000E+00   890.2      0.0000E+00   13.50      0.200000E-02
  3        2636.         1726.      0.2564      0.0000E+00   933.3      0.0000E+00   13.50      0.200000E-02
  4        2635.         1726.      0.1854      0.0000E+00   969.7      0.0000E+00   13.50      0.200000E-02
  5        2635.         1726.      0.1342      0.0000E+00   999.2      0.0000E+00   13.50      0.200000E-02
  6        2635.         1726.      0.1019      0.0000E+00   1023.      0.0000E+00   13.50      0.200000E-02
  7        2635.         1725.      0.8126E-01  0.0000E+00   1044.      0.0000E+00   13.50      0.200000E-02
  8        2635.         1725.      0.6761E-01  0.0000E+00   1061.      0.0000E+00   13.50      0.200000E-02
  9        2635.         1725.      0.5816E-01  0.0000E+00   1077.      0.0000E+00   13.50      0.200000E-02
 10        2634.         1725.      0.5122E-01  0.0000E+00   1091.      0.0000E+00   13.50      0.200000E-02
 11        2634.         1725.       70.99      0.0000E+00   1092.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     67.024
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     175.98




SUMMARY OF Clay     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     56.090
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     186.91




SUMMARY OF Clay     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     46.940
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     196.06
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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .06 .07 .08 .08 .08 .08 .08 .07 .06 .06 .05
35 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .10 .11 .12 .12 .12 .12 .12 .11 .10 .09 .08
36 OOOO   0   0   0   0   0   0   + .01 .01 .02 .02 .03 .05 .06 .08 .10 .11 .13 .15 .16 .18 .18 .19 .18 .18 .16 .15 .13 .11
37 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .11 .14 .17 .19 .22 .24 .25 .27 .27 .27 .26 .24 .22 .19 .17
38 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .05 .07 .10 .13 .16 .20 .23 .27 .31 .34 .36 .37 .38 .37 .36 .34 .31 .27 .24
39 OOOO   0   0   0   0   0   0 .01 .02 .04 .05 .08 .10 .14 .18 .22 .27 .32 .37 .42 .46 .49 .51 .52 .51 .49 .46 .42 .37 .32
40 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .10 .14 .18 .24 .30 .36 .43 .50 .56 .62 .66 .69 .70 .69 .66 .62 .56 .50 .43
41 OOOO   0   0   0   0   0   0 .03 .04 .07 .09 .13 .18 .24 .31 .39 .47 .56 .65 .73 .80 .86 .89 .91 .89 .86 .80 .73 .65 .56
42 OOOO   0   0   0   0   0   0 .04 .06 .08 .12 .17 .23 .30 .39 .49 .60 .71 .82 .93 1.0 1.0 1.1 1.1 1.1 1.0 1.0 .93 .83 .71
43 OOOO   0   0   0   0   0   0 .05 .07 .10 .15 .21 .28 .37 .48 .60 .74 .88 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .88
44 OOOO   0   0   0   0   0   0 .05 .08 .12 .18 .25 .34 .45 .58 .73 .89 1.0 1.2 1.3 1.5 1.6 1.6 1.7 1.6 1.6 1.5 1.3 1.2 1.0
45 OOOO   0   0   0   0   0   0 .06 .10 .15 .21 .29 .40 .53 .68 .85 1.0 1.2 1.4 1.6 1.7 1.9 1.9 2.0 1.9 1.9 1.7 1.6 1.4 1.2
46 OOOO   0   0   0   0   0   0 .07 .11 .17 .24 .33 .45 .60 .77 .97 1.1 1.4 1.6 1.8 2.0 2.1 2.2 2.3 2.2 2.1 2.0 1.8 1.6 1.4
47 OOOO   0   0   0   0   0   0 .08 .13 .19 .27 .37 .50 .67 .86 1.0 1.3 1.5 1.8 2.0 2.2 2.4 2.5 2.5 2.5 2.4 2.2 2.0 1.8 1.5
48 OOOO   0   0   0   0   0   0 .09 .14 .20 .29 .40 .54 .72 .93 1.1 1.4 1.7 1.9 2.2 2.4 2.6 2.7 2.7 2.7 2.6 2.4 2.2 1.9 1.7
49 OOOO   0   0   0   0   0   0 .09 .14 .21 .30 .42 .57 .76 .98 1.2 1.5 1.7 2.0 2.3 2.5 2.7 2.8 2.9 2.8 2.7 2.5 2.3 2.0 1.8
50 OOOO   0   0   0   0   0   0 .10 .15 .22 .31 .43 .59 .78 1.0 1.2 1.5 1.8 2.1 2.4 2.6 2.8 2.9 2.9 2.9 2.8 2.6 2.4 2.1 1.8
51 OOOO   0   0   0   0   0   0 .10 .15 .22 .31 .43 .59 .78 1.0 1.2 1.5 1.8 2.1 2.4 2.6 2.8 2.9 2.9 2.9 2.8 2.6 2.4 2.1 1.8
52 OOOO   0   0   0   0   0   0 .09 .14 .21 .30 .42 .57 .75 .97 1.2 1.4 1.7 2.0 2.3 2.5 2.7 2.8 2.9 2.8 2.7 2.5 2.3 2.0 1.7
53 OOOO   0   0   0   0   0   0 .09 .13 .20 .29 .40 .54 .71 .92 1.1 1.4 1.6 1.9 2.2 2.4 2.5 2.7 2.7 2.7 2.6 2.4 2.2 1.9 1.6
54 OOOO   0   0   0   0   0   0 .08 .12 .18 .26 .37 .50 .66 .85 1.0 1.3 1.5 1.8 2.0 2.2 2.3 2.4 2.5 2.4 2.3 2.2 2.0 1.8 1.5
55 OOOO   0   0   0   0   0   0 .07 .11 .16 .24 .33 .45 .59 .76 .95 1.1 1.3 1.6 1.8 2.0 2.1 2.2 2.2 2.2 2.1 2.0 1.8 1.6 1.4
56 OOOO   0   0   0   0   0   0 .06 .10 .14 .21 .29 .39 .52 .66 .83 1.0 1.2 1.4 1.5 1.7 1.8 1.9 1.9 1.9 1.8 1.7 1.5 1.4 1.2
57 OOOO   0   0   0   0   0   0 .05 .08 .12 .18 .24 .33 .44 .57 .71 .87 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.2 1.0
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58 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .20 .28 .36 .47 .59 .72 .85 .99 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.1 .99 .86
59 OOOO   0   0   0   0   0   0 .03 .05 .08 .12 .16 .22 .29 .38 .47 .58 .69 .80 .90 .99 1.0 1.1 1.1 1.1 1.0 .99 .90 .80 .69
60 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .17 .23 .30 .37 .46 .54 .63 .71 .78 .83 .86 .88 .86 .83 .78 .71 .63 .54
61 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .10 .13 .18 .23 .29 .35 .41 .48 .54 .59 .63 .66 .67 .66 .64 .59 .54 .48 .42
62 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .17 .21 .26 .31 .36 .40 .44 .47 .49 .50 .49 .47 .44 .40 .36 .31
63 OOOO   0   0   0   0   0   0 .01 .01 .02 .04 .05 .07 .09 .12 .15 .19 .22 .26 .29 .32 .34 .36 .36 .36 .34 .32 .29 .26 .22
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .04 .03 .03 .02 .01 .01   +   0   0   0   0   0   0   0   0   00000
35  .06 .05 .04 .03 .02 .02 .01   0   0   0   0   0   0   0   0   00000
36  .10 .08 .06 .05 .04 .02 .02   0   0   0   0   0   0   0   0   00000
37  .14 .11 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   00000
38  .20 .16 .13 .10 .08 .05 .04   0   0   0   0   0   0   0   0   00000
39  .27 .22 .18 .14 .10 .08 .05   0   0   0   0   0   0   0   0   00000
40  .36 .30 .24 .18 .14 .10 .07   0   0   0   0   0   0   0   0   00000
41  .47 .39 .31 .24 .18 .13 .10   0   0   0   0   0   0   0   0   00000
42  .60 .49 .39 .31 .23 .17 .12   0   0   0   0   0   0   0   0   00000
43  .74 .61 .48 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
44  .89 .73 .58 .45 .34 .25 .18   0   0   0   0   0   0   0   0   00000
45  1.0 .86 .68 .53 .40 .30 .21   0   0   0   0   0   0   0   0   00000
46  1.1 .98 .78 .60 .46 .34 .24   0   0   0   0   0   0   0   0   00000
47  1.3 1.0 .86 .67 .51 .37 .27   0   0   0   0   0   0   0   0   00000
48  1.4 1.1 .93 .73 .55 .40 .29   0   0   0   0   0   0   0   0   00000
49  1.5 1.2 .98 .76 .58 .43 .31   0   0   0   0   0   0   0   0   00000
50  1.5 1.2 1.0 .78 .59 .44 .31   0   0   0   0   0   0   0   0   00000
51  1.5 1.2 1.0 .78 .59 .44 .31   0   0   0   0   0   0   0   0   00000
52  1.5 1.2 .98 .76 .58 .42 .30   0   0   0   0   0   0   0   0   00000
53  1.4 1.1 .93 .72 .54 .40 .29   0   0   0   0   0   0   0   0   00000
54  1.3 1.0 .85 .66 .50 .37 .27   0   0   0   0   0   0   0   0   00000
55  1.1 .96 .77 .59 .45 .33 .24   0   0   0   0   0   0   0   0   00000
56  1.0 .84 .67 .52 .39 .29 .21   0   0   0   0   0   0   0   0   00000
57  .87 .71 .57 .44 .34 .25 .18   0   0   0   0   0   0   0   0   00000
58  .72 .59 .47 .37 .28 .20 .15   0   0   0   0   0   0   0   0   00000
59  .58 .48 .38 .30 .22 .16 .12   0   0   0   0   0   0   0   0   00000
60  .46 .38 .30 .23 .18 .13 .09   0   0   0   0   0   0   0   0   00000
```

```
61  .35 .29 .23 .18 .13 .10 .07   0   0   0   0   0   0   0   0   0OOOO
62  .26 .21 .17 .13 .10 .07 .05   0   0   0   0   0   0   0   0   0OOOO
63  .19 .15 .12 .10 .07 .05 .04   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .16 .14 .07 .02   +   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .52 .86 .77 .38 .10 .01   +   .   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .51 1.5 2.6 2.3 1.1 .30 .04   +   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .15 .83 2.6 4.8 4.2 1.8 .49 .07   +   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .14 .75 2.3 4.2 3.7 1.6 .47 .08 .01   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .45 1.2 2.0 1.9 1.0 .34 .08 .01   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .10 .34 .78 1.2 1.2 .80 .37 .13 .03   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .04 .15 .43 .93 1.4 1.5 1.1 .56 .22 .06 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .52 1.1 1.7 1.9 1.3 .70 .28 .08 .02   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .50 1.0 1.6 1.7 1.2 .68 .29 .10 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .05 .17 .41 .79 1.1 1.2 .98 .59 .29 .11 .04 .01   +   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .16 .36 .65 .92 1.0 .86 .57 .31 .14 .06 .02   +   +
21 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .18 .38 .65 .91 1.0 .89 .63 .37 .18 .08 .03 .01   +
22 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .67 .94 1.0 .94 .68 .41 .21 .09 .04 .01   +
23 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .09 .20 .39 .64 .88 .98 .89 .67 .42 .23 .11 .04 .01   +
24 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .19 .36 .57 .76 .85 .79 .61 .41 .23 .12 .05 .02 .01
25 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .09 .19 .33 .50 .66 .74 .70 .57 .40 .24 .13 .07 .03 .01
26 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   + .02 .04 .10 .19 .31 .47 .61 .68 .66 .55 .40 .26 .15 .08 .04 .01
27 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .31 .45 .57 .64 .63 .54 .41 .27 .16 .09 .05 .02
28 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .30 .42 .54 .60 .60 .52 .40 .28 .17 .10 .05 .02
29 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .18 .28 .39 .49 .55 .55 .49 .39 .28 .18 .11 .06 .03
30 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .17 .26 .36 .45 .50 .50 .45 .37 .27 .19 .12 .07 .04
31 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .17 .25 .34 .41 .46 .46 .42 .35 .27 .19 .12 .07 .04
32 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .10 .16 .24 .31 .38 .43 .43 .40 .34 .26 .19 .13 .08 .05
33 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .10 .16 .22 .29 .36 .40 .40 .38 .33 .26 .19 .13 .09 .05
34 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .21 .28 .33 .37 .38 .35 .31 .25 .19 .14 .09 .06
35 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .20 .26 .31 .34 .35 .33 .29 .24 .19 .14 .09 .06
36 OOOO   .   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .14 .19 .24 .28 .31 .32 .31 .28 .23 .19 .14 .10 .07
37 OOOO   .   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .13 .18 .22 .26 .29 .30 .29 .26 .22 .18 .14 .10 .07
38 OOOO   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .17 .21 .24 .27 .28 .27 .25 .21 .18 .14 .10 .07
39 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .12 .16 .19 .23 .25 .26 .25 .23 .20 .17 .13 .10 .07
40 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .03 .04 .06 .09 .12 .15 .18 .21 .23 .24 .23 .22 .19 .16 .13 .10 .07
41 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .03 .04 .06 .08 .11 .14 .17 .19 .21 .22 .22 .20 .18 .16 .13 .10 .07
42 OOOO   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .16 .18 .20 .20 .20 .19 .17 .15 .12 .10 .07
43 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .07 .10 .12 .15 .17 .18 .19 .19 .18 .16 .14 .12 .09 .07
44 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .09 .11 .13 .15 .17 .17 .17 .16 .15 .13 .11 .09 .07
45 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .08 .10 .12 .14 .15 .16 .16 .15 .14 .12 .10 .09 .07
46 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .11 .13 .14 .14 .14 .14 .13 .11 .10 .08 .06
47 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .10 .11 .12 .13 .13 .13 .12 .10 .09 .07 .06
48 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .11 .12 .12 .11 .11 .09 .08 .07 .06
49 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .09 .10 .10 .10 .10 .09 .09 .07 .06 .05
50 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .09 .09 .08 .08 .07 .06 .05
51 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .06 .07 .08 .08 .08 .08 .07 .07 .06 .05 .04
52 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .06 .06 .07 .07 .07 .06 .06 .05 .04 .04
53 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .05 .05 .04 .04 .03
54 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .04 .04 .04 .03 .02
55 OOOO   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .02 .02
56 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
57 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
58 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01 .01
59 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
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60 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
61 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
23    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
24    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
25    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
26    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
27  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
28  .01   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
29  .01   +   +   +   +   +   +   +   .   .   .   .   .   .   0   00000
30  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
31  .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
32  .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
33  .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
34  .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .   .0000
35  .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .   .0000
36  .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
37  .04 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
38  .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .   .0000
39  .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .0000
40  .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .0000
41  .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
42  .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
43  .05 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .0000
44  .05 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   .0000
45  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
46  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
47  .05 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
48  .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
49  .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
50  .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
51  .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
52  .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
53  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .0000
54  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .0000
55  .02 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .0000
56  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
57  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
58  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
59    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
60    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
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61    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
62    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
63    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
64    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
65    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
66    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
67    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
68    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .OOOO
69    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   0OOOO
70    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.       4.586      0.0000E+00   1378.      0.0000E+00   13.50      0.200000E-02
  2        3709.         1801.      0.1992      0.0000E+00   1432.      0.0000E+00   13.50      0.200000E-02
  3        3709.         1801.      0.1503      0.0000E+00   1482.      0.0000E+00   13.50      0.200000E-02
  4        3708.         1801.      0.1087      0.0000E+00   1525.      0.0000E+00   13.50      0.200000E-02
  5        3708.         1801.      0.7864E-01  0.0000E+00   1560.      0.0000E+00   13.50      0.200000E-02
  6        3708.         1801.      0.5973E-01  0.0000E+00   1588.      0.0000E+00   13.50      0.200000E-02
  7        3708.         1801.      0.4763E-01  0.0000E+00   1612.      0.0000E+00   13.50      0.200000E-02
  8        3708.         1801.      0.3962E-01  0.0000E+00   1632.      0.0000E+00   13.50      0.200000E-02
  9        3707.         1801.      0.3409E-01  0.0000E+00   1650.      0.0000E+00   13.50      0.200000E-02
 10        3707.         1801.      0.3002E-01  0.0000E+00   1667.      0.0000E+00   13.50      0.200000E-02
 11        3707.         1801.       41.61      0.0000E+00   1667.      0.0000E+00   13.50      0.200000E-02





SUMMARY OF Clay     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     39.282
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     203.69





SUMMARY OF Clay     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     32.874
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     209.98





SUMMARY OF Clay     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     27.511
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     215.12
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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04
45 OOOO   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
46 OOOO   0   0   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .07 .07 .07 .08 .08 .08 .08 .08 .07 .07 .07
47 OOOO   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .09 .09 .10 .10 .10 .10 .10 .09 .09 .08
48 OOOO   0   0   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .11 .11 .12 .13 .13 .13 .13 .13 .12 .12 .11
49 OOOO   0   0   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .13 .14 .14 .15 .16 .16 .16 .16 .16 .15 .14 .14
50 OOOO   0   0 .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .13 .14 .16 .17 .18 .19 .19 .20 .20 .20 .19 .19 .18 .17
51 OOOO   0   0 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .12 .14 .16 .17 .19 .20 .22 .23 .24 .24 .24 .24 .24 .23 .22 .20
52 OOOO   0   0 .01 .02 .02 .03 .04 .05 .06 .07 .09 .11 .13 .15 .17 .19 .21 .23 .25 .26 .27 .28 .29 .29 .29 .28 .27 .26 .25
53 OOOO   0   0 .01 .02 .03 .03 .04 .06 .07 .09 .11 .13 .15 .17 .20 .22 .25 .27 .29 .31 .32 .34 .34 .35 .34 .34 .32 .31 .29
54 OOOO   0   0 .02 .02 .03 .04 .05 .07 .08 .10 .12 .15 .17 .20 .23 .26 .29 .31 .34 .36 .38 .39 .40 .40 .40 .39 .38 .36 .34
55 OOOO   0   0 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .20 .23 .26 .30 .33 .36 .39 .42 .44 .45 .46 .46 .46 .45 .44 .42 .39
56 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .14 .16 .19 .23 .26 .30 .34 .38 .41 .44 .47 .49 .51 .52 .53 .52 .51 .50 .47 .44
57 OOOO   0   0 .03 .03 .05 .06 .08 .10 .12 .15 .18 .22 .26 .30 .34 .38 .42 .46 .50 .53 .55 .57 .59 .59 .59 .57 .56 .53 .50
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58 OOOO   0   0 .03 .04 .05 .07 .09 .11 .14 .17 .20 .24 .28 .33 .37 .42 .46 .51 .55 .58 .61 .63 .65 .65 .65 .63 .61 .58 .55
59 OOOO   0   0 .03 .04 .06 .07 .10 .12 .15 .18 .22 .26 .31 .36 .41 .46 .51 .55 .60 .64 .67 .69 .71 .71 .71 .69 .67 .64 .60
60 OOOO   0   0 .03 .05 .06 .08 .10 .13 .16 .20 .24 .28 .33 .38 .44 .49 .54 .59 .64 .68 .72 .74 .76 .76 .76 .74 .72 .68 .64
61 OOOO   0   0 .04 .05 .07 .09 .11 .14 .17 .21 .25 .30 .35 .41 .46 .52 .58 .63 .68 .72 .76 .79 .80 .81 .80 .79 .76 .73 .68
62 OOOO   0   0 .04 .05 .07 .09 .11 .14 .18 .22 .26 .31 .37 .42 .48 .54 .60 .66 .71 .76 .80 .82 .84 .85 .84 .82 .80 .76 .71
63 OOOO   0   0 .04 .05 .07 .09 .12 .15 .18 .23 .27 .32 .38 .44 .50 .56 .62 .68 .73 .78 .82 .85 .87 .87 .87 .85 .82 .78 .74
64 OOOO   0   0 .04 .05 .07 .09 .12 .15 .19 .23 .28 .33 .38 .44 .51 .57 .63 .69 .75 .79 .83 .86 .88 .89 .88 .86 .84 .80 .75
65 OOOO   0   0 .04 .05 .07 .09 .12 .15 .19 .23 .28 .33 .39 .45 .51 .57 .63 .69 .75 .80 .84 .87 .89 .89 .89 .87 .84 .80 .75
66 OOOO   0   0 .04 .05 .07 .09 .12 .15 .19 .23 .27 .33 .38 .44 .50 .57 .63 .69 .74 .79 .83 .86 .88 .88 .88 .86 .83 .79 .74
67 OOOO   0   0 .04 .05 .07 .09 .12 .15 .18 .22 .27 .32 .37 .43 .49 .55 .61 .67 .72 .77 .81 .84 .85 .86 .86 .84 .81 .77 .73
68 OOOO   0   0 .04 .05 .07 .09 .11 .14 .17 .21 .26 .31 .36 .41 .47 .53 .59 .65 .70 .74 .78 .81 .82 .83 .82 .81 .78 .74 .70
69 OOOO   0   0 .04 .05 .06 .08 .11 .13 .17 .20 .24 .29 .34 .39 .45 .50 .56 .61 .66 .70 .74 .76 .78 .79 .78 .77 .74 .71 .66
70 OOOO   0   0 .03 .04 .06 .08 .10 .12 .16 .19 .23 .27 .32 .37 .42 .47 .52 .57 .62 .66 .69 .72 .73 .74 .73 .72 .69 .66 .62
71 OOOO   0   0 .03 .04 .05 .07 .09 .12 .14 .18 .21 .25 .29 .34 .39 .44 .48 .53 .57 .61 .64 .66 .68 .68 .68 .66 .64 .61 .57
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .03 .03 .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   0   0   00000
45  .05 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   0   0   00000
46  .06 .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   0   0   00000
47  .08 .07 .06 .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   0   0   00000
48  .10 .09 .08 .07 .06 .05 .05 .04 .03 .02 .02 .01 .01   0   0   00000
49  .13 .11 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .01   0   0   00000
50  .16 .14 .13 .11 .10 .09 .07 .06 .05 .04 .03 .02 .02   0   0   00000
51  .19 .17 .16 .14 .12 .11 .09 .07 .06 .05 .04 .03 .02   0   0   00000
52  .23 .21 .19 .17 .15 .13 .11 .09 .07 .06 .05 .04 .03   0   0   00000
53  .27 .25 .22 .20 .17 .15 .13 .11 .09 .07 .06 .05 .03   0   0   00000
54  .32 .29 .26 .23 .20 .18 .15 .13 .10 .08 .07 .05 .04   0   0   00000
55  .36 .33 .30 .27 .23 .20 .17 .14 .12 .10 .08 .06 .05   0   0   00000
56  .41 .38 .34 .30 .27 .23 .20 .16 .14 .11 .09 .07 .06   0   0   00000
57  .46 .42 .38 .34 .30 .26 .22 .18 .15 .13 .10 .08 .06   0   0   00000
58  .51 .47 .42 .37 .33 .28 .24 .20 .17 .14 .11 .09 .07   0   0   00000
59  .56 .51 .46 .41 .36 .31 .26 .22 .18 .15 .12 .10 .08   0   0   00000
60  .60 .55 .49 .44 .38 .33 .28 .24 .20 .16 .13 .10 .08   0   0   00000
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61  .63 .58 .52 .46 .41 .35 .30 .25 .21 .17 .14 .11 .09   0   0   00000
62  .66 .61 .55 .49 .43 .37 .32 .27 .22 .18 .15 .12 .09   0   0   00000
63  .68 .62 .56 .50 .44 .38 .32 .27 .23 .19 .15 .12 .09   0   0   00000
64  .69 .64 .57 .51 .45 .39 .33 .28 .23 .19 .15 .12 .09   0   0   00000
65  .70 .64 .57 .51 .45 .39 .33 .28 .23 .19 .15 .12 .10   0   0   00000
66  .69 .63 .57 .51 .44 .38 .33 .28 .23 .19 .15 .12 .09   0   0   00000
67  .67 .62 .56 .49 .43 .38 .32 .27 .22 .18 .15 .12 .09   0   0   00000
68  .65 .59 .53 .48 .42 .36 .31 .26 .22 .18 .14 .11 .09   0   0   00000
69  .61 .56 .51 .45 .40 .34 .29 .25 .20 .17 .13 .11 .08   0   0   00000
70  .58 .53 .48 .42 .37 .32 .27 .23 .19 .16 .13 .10 .08   0   0   00000
71  .53 .49 .44 .39 .34 .30 .25 .21 .18 .14 .12 .09 .07   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .16 .14 .07 .02   +   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .52 .86 .77 .38 .10 .01   +   .   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .51 1.5 2.6 2.3 1.1 .30 .04   +   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .15 .83 2.6 4.8 4.2 1.8 .49 .07   +   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .14 .75 2.3 4.2 3.7 1.6 .47 .08 .01   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .45 1.2 2.0 1.9 1.0 .34 .08 .01   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .10 .34 .78 1.2 1.2 .80 .37 .13 .03   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .04 .15 .43 .93 1.4 1.5 1.1 .56 .22 .06 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .52 1.1 1.7 1.9 1.3 .70 .28 .08 .02   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .50 1.0 1.6 1.7 1.2 .68 .29 .10 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .05 .17 .41 .79 1.1 1.2 .98 .59 .29 .11 .04 .01   +   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .16 .36 .65 .92 1.0 .86 .57 .31 .14 .06 .02   +   +
21 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .18 .38 .65 .91 1.0 .89 .63 .37 .18 .08 .03 .01   +
22 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .67 .94 1.0 .94 .68 .41 .21 .09 .04 .01   +
23 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .09 .20 .39 .64 .88 .98 .89 .67 .42 .23 .11 .04 .01   +
24 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .09 .19 .36 .57 .76 .85 .79 .61 .41 .23 .12 .05 .02 .01
25 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .09 .19 .33 .50 .66 .74 .70 .57 .40 .24 .13 .07 .03 .01
26 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   + .02 .04 .10 .19 .31 .47 .61 .68 .66 .55 .40 .26 .15 .08 .04 .01
27 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .31 .45 .57 .64 .63 .54 .41 .27 .16 .09 .05 .02
28 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .30 .42 .54 .60 .60 .52 .40 .28 .17 .10 .05 .02
29 OOOO   .   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .18 .28 .39 .49 .55 .55 .49 .39 .28 .18 .11 .06 .03
30 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .17 .26 .36 .45 .50 .50 .45 .37 .27 .19 .12 .07 .04
31 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .17 .25 .34 .41 .46 .46 .42 .35 .27 .19 .12 .07 .04
32 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .10 .16 .24 .31 .38 .43 .43 .40 .34 .27 .19 .13 .08 .05
33 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .10 .16 .22 .29 .36 .40 .40 .38 .33 .26 .19 .13 .09 .05
34 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .21 .28 .33 .37 .38 .36 .31 .25 .19 .14 .09 .06
35 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .20 .26 .31 .34 .35 .33 .29 .24 .19 .14 .10 .06
36 OOOO   .   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .14 .19 .24 .28 .31 .32 .31 .28 .23 .19 .14 .10 .07
37 OOOO   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .14 .18 .22 .26 .29 .30 .29 .26 .23 .18 .14 .10 .07
38 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .17 .21 .25 .27 .28 .27 .25 .22 .18 .14 .10 .07
39 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .03 .04 .06 .09 .12 .16 .20 .23 .25 .26 .25 .24 .21 .17 .14 .10 .07
40 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .12 .15 .18 .21 .23 .24 .24 .22 .20 .17 .13 .10 .08
41 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .11 .14 .17 .20 .22 .23 .22 .21 .19 .16 .13 .10 .08
42 OOOO   +   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .11 .14 .16 .19 .20 .21 .21 .20 .18 .15 .13 .10 .08
43 OOOO   +   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .15 .17 .19 .20 .19 .19 .17 .15 .12 .10 .08
44 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .16 .18 .18 .18 .17 .16 .14 .12 .10 .08
45 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .15 .16 .17 .17 .16 .15 .13 .12 .10 .08
46 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .14 .15 .16 .16 .15 .14 .13 .11 .09 .08
47 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .13 .14 .15 .15 .14 .14 .12 .11 .09 .07
48 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .11 .12 .13 .14 .14 .14 .13 .12 .10 .09 .07
49 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .11 .12 .13 .13 .13 .12 .11 .10 .08 .07
50 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .10 .11 .12 .12 .12 .12 .11 .10 .09 .08 .07
51 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .06 .07 .08 .09 .10 .11 .11 .11 .11 .11 .10 .09 .08 .07
52 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .10 .10 .09 .08 .07 .06
53 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .09 .09 .08 .07 .06
54 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .08 .08 .07 .06
55 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .08 .08 .09 .09 .08 .08 .07 .06 .06
56 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .08 .08 .08 .07 .07 .06 .05
57 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06 .05
58 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .05 .06 .06 .06 .07 .07 .07 .07 .06 .06 .05 .05
59 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .05 .04
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60 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .05 .05 .05 .04
61 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .04 .04
62 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .04 .04 .04
63 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
64 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .03 .03
65 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .04 .04 .03 .03 .03 .03 .03
66 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02
67 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .02 .02 .02
68 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
69 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
70 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
71 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
22   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
23   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
24   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
25   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
26   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
27 .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
28 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
29 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
30 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
31 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
32 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
33 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
34 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .   .0000
35 .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .   .   .0000
36 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
37 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .   .0000
38 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   .   .0000
39 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
40 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
41 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   +0000
42 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
43 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
44 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
45 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
46 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
47 .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
48 .06 .05 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
49 .06 .05 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
50 .06 .04 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
51 .06 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
52 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
53 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
54 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
55 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
56 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
57 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
58 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
59 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
60 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
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61  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
62  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
63  .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
64  .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
65  .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
66  .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
67  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
68  .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
69  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +OOOO
70  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +OOOO
71  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.       2.688      0.0000E+00   1996.      0.0000E+00   13.50      0.200000E-02
  2        4782.         1877.      0.1167      0.0000E+00   2057.      0.0000E+00   13.50      0.200000E-02
  3        4781.         1877.      0.8809E-01  0.0000E+00   2114.      0.0000E+00   13.50      0.200000E-02
  4        4781.         1877.      0.6369E-01  0.0000E+00   2163.      0.0000E+00   13.50      0.200000E-02
  5        4781.         1877.      0.4609E-01  0.0000E+00   2202.      0.0000E+00   13.50      0.200000E-02
  6        4781.         1877.      0.3501E-01  0.0000E+00   2233.      0.0000E+00   13.50      0.200000E-02
  7        4781.         1877.      0.2791E-01  0.0000E+00   2260.      0.0000E+00   13.50      0.200000E-02
  8        4780.         1877.      0.2322E-01  0.0000E+00   2283.      0.0000E+00   13.50      0.200000E-02
  9        4780.         1877.      0.1998E-01  0.0000E+00   2304.      0.0000E+00   13.50      0.200000E-02
 10        4780.         1877.      0.1759E-01  0.0000E+00   2322.      0.0000E+00   13.50      0.200000E-02
 11        4780.         1877.       24.38      0.0000E+00   2323.      0.0000E+00   13.50      0.200000E-02
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .01 .01   +   +   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .10 .16 .14 .07 .02   +   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .17 .52 .86 .77 .38 .10 .01   +   .   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .51 1.5 2.6 2.3 1.1 .30 .04   +   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .15 .83 2.6 4.8 4.2 1.8 .49 .07   +   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .14 .75 2.3 4.2 3.7 1.6 .47 .08 .01   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .45 1.2 2.0 1.9 1.0 .34 .08 .01   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   + .02 .10 .34 .78 1.2 1.2 .80 .37 .13 .03   +   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .04 .15 .43 .93 1.4 1.5 1.1 .56 .22 .06 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .52 1.1 1.7 1.9 1.3 .70 .28 .08 .02   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .18 .50 1.0 1.6 1.7 1.2 .68 .29 .10 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .05 .17 .41 .79 1.1 1.2 .98 .59 .29 .11 .04 .01   +   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .06 .16 .36 .65 .92 1.0 .86 .57 .31 .14 .06 .02   +   +
21 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .07 .18 .38 .65 .91 1.0 .89 .63 .37 .18 .08 .03 .01   +
22 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .08 .20 .40 .67 .94 1.0 .94 .68 .41 .21 .09 .04 .01   +
23 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .09 .20 .39 .64 .88 .98 .89 .67 .42 .23 .11 .04 .01   +
24 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .09 .19 .36 .57 .76 .85 .79 .61 .41 .23 .12 .05 .02 .01
25 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .09 .19 .33 .50 .66 .74 .70 .57 .40 .24 .13 .07 .03 .01
26 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   + .02 .04 .10 .19 .31 .47 .61 .68 .66 .55 .40 .26 .15 .08 .04 .01
27 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .31 .45 .57 .64 .63 .54 .41 .27 .16 .09 .05 .02
28 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .10 .19 .30 .42 .54 .60 .60 .52 .40 .28 .17 .10 .05 .02
29 OOOO   .   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .18 .28 .39 .49 .55 .55 .49 .39 .28 .18 .11 .06 .03
30 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .11 .17 .26 .36 .45 .50 .50 .45 .37 .27 .19 .12 .07 .04
31 OOOO   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .17 .25 .34 .41 .46 .46 .42 .35 .27 .19 .12 .07 .04
32 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .10 .16 .24 .31 .38 .43 .43 .40 .34 .27 .19 .13 .08 .05
33 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .06 .10 .16 .22 .29 .36 .40 .40 .38 .33 .26 .19 .13 .09 .05
34 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .21 .28 .33 .37 .38 .36 .31 .25 .19 .14 .09 .06
35 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .20 .26 .31 .34 .35 .33 .29 .24 .19 .14 .10 .06
36 OOOO   .   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .14 .19 .24 .28 .31 .32 .31 .28 .23 .19 .14 .10 .07
37 OOOO   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .10 .14 .18 .22 .26 .29 .30 .29 .26 .23 .18 .14 .10 .07
38 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .17 .21 .25 .27 .28 .27 .25 .22 .18 .14 .10 .07
39 OOOO   .   .   +   +   +   +   +   +   +   + .01 .01 .03 .04 .06 .09 .12 .16 .20 .23 .25 .26 .25 .24 .21 .17 .14 .10 .07
40 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .12 .15 .18 .21 .23 .24 .24 .22 .20 .17 .13 .10 .08
41 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .11 .14 .17 .20 .22 .23 .22 .21 .19 .16 .13 .10 .08
42 OOOO   +   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .11 .14 .16 .19 .20 .21 .21 .20 .18 .15 .13 .10 .08
43 OOOO   +   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .15 .17 .19 .20 .19 .19 .17 .15 .12 .10 .08
44 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .16 .18 .18 .18 .17 .16 .14 .12 .10 .08
45 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .15 .16 .17 .17 .16 .15 .13 .12 .10 .08
46 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .14 .15 .16 .16 .15 .14 .13 .11 .09 .08
47 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .13 .14 .15 .15 .14 .14 .12 .11 .09 .07
48 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .11 .12 .13 .14 .14 .14 .13 .12 .10 .09 .07
49 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .08 .09 .10 .11 .12 .13 .13 .13 .12 .11 .10 .08 .07
50 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .10 .11 .12 .12 .12 .12 .11 .10 .09 .08 .07
51 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .06 .07 .08 .09 .10 .11 .11 .11 .11 .11 .10 .09 .08 .07
52 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .10 .11 .10 .10 .09 .08 .07 .06
53 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .09 .09 .08 .07 .06
54 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .08 .08 .07 .06
55 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .08 .08 .09 .09 .08 .08 .07 .06 .06
56 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .08 .08 .08 .08 .08 .07 .07 .06 .05
57 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06 .05
58 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .04 .05 .06 .06 .06 .07 .07 .07 .07 .06 .06 .05 .05
59 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .05 .04
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60 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .05 .05 .05 .04
61 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .04 .04
62 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .04 .04 .04
63 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
64 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .03 .03
65 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .04 .04 .03 .03 .03 .03 .03
66 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02
67 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .02 .02 .02
68 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
69 OOOO   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
70 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
71 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
23    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
24    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
25    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
26    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
27  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
28  .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
29  .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
30  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
31  .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
32  .03 .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
33  .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
34  .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .   .0000
35  .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .   .   .0000
36  .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
37  .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .   .   .0000
38  .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   .   .0000
39  .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
40  .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
41  .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   +0000
42  .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
43  .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
44  .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
45  .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
46  .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
47  .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
48  .06 .05 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
49  .06 .05 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
50  .06 .04 .03 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
51  .06 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
52  .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
53  .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
54  .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
55  .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
56  .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
57  .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
58  .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
59  .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
60  .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +0000
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61  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
62  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
63  .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
64  .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
65  .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
66  .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
67  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
68  .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
69  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +OOOO
70  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +OOOO
71  .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY  0.1000E-02     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .02 .01   +   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .15 .24 .22 .11 .03   +   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .27 .79 1.3 1.1 .58 .16 .02   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .14 .77 2.3 4.0 3.5 1.7 .46 .07   +   +   .   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .02 .23 1.2 3.9 7.3 6.4 2.8 .75 .11 .01   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .22 1.1 3.5 6.3 5.5 2.5 .71 .12 .01   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .15 .69 1.9 3.1 2.8 1.5 .52 .13 .02   +   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .16 .51 1.1 1.8 1.8 1.2 .57 .20 .05 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .22 .65 1.4 2.1 2.3 1.6 .85 .33 .10 .02   +   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .28 .79 1.7 2.7 2.9 2.0 1.0 .42 .13 .03   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .08 .28 .75 1.5 2.4 2.5 1.9 1.0 .44 .15 .04 .01   +   +
19 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .08 .25 .62 1.2 1.7 1.8 1.4 .90 .43 .17 .06 .02   +   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .03 .09 .25 .55 .99 1.4 1.5 1.2 .87 .47 .22 .09 .03 .01   +
21 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .04 .11 .28 .57 .99 1.3 1.5 1.3 .96 .56 .28 .12 .04 .01   +
22 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .05 .13 .30 .60 1.0 1.4 1.5 1.4 1.0 .62 .32 .14 .06 .02   +
23 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .14 .31 .59 .97 1.3 1.4 1.3 1.0 .64 .35 .17 .07 .03 .01
24 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .06 .14 .29 .54 .86 1.1 1.2 1.1 .93 .62 .36 .18 .08 .03 .01
25 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .02 .06 .14 .28 .50 .76 1.0 1.1 1.0 .86 .60 .37 .21 .10 .05 .02
26 OOOO   0   0   .   .   .   .   .   .   +   +   +   + .01 .03 .07 .15 .28 .48 .71 .92 1.0 .99 .83 .61 .39 .23 .12 .06 .02
27 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .01 .03 .08 .16 .29 .47 .68 .87 .98 .95 .82 .61 .41 .25 .14 .07 .03
28 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .01 .04 .08 .16 .28 .45 .64 .82 .91 .90 .79 .61 .42 .27 .15 .08 .04
29 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .16 .28 .43 .60 .75 .84 .83 .74 .59 .42 .28 .17 .09 .05
30 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .16 .27 .40 .55 .68 .76 .76 .69 .56 .41 .28 .18 .10 .06
31 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .09 .16 .26 .38 .51 .63 .70 .70 .64 .54 .41 .29 .19 .12 .07
32 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .10 .16 .25 .36 .48 .58 .65 .65 .61 .52 .40 .29 .20 .13 .07
33 OOOO   .   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .10 .16 .24 .34 .45 .54 .60 .61 .57 .49 .40 .29 .20 .13 .08
34 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .10 .16 .23 .32 .42 .50 .56 .57 .54 .47 .38 .29 .21 .14 .09
35 OOOO   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .06 .10 .15 .22 .31 .39 .47 .52 .53 .50 .45 .37 .29 .21 .15 .10
36 OOOO   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .22 .29 .37 .43 .48 .49 .47 .42 .36 .28 .21 .15 .10
37 OOOO   .   .   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .15 .21 .27 .34 .40 .44 .46 .44 .40 .34 .28 .21 .15 .11
38 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .04 .06 .10 .14 .20 .26 .32 .37 .41 .42 .41 .38 .33 .27 .21 .16 .11
39 OOOO   .   +   +   +   +   +   +   +   + .01 .01 .02 .04 .07 .10 .14 .19 .25 .30 .35 .38 .40 .39 .36 .31 .26 .21 .16 .11
40 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .03 .04 .07 .10 .14 .18 .23 .28 .32 .35 .37 .36 .34 .30 .25 .20 .16 .12
41 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .09 .13 .17 .22 .26 .30 .33 .34 .34 .32 .29 .24 .20 .16 .12
42 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .09 .13 .17 .21 .25 .28 .31 .32 .32 .30 .27 .23 .19 .16 .12
43 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .12 .16 .20 .23 .26 .29 .30 .30 .28 .26 .23 .19 .15 .12
44 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .12 .15 .18 .22 .25 .27 .28 .28 .27 .24 .22 .18 .15 .12
45 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .11 .14 .17 .20 .23 .25 .26 .26 .25 .23 .21 .18 .15 .12
46 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .11 .14 .16 .19 .22 .23 .24 .24 .23 .22 .20 .17 .14 .12
47 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .13 .16 .18 .20 .22 .23 .23 .22 .21 .19 .16 .14 .11
48 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .17 .19 .20 .21 .21 .21 .20 .18 .16 .13 .11
49 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .16 .18 .19 .20 .20 .19 .18 .17 .15 .13 .11
50 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .15 .16 .18 .18 .19 .18 .17 .16 .14 .13 .11
51 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .15 .17 .17 .17 .17 .16 .15 .14 .12 .10
52 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .13 .14 .15 .16 .16 .16 .15 .14 .13 .12 .10
53 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .12 .13 .14 .15 .15 .15 .14 .14 .12 .11 .10
54 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .11 .13 .13 .14 .14 .14 .14 .13 .12 .11 .09
55 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .08 .10 .11 .12 .13 .13 .13 .13 .13 .12 .11 .10 .09
56 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .04 .06 .07 .08 .09 .10 .11 .12 .12 .12 .12 .12 .11 .10 .09 .08
57 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .11 .11 .11 .10 .09 .08
58 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .11 .11 .10 .10 .09 .08 .08
59 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .07
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60 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .08 .08 .07 .07
61 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
62 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .07 .07 .07 .08 .08 .07 .07 .07 .06 .06
63 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .06 .06 .05
64 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .05 .05
65 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .05 .05 .05 .04
66 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .05 .05 .05 .05 .04 .04
67 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
68 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03
69 OOOO   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03
70 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
71 OOOO   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
20    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
23    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
24    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
25    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
26  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
27  .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
28  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
29  .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
30  .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
31  .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
32  .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
33  .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .   .0000
34  .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
35  .06 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
36  .07 .04 .02 .01 .01   +   +   +   +   +   +   +   +   .   .   .0000
37  .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   +   .   .0000
38  .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   +   .0000
39  .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
40  .08 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +   +0000
41  .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +   +0000
42  .09 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
43  .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
44  .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
45  .09 .07 .05 .04 .02 .02 .01   +   +   +   +   +   +   +   +   +0000
46  .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
47  .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
48  .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
49  .09 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +   +   +   +0000
50  .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +0000
51  .09 .07 .06 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +0000
52  .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +0000
53  .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +0000
54  .08 .07 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +0000
55  .08 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +0000
56  .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +   +   +0000
57  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +0000
58  .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +0000
59  .06 .05 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +0000
60  .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +0000
```

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61  .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
62  .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
63  .05 .04 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +OOOO
64  .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
65  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
66  .03 .03 .03 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +OOOO
67  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
68  .03 .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
69  .02 .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
70  .02 .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +OOOO
71  .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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    BEGIN LONG TERM SIMULATION OF FATE OF copper


SUMMARY OF copper   DISTRIBUTIONS AFTER    1200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1790.9
```

```
SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        846.4         1599.      0.1199E+06  0.1181E+06   345.8      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    2400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
SMALL CLOUDS AT    2400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1204.         1625.      0.2105E+06  0.2088E+06   470.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    3600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .03 .04 .03 .02 .01   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .05 .08 .10 .11 .10 .08 .05 .02 .01   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .05 .11 .18 .24 .27 .24 .18 .11 .05 .02   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .11 .21 .34 .46 .51 .46 .34 .21 .11 .04   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .17 .33 .54 .72 .79 .72 .54 .33 .17 .07   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .09 .22 .43 .70 .93 1.0 .93 .69 .43 .22 .09   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .03 .10 .23 .46 .74 .99 1.0 .99 .74 .46 .23 .09   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .08 .20 .40 .65 .87 .95 .87 .65 .40 .20 .08   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .15 .29 .47 .63 .69 .63 .47 .29 .15 .06   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .09 .17 .28 .37 .41 .37 .28 .17 .09 .03   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .08 .14 .18 .20 .18 .14 .08 .04 .01   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .05 .07 .08 .07 .05 .03 .01   +   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .04 .04 .04 .03 .01 .01   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .06 .10 .14 .15 .14 .10 .06 .03 .01   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .09 .18 .29 .39 .43 .39 .29 .18 .09 .04   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .09 .21 .42 .68 .91 1.0 .91 .68 .42 .21 .09   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .17 .40 .80 1.2 1.7 1.8 1.7 1.2 .79 .40 .17   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .09 .27 .63 1.2 2.0 2.6 2.9 2.6 2.0 1.2 .63 .26   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .12 .34 .82 1.6 2.5 3.4 3.7 3.4 2.5 1.6 .82 .34   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .12 .37 .87 1.7 2.7 3.6 4.0 3.6 2.7 1.7 .87 .36   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .11 .32 .76 1.5 2.4 3.2 3.5 3.2 2.4 1.4 .76 .32   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .08 .23 .55 1.0 1.7 2.3 2.5 2.3 1.7 1.0 .55 .23   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .14 .33 .65 1.0 1.3 1.5 1.3 1.0 .65 .33 .14   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .06 .16 .32 .52 .69 .76 .69 .51 .32 .16 .06   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .06 .13 .21 .28 .31 .28 .21 .13 .06 .02   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1562.         1650.      0.3570E+06  0.3552E+06   607.9      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    4800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
SMALL CLOUDS AT    4800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1919.         1675.      0.5592E+06  0.5574E+06   758.0      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    6000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
SMALL CLOUDS AT    6000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2277.         1700.      0.8264E+06  0.8246E+06   919.5      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    7200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .04 .03 .03 .02 .02 .01 .01
25 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .02 .04 .05 .06 .07 .08 .08 .08 .07 .06 .05 .04 .02 .02
26 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .05 .07 .10 .12 .14 .15 .16 .15 .14 .12 .10 .07 .05 .03
27 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .06 .09 .13 .17 .21 .25 .27 .28 .27 .25 .22 .17 .13 .09 .06
28 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .11 .16 .22 .29 .36 .42 .46 .47 .46 .42 .36 .29 .22 .16 .11
29 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .03 .06 .11 .17 .25 .35 .46 .57 .66 .73 .75 .73 .66 .57 .46 .35 .25 .17
30 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .05 .10 .16 .26 .38 .53 .69 .85 .99 1.0 1.1 1.0 .99 .85 .69 .53 .38 .26
31 OOOO   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .23 .36 .53 .74 .96 1.1 1.3 1.5 1.5 1.5 1.3 1.1 .97 .74 .53 .36
32 OOOO   0   0   0   0   0   0   0   0   0 .02 .05 .10 .18 .30 .47 .70 .97 1.2 1.5 1.8 1.9 2.0 1.9 1.8 1.5 1.2 .97 .70 .48
33 OOOO   0   0   0   0   0   0   0   0   0 .03 .07 .13 .22 .37 .59 .87 1.2 1.5 1.9 2.2 2.4 2.5 2.4 2.2 1.9 1.5 1.2 .87 .59
34 OOOO   0   0   0   0   0   0   0   0   0 .04 .08 .15 .26 .44 .69 1.0 1.4 1.8 2.2 2.6 2.8 2.9 2.8 2.6 2.2 1.8 1.4 1.0 .69
35 OOOO   0   0   0   0   0   0   0   0   0 .04 .09 .16 .29 .48 .76 1.1 1.5 2.0 2.5 2.9 3.1 3.2 3.1 2.9 2.5 2.0 1.5 1.1 .76
36 OOOO   0   0   0   0   0   0   0   0   0 .04 .09 .17 .30 .50 .79 1.1 1.6 2.1 2.5 3.0 3.2 3.3 3.2 3.0 2.6 2.1 1.6 1.1 .79
37 OOOO   0   0   0   0   0   0   0   0   0 .04 .09 .17 .29 .49 .77 1.1 1.5 2.0 2.5 2.9 3.2 3.3 3.2 2.9 2.5 2.0 1.5 1.1 .77
38 OOOO   0   0   0   0   0   0   0   0   0 .04 .08 .15 .27 .45 .71 1.0 1.4 1.9 2.3 2.7 2.9 3.0 2.9 2.7 2.3 1.9 1.4 1.0 .71
39 OOOO   0   0   0   0   0   0   0   0   0 .03 .07 .13 .23 .39 .62 .91 1.2 1.6 2.0 2.3 2.5 2.6 2.5 2.3 2.0 1.6 1.2 .91 .62
40 OOOO   0   0   0   0   0   0   0   0   0 .03 .05 .11 .19 .32 .50 .74 1.0 1.3 1.6 1.9 2.1 2.1 2.1 1.9 1.6 1.3 1.0 .74 .51
41 OOOO   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .25 .39 .57 .79 1.0 1.2 1.4 1.6 1.6 1.6 1.4 1.2 1.0 .80 .57 .39
42 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .06 .11 .18 .28 .41 .58 .75 .93 1.0 1.1 1.2 1.1 1.0 .93 .76 .58 .42 .28
43 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .12 .19 .28 .39 .51 .63 .74 .81 .83 .81 .74 .64 .52 .39 .28 .19
44 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .08 .12 .18 .25 .33 .41 .47 .52 .53 .52 .47 .41 .33 .25 .18 .12
45 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .07 .11 .15 .20 .25 .29 .31 .32 .31 .29 .25 .20 .15 .11 .07
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .07 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .11 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .16 .10   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .23 .14   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .30 .18   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .38 .23   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .44 .26   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .49 .29   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .51 .30   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .49 .30   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .45 .27   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .39 .24   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .32 .19   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .25 .15   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .18 .11   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .12 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .08 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
26 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .02 .01
27 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .05 .06 .08 .09 .10 .10 .10 .09 .08 .06 .05 .03 .02
28 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .06 .08 .11 .13 .15 .17 .17 .17 .15 .13 .11 .08 .06 .04
29 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .06 .09 .13 .17 .21 .24 .27 .27 .27 .24 .21 .17 .13 .09 .06
30 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .03 .06 .09 .14 .19 .25 .31 .36 .40 .41 .40 .36 .31 .25 .19 .14 .09
31 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .05 .08 .13 .19 .27 .35 .44 .51 .55 .57 .55 .51 .44 .35 .27 .19 .13
32 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .03 .06 .11 .17 .26 .36 .47 .57 .67 .73 .75 .73 .67 .58 .47 .36 .26 .17
33 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .14 .21 .32 .44 .58 .71 .83 .91 .93 .91 .83 .72 .58 .44 .32 .22
34 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .05 .09 .16 .25 .37 .52 .68 .83 .97 1.0 1.0 1.0 .97 .84 .68 .52 .37 .25
35 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .06 .10 .18 .28 .41 .57 .75 .92 1.0 1.1 1.2 1.1 1.0 .92 .75 .57 .41 .28
36 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .06 .11 .18 .29 .43 .59 .77 .95 1.1 1.2 1.2 1.2 1.1 .96 .78 .59 .43 .29
37 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .06 .11 .18 .28 .42 .58 .76 .93 1.0 1.1 1.2 1.1 1.0 .94 .76 .58 .42 .28
38 OOOO   0   0   0   0   0   0   0   0   0 .01 .03 .05 .10 .16 .26 .38 .53 .70 .86 1.0 1.0 1.1 1.0 1.0 .86 .70 .53 .38 .26
39 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .05 .08 .14 .22 .33 .46 .61 .75 .87 .95 .98 .95 .87 .75 .61 .46 .33 .23
40 OOOO   0   0   0   0   0   0   0   0   0 .01 .02 .04 .07 .12 .18 .27 .38 .49 .61 .71 .78 .80 .78 .71 .61 .50 .38 .27 .18
41 OOOO   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .14 .21 .29 .38 .47 .55 .60 .62 .60 .55 .47 .38 .29 .21 .14
42 OOOO   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .06 .10 .15 .21 .28 .34 .40 .43 .45 .43 .40 .34 .28 .21 .15 .10
43 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .07 .10 .14 .19 .23 .27 .29 .30 .30 .27 .23 .19 .14 .10 .07
44 OOOO   0   0   0   0   0   0   0   0   0   +   + .01 .01 .02 .04 .06 .09 .12 .15 .17 .19 .19 .19 .17 .15 .12 .09 .06 .04
45 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .01 .02 .04 .05 .07 .09 .10 .11 .12 .11 .10 .09 .07 .05 .04 .02
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .01   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .06 .03   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .08 .05   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .11 .06   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .14 .08   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .16 .09   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .18 .10   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .18 .11   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .18 .11   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .16 .10   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .14 .08   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .12 .07   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .09 .05   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .06 .04   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .04 .02   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .02 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45  .01 .01   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2634.         1725.      0.1168E+07  0.1166E+07   1092.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    8400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1790.9
```

```
SMALL CLOUDS AT    8400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2992.         1751.      0.1594E+07  0.1592E+07   1274.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    9600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1790.8
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SMALL CLOUDS AT    9600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3350.         1776.      0.2113E+07  0.2111E+07   1466.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   10800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .02
35 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .06 .06 .07 .06 .06 .06 .05 .05 .04
36 OOOO   0   0   0   0   0   0   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .09 .09 .08 .07 .06
37 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .05 .06 .07 .09 .10 .11 .13 .13 .14 .14 .14 .13 .13 .12 .10 .09
38 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .16 .18 .19 .20 .20 .20 .19 .18 .16 .14 .12
39 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .12 .14 .17 .20 .22 .24 .26 .27 .27 .27 .26 .24 .22 .20 .17
40 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .05 .07 .10 .13 .16 .19 .23 .26 .29 .32 .34 .36 .36 .36 .34 .32 .29 .26 .23
41 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .16 .20 .25 .29 .34 .38 .41 .44 .46 .47 .46 .44 .41 .38 .34 .29
42 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .16 .21 .26 .31 .37 .42 .48 .52 .56 .58 .58 .58 .56 .52 .48 .43 .37
43 OOOO   0   0   0   0   0   0 .02 .04 .05 .08 .11 .15 .20 .25 .31 .38 .45 .52 .58 .64 .68 .71 .72 .71 .68 .64 .58 .52 .45
44 OOOO   0   0   0   0   0   0 .03 .04 .07 .09 .13 .18 .24 .30 .38 .46 .54 .62 .70 .76 .81 .84 .86 .85 .81 .76 .70 .62 .54
45 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .15 .21 .27 .35 .44 .53 .63 .72 .81 .89 .95 .98 1.0 .98 .95 .89 .81 .72 .63
46 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .24 .31 .40 .50 .60 .71 .82 .92 1.0 1.0 1.1 1.1 1.1 1.0 1.0 .92 .82 .71
47 OOOO   0   0   0   0   0   0 .04 .07 .10 .14 .20 .26 .35 .44 .55 .67 .79 .91 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 .91 .79
48 OOOO   0   0   0   0   0   0 .05 .07 .11 .15 .21 .28 .37 .48 .59 .72 .85 .98 1.1 1.2 1.2 1.3 1.3 1.3 1.2 1.2 1.1 .98 .85
49 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .22 .30 .39 .50 .62 .75 .89 1.0 1.1 1.2 1.3 1.3 1.4 1.4 1.3 1.2 1.1 1.0 .89
50 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .23 .31 .40 .51 .64 .77 .91 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .92
51 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .23 .31 .40 .51 .64 .77 .91 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .91
52 OOOO   0   0   0   0   0   0 .05 .08 .11 .16 .22 .30 .39 .50 .62 .75 .89 1.0 1.1 1.2 1.3 1.3 1.4 1.3 1.3 1.2 1.1 1.0 .89
53 OOOO   0   0   0   0   0   0 .05 .07 .11 .15 .21 .28 .37 .47 .59 .71 .84 .97 1.0 1.1 1.2 1.3 1.3 1.3 1.2 1.1 1.0 .97 .84
54 OOOO   0   0   0   0   0   0 .04 .07 .10 .14 .19 .26 .34 .44 .54 .66 .78 .89 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 .90 .78
55 OOOO   0   0   0   0   0   0 .04 .06 .09 .12 .17 .23 .31 .39 .49 .59 .70 .81 .90 .99 1.0 1.1 1.1 1.1 1.0 .99 .91 .81 .70
56 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .15 .20 .27 .34 .43 .52 .61 .71 .79 .87 .93 .96 .98 .96 .93 .87 .80 .71 .62
57 OOOO   0   0   0   0   0   0 .03 .04 .06 .09 .13 .17 .23 .29 .37 .44 .53 .61 .68 .74 .79 .82 .84 .83 .79 .75 .68 .61 .53
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58 OOOO   0   0   0   0   0   0 .02 .04 .05 .08 .11 .15 .19 .25 .31 .37 .44 .51 .57 .62 .66 .69 .70 .69 .66 .62 .57 .51 .44
59 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .09 .12 .15 .20 .25 .30 .36 .41 .46 .50 .54 .56 .57 .56 .54 .51 .46 .41 .36
60 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .09 .12 .16 .20 .24 .28 .33 .37 .40 .43 .44 .45 .44 .43 .40 .37 .33 .28
61 OOOO   0   0   0   0   0   0 .01 .02 .02 .04 .05 .07 .09 .12 .15 .18 .22 .25 .28 .31 .33 .34 .35 .34 .33 .31 .28 .25 .22
62 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .11 .14 .16 .19 .21 .23 .25 .26 .26 .26 .25 .23 .21 .19 .16
63 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .04 .05 .06 .08 .10 .12 .14 .15 .17 .18 .19 .19 .19 .18 .17 .15 .14 .12
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .02 .02 .01 .01 .01   +   +   0   0   0   0   0   0   0   0   00000
35  .03 .03 .02 .01 .01 .01   +   0   0   0   0   0   0   0   0   00000
36  .05 .04 .03 .02 .02 .01 .01   0   0   0   0   0   0   0   0   00000
37  .07 .06 .05 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
38  .10 .09 .07 .05 .04 .03 .02   0   0   0   0   0   0   0   0   00000
39  .14 .12 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   00000
40  .19 .16 .13 .10 .07 .05 .04   0   0   0   0   0   0   0   0   00000
41  .25 .20 .16 .13 .10 .07 .05   0   0   0   0   0   0   0   0   00000
42  .31 .26 .21 .16 .12 .09 .06   0   0   0   0   0   0   0   0   00000
43  .38 .32 .25 .20 .15 .11 .08   0   0   0   0   0   0   0   0   00000
44  .46 .38 .30 .24 .18 .13 .10   0   0   0   0   0   0   0   0   00000
45  .53 .44 .35 .28 .21 .16 .11   0   0   0   0   0   0   0   0   00000
46  .61 .50 .40 .31 .24 .18 .13   0   0   0   0   0   0   0   0   00000
47  .67 .55 .44 .35 .27 .20 .14   0   0   0   0   0   0   0   0   00000
48  .72 .60 .48 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
49  .76 .63 .50 .39 .30 .22 .16   0   0   0   0   0   0   0   0   00000
50  .78 .64 .52 .40 .31 .23 .17   0   0   0   0   0   0   0   0   00000
51  .77 .64 .51 .40 .31 .23 .16   0   0   0   0   0   0   0   0   00000
52  .75 .62 .50 .39 .30 .22 .16   0   0   0   0   0   0   0   0   00000
53  .71 .59 .47 .37 .28 .21 .15   0   0   0   0   0   0   0   0   00000
54  .66 .55 .44 .34 .26 .19 .14   0   0   0   0   0   0   0   0   00000
55  .60 .49 .39 .31 .24 .17 .13   0   0   0   0   0   0   0   0   00000
56  .52 .43 .35 .27 .21 .15 .11   0   0   0   0   0   0   0   0   00000
57  .45 .37 .30 .23 .18 .13 .09   0   0   0   0   0   0   0   0   00000
58  .37 .31 .25 .19 .15 .11 .08   0   0   0   0   0   0   0   0   00000
59  .30 .25 .20 .16 .12 .09 .06   0   0   0   0   0   0   0   0   00000
60  .24 .20 .16 .12 .09 .07 .05   0   0   0   0   0   0   0   0   00000
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61  .18 .15 .12 .09 .07 .05 .04   0   0   0   0   0   0   0   0   0OOOO
62  .14 .11 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   0OOOO
63  .10 .08 .06 .05 .04 .03 .02   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   +   + .01 .02 .02 .03 .04 .06 .07 .09 .10 .12 .14 .15 .16 .17 .17 .17 .16 .15 .14 .12 .11
35 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .16 .18 .21 .23 .24 .25 .26 .25 .24 .23 .21 .19 .16
36 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .06 .08 .10 .13 .16 .20 .24 .27 .31 .33 .36 .37 .38 .37 .36 .34 .31 .27 .24
37 OOOO   0   0   0   0   0   0 .02 .03 .04 .06 .08 .11 .15 .19 .24 .29 .34 .39 .44 .48 .51 .53 .54 .53 .51 .48 .44 .39 .34
38 OOOO   0   0   0   0   0   0 .02 .04 .06 .08 .12 .16 .21 .26 .33 .40 .47 .54 .61 .67 .71 .74 .75 .74 .71 .67 .61 .55 .47
39 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .21 .28 .36 .45 .54 .64 .74 .83 .91 .97 1.0 1.0 1.0 .97 .91 .83 .74 .64
40 OOOO   0   0   0   0   0   0 .05 .07 .11 .15 .21 .28 .37 .48 .59 .72 .85 .98 1.0 1.2 1.2 1.3 1.3 1.3 1.2 1.2 1.1 .98 .85
41 OOOO   0   0   0   0   0   0 .06 .09 .14 .20 .27 .37 .48 .61 .76 .92 1.0 1.2 1.4 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.4 1.2 1.1
42 OOOO   0   0   0   0   0   0 .08 .12 .17 .25 .34 .46 .60 .77 .96 1.1 1.3 1.5 1.7 1.9 2.0 2.1 2.1 2.1 2.0 1.9 1.7 1.5 1.3
43 OOOO   0   0   0   0   0   0 .10 .15 .21 .30 .42 .57 .74 .94 1.1 1.4 1.6 1.9 2.1 2.3 2.5 2.6 2.6 2.6 2.5 2.3 2.1 1.9 1.6
44 OOOO   0   0   0   0   0   0 .12 .18 .26 .36 .50 .68 .88 1.1 1.4 1.7 2.0 2.3 2.5 2.8 3.0 3.1 3.1 3.1 3.0 2.8 2.5 2.3 2.0
45 OOOO   0   0   0   0   0   0 .14 .21 .30 .42 .59 .79 1.0 1.3 1.6 1.9 2.3 2.6 3.0 3.2 3.5 3.6 3.6 3.6 3.5 3.3 3.0 2.6 2.3
46 OOOO   0   0   0   0   0   0 .16 .23 .34 .48 .66 .89 1.1 1.4 1.8 2.2 2.6 3.0 3.4 3.7 3.9 4.1 4.1 4.1 3.9 3.7 3.4 3.0 2.6
47 OOOO   0   0   0   0   0   0 .17 .26 .38 .53 .73 .99 1.2 1.6 2.0 2.4 2.9 3.3 3.7 4.1 4.4 4.5 4.6 4.5 4.4 4.1 3.7 3.3 2.9
48 OOOO   0   0   0   0   0   0 .19 .28 .41 .57 .79 1.0 1.3 1.7 2.2 2.6 3.1 3.6 4.0 4.4 4.7 4.9 4.9 4.9 4.7 4.4 4.0 3.6 3.1
49 OOOO   0   0   0   0   0   0 .20 .29 .43 .60 .83 1.1 1.4 1.8 2.3 2.8 3.3 3.8 4.2 4.6 4.9 5.1 5.2 5.1 4.9 4.6 4.2 3.8 3.3
50 OOOO   0   0   0   0   0   0 .20 .30 .44 .62 .85 1.1 1.5 1.9 2.3 2.8 3.3 3.8 4.3 4.7 5.0 5.2 5.3 5.3 5.1 4.7 4.3 3.9 3.4
51 OOOO   0   0   0   0   0   0 .20 .30 .44 .62 .85 1.1 1.4 1.9 2.3 2.8 3.3 3.8 4.3 4.7 5.0 5.2 5.3 5.2 5.0 4.7 4.3 3.9 3.3
52 OOOO   0   0   0   0   0   0 .20 .29 .42 .60 .83 1.1 1.4 1.8 2.3 2.7 3.2 3.7 4.2 4.6 4.9 5.1 5.2 5.1 4.9 4.6 4.2 3.8 3.3
53 OOOO   0   0   0   0   0   0 .18 .28 .40 .57 .78 1.0 1.3 1.7 2.1 2.6 3.1 3.5 4.0 4.4 4.6 4.8 4.9 4.8 4.7 4.4 4.0 3.6 3.1
54 OOOO   0   0   0   0   0   0 .17 .26 .37 .53 .73 .97 1.2 1.6 2.0 2.4 2.8 3.3 3.7 4.0 4.3 4.5 4.5 4.5 4.3 4.0 3.7 3.3 2.9
55 OOOO   0   0   0   0   0   0 .15 .23 .33 .47 .65 .88 1.1 1.4 1.8 2.2 2.6 2.9 3.3 3.6 3.9 4.0 4.1 4.0 3.9 3.6 3.3 3.0 2.6
56 OOOO   0   0   0   0   0   0 .13 .20 .29 .42 .57 .77 1.0 1.2 1.6 1.9 2.2 2.6 2.9 3.2 3.4 3.5 3.6 3.5 3.4 3.2 2.9 2.6 2.2
```

```
57 OOOO   0   0   0   0   0   0 .11 .17 .25 .36 .49 .66 .86 1.1 1.3 1.6 1.9 2.2 2.5 2.7 2.9 3.0 3.1 3.0 2.9 2.7 2.5 2.2 1.9
58 OOOO   0   0   0   0   0   0 .09 .14 .21 .30 .41 .55 .72 .92 1.1 1.3 1.6 1.8 2.1 2.3 2.4 2.5 2.5 2.5 2.4 2.3 2.1 1.8 1.6
59 OOOO   0   0   0   0   0   0 .08 .12 .17 .24 .33 .45 .59 .75 .93 1.1 1.3 1.5 1.7 1.8 2.0 2.0 2.1 2.0 2.0 1.8 1.7 1.5 1.3
60 OOOO   0   0   0   0   0   0 .06 .09 .13 .19 .26 .35 .46 .59 .74 .89 1.0 1.2 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.2 1.0
61 OOOO   0   0   0   0   0   0 .04 .07 .10 .15 .20 .27 .36 .46 .57 .69 .82 .94 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .94 .82
62 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .15 .20 .27 .34 .43 .52 .61 .71 .79 .87 .93 .96 .98 .96 .93 .87 .80 .71 .62
63 OOOO   0   0   0   0   0   0 .02 .04 .05 .08 .11 .15 .20 .25 .31 .38 .45 .52 .58 .64 .68 .71 .72 .71 .68 .64 .58 .52 .45
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .09 .07 .06 .04 .03 .02 .02   0   0   0   0   0   0   0   0   00000
35  .14 .11 .09 .07 .05 .04 .03   0   0   0   0   0   0   0   0   00000
36  .20 .16 .13 .10 .08 .06 .04   0   0   0   0   0   0   0   0   00000
37  .29 .24 .19 .15 .11 .08 .06   0   0   0   0   0   0   0   0   00000
38  .40 .33 .27 .21 .16 .12 .08   0   0   0   0   0   0   0   0   00000
39  .54 .45 .36 .28 .22 .16 .11   0   0   0   0   0   0   0   0   00000
40  .72 .60 .48 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
41  .93 .77 .62 .48 .37 .27 .20   0   0   0   0   0   0   0   0   00000
42  1.1 .96 .78 .61 .47 .35 .25   0   0   0   0   0   0   0   0   00000
43  1.4 1.1 .95 .75 .57 .42 .31   0   0   0   0   0   0   0   0   00000
44  1.7 1.4 1.1 .89 .68 .51 .37   0   0   0   0   0   0   0   0   00000
45  1.9 1.6 1.3 1.0 .79 .59 .43   0   0   0   0   0   0   0   0   00000
46  2.2 1.8 1.5 1.1 .90 .67 .49   0   0   0   0   0   0   0   0   00000
47  2.4 2.0 1.6 1.3 .99 .74 .54   0   0   0   0   0   0   0   0   00000
48  2.6 2.2 1.7 1.4 1.0 .80 .58   0   0   0   0   0   0   0   0   00000
49  2.8 2.3 1.8 1.4 1.1 .84 .61   0   0   0   0   0   0   0   0   00000
50  2.8 2.3 1.9 1.5 1.1 .86 .62   0   0   0   0   0   0   0   0   00000
51  2.8 2.3 1.9 1.5 1.1 .86 .62   0   0   0   0   0   0   0   0   00000
52  2.8 2.3 1.8 1.4 1.1 .83 .61   0   0   0   0   0   0   0   0   00000
53  2.6 2.1 1.7 1.3 1.0 .79 .57   0   0   0   0   0   0   0   0   00000
54  2.4 2.0 1.6 1.2 .98 .73 .53   0   0   0   0   0   0   0   0   00000
55  2.2 1.8 1.4 1.1 .88 .66 .48   0   0   0   0   0   0   0   0   00000
56  1.9 1.6 1.2 1.0 .78 .58 .42   0   0   0   0   0   0   0   0   00000
57  1.6 1.3 1.1 .87 .67 .50 .36   0   0   0   0   0   0   0   0   00000
58  1.3 1.1 .93 .73 .55 .41 .30   0   0   0   0   0   0   0   0   00000
59  1.1 .94 .75 .59 .45 .34 .24   0   0   0   0   0   0   0   0   00000
60  .90 .74 .60 .47 .36 .27 .19   0   0   0   0   0   0   0   0   00000
```

```
61  .69 .57 .46 .36 .28 .20 .15   0   0   0   0   0   0   0   0   00000
62  .52 .43 .35 .27 .21 .15 .11   0   0   0   0   0   0   0   0   00000
63  .38 .32 .25 .20 .15 .11 .08   0   0   0   0   0   0   0   0   00000
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3707.         1801.      0.2735E+07  0.2733E+07   1667.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   12000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
SMALL CLOUDS AT   12000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4065.         1826.      0.3469E+07  0.3467E+07   1878.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   13200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

```
SMALL CLOUDS AT   13200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4422.         1851.      0.4326E+07  0.4324E+07   2096.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   14400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     1791.0
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

                    0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-06     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .20 .23 .26 .29 .32 .35 .38 .40 .42 .43 .44 .44 .44 .43 .42 .40 .38
45 OOOO   0   0 .03 .04 .05 .06 .08 .10 .13 .16 .19 .22 .26 .30 .34 .38 .42 .46 .49 .52 .55 .56 .58 .58 .58 .57 .55 .52 .49
46 OOOO   0   0 .04 .05 .07 .08 .11 .14 .17 .20 .24 .29 .33 .38 .44 .49 .54 .59 .63 .67 .70 .73 .74 .75 .74 .73 .71 .67 .64
47 OOOO   0   0 .05 .06 .08 .11 .14 .17 .21 .26 .31 .37 .43 .49 .56 .62 .69 .75 .81 .86 .90 .93 .94 .95 .95 .93 .90 .86 .81
48 OOOO   0   0 .06 .08 .11 .14 .17 .22 .27 .33 .39 .46 .54 .62 .70 .78 .86 .94 1.0 1.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.0 1.0
49 OOOO   0   0 .08 .10 .13 .17 .22 .27 .33 .40 .48 .57 .66 .76 .86 .97 1.0 1.1 1.2 1.3 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.3 1.2
50 OOOO   0   0 .10 .13 .16 .21 .27 .33 .41 .49 .59 .70 .81 .93 1.0 1.1 1.3 1.4 1.5 1.6 1.7 1.7 1.7 1.8 1.7 1.7 1.7 1.6 1.5
51 OOOO   0   0 .12 .15 .20 .25 .32 .40 .49 .60 .71 .84 .98 1.1 1.2 1.4 1.5 1.7 1.8 1.9 2.0 2.1 2.1 2.1 2.1 2.1 2.0 1.9 1.8
52 OOOO   0   0 .14 .18 .24 .30 .38 .48 .59 .71 .85 1.0 1.1 1.3 1.5 1.7 1.8 2.0 2.1 2.3 2.4 2.5 2.5 2.5 2.5 2.5 2.4 2.3 2.2
53 OOOO   0   0 .16 .22 .28 .36 .45 .56 .69 .83 1.0 1.1 1.3 1.5 1.7 1.9 2.2 2.4 2.5 2.7 2.8 2.9 3.0 3.0 3.0 2.9 2.8 2.7 2.5
54 OOOO   0   0 .19 .25 .32 .42 .52 .65 .80 .97 1.1 1.3 1.5 1.8 2.0 2.3 2.5 2.7 2.9 3.1 3.3 3.4 3.5 3.5 3.5 3.4 3.3 3.1 2.9
55 OOOO   0   0 .22 .29 .37 .48 .60 .75 .91 1.1 1.3 1.5 1.8 2.0 2.3 2.6 2.9 3.1 3.4 3.6 3.7 3.9 4.0 4.0 4.0 3.9 3.8 3.6 3.4
56 OOOO   0   0 .25 .32 .42 .54 .68 .84 1.0 1.2 1.4 1.7 2.0 2.3 2.6 2.9 3.2 3.5 3.8 4.0 4.2 4.4 4.5 4.5 4.5 4.4 4.2 4.1 3.8
57 OOOO   0   0 .28 .36 .47 .60 .75 .94 1.1 1.3 1.6 1.9 2.2 2.6 2.9 3.3 3.6 3.9 4.2 4.5 4.7 4.9 5.0 5.0 5.0 4.9 4.7 4.5 4.3
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58 OOOO   0   0 .30 .40 .52 .66 .83 1.0 1.2 1.5 1.8 2.1 2.5 2.8 3.2 3.6 4.0 4.3 4.7 5.0 5.2 5.4 5.5 5.5 5.5 5.4 5.2 5.0 4.7
59 OOOO   0   0 .33 .43 .56 .72 .90 1.1 1.3 1.6 1.9 2.3 2.7 3.1 3.5 3.9 4.3 4.7 5.1 5.4 5.6 5.8 6.0 6.0 6.0 5.8 5.7 5.4 5.1
60 OOOO   0   0 .35 .46 .60 .77 .97 1.2 1.4 1.7 2.1 2.5 2.9 3.3 3.8 4.2 4.6 5.1 5.4 5.8 6.1 6.3 6.4 6.4 6.4 6.3 6.1 5.8 5.5
61 OOOO   0   0 .37 .49 .63 .81 1.0 1.2 1.5 1.8 2.2 2.6 3.0 3.5 4.0 4.4 4.9 5.3 5.8 6.1 6.4 6.6 6.8 6.8 6.8 6.6 6.4 6.1 5.8
62 OOOO   0   0 .39 .51 .66 .85 1.0 1.3 1.6 1.9 2.3 2.7 3.2 3.6 4.1 4.6 5.1 5.6 6.0 6.4 6.7 6.9 7.0 7.1 7.0 6.9 6.7 6.4 6.0
63 OOOO   0   0 .40 .53 .68 .87 1.1 1.3 1.6 2.0 2.4 2.8 3.3 3.8 4.3 4.8 5.3 5.8 6.2 6.6 6.9 7.1 7.3 7.3 7.3 7.1 6.9 6.6 6.2
64 OOOO   0   0 .41 .54 .69 .89 1.1 1.3 1.7 2.0 2.4 2.9 3.3 3.8 4.3 4.9 5.4 5.8 6.3 6.7 7.0 7.2 7.4 7.4 7.4 7.2 7.0 6.7 6.3
65 OOOO   0   0 .41 .54 .70 .89 1.1 1.3 1.7 2.0 2.4 2.9 3.3 3.8 4.3 4.9 5.4 5.9 6.3 6.7 7.0 7.3 7.4 7.4 7.4 7.3 7.0 6.7 6.3
66 OOOO   0   0 .41 .53 .69 .88 1.1 1.3 1.6 2.0 2.4 2.8 3.3 3.8 4.3 4.8 5.3 5.8 6.2 6.6 6.9 7.2 7.3 7.4 7.3 7.2 7.0 6.6 6.3
67 OOOO   0   0 .40 .52 .67 .86 1.0 1.3 1.6 2.0 2.3 2.8 3.2 3.7 4.2 4.7 5.2 5.7 6.1 6.5 6.8 7.0 7.2 7.2 7.2 7.0 6.8 6.5 6.1
68 OOOO   0   0 .38 .50 .65 .83 1.0 1.3 1.5 1.9 2.3 2.7 3.1 3.6 4.1 4.5 5.0 5.5 5.9 6.2 6.5 6.8 6.9 6.9 6.9 6.8 6.6 6.3 5.9
69 OOOO   0   0 .36 .48 .62 .79 .99 1.2 1.5 1.8 2.1 2.5 3.0 3.4 3.9 4.3 4.8 5.2 5.6 5.9 6.2 6.4 6.6 6.6 6.6 6.4 6.2 6.0 5.6
70 OOOO   0   0 .34 .45 .58 .74 .93 1.1 1.4 1.7 2.0 2.4 2.8 3.2 3.6 4.1 4.5 4.9 5.3 5.6 5.8 6.0 6.2 6.2 6.2 6.0 5.9 5.6 5.3
71 OOOO   0   0 .32 .41 .54 .69 .86 1.0 1.3 1.5 1.9 2.2 2.6 3.0 3.4 3.8 4.1 4.5 4.9 5.2 5.4 5.6 5.7 5.7 5.7 5.6 5.4 5.2 4.9
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44  .35 .32 .29 .26 .23 .20 .17 .14 .12 .10 .08 .06 .05   0   0   0OOOO
45  .46 .42 .38 .34 .30 .26 .22 .19 .16 .13 .10 .08 .07   0   0   0OOOO
46  .59 .54 .49 .44 .39 .34 .29 .24 .20 .17 .14 .11 .09   0   0   0OOOO
47  .75 .69 .63 .56 .49 .43 .37 .31 .26 .21 .17 .14 .11   0   0   0OOOO
48  .94 .87 .78 .70 .62 .54 .46 .39 .33 .27 .22 .18 .14   0   0   0OOOO
49  1.1 1.0 .97 .87 .77 .67 .57 .49 .41 .34 .27 .22 .17   0   0   0OOOO
50  1.4 1.3 1.1 1.0 .94 .82 .70 .60 .50 .41 .33 .27 .21   0   0   0OOOO
51  1.7 1.5 1.4 1.2 1.1 .99 .85 .72 .60 .50 .40 .33 .26   0   0   0OOOO
52  2.0 1.8 1.7 1.5 1.3 1.1 1.0 .86 .72 .59 .48 .39 .31   0   0   0OOOO
53  2.4 2.2 2.0 1.7 1.5 1.3 1.1 1.0 .84 .70 .57 .46 .36   0   0   0OOOO
54  2.7 2.5 2.3 2.0 1.8 1.6 1.3 1.1 .98 .81 .66 .53 .42   0   0   0OOOO
55  3.1 2.9 2.6 2.3 2.1 1.8 1.5 1.3 1.1 .92 .75 .61 .48   0   0   0OOOO
56  3.6 3.3 2.9 2.6 2.3 2.0 1.7 1.5 1.2 1.0 .85 .68 .54   0   0   0OOOO
57  4.0 3.6 3.3 2.9 2.6 2.3 1.9 1.6 1.4 1.1 .95 .76 .61   0   0   0OOOO
58  4.4 4.0 3.6 3.2 2.9 2.5 2.1 1.8 1.5 1.2 1.0 .84 .67   0   0   0OOOO
59  4.7 4.3 3.9 3.5 3.1 2.7 2.3 2.0 1.6 1.3 1.1 .91 .72   0   0   0OOOO
60  5.1 4.7 4.2 3.8 3.3 2.9 2.5 2.1 1.8 1.4 1.2 .98 .77   0   0   0OOOO
```

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61  5.4 4.9 4.5 4.0 3.5 3.1 2.6 2.2 1.9 1.5 1.2 1.0 .82   0   0   00000
62  5.6 5.1 4.7 4.2 3.7 3.2 2.7 2.3 1.9 1.6 1.3 1.0 .85   0   0   00000
63  5.8 5.3 4.8 4.3 3.8 3.3 2.8 2.4 2.0 1.6 1.3 1.1 .88   0   0   00000
64  5.9 5.4 4.9 4.4 3.8 3.3 2.9 2.4 2.0 1.7 1.4 1.1 .89   0   0   00000
65  5.9 5.4 4.9 4.4 3.9 3.4 2.9 2.4 2.0 1.7 1.4 1.1 .90   0   0   00000
66  5.8 5.3 4.8 4.3 3.8 3.3 2.9 2.4 2.0 1.7 1.3 1.1 .89   0   0   00000
67  5.7 5.2 4.7 4.2 3.7 3.2 2.8 2.4 2.0 1.6 1.3 1.0 .87   0   0   00000
68  5.5 5.0 4.6 4.1 3.6 3.1 2.7 2.3 1.9 1.6 1.3 1.0 .84   0   0   00000
69  5.2 4.8 4.3 3.9 3.4 3.0 2.6 2.2 1.8 1.5 1.2 1.0 .80   0   0   00000
70  4.9 4.5 4.1 3.6 3.2 2.8 2.4 2.0 1.7 1.4 1.1 .94 .75   0   0   00000
71  4.5 4.2 3.8 3.4 3.0 2.6 2.2 1.9 1.6 1.3 1.0 .87 .69   0   0   00000
72 00000000000000000000000000000000000000000000000000000000000000000000
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .07 .08 .09 .10 .12 .13 .14 .14 .15 .16 .16 .16 .16 .16 .15 .14 .14
45 OOOO   0   0 .01 .01 .02 .02 .03 .04 .04 .05 .07 .08 .09 .11 .12 .14 .15 .17 .18 .19 .20 .21 .21 .21 .21 .21 .20 .19 .18
46 OOOO   0   0 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .12 .14 .16 .18 .20 .21 .23 .25 .26 .27 .27 .27 .27 .27 .26 .25 .23
47 OOOO   0   0 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .15 .18 .20 .23 .25 .27 .29 .31 .33 .34 .35 .35 .35 .34 .33 .31 .30
48 OOOO   0   0 .02 .03 .04 .05 .06 .08 .10 .12 .14 .17 .19 .22 .25 .29 .32 .34 .37 .39 .41 .43 .43 .44 .44 .43 .41 .39 .37
49 OOOO   0   0 .03 .03 .05 .06 .08 .10 .12 .15 .18 .21 .24 .28 .32 .35 .39 .43 .46 .49 .51 .53 .54 .54 .54 .53 .51 .49 .46
50 OOOO   0   0 .03 .04 .06 .07 .10 .12 .15 .18 .22 .25 .30 .34 .39 .43 .48 .52 .56 .60 .63 .65 .66 .66 .66 .65 .63 .60 .56
51 OOOO   0   0 .04 .05 .07 .09 .12 .14 .18 .22 .26 .31 .36 .41 .47 .52 .58 .63 .68 .72 .75 .78 .80 .80 .80 .78 .76 .72 .68
52 OOOO   0   0 .05 .06 .08 .11 .14 .17 .21 .26 .31 .37 .43 .49 .56 .62 .69 .75 .81 .86 .90 .93 .95 .95 .95 .93 .90 .86 .81
53 OOOO   0   0 .06 .08 .10 .13 .16 .20 .25 .31 .37 .43 .50 .58 .66 .73 .81 .88 .95 1.0 1.0 1.0 1.1 1.1 1.1 1.0 1.0 1.0 .95
54 OOOO   0   0 .07 .09 .12 .15 .19 .24 .29 .35 .42 .50 .58 .67 .76 .85 .94 1.0 1.1 1.1 1.2 1.2 1.2 1.3 1.2 1.2 1.2 1.1 1.1
55 OOOO   0   0 .08 .10 .13 .17 .22 .27 .33 .41 .49 .57 .67 .77 .87 .97 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.3 1.2
56 OOOO   0   0 .09 .12 .15 .20 .25 .31 .38 .46 .55 .65 .75 .87 .98 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.6 1.6 1.5 1.5 1.4
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57 OOOO   0   0 .10 .13 .17 .22 .28 .34 .42 .51 .61 .72 .84 .97 1.0 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.6 1.5
58 OOOO   0   0 .11 .14 .19 .24 .30 .38 .46 .56 .67 .79 .92 1.0 1.2 1.3 1.4 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
59 OOOO   0   0 .12 .16 .20 .26 .33 .41 .50 .61 .73 .86 1.0 1.1 1.3 1.4 1.6 1.7 1.8 2.0 2.1 2.1 2.2 2.2 2.2 2.1 2.1 2.0 1.9
60 OOOO   0   0 .13 .17 .22 .28 .35 .44 .54 .66 .78 .92 1.0 1.2 1.4 1.5 1.7 1.8 2.0 2.1 2.2 2.3 2.3 2.3 2.3 2.3 2.2 2.1 2.0
61 OOOO   0   0 .13 .18 .23 .30 .37 .47 .57 .69 .83 .98 1.1 1.3 1.4 1.6 1.8 1.9 2.1 2.2 2.3 2.4 2.5 2.5 2.5 2.4 2.3 2.2 2.1
62 OOOO   0   0 .14 .19 .24 .31 .39 .49 .60 .72 .86 1.0 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.5 2.6 2.6 2.6 2.5 2.4 2.3 2.2
63 OOOO   0   0 .15 .19 .25 .32 .40 .50 .61 .74 .89 1.0 1.2 1.4 1.5 1.7 1.9 2.1 2.3 2.4 2.5 2.6 2.6 2.7 2.7 2.6 2.5 2.4 2.3
64 OOOO   0   0 .15 .19 .25 .32 .41 .51 .62 .76 .90 1.0 1.2 1.4 1.6 1.8 2.0 2.1 2.3 2.4 2.6 2.6 2.7 2.7 2.7 2.6 2.6 2.4 2.3
65 OOOO   0   0 .15 .20 .25 .33 .41 .51 .63 .76 .91 1.0 1.2 1.4 1.6 1.8 2.0 2.1 2.3 2.4 2.6 2.6 2.7 2.7 2.7 2.7 2.6 2.4 2.3
66 OOOO   0   0 .15 .19 .25 .32 .41 .51 .62 .75 .90 1.0 1.2 1.4 1.6 1.7 1.9 2.1 2.3 2.4 2.5 2.6 2.7 2.7 2.7 2.6 2.5 2.4 2.3
67 OOOO   0   0 .14 .19 .25 .31 .40 .49 .61 .73 .88 1.0 1.2 1.3 1.5 1.7 1.9 2.1 2.2 2.4 2.5 2.6 2.6 2.6 2.6 2.6 2.5 2.4 2.2
68 OOOO   0   0 .14 .18 .24 .30 .38 .48 .58 .71 .85 1.0 1.1 1.3 1.5 1.6 1.8 2.0 2.1 2.3 2.4 2.5 2.5 2.5 2.5 2.5 2.4 2.3 2.1
69 OOOO   0   0 .13 .17 .22 .29 .36 .45 .56 .67 .81 .95 1.1 1.2 1.4 1.6 1.7 1.9 2.0 2.2 2.3 2.3 2.4 2.4 2.4 2.3 2.3 2.2 2.0
70 OOOO   0   0 .12 .16 .21 .27 .34 .43 .52 .63 .76 .89 1.0 1.1 1.3 1.5 1.6 1.8 1.9 2.0 2.1 2.2 2.2 2.3 2.2 2.2 2.1 2.0 1.9
71 OOOO   0   0 .11 .15 .20 .25 .32 .39 .48 .59 .70 .83 .96 1.1 1.2 1.4 1.5 1.6 1.8 1.9 2.0 2.0 2.1 2.1 2.1 2.0 2.0 1.9 1.8
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44  .13 .12 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .01   0   0   0OOOO
45  .17 .15 .14 .12 .11 .09 .08 .07 .06 .04 .04 .03 .02   0   0   0OOOO
46  .22 .20 .18 .16 .14 .12 .10 .09 .07 .06 .05 .04 .03   0   0   0OOOO
47  .27 .25 .23 .20 .18 .16 .13 .11 .09 .08 .06 .05 .04   0   0   0OOOO
48  .35 .32 .29 .26 .23 .20 .17 .14 .12 .10 .08 .06 .05   0   0   0OOOO
49  .43 .39 .36 .32 .28 .24 .21 .18 .15 .12 .10 .08 .06   0   0   0OOOO
50  .52 .48 .44 .39 .34 .30 .26 .22 .18 .15 .12 .10 .08   0   0   0OOOO
51  .63 .58 .53 .47 .41 .36 .31 .26 .22 .18 .15 .12 .09   0   0   0OOOO
52  .75 .69 .63 .56 .49 .43 .37 .31 .26 .22 .18 .14 .11   0   0   0OOOO
53  .89 .81 .74 .66 .58 .51 .43 .37 .31 .25 .21 .17 .13   0   0   0OOOO
54  1.0 .94 .85 .76 .67 .59 .50 .43 .36 .29 .24 .19 .15   0   0   0OOOO
55  1.1 1.0 .98 .87 .77 .67 .58 .49 .41 .34 .27 .22 .17   0   0   0OOOO
56  1.3 1.2 1.1 .99 .87 .76 .65 .55 .46 .38 .31 .25 .20   0   0   0OOOO
57  1.4 1.3 1.2 1.1 .97 .85 .73 .62 .52 .43 .35 .28 .22   0   0   0OOOO
58  1.6 1.4 1.3 1.2 1.0 .93 .80 .68 .57 .47 .38 .31 .24   0   0   0OOOO
59  1.7 1.6 1.4 1.3 1.1 1.0 .87 .74 .62 .51 .41 .33 .26   0   0   0OOOO
60  1.8 1.7 1.5 1.4 1.2 1.0 .93 .79 .66 .55 .44 .36 .28   0   0   0OOOO
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61  2.0 1.8 1.6 1.4 1.3 1.1 .98 .83 .70 .58 .47 .38 .30   0   0   00000
62  2.0 1.9 1.7 1.5 1.3 1.1 1.0 .87 .73 .60 .49 .39 .31   0   0   00000
63  2.1 1.9 1.7 1.6 1.4 1.2 1.0 .90 .75 .62 .51 .41 .32   0   0   00000
64  2.1 2.0 1.8 1.6 1.4 1.2 1.0 .91 .76 .63 .51 .41 .33   0   0   00000
65  2.1 2.0 1.8 1.6 1.4 1.2 1.0 .91 .77 .63 .52 .41 .33   0   0   00000
66  2.1 1.9 1.8 1.6 1.4 1.2 1.0 .91 .76 .63 .51 .41 .33   0   0   00000
67  2.1 1.9 1.7 1.5 1.3 1.2 1.0 .88 .74 .61 .50 .40 .32   0   0   00000
68  2.0 1.8 1.7 1.5 1.3 1.1 1.0 .85 .71 .59 .48 .39 .31   0   0   00000
69  1.9 1.7 1.6 1.4 1.2 1.1 .96 .81 .68 .56 .46 .37 .29   0   0   00000
70  1.8 1.6 1.5 1.3 1.2 1.0 .90 .76 .64 .53 .43 .34 .27   0   0   00000
71  1.6 1.5 1.4 1.2 1.1 .97 .83 .71 .59 .49 .40 .32 .25   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .03 .04 .04 .02   +   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .05 .15 .25 .23 .11 .03   .   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .15 .45 .74 .67 .33 .09   +   .   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .24 .72 1.1 1.0 .53 .14   +   +   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .21 .63 1.0 .94 .46 .12   +   +   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .10 .31 .50 .45 .22 .06 .02   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .04 .11 .22 .32 .33 .25 .14 .05 .01   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .18 .36 .52 .55 .42 .23 .09 .02   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .07 .21 .43 .63 .66 .50 .28 .11 .03   +   +   .   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .06 .18 .37 .54 .57 .44 .24 .09 .02   +   +   +   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .04 .11 .23 .34 .36 .27 .15 .07 .04 .01   +   +   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .06 .12 .20 .26 .29 .26 .20 .12 .06 .02   +   +   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .08 .16 .25 .34 .37 .34 .25 .16 .08 .03   +   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .08 .17 .27 .36 .40 .36 .27 .17 .08 .03   +   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .07 .15 .24 .32 .35 .32 .24 .14 .07 .03 .01   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .05 .10 .17 .23 .25 .23 .17 .11 .07 .04 .02 .01   +
25 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .03 .07 .11 .15 .19 .22 .21 .18 .14 .09 .05 .03 .01   +
26 OOOO   0   0   0   0   0   0   0   0   0   .   +   +   +   + .02 .04 .08 .12 .18 .22 .25 .24 .21 .16 .11 .06 .03 .01   +
27 OOOO   0   0   0   0   0   0   0   0   0   +   +   +   +   + .02 .04 .08 .13 .18 .23 .25 .25 .21 .16 .11 .06 .03 .01   +
28 OOOO   0   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .04 .07 .11 .16 .20 .22 .22 .19 .14 .10 .06 .03 .02 .01
29 OOOO   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .03 .05 .09 .13 .16 .18 .17 .15 .11 .08 .06 .04 .02 .01
30 OOOO   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .02 .04 .06 .09 .12 .14 .16 .16 .15 .13 .10 .07 .04 .03 .01
31 OOOO   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .02 .04 .07 .10 .13 .15 .17 .17 .16 .14 .11 .08 .05 .03 .01
32 OOOO   0   0   0   0   0   0   0   .   +   +   +   +   + .01 .02 .04 .06 .09 .12 .15 .17 .17 .16 .13 .10 .07 .05 .03 .01
33 OOOO   0   0   0   0   0   0   0   +   +   +   +   +   + .01 .02 .04 .06 .09 .11 .14 .15 .15 .14 .12 .09 .07 .04 .03 .02
34 OOOO   0   0   0   0   0   0   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .12 .13 .12 .10 .08 .06 .05 .03 .02
35 OOOO   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .09 .10 .11 .12 .11 .10 .09 .07 .05 .04 .02
36 OOOO   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .09 .11 .12 .12 .12 .11 .09 .07 .05 .04 .02
37 OOOO   0   0   0   0   0   0   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .09 .10 .11 .12 .11 .10 .09 .07 .05 .04 .02
38 OOOO   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .08 .10 .10 .11 .10 .10 .08 .07 .05 .03 .02
39 OOOO   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .09 .09 .09 .08 .07 .06 .05 .04 .03
40 OOOO   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .07 .08 .08 .09 .08 .08 .07 .06 .05 .04 .03
41 OOOO   0   0   0   .   +   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .06 .07 .08 .08 .09 .09 .08 .07 .06 .05 .04 .03
42 OOOO   0   0   0   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .07 .08 .08 .08 .08 .07 .06 .05 .04 .03
43 OOOO   0   0   0   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .08 .08 .08 .07 .07 .06 .05 .04 .03
44 OOOO   0   0   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .04 .04 .05 .06 .07 .07 .07 .07 .06 .05 .04 .04 .03
45 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .06 .06 .06 .06 .05 .05 .04 .03
46 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .06 .06 .06 .06 .05 .05 .04 .03
47 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .06 .06 .06 .06 .06 .06 .05 .04 .04 .03
48 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .06 .06 .06 .05 .05 .04 .03 .03
49 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .05 .05 .05 .05 .05 .04 .04 .03 .03
50 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .04 .04 .03 .03
51 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .05 .05 .04 .04 .03 .03
52 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .05 .05 .05 .04 .04 .04 .03 .03
53 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03 .03
54 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .03
55 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .03 .03
56 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .04 .04 .04 .04 .03 .03 .03 .03
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57 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .04 .04 .04 .03 .03 .03 .03 .02
58 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02
59 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
60 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
61 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
62 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02
63 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .02 .02 .02
64 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
65 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
66 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
67 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
68 OOOO   0   0   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
69 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02
70 OOOO   0   0   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
71 OOOO   0   0   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    +   +   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    +   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
32  .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
33  .01   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
34  .01   +   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
35  .01 .01   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
36  .01 .01   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
37  .01 .01   +   +   +   +   +   0   0   0   0   0   0   0   0   00000
38  .02 .01 .01   +   +   +   +   +   +   0   0   0   0   0   0   00000
39  .02 .01 .01   +   +   +   +   +   +   0   0   0   0   0   0   00000
40  .02 .01 .01   +   +   +   +   +   +   0   0   0   0   0   0   00000
41  .02 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   00000
42  .02 .01 .01   +   +   +   +   +   +   +   +   0   0   0   0   00000
43  .02 .01 .01 .01   +   +   +   +   +   +   +   0   0   0   0   00000
44  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
45  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
46  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
47  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   0   0   00000
48  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
49  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
50  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
51  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
52  .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
53  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
54  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
55  .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
56  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
57  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
58  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
59  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
60  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
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61  .02 .02 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
62  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
63  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
64  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
65  .02 .02 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
66  .02 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
67  .02 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
68  .02 .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   0   0   00000
69  .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
70  .01 .01 .01 .01 .01 .01   +   +   +   +   +   +   +   0   0   00000
71  .01 .01 .01 .01 .01   +   +   +   +   +   +   +   +   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4780.         1877.      0.5314E+07  0.5312E+07   2323.      0.0000E+00   13.50      0.000000E+00
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FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....
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TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR),   14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .09 .08 .04 .01   +   +   .   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .33 .97 1.5 1.4 .71 .19 .03   +   +   .   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .58 3.0 9.1  15  13 6.7 1.8 .28 .02   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .31 3.0  16  48  78  70  35  10 1.4 .12   +   +   .   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .90 8.6  46 142 246 218 102  28 4.2 .35 .01   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.4  14  74 240 464 399 168  44 6.7 .57 .02   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .07 1.2  12  65 208 389 337 147  39 5.9 .50 .02   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .62 5.9  32  95 160 143  69  19 2.9 .24 .01   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .17 1.6 8.5  25  41  37  19 5.1 .81 .07   +   +   .   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .28 1.3 3.9 6.4 5.9 3.0 .91 .17 .02   +   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .07 .24 .61 .99 .98 .60 .25 .08 .02   +   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .13 .29 .45 .48 .34 .18 .07 .02   +   +   +   .
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .04 .10 .19 .29 .31 .24 .14 .06 .02   +   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .07 .14 .20 .22 .18 .12 .06 .02 .01   +   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .07 .12 .17 .19 .17 .12 .06 .03 .01   +   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .07 .12 .17 .19 .17 .12 .07 .03 .01   +   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .11 .15 .17 .15 .11 .07 .03 .01   +   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .06 .09 .12 .14 .13 .10 .06 .03 .01   +   +   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .10 .11 .11 .08 .06 .03 .02 .01   +   +
26 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .09 .10 .09 .08 .05 .03 .02 .01   +   +
27 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .08 .09 .08 .07 .05 .03 .02 .01   +   +
28 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .05 .07 .08 .08 .07 .05 .03 .02 .01   +   +
29 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .03 .02 .01   +   +
30 OOOO   0   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .06 .05 .04 .03 .02 .01   +   +
31 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .05 .04 .03 .02 .01   +   +
32 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .04 .04 .03 .02 .01 .01   +
33 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
34 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .02 .02 .01 .01   +
35 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .03 .03 .02 .02 .01 .01   +
36 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
37 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .03 .02 .02 .02 .01 .01   +
38 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
39 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01   +
40 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01   +
41 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01 .01   +
42 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01 .01   +
43 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01 .01   +
44 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
45 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
46 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
47 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
48 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
49 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
50 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +
51 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +
52 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01   +   +   +   +
53 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +
54 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
29    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
31    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
32    +   +   +   +   +   +   .   .   .   .   .   .   .   .   0   00000
33    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
34    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
35    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
36    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
37    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
38    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
39    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
40    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
41    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
42    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
43    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
45    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
46    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
47    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
48    +   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
49    +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
50    +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
51    +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
52    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
53    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
54    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
55    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
56    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
57    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
58    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
59    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
60    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
```

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61    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
62    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
63    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
64    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
65    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
70    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .0000
71    +   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   .   .   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .02 .04 .04 .02   +   +   .   .   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .14 .23 .21 .10 .02   +   +   .   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .13 .42 .73 .65 .30 .08 .01   +   .   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .04 .22 .72 1.3 1.1 .50 .13 .02   +   .   .   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .19 .62 1.1 1.0 .44 .11 .01   +   .   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .09 .28 .48 .43 .20 .05   +   +   .   .   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .07 .12 .11 .05 .01   +   +   .   .   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .01 .01   +   +   +   .   .   .   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   .   .   .   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
25 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
26 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
27 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
31 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .   .
32 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
33 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
34 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .
35 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .
36 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .
37 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   .   .   .   .   .   .   .
38 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
39 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
40 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
41 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
42 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
43 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
44 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
45 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
46 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
47 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
48 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
49 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
54 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
55 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
56 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
57 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
58 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
59 0000   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
```

```
60 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
61 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
62 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
39    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
40    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
41    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
42    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
43    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
44    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
45    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
46    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
47    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
48    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
49    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
50    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
51    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
52    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
53    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
54    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
55    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
56    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
57    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
58    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
59    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
60    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
```

```
61    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
63    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
64    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
65    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
66    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
67    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
68    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
69    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
70    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
71    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.819E+01        1575.     1650.
2.00       0.0       0.164E+00        2625.     1725.
3.00       0.0       0.467E-02        3675.     1800.
4.00       0.0       0.162E-03        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.702E+02        1575.     1650.
2.00       0.0       0.122E+02        2625.     1725.
3.00       0.0       0.299E+01        3675.     1800.
4.00       0.0       0.896E+00        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  copper


                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID      X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)       (FT)      (FT)
0.33       0.0        0.320E-04      0.261E-02      825.     1575.
0.67       0.0        0.180E-04      0.260E-02     1200.     1650.
1.00       0.0        0.109E-04      0.259E-02     1575.     1650.
1.33       0.0        0.692E-05      0.259E-02     1950.     1650.
1.67       0.0        0.474E-05      0.258E-02     2250.     1725.
2.00       0.0        0.339E-05      0.258E-02     2625.     1725.
2.33       0.0        0.249E-05      0.258E-02     3000.     1725.
2.67       0.0        0.188E-05      0.258E-02     3375.     1800.
3.00       0.0        0.145E-05      0.258E-02     3675.     1800.
3.33       0.0        0.115E-05      0.258E-02     4050.     1800.
3.67       0.0        0.920E-06      0.258E-02     4425.     1875.
4.00       0.0        0.750E-06      0.258E-02     4800.     1875.




0.33       6.8        0.118E-03      0.270E-02      825.     1575.
0.67       6.8        0.664E-04      0.265E-02     1200.     1650.
1.00       6.8        0.404E-04      0.262E-02     1575.     1650.
1.33       6.8        0.256E-04      0.261E-02     1950.     1650.
1.67       6.8        0.175E-04      0.260E-02     2250.     1725.
2.00       6.8        0.125E-04      0.259E-02     2625.     1725.
2.33       6.8        0.919E-05      0.259E-02     3000.     1725.
2.67       6.8        0.693E-05      0.259E-02     3375.     1800.
3.00       6.8        0.537E-05      0.259E-02     3675.     1800.
3.33       6.8        0.424E-05      0.258E-02     4050.     1800.
3.67       6.8        0.340E-05      0.258E-02     4425.     1875.
4.00       6.8        0.277E-05      0.258E-02     4800.     1875.
```

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           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³       1200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       2400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       3600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       4800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       6000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       7200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       8400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       9600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      10800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      12000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      13200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      14400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
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```
GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
```

```
DEPTH GRID, FEET:

 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
  1    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  2    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  3    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  4    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  5    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  6    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  7    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  8    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
  9    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 10    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 11    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 12    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 13    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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 58    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 67 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                  FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
  1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
  2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 14  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 15  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 16  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
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MODEL COEFFICIENTS READ FROM INPUT:

         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350

         SETTLING COEFFICIENT                      BETA   =    0.0000

         APPARENT MASS COEFFICIENT                 CM     =    1.0000

         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000

         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500

         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000

         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100

         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000

         DRAG FOR A PLATE                          CD4    =    1.0000

         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000

         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100

         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010

         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250

         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
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MATERIAL DESCRIPTION:    4 SOLIDS FRACTIONS


                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.1850E-01    0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.1499        0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.5900E-01    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clumps      1.600        0.2275        3.00000    0.4000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =   99.00     LBS/SQ. FT.
               SEDIMENT FRACTION WILL NOT BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF copper   FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF copper   IS  0.665000E-02 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.2580000E-02 MG/L.

         THE WATER QUALITY STANDARD FOR copper   IS  0.3100000E-02 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.000        0.5451
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS   72.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.23666667E-01 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  235.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.54       500.0       1575.       123.6       9.291      0.6767E-01   140.1      0.0000E+00        24               1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  31.09       499.7       1575.       137.3       9.359      0.5698       2.383      0.0000E+00        47              24

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  31.63       499.5       1575.       151.3       9.929      0.4586       2.134      0.0000E+00        70              47

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  32.18       499.4       1575.       163.7       10.39      0.3367       1.710      0.0000E+00        93              70

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  32.72       499.2       1575.       174.2       10.72      0.2440       1.325      0.0000E+00       116              93

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  33.27       499.1       1575.       182.8       10.97      0.1815       1.038      0.0000E+00       139             116

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  33.81       499.1       1575.       190.1       11.15      0.1404      0.8352      0.0000E+00       162             139

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  34.35       499.0       1575.       196.3       11.29      0.1129      0.6941      0.0000E+00       185             162

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  34.90       499.0       1575.       201.8       11.40      0.9417E-01  0.5948      0.0000E+00       208             185

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  35.44       499.0       1575.       206.8       11.50      0.8092E-01  0.5234      0.0000E+00       231             208

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   11
  35.54       499.0       1575.       207.7       10.19       3.312       847.7      0.0000E+00       235             231


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.54       500.0       1575.       123.6       9.291      0.6767E-01   1135.      0.0000E+00        24              1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  31.09       499.7       1575.       137.3       9.359      0.5698       19.31      0.0000E+00        47             24

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  31.63       499.5       1575.       151.3       9.929      0.4586       17.29      0.0000E+00        70             47

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  32.18       499.4       1575.       163.7       10.39      0.3367       13.86      0.0000E+00        93             70

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  32.72       499.2       1575.       174.2       10.72      0.2440       10.74      0.0000E+00       116             93

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  33.27       499.1       1575.       182.8       10.97      0.1815       8.406      0.0000E+00       139            116

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  33.81       499.1       1575.       190.1       11.15      0.1404       6.765      0.0000E+00       162            139

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  34.35       499.0       1575.       196.3       11.29      0.1129       5.626      0.0000E+00       185            162

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  34.90       499.0       1575.       201.8       11.40      0.9417E-01   4.820      0.0000E+00       208            185

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  35.44       499.0       1575.       206.8       11.50      0.8092E-01   4.242      0.0000E+00       231            208

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   11
  35.54       499.0       1575.       207.7       10.19       3.312       6869.      0.0000E+00       235            231


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     1
  30.54       500.0       1575.       123.6       9.291      0.6767E-01   446.7      0.0000E+00        24              1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     2
  31.09       499.7       1575.       137.3       9.359      0.5698       7.601      0.0000E+00        47             24

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     3
  31.63       499.5       1575.       151.3       9.929      0.4586       6.806      0.0000E+00        70             47

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     4
  32.18       499.4       1575.       163.7       10.39      0.3367       5.455      0.0000E+00        93             70

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     5
  32.72       499.2       1575.       174.2       10.72      0.2440       4.227      0.0000E+00       116             93

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     6
  33.27       499.1       1575.       182.8       10.97      0.1815       3.309      0.0000E+00       139            116

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     7
  33.81       499.1       1575.       190.1       11.15      0.1404       2.663      0.0000E+00       162            139

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     8
  34.35       499.0       1575.       196.3       11.29      0.1129       2.214      0.0000E+00       185            162

NEW CLOUD CREATED, NTCLD(K) (K =     3) =     9
  34.90       499.0       1575.       201.8       11.40      0.9417E-01   1.897      0.0000E+00       208            185

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    10
  35.44       499.0       1575.       206.8       11.50      0.8092E-01   1.670      0.0000E+00       231            208

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    11
  35.54       499.0       1575.       207.7       10.19       3.312       2703.      0.0000E+00       235            231


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  30.54       500.0       1575.       123.6       13.50      0.1000E-02   3949.      0.0000E+00        24               1

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    2
  31.09       499.7       1575.       137.3       13.50      0.1000E-02   3128.      0.0000E+00        47              24

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    3
  31.63       499.5       1575.       151.3       13.50      0.1000E-02   2120.      0.0000E+00        70              47

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    4
  32.18       499.4       1575.       163.7       13.50      0.1000E-02   1343.      0.0000E+00        93              70

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    5
  32.72       499.2       1575.       174.2       13.50      0.1000E-02   798.7      0.0000E+00       116              93

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    6
  33.27       499.1       1575.       182.8       13.50      0.1000E-02   450.2      0.0000E+00       139             116

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    7
  33.81       499.1       1575.       190.1       13.50      0.1000E-02   243.2      0.0000E+00       162             139

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    8
  34.35       499.0       1575.       196.3       13.50      0.1000E-02   126.9      0.0000E+00       185             162

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    9
  34.90       499.0       1575.       201.8       13.50      0.1000E-02   64.40      0.0000E+00       208             185

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   10
  35.44       499.0       1575.       206.8       13.50      0.1000E-02   31.89      0.0000E+00       231             208

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   11
  35.54       499.0       1575.       207.7       10.19       3.312       29.13      0.0000E+00       235             231


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )     (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =    5) =    1
  35.54       499.0       1575.       207.7       10.19       3.312       8554.       3012.           235               1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     999.00



     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

```
BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .11 .09 .04   +   +   .   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .25 .98 1.8 1.5 .67 .13 .01   +   .   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .24 1.9 7.8  15  13 5.2 1.0 .10   +   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .92 7.5  31  61  53  20 3.9 .37 .01   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .09 1.6  14  59 125 106  38 7.0 .66 .03   +   .   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.3  12  49 103  88  32 5.9 .56 .02   +   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .56 4.6  19  36  31  12 2.4 .23 .01   +   .   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .10 .88 3.4 6.3 5.6 2.3 .46 .04   +   .   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .08 .31 .58 .51 .21 .04   +   +   .   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY  0.1000E-01     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .05 .04 .01   +   +   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .22 .41 .36 .15 .02   +   +   .   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .21 .87 1.7 1.5 .58 .11 .01   +   .   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .38 1.6 3.5 3.0 1.0 .20 .01   +   .   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .32 1.4 2.9 2.4 .91 .17 .01   +   .   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .13 .52 1.0 .88 .35 .06   +   +   .   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .09 .18 .15 .06 .01   +   .   .   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   .   .   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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    BEGIN LONG TERM SIMULATION OF FATE OF Silt




SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     140.31
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7954.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     55.287
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8039.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     22.548
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8072.0
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   + .01   +   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .03 .04 .05 .04 .03 .01   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .08 .14 .20 .22 .20 .14 .08 .03 .01   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .12 .27 .48 .69 .78 .69 .48 .27 .12 .04   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .11 .33 .74 1.3 1.9 2.1 1.9 1.3 .74 .32 .11   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .07 .25 .71 1.6 3.0 4.3 4.9 4.3 3.0 1.6 .71 .25   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .12 .43 1.2 2.8 5.3 7.7 8.7 7.7 5.3 2.8 1.2 .42   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .16 .58 1.7 3.9 7.4  11  12  11 7.4 3.9 1.7 .58   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .17 .63 1.8 4.3 8.0  12  13  12 8.0 4.3 1.8 .63   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .15 .53 1.5 3.6 6.7  10  11  10 6.7 3.6 1.5 .53   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .10 .36 1.0 2.4 4.4 6.5 7.3 6.4 4.4 2.4 1.0 .36   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .05 .19 .55 1.2 2.3 3.3 3.7 3.3 2.3 1.2 .55 .19   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .23 .53 .96 1.3 1.5 1.3 .96 .53 .23 .08   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .08 .17 .32 .45 .51 .45 .32 .17 .08 .02   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .48 .88 .78 .32 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .25 2.0 7.8  15  13 5.3 1.0 .10   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 1.9  16  62 116 102  42 8.3 .80 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .43 7.3  60 246 487 421 163  31 2.9 .13   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .77  13 109 472 996 846 305  56 5.3 .24   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .66  11  92 394 820 699 256  48 4.5 .21   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .27 4.5  37 148 286 249  99  19 1.9 .10   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 1.0 7.5  29  53  47  20 4.4 .58 .06   +   +   .   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .34 1.6 5.0 8.8 8.6 4.8 1.7 .46 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .34 1.2 3.3 5.6 6.0 4.1 1.8 .55 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.7 4.5 4.9 3.4 1.5 .51 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .22 .71 1.6 2.7 2.9 2.1 1.0 .40 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .17 .48 1.0 1.5 1.7 1.3 .79 .36 .13 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .17 .43 .83 1.2 1.3 1.1 .78 .40 .16 .05 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .42 .79 1.1 1.3 1.1 .78 .41 .17 .06 .01   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .05 .15 .35 .65 .96 1.0 .95 .65 .35 .15 .05 .01   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .03 .10 .23 .43 .62 .71 .62 .43 .23 .10 .03   +   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .12 .22 .32 .36 .32 .22 .12 .05 .01   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .05 .09 .13 .14 .13 .09 .05 .02   +   +   +   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .03 .04 .04 .04 .03 .01   +   +   +   +   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   +   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   .   .   .   .   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       1.588      0.0000E+00   435.4      0.0000E+00   13.50      0.100000E-01
  2        1563.         1650.       1.229      0.0000E+00   457.2      0.0000E+00   13.50      0.100000E-01
  3        1563.         1650.       1.037      0.0000E+00   479.1      0.0000E+00   13.50      0.100000E-01
  4        1563.         1650.      0.8205      0.0000E+00   498.2      0.0000E+00   13.50      0.100000E-01
  5        1562.         1650.      0.6312      0.0000E+00   513.9      0.0000E+00   13.50      0.100000E-01
  6        1562.         1650.      0.4945      0.0000E+00   526.7      0.0000E+00   13.50      0.100000E-01
  7        1562.         1650.      0.3970      0.0000E+00   537.4      0.0000E+00   13.50      0.100000E-01
  8        1562.         1650.      0.3360      0.0000E+00   546.5      0.0000E+00   13.50      0.100000E-01
  9        1561.         1650.      0.2856      0.0000E+00   554.5      0.0000E+00   13.50      0.100000E-01
 10        1561.         1650.      0.2423      0.0000E+00   561.7      0.0000E+00   13.50      0.100000E-01
 11        1561.         1650.       15.49      0.0000E+00   562.9      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     9.1960
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8085.4




SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     3.7505
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8090.8




SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.5296
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8093.1

    MAX CONC IS 0.00000010 OUTPUT SUPPRESSED AT    0.00 FT
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .48 .88 .78 .32 .06   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .25 2.0 7.8  15  13 5.3 1.0 .10   +   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 1.9  16  62 116 102  42 8.3 .80 .03   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .43 7.3  60 246 487 421 163  31 2.9 .13   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .77  13 109 472 996 846 305  56 5.3 .24   +   .   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .66  11  92 394 820 699 256  48 4.5 .21   +   +   .   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .27 4.5  37 148 286 249  99  19 1.9 .10   +   +   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 1.0 7.5  29  53  47  20 4.4 .58 .06   +   +   .   .
16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .34 1.6 5.0 8.8 8.6 4.8 1.7 .46 .09 .01   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .06 .34 1.2 3.3 5.6 6.0 4.1 1.8 .55 .12 .02   +   +   .
18 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.7 4.5 4.9 3.4 1.5 .51 .12 .02   +   +   +
19 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .71 1.6 2.7 2.9 2.1 1.0 .40 .12 .03   +   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .48 1.0 1.5 1.7 1.3 .80 .37 .14 .04 .01   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .44 .85 1.2 1.4 1.2 .81 .42 .18 .06 .01   +   +
22 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .19 .45 .84 1.2 1.3 1.2 .84 .45 .20 .07 .02   +   +
23 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .40 .73 1.0 1.2 1.0 .75 .42 .19 .07 .02   +   +
24 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .31 .56 .80 .90 .81 .59 .34 .17 .07 .02   +   +
25 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .05 .12 .24 .40 .56 .64 .59 .45 .28 .15 .07 .03 .01   +
26 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .10 .19 .31 .42 .48 .46 .36 .25 .14 .07 .03 .01   +
27 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .17 .26 .35 .40 .39 .32 .22 .14 .07 .03 .01   +
28 0000   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .30 .34 .33 .28 .20 .13 .07 .03 .01   +
29 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .27 .23 .17 .11 .06 .03 .01   +
30 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .14 .19 .21 .21 .18 .14 .09 .06 .03 .01   +
31 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .11 .14 .16 .16 .14 .11 .08 .05 .03 .01   +
32 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .09 .11 .13 .13 .12 .09 .07 .04 .02 .01   +
33 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .09 .08 .06 .04 .02 .01   +
34 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .01 .03 .04 .06 .07 .08 .08 .08 .06 .05 .03 .02 .01   +
35 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .06 .06 .06 .05 .04 .03 .02 .01   +
36 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .02 .03 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .03 .03 .02 .02 .01   +   +
38 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .02 .02 .02 .01 .01   +   +
39 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .01 .01 .01   +   +   +
40 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
41 0000   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +   +
42 0000   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 0000   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 0000   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
48 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
49 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
24    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
30    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
33    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
34    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
38    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
39    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
40    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
41    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
42    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
43    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
44    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
45    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
46    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
47    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
48    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.1077      0.0000E+00   875.0      0.0000E+00   13.50      0.100000E-01
  2        2636.         1726.      0.8339E-01  0.0000E+00   903.0      0.0000E+00   13.50      0.100000E-01
  3        2636.         1726.      0.7035E-01  0.0000E+00   930.9      0.0000E+00   13.50      0.100000E-01
  4        2635.         1726.      0.5566E-01  0.0000E+00   955.0      0.0000E+00   13.50      0.100000E-01
  5        2635.         1726.      0.4282E-01  0.0000E+00   974.8      0.0000E+00   13.50      0.100000E-01
  6        2635.         1726.      0.3355E-01  0.0000E+00   990.9      0.0000E+00   13.50      0.100000E-01
  7        2635.         1726.      0.2693E-01  0.0000E+00   1004.      0.0000E+00   13.50      0.100000E-01
  8        2634.         1725.      0.2279E-01  0.0000E+00   1016.      0.0000E+00   13.50      0.100000E-01
  9        2634.         1725.      0.1937E-01  0.0000E+00   1026.      0.0000E+00   13.50      0.100000E-01
 10        2634.         1725.      0.1644E-01  0.0000E+00   1035.      0.0000E+00   13.50      0.100000E-01
 11        2634.         1725.       1.051      0.0000E+00   1036.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.62383
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.0




SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.25442
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.3




SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.10376
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.5

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .48 .88 .78 .32 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .25 2.0 7.8  15  13 5.3 1.0 .10   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 1.9  16  62 116 102  42 8.3 .80 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .43 7.3  60 246 487 421 163  31 2.9 .13   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .77  13 109 472 996 846 305  56 5.3 .24   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .66  11  92 394 820 699 256  48 4.5 .21   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .27 4.5  37 148 286 249  99  19 1.9 .10   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 1.0 7.5  29  53  47  20 4.4 .58 .06   +   +   .   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .34 1.6 5.0 8.8 8.6 4.8 1.7 .46 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .06 .34 1.2 3.3 5.6 6.0 4.1 1.8 .55 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.7 4.5 4.9 3.4 1.5 .51 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .71 1.6 2.7 2.9 2.1 1.0 .40 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .48 1.0 1.5 1.7 1.3 .80 .37 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .44 .85 1.2 1.4 1.2 .81 .42 .18 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .19 .45 .84 1.2 1.3 1.2 .84 .45 .20 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .40 .73 1.0 1.2 1.0 .75 .42 .19 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .31 .56 .80 .90 .81 .59 .34 .17 .07 .02   +   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .05 .12 .24 .40 .56 .64 .59 .45 .28 .15 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .10 .19 .31 .42 .48 .46 .36 .25 .14 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .17 .26 .35 .40 .39 .32 .22 .14 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .30 .34 .33 .28 .20 .13 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .27 .23 .17 .11 .06 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .14 .19 .21 .21 .18 .14 .09 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .11 .14 .16 .16 .14 .11 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .09 .11 .13 .13 .12 .09 .07 .04 .02 .01   +
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .03 .04 .06 .07 .08 .08 .08 .07 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
45 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .
62 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
45    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
46    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
47    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
48    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
52    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
53    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
54    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   00000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   00000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   0   00000
57    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   00000
58    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
59    +   +   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
60    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
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61    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
63    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
64    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
65    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0OOOO
66    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
67    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
68    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
69    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3709.         1801.      0.7308E-02  0.0000E+00   1414.      0.0000E+00   13.50      0.100000E-01
  2        3709.         1801.      0.5657E-02  0.0000E+00   1447.      0.0000E+00   13.50      0.100000E-01
  3        3708.         1801.      0.4772E-02  0.0000E+00   1480.      0.0000E+00   13.50      0.100000E-01
  4        3708.         1801.      0.3776E-02  0.0000E+00   1508.      0.0000E+00   13.50      0.100000E-01
  5        3708.         1801.      0.2905E-02  0.0000E+00   1531.      0.0000E+00   13.50      0.100000E-01
  6        3708.         1801.      0.2276E-02  0.0000E+00   1550.      0.0000E+00   13.50      0.100000E-01
  7        3707.         1801.      0.1827E-02  0.0000E+00   1566.      0.0000E+00   13.50      0.100000E-01
  8        3707.         1801.      0.1546E-02  0.0000E+00   1579.      0.0000E+00   13.50      0.100000E-01
  9        3707.         1801.      0.1314E-02  0.0000E+00   1591.      0.0000E+00   13.50      0.100000E-01
 10        3707.         1801.      0.1115E-02  0.0000E+00   1601.      0.0000E+00   13.50      0.100000E-01
 11        3707.         1801.      0.7127E-01  0.0000E+00   1603.      0.0000E+00   13.50      0.100000E-01





SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.42318E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.5





SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.17259E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.6





SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.70389E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     8094.6

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .48 .88 .78 .32 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .25 2.0 7.8  15  13 5.3 1.0 .10   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 1.9  16  62 116 102  42 8.3 .80 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .43 7.3  60 246 487 421 163  31 2.9 .13   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .77  13 109 472 996 846 305  56 5.3 .24   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .66  11  92 394 820 699 256  48 4.5 .21   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .27 4.5  37 148 286 249  99  19 1.9 .10   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 1.0 7.5  29  53  47  20 4.4 .58 .06   +   +   .   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .34 1.6 5.0 8.8 8.6 4.8 1.7 .46 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .06 .34 1.2 3.3 5.6 6.0 4.1 1.8 .55 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.7 4.5 4.9 3.4 1.5 .51 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .71 1.6 2.7 2.9 2.1 1.0 .40 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .48 1.0 1.5 1.7 1.3 .80 .37 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .44 .85 1.2 1.4 1.2 .81 .42 .18 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .19 .45 .84 1.2 1.3 1.2 .84 .45 .20 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .40 .73 1.0 1.2 1.0 .75 .42 .19 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .31 .56 .80 .90 .81 .59 .34 .17 .07 .02   +   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .05 .12 .24 .40 .56 .64 .59 .45 .28 .15 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .10 .19 .31 .42 .48 .46 .36 .25 .14 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .17 .26 .35 .40 .39 .32 .22 .14 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .30 .34 .33 .28 .20 .13 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .27 .23 .17 .11 .06 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .14 .19 .21 .21 .18 .14 .09 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .11 .14 .16 .16 .14 .11 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .09 .11 .13 .13 .12 .09 .07 .04 .02 .01   +
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .03 .04 .06 .07 .08 .08 .08 .07 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD        DISTANCE FROM           DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.4957E-03  0.0000E+00   2037.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.3838E-03  0.0000E+00   2074.      0.0000E+00   13.50      0.100000E-01
  3        4781.         1877.      0.3237E-03  0.0000E+00   2111.      0.0000E+00   13.50      0.100000E-01
  4        4781.         1877.      0.2561E-03  0.0000E+00   2143.      0.0000E+00   13.50      0.100000E-01
  5        4781.         1877.      0.1970E-03  0.0000E+00   2169.      0.0000E+00   13.50      0.100000E-01
  6        4780.         1877.      0.1544E-03  0.0000E+00   2191.      0.0000E+00   13.50      0.100000E-01
  7        4780.         1877.      0.1239E-03  0.0000E+00   2208.      0.0000E+00   13.50      0.100000E-01
  8        4780.         1877.      0.1049E-03  0.0000E+00   2223.      0.0000E+00   13.50      0.100000E-01
  9        4780.         1877.      0.8914E-04  0.0000E+00   2236.      0.0000E+00   13.50      0.100000E-01
 10        4780.         1877.      0.7563E-04  0.0000E+00   2248.      0.0000E+00   13.50      0.100000E-01
 11        4780.         1877.      0.4835E-02  0.0000E+00   2250.      0.0000E+00   13.50      0.100000E-01
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .02 .02   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .12 .48 .88 .78 .32 .06   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .25 2.0 7.8  15  13 5.3 1.0 .10   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .11 1.9  16  62 116 102  42 8.3 .80 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .43 7.3  60 246 487 421 163  31 2.9 .13   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .77  13 109 472 996 846 305  56 5.3 .24   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .66  11  92 394 820 699 256  48 4.5 .21   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .27 4.5  37 148 286 249  99  19 1.9 .10   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 1.0 7.5  29  53  47  20 4.4 .58 .06   +   +   .   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .05 .34 1.6 5.0 8.8 8.6 4.8 1.7 .46 .09 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .06 .34 1.2 3.3 5.6 6.0 4.1 1.8 .55 .12 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .30 1.0 2.7 4.5 4.9 3.4 1.5 .51 .12 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .22 .71 1.6 2.7 2.9 2.1 1.0 .40 .12 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .05 .18 .48 1.0 1.5 1.7 1.3 .80 .37 .14 .04 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .18 .44 .85 1.2 1.4 1.2 .81 .42 .18 .06 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .19 .45 .84 1.2 1.3 1.2 .84 .45 .20 .07 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .06 .18 .40 .73 1.0 1.2 1.0 .75 .42 .19 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .14 .31 .56 .80 .90 .81 .59 .34 .17 .07 .02   +   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .05 .12 .24 .40 .56 .64 .59 .45 .28 .15 .07 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .10 .19 .31 .42 .48 .46 .36 .25 .14 .07 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .09 .17 .26 .35 .40 .39 .32 .22 .14 .07 .03 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .14 .22 .30 .34 .33 .28 .20 .13 .07 .03 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .18 .24 .27 .27 .23 .17 .11 .06 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .14 .19 .21 .21 .18 .14 .09 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .05 .08 .11 .14 .16 .16 .14 .11 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .06 .09 .11 .13 .13 .12 .09 .07 .04 .02 .01   +
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .10 .10 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .03 .04 .06 .07 .08 .08 .08 .07 .05 .03 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .03 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .02 .02 .02 .01 .01   +   +
40 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
```

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61     +    +    +    +    +    .    .    .    .    .    .    .    .    .    .    .0000
62     +    +    +    +    .    .    .    .    .    .    .    .    .    .    .    .0000
63     +    +    +    +    .    .    .    .    .    .    .    .    .    .    .    .0000
64     +    +    +    .    .    .    .    .    .    .    .    .    .    .    .    .0000
65     +    +    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
66     +    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
67     .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
68     .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
69     .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
70     .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
71     .    .    .    .    .    .    .    .    .    .    .    .    .    .    .    .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .11 .09 .04   +   +   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .24 .47 .41 .15 .03   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .10 .46 .97 .82 .29 .05   +   +   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .38 .80 .68 .25 .04   +   +   .   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .14 .27 .24 .09 .01   +   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .05 .04 .01   +   +   .   .   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   .   .   .   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   .   .   .   .   .   .
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   .   .   .   .   .   .   .
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1351.5
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1834.5




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     562.96
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2623.0




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     439.38
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2746.6
```

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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   +   + .02 .05 .08 .11 .12 .11 .07 .04 .01   +   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .12 .26 .45 .61 .67 .58 .40 .22 .09 .03   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .20 .53 1.1 1.9 2.6 2.8 2.4 1.7 .94 .42 .14   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .20 .67 1.8 3.8 6.4 8.8  10 8.3 5.7 3.2 1.4 .50   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .02 .13 .55 1.8 4.8  10  18  24  26  23  16 8.7 3.8 1.3   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .05 .28 1.1 3.9  11  23  39  54  59  51  35  19 8.4 2.9   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .09 .49 2.0 6.9  19  41  72 100 110  95  64  35  15 5.2   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .13 .69 2.9  10  27  61 110 156 173 148  99  52  22 7.4   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .14 .77 3.2  11  32  74 138 202 225 192 125  64  26 8.5   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .13 .69 2.9  10  31  74 141 210 237 201 129  63  25 7.9   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .09 .49 2.1 7.7  23  57 113 170 193 163 103  50  19 5.9   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .05 .28 1.2 4.5  14  35  69 104 119 100  63  30  11 3.5   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .02 .13 .58 2.1 6.4  16  32  48  55  46  29  14 5.3 1.6   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .21 .77 2.3 5.7  11  17  19  16  10 5.0 1.9 .61   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .22 .67 1.6 3.0 4.5 5.1 4.4 2.8 1.4 .56 .18   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .15 .36 .68 .99 1.1 .95 .63 .32 .13 .04   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .11 .21 .18 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .48 1.8 3.4 3.0 1.2 .25 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .47 3.8  15  28  24  10 2.0 .19   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  14  58 113  98  39 7.5 .73 .03   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .20 3.2  26 110 226 193  72  14 1.4 .09   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .25 3.1  23  95 191 165  64  13 1.7 .19 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .34 2.4  13  45  83  75  35  10 2.2 .42 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .56 2.8  11  28  46  46  29  12 3.6 .81 .12 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .75 3.6  13  30  50  52  35  16 4.9 1.1 .18 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .73 3.4  12  28  45  48  32  15 4.7 1.1 .21 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .10 .55 2.3 7.6  18  28  30  21  10 3.3 .91 .20 .04   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .09 .39 1.4 4.0 8.7  13  14  10 5.5 2.2 .73 .20 .05 .01   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .30 .94 2.3 4.6 6.7 7.3 5.8 3.5 1.6 .64 .20 .05 .01   +
21 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .24 .70 1.6 3.1 4.5 5.0 4.1 2.6 1.3 .54 .18 .04 .01   +
22 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .04 .17 .49 1.1 2.1 3.1 3.5 3.0 1.9 .98 .39 .13 .03   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .09 .28 .67 1.2 1.8 2.1 1.7 1.1 .58 .23 .07 .02   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .04 .13 .31 .58 .85 .96 .82 .53 .26 .10 .03   +   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .11 .20 .30 .33 .29 .18 .09 .03 .01   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .05 .08 .09 .08 .05 .02 .01   +   +   +   .
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01 .02 .01 .01   +   +   +   +   .   .
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   .   .   .   .   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1521.         1647.       109.6      0.0000E+00   435.4      0.0000E+00   13.50      0.200000E-02
  2        1563.         1650.       4.474      0.0000E+00   457.2      0.0000E+00   13.50      0.200000E-02
  3        1563.         1650.       3.999      0.0000E+00   479.1      0.0000E+00   13.50      0.200000E-02
  4        1563.         1650.       3.201      0.0000E+00   498.2      0.0000E+00   13.50      0.200000E-02
  5        1562.         1650.       2.453      0.0000E+00   513.9      0.0000E+00   13.50      0.200000E-02
  6        1562.         1650.       1.918      0.0000E+00   526.7      0.0000E+00   13.50      0.200000E-02
  7        1562.         1650.       1.539      0.0000E+00   537.4      0.0000E+00   13.50      0.200000E-02
  8        1562.         1650.       1.281      0.0000E+00   546.5      0.0000E+00   13.50      0.200000E-02
  9        1561.         1650.       1.097      0.0000E+00   554.5      0.0000E+00   13.50      0.200000E-02
 10        1561.         1650.      0.9626      0.0000E+00   561.7      0.0000E+00   13.50      0.200000E-02
 11        1420.         1640.       308.8      0.0000E+00   562.9      0.2463       13.25      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     367.68
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2818.3




SUMMARY OF Clay     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     307.70
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2878.3




SUMMARY OF Clay     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     257.50
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2928.5
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .14 .20 .27 .34 .40 .44 .45 .43 .39 .33 .26 .19 .13 .08
24 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .06 .11 .19 .29 .42 .56 .71 .83 .91 .94 .90 .80 .67 .53 .39 .27 .17
25 OOOO   0   0   0   0   0   0   0   0   0   0 .03 .07 .13 .22 .37 .57 .81 1.0 1.3 1.6 1.7 1.8 1.7 1.5 1.3 1.0 .75 .51 .33
26 OOOO   0   0   0   0   0   0   0   0   0   0 .06 .12 .23 .41 .67 1.0 1.4 1.9 2.4 2.9 3.2 3.2 3.1 2.8 2.3 1.8 1.3 .93 .60
27 OOOO   0   0   0   0   0   0   0   0   0   0 .10 .21 .39 .69 1.1 1.7 2.5 3.3 4.2 5.0 5.4 5.6 5.4 4.8 4.0 3.1 2.3 1.5 1.0
28 OOOO   0   0   0   0   0   0   0   0   0   0 .16 .33 .62 1.0 1.8 2.7 4.0 5.4 6.8 8.0 8.8 9.0 8.7 7.8 6.5 5.0 3.7 2.5 1.6
29 OOOO   0   0   0   0   0   0   0   0   0   0 .24 .49 .92 1.6 2.6 4.1 6.0 8.1  10  12  13  14  13  12  10 7.6 5.5 3.8 2.4
30 OOOO   0   0   0   0   0   0   0   0   0   0 .34 .68 1.2 2.2 3.7 5.8 8.5  12  15  17  19  20  19  17  14  11 7.9 5.3 3.3
31 OOOO   0   0   0   0   0   0   0   0   0   0 .44 .88 1.6 2.9 4.9 7.7  11  15  20  23  26  26  25  23  19  15  11 7.0 4.4
32 OOOO   0   0   0   0   0   0   0   0   0   0 .53 1.0 2.0 3.6 6.1  10  14  19  25  29  32  33  32  28  24  18  13 8.8 5.5
33 OOOO   0   0   0   0   0   0   0   0   0   0 .60 1.2 2.3 4.2 7.0  11  16  22  29  34  38  39  38  33  28  21  15  10 6.4
34 OOOO   0   0   0   0   0   0   0   0   0   0 .64 1.3 2.5 4.5 7.6  12  18  25  32  38  42  43  41  37  30  23  17  11 6.9
35 OOOO   0   0   0   0   0   0   0   0   0   0 .64 1.3 2.5 4.5 7.7  12  18  25  32  39  43  44  42  38  31  24  17  11 7.0
36 OOOO   0   0   0   0   0   0   0   0   0   0 .60 1.2 2.3 4.2 7.2  12  17  24  31  37  41  42  40  36  30  23  16  11 6.6
37 OOOO   0   0   0   0   0   0   0   0   0   0 .52 1.0 2.0 3.7 6.4  10  15  21  27  33  36  37  36  32  26  20  14 9.4 5.8
38 OOOO   0   0   0   0   0   0   0   0   0   0 .42 .87 1.6 3.0 5.2 8.3  12  17  22  27  30  31  29  26  22  16  12 7.7 4.7
39 OOOO   0   0   0   0   0   0   0   0   0   0 .32 .66 1.2 2.3 3.9 6.3 9.4  13  17  20  23  24  23  20  16  13 8.9 5.9 3.6
40 OOOO   0   0   0   0   0   0   0   0   0   0 .23 .47 .91 1.6 2.8 4.5 6.7 9.3  12  14  16  17  16  14  12 8.8 6.3 4.1 2.5
41 OOOO   0   0   0   0   0   0   0   0   0   0 .15 .31 .60 1.1 1.8 2.9 4.4 6.1 7.9  10  11  11  10 9.2 7.6 5.8 4.1 2.7 1.7
42 OOOO   0   0   0   0   0   0   0   0   0   0 .09 .19 .37 .67 1.1 1.8 2.7 3.7 4.8 5.8 6.4 6.6 6.3 5.6 4.6 3.5 2.5 1.6 1.0
43 OOOO   0   0   0   0   0   0   0   0   0   0 .05 .11 .21 .38 .65 1.0 1.5 2.1 2.7 3.2 3.6 3.7 3.6 3.2 2.6 2.0 1.4 .96 .60
44 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .06 .11 .20 .35 .55 .82 1.1 1.4 1.7 1.9 1.9 1.9 1.6 1.4 1.0 .77 .51 .32
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23  .05   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25  .20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26  .36   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27  .61   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .96   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  1.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  2.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  2.6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  3.2   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  3.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  4.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  4.0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  3.8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  3.3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  2.7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  2.1   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  1.4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .98   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .60   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .35   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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```
BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .11 .21 .18 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .48 1.8 3.4 3.0 1.2 .25 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .47 3.8  15  28  24  10 2.0 .19   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  14  58 113  98  39 7.5 .73 .03   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .20 3.2  26 110 226 193  72  14 1.4 .09   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .25 3.1  23  95 191 165  64  13 1.7 .19 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .34 2.4  13  45  83  75  35  10 2.2 .42 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .56 2.8  11  28  46  46  29  12 3.6 .81 .13 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .75 3.6  13  30  50  52  35  16 4.9 1.1 .18 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .11 .74 3.4  12  28  45  48  32  15 4.7 1.1 .21 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .10 .56 2.3 7.6  18  28  30  21  10 3.4 .93 .21 .04 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .41 1.4 4.1 8.8  14  14  11 5.6 2.2 .77 .23 .06 .01   +
20 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .34 1.0 2.4 4.7 7.0 7.5 6.0 3.7 1.8 .73 .25 .08 .02   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .10 .31 .84 1.9 3.4 4.9 5.5 4.6 3.0 1.6 .72 .27 .09 .03   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .03 .10 .29 .72 1.5 2.7 3.9 4.4 3.8 2.6 1.4 .69 .29 .11 .04 .01
23 OOOO   0   0   0   0   0   .   .   .   +   +   +   + .01 .03 .10 .27 .62 1.2 2.1 3.0 3.3 3.0 2.1 1.3 .68 .32 .14 .05 .02
24 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .04 .11 .27 .57 1.0 1.7 2.3 2.6 2.4 1.8 1.2 .71 .36 .17 .07 .03
25 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .12 .28 .57 1.0 1.5 2.1 2.3 2.2 1.8 1.2 .76 .41 .20 .09 .04
26 OOOO   0   0   0   .   .   .   .   +   +   +   +   + .02 .06 .14 .29 .57 .99 1.5 2.0 2.2 2.1 1.8 1.2 .81 .45 .23 .11 .05
27 OOOO   0   0   0   .   .   .   .   +   +   +   + .01 .02 .06 .14 .30 .56 .95 1.4 1.8 2.1 2.0 1.7 1.2 .82 .48 .26 .13 .06
28 OOOO   0   0   0   .   .   .   .   +   +   +   + .01 .03 .07 .15 .30 .54 .88 1.3 1.6 1.8 1.8 1.6 1.2 .81 .50 .28 .15 .07
29 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .16 .29 .51 .82 1.1 1.4 1.6 1.6 1.4 1.1 .80 .51 .30 .17 .09
30 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .04 .08 .16 .29 .49 .76 1.0 1.3 1.5 1.5 1.3 1.0 .79 .53 .32 .18 .10
31 OOOO   0   0   .   .   .   .   +   +   +   +   + .02 .04 .08 .16 .29 .47 .72 .99 1.2 1.3 1.4 1.2 1.0 .78 .53 .33 .19 .11
32 OOOO   0   0   .   .   .   .   +   +   +   +   + .02 .04 .08 .16 .28 .45 .67 .91 1.1 1.2 1.2 1.1 .98 .74 .52 .33 .20 .11
33 OOOO   0   0   .   .   .   .   +   +   +   +   + .02 .04 .08 .15 .26 .41 .60 .81 1.0 1.1 1.1 1.0 .89 .69 .49 .32 .20 .11
34 OOOO   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .14 .23 .37 .53 .71 .87 .97 .99 .92 .79 .62 .45 .30 .19 .11
35 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .07 .12 .20 .32 .45 .60 .73 .82 .84 .79 .68 .54 .40 .27 .17 .10
36 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .17 .27 .38 .50 .60 .67 .69 .65 .57 .46 .34 .23 .15 .09
37 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .02 .05 .09 .14 .22 .31 .40 .48 .54 .55 .53 .46 .37 .28 .20 .13 .07
38 OOOO   0   0   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .11 .17 .24 .31 .37 .41 .43 .41 .36 .29 .22 .15 .10 .06
39 OOOO   0   0   .   .   .   .   +   +   +   +   +   + .01 .03 .05 .08 .12 .17 .23 .27 .30 .31 .30 .26 .22 .16 .11 .07 .04
40 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .03 .05 .08 .12 .15 .19 .21 .22 .21 .18 .15 .11 .08 .05 .03
41 OOOO   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .10 .12 .13 .14 .13 .12 .09 .07 .05 .03 .02
42 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .08 .08 .07 .06 .04 .03 .02 .01
43 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
44 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
45 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
46 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
50 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
24  .01   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
26  .02   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
27  .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
28  .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
29  .04 .02   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
30  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
31  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
32  .06 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
33  .06 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
34  .06 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
35  .05 .03 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
36  .05 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
37  .04 .02 .01   +   +   +   +   +   .   .   .   .   0   0   0   00000
38  .03 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
39  .02 .01   +   +   +   +   +   +   .   .   .   .   0   0   0   00000
40  .01 .01   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
41  .01   +   +   +   +   +   +   .   .   .   .   0   0   0   0   00000
42    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
43    +   +   +   +   +   +   .   .   .   .   0   0   0   0   0   00000
44    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
45    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
46    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
47    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
48    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2594.         1723.       64.26      0.0000E+00   875.0      0.0000E+00   13.50      0.200000E-02
  2        2636.         1726.       2.622      0.0000E+00   903.0      0.0000E+00   13.50      0.200000E-02
  3        2636.         1726.       2.344      0.0000E+00   930.9      0.0000E+00   13.50      0.200000E-02
  4        2635.         1726.       1.876      0.0000E+00   955.0      0.0000E+00   13.50      0.200000E-02
  5        2635.         1726.       1.438      0.0000E+00   974.8      0.0000E+00   13.50      0.200000E-02
  6        2635.         1726.       1.124      0.0000E+00   990.9      0.0000E+00   13.50      0.200000E-02
  7        2635.         1726.      0.9021      0.0000E+00   1004.      0.0000E+00   13.50      0.200000E-02
  8        2634.         1725.      0.7508      0.0000E+00   1016.      0.0000E+00   13.50      0.200000E-02
  9        2634.         1725.      0.6427      0.0000E+00   1026.      0.0000E+00   13.50      0.200000E-02
 10        2634.         1725.      0.5642      0.0000E+00   1035.      0.0000E+00   13.50      0.200000E-02
 11        2493.         1716.       181.0      0.0000E+00   1036.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     215.50
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2970.5




SUMMARY OF Clay     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     180.34
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3005.7




SUMMARY OF Clay     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     150.92
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3035.1
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .05 .07 .09 .11 .14 .17 .19 .22 .24 .26 .27 .27 .27 .26 .24 .21 .19 .16
34 OOOO   0   0   0   0   0   0 .01 .01 .02 .04 .05 .08 .10 .13 .17 .21 .26 .30 .34 .37 .40 .42 .42 .41 .40 .37 .33 .29 .25
35 OOOO   0   0   0   0   0   0 .01 .02 .04 .06 .08 .11 .16 .20 .26 .32 .38 .45 .51 .56 .60 .63 .63 .62 .59 .55 .50 .44 .37
36 OOOO   0   0   0   0   0   0 .02 .04 .06 .08 .12 .17 .23 .30 .38 .47 .56 .66 .74 .82 .88 .91 .92 .91 .87 .81 .73 .64 .54
37 OOOO   0   0   0   0   0   0 .03 .05 .08 .12 .17 .24 .32 .42 .54 .66 .80 .93 1.0 1.1 1.2 1.3 1.3 1.2 1.2 1.1 1.0 .91 .77
38 OOOO   0   0   0   0   0   0 .05 .07 .11 .17 .24 .33 .45 .58 .74 .92 1.1 1.2 1.4 1.6 1.7 1.8 1.8 1.7 1.7 1.5 1.4 1.2 1.0
39 OOOO   0   0   0   0   0   0 .06 .10 .15 .22 .32 .44 .60 .78 1.0 1.2 1.4 1.7 1.9 2.1 2.3 2.4 2.4 2.4 2.3 2.1 1.9 1.6 1.4
40 OOOO   0   0   0   0   0   0 .08 .13 .20 .29 .42 .58 .78 1.0 1.3 1.6 1.9 2.2 2.5 2.8 3.0 3.1 3.2 3.1 3.0 2.8 2.5 2.2 1.8
41 OOOO   0   0   0   0   0   0 .11 .17 .25 .37 .53 .74 .99 1.3 1.6 2.0 2.4 2.9 3.3 3.6 3.9 4.0 4.1 4.0 3.8 3.5 3.2 2.8 2.4
42 OOOO   0   0   0   0   0   0 .13 .21 .31 .46 .65 .91 1.2 1.6 2.0 2.5 3.0 3.6 4.0 4.5 4.8 5.0 5.1 5.0 4.8 4.4 4.0 3.5 2.9
43 OOOO   0   0   0   0   0   0 .16 .25 .37 .55 .79 1.0 1.4 1.9 2.4 3.0 3.7 4.3 4.9 5.4 5.8 6.1 6.1 6.0 5.8 5.3 4.8 4.2 3.5
44 OOOO   0   0   0   0   0   0 .18 .29 .44 .64 .92 1.2 1.7 2.2 2.9 3.6 4.3 5.1 5.8 6.4 6.8 7.1 7.2 7.1 6.8 6.3 5.6 4.9 4.2
45 OOOO   0   0   0   0   0   0 .21 .32 .49 .73 1.0 1.4 1.9 2.5 3.3 4.1 4.9 5.8 6.6 7.3 7.8 8.2 8.3 8.1 7.8 7.2 6.4 5.6 4.8
46 OOOO   0   0   0   0   0   0 .23 .36 .54 .80 1.1 1.6 2.1 2.8 3.6 4.5 5.5 6.4 7.3 8.1 8.7 9.1 9.2 9.0 8.6 8.0 7.2 6.2 5.3
47 OOOO   0   0   0   0   0   0 .24 .38 .58 .86 1.2 1.7 2.3 3.0 3.9 4.9 5.9 6.9 7.9 8.7 9.4  10  10  10 9.3 8.6 7.7 6.7 5.7
48 OOOO   0   0   0   0   0   0 .25 .40 .61 .89 1.2 1.7 2.4 3.2 4.1 5.1 6.2 7.2 8.3 9.2  10  10  10  10  10 9.0 8.1 7.1 6.0
49 OOOO   0   0   0   0   0   0 .26 .40 .61 .91 1.3 1.8 2.4 3.2 4.1 5.2 6.3 7.4 8.4 9.3  10  11  11  10  10 9.2 8.2 7.2 6.1
50 OOOO   0   0   0   0   0   0 .25 .39 .60 .89 1.2 1.7 2.4 3.2 4.1 5.1 6.2 7.3 8.3 9.2  10  10  11  10  10 9.1 8.2 7.1 6.0
51 OOOO   0   0   0   0   0   0 .24 .38 .57 .85 1.2 1.7 2.3 3.0 3.9 4.9 5.9 7.0 8.0 8.8  10  10  10  10 9.4 8.7 7.8 6.8 5.8
52 OOOO   0   0   0   0   0   0 .22 .35 .53 .79 1.1 1.5 2.1 2.8 3.6 4.5 5.5 6.5 7.4 8.2 8.8 9.2 9.4 9.2 8.8 8.1 7.3 6.3 5.3
53 OOOO   0   0   0   0   0   0 .20 .31 .48 .71 1.0 1.4 1.9 2.5 3.3 4.1 5.0 5.9 6.7 7.4 8.0 8.3 8.5 8.3 7.9 7.3 6.6 5.7 4.8
54 OOOO   0   0   0   0   0   0 .17 .27 .42 .62 .90 1.2 1.7 2.2 2.9 3.6 4.3 5.1 5.9 6.5 7.0 7.3 7.4 7.3 6.9 6.4 5.8 5.0 4.2
55 OOOO   0   0   0   0   0   0 .15 .23 .36 .53 .76 1.0 1.4 1.9 2.4 3.0 3.7 4.4 5.0 5.5 6.0 6.2 6.3 6.2 5.9 5.5 4.9 4.3 3.6
56 OOOO   0   0   0   0   0   0 .12 .19 .29 .44 .63 .88 1.2 1.5 2.0 2.5 3.0 3.6 4.1 4.6 4.9 5.1 5.2 5.1 4.9 4.5 4.0 3.5 3.0
57 OOOO   0   0   0   0   0   0 .10 .15 .23 .35 .50 .71 .96 1.2 1.6 2.0 2.4 2.9 3.3 3.6 3.9 4.1 4.1 4.1 3.9 3.6 3.2 2.8 2.4
```

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58 OOOO   0   0   0   0   0   0 .07 .12 .18 .27 .39 .55 .75 .99 1.2 1.5 1.9 2.2 2.5 2.8 3.0 3.2 3.2 3.2 3.0 2.8 2.5 2.2 1.8
59 OOOO   0   0   0   0   0   0 .05 .09 .14 .20 .30 .41 .56 .75 .96 1.2 1.4 1.7 1.9 2.1 2.3 2.4 2.4 2.4 2.3 2.1 1.9 1.6 1.4
60 OOOO   0   0   0   0   0   0 .04 .06 .10 .15 .22 .30 .41 .55 .70 .88 1.0 1.2 1.4 1.5 1.7 1.7 1.8 1.7 1.6 1.5 1.4 1.2 1.0
61 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .15 .22 .29 .39 .50 .62 .76 .89 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.1 1.0 .87 .73
62 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .10 .15 .20 .27 .34 .43 .52 .61 .70 .78 .83 .87 .88 .87 .83 .76 .69 .60 .51
63 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .18 .23 .29 .35 .41 .47 .52 .56 .58 .59 .58 .55 .51 .46 .40 .34
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .13 .11 .08 .06 .04 .03 .02   0   0   0   0   0   0   0   0   00000
34  .20 .16 .13 .10 .07 .05 .03   0   0   0   0   0   0   0   0   00000
35  .31 .25 .19 .15 .11 .08 .05   0   0   0   0   0   0   0   0   00000
36  .45 .36 .28 .21 .16 .11 .08   0   0   0   0   0   0   0   0   00000
37  .64 .51 .40 .30 .22 .16 .11   0   0   0   0   0   0   0   0   00000
38  .88 .71 .55 .42 .31 .22 .15   0   0   0   0   0   0   0   0   00000
39  1.1 .95 .74 .57 .42 .30 .21   0   0   0   0   0   0   0   0   00000
40  1.5 1.2 .97 .74 .54 .39 .27   0   0   0   0   0   0   0   0   00000
41  1.9 1.5 1.2 .94 .69 .50 .34   0   0   0   0   0   0   0   0   00000
42  2.4 1.9 1.5 1.1 .86 .61 .42   0   0   0   0   0   0   0   0   00000
43  2.9 2.3 1.8 1.4 1.0 .73 .51   0   0   0   0   0   0   0   0   00000
44  3.4 2.7 2.1 1.6 1.2 .86 .60   0   0   0   0   0   0   0   0   00000
45  3.9 3.1 2.4 1.8 1.3 .97 .68   0   0   0   0   0   0   0   0   00000
46  4.3 3.5 2.7 2.0 1.5 1.0 .75   0   0   0   0   0   0   0   0   00000
47  4.7 3.7 2.9 2.2 1.6 1.1 .80   0   0   0   0   0   0   0   0   00000
48  4.9 3.9 3.0 2.3 1.6 1.2 .83   0   0   0   0   0   0   0   0   00000
49  5.0 4.0 3.1 2.3 1.7 1.2 .84   0   0   0   0   0   0   0   0   00000
50  4.9 3.9 3.0 2.3 1.6 1.2 .83   0   0   0   0   0   0   0   0   00000
51  4.7 3.8 2.9 2.2 1.6 1.1 .79   0   0   0   0   0   0   0   0   00000
52  4.4 3.5 2.7 2.0 1.5 1.0 .74   0   0   0   0   0   0   0   0   00000
53  4.0 3.1 2.4 1.8 1.3 .96 .66   0   0   0   0   0   0   0   0   00000
54  3.5 2.8 2.1 1.6 1.1 .84 .58   0   0   0   0   0   0   0   0   00000
55  2.9 2.3 1.8 1.3 1.0 .72 .49   0   0   0   0   0   0   0   0   00000
56  2.4 1.9 1.5 1.1 .83 .59 .41   0   0   0   0   0   0   0   0   00000
57  1.9 1.5 1.2 .92 .67 .47 .33   0   0   0   0   0   0   0   0   00000
58  1.5 1.2 .95 .71 .52 .37 .25   0   0   0   0   0   0   0   0   00000
59  1.1 .92 .71 .54 .39 .28 .19   0   0   0   0   0   0   0   0   00000
60  .85 .68 .52 .39 .29 .20 .14   0   0   0   0   0   0   0   0   00000
```

```
61  .60 .48 .37 .28 .20 .14 .10   0   0   0   0   0   0   0   0   0OOOO
62  .42 .33 .26 .19 .14 .10 .07   0   0   0   0   0   0   0   0   0OOOO
63  .28 .22 .17 .13 .09 .06 .04   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .11 .21 .18 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .48 1.8 3.4 3.0 1.2 .25 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .47 3.8  15  28  24  10 2.0 .19   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  14  58 113  98  39 7.5 .73 .03   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .20 3.2  26 110 226 193  72  14 1.4 .09   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .25 3.1  23  95 191 165  64  13 1.7 .19 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .34 2.4  13  45  83  75  35  10 2.2 .42 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .56 2.8  11  28  46  46  29  12 3.6 .81 .13 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .75 3.6  13  30  50  52  35  16 4.9 1.1 .18 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .11 .74 3.4  12  28  45  48  32  15 4.7 1.1 .21 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .10 .56 2.3 7.6  18  28  30  21  10 3.4 .93 .21 .04 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .41 1.4 4.1 8.8  14  14  11 5.6 2.2 .77 .23 .06 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .10 .34 1.0 2.4 4.7 7.0 7.5 6.0 3.7 1.8 .73 .25 .08 .02   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .10 .31 .84 1.9 3.4 4.9 5.5 4.6 3.0 1.6 .72 .27 .09 .03   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .10 .29 .72 1.5 2.7 3.9 4.4 3.8 2.6 1.4 .69 .29 .11 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .10 .27 .62 1.2 2.1 3.0 3.3 3.0 2.1 1.3 .68 .32 .14 .05 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .11 .27 .57 1.0 1.7 2.3 2.6 2.4 1.8 1.2 .71 .36 .17 .07 .03
25 OOOO   0   0   0   .   .   .   .   +   +   +   +   + .02 .05 .13 .28 .57 1.0 1.5 2.1 2.3 2.2 1.8 1.2 .76 .41 .20 .09 .04
26 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .06 .14 .30 .58 1.0 1.5 2.0 2.2 2.1 1.8 1.2 .81 .46 .23 .11 .05
27 OOOO   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .15 .30 .57 .96 1.4 1.8 2.1 2.0 1.7 1.2 .83 .49 .26 .13 .06
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .15 .30 .55 .89 1.3 1.6 1.9 1.8 1.6 1.2 .83 .51 .29 .15 .08
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .04 .08 .16 .30 .53 .83 1.1 1.5 1.7 1.6 1.4 1.1 .82 .53 .32 .18 .09
30 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .31 .52 .79 1.1 1.3 1.5 1.5 1.4 1.1 .83 .56 .35 .20 .11
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .18 .31 .51 .76 1.0 1.2 1.4 1.4 1.3 1.1 .83 .58 .37 .23 .13
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .19 .32 .50 .73 .98 1.2 1.3 1.3 1.2 1.0 .83 .59 .39 .24 .14
33 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .11 .19 .31 .48 .69 .92 1.1 1.2 1.2 1.2 1.0 .81 .59 .40 .26 .16
34 OOOO   .   .   .   +   +   +   +   +   + .01 .01 .03 .06 .11 .19 .31 .46 .65 .86 1.0 1.1 1.1 1.1 .97 .78 .59 .41 .27 .17
35 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .12 .19 .30 .45 .62 .80 .95 1.0 1.0 1.0 .92 .75 .58 .42 .29 .19
36 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .19 .30 .43 .58 .74 .88 .98 1.0 .97 .87 .73 .57 .42 .30 .20
37 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .19 .29 .41 .55 .69 .82 .91 .94 .91 .82 .70 .56 .42 .30 .21
38 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .05 .08 .12 .19 .28 .39 .52 .65 .76 .84 .87 .85 .78 .67 .54 .42 .31 .22
39 OOOO   .   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .19 .27 .38 .49 .61 .71 .78 .81 .79 .73 .64 .53 .41 .31 .22
40 OOOO   .   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .19 .26 .36 .46 .57 .66 .72 .75 .74 .68 .60 .50 .40 .31 .22
41 OOOO   .   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .18 .25 .34 .43 .52 .61 .67 .69 .68 .64 .57 .48 .39 .30 .22
42 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .17 .24 .32 .40 .49 .56 .61 .64 .63 .59 .53 .46 .38 .29 .22
43 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .12 .17 .23 .30 .37 .45 .51 .56 .58 .58 .55 .50 .43 .36 .28 .22
44 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .16 .21 .28 .35 .41 .47 .51 .53 .53 .51 .46 .40 .34 .27 .21
45 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .11 .15 .20 .26 .32 .38 .43 .47 .49 .49 .46 .43 .37 .32 .26 .20
46 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .14 .18 .23 .29 .34 .39 .42 .44 .44 .42 .39 .34 .29 .24 .19
47 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .07 .09 .13 .17 .21 .26 .31 .35 .38 .39 .39 .38 .35 .31 .27 .22 .18
48 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .12 .15 .19 .23 .27 .31 .33 .35 .35 .34 .31 .28 .24 .20 .16
49 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .04 .05 .08 .10 .13 .17 .20 .24 .27 .29 .30 .31 .30 .28 .25 .22 .18 .15
50 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .05 .07 .09 .12 .15 .18 .21 .23 .25 .26 .27 .26 .24 .22 .19 .16 .13
51 OOOO   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .08 .10 .13 .15 .18 .20 .22 .23 .23 .22 .21 .19 .16 .14 .11
52 OOOO   +   +   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .07 .09 .11 .13 .15 .17 .18 .19 .19 .19 .17 .16 .14 .12 .10
53 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .12 .14 .15 .16 .16 .15 .14 .13 .12 .10 .08
54 OOOO   .   +   +   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .06 .07 .09 .10 .11 .12 .13 .13 .12 .12 .11 .09 .08 .07
55 OOOO   .   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .05 .06 .07 .08 .09 .10 .10 .10 .10 .09 .09 .08 .06 .05
56 OOOO   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .06 .07 .07 .08 .08 .08 .07 .07 .06 .05 .04
57 OOOO   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .06 .06 .06 .05 .05 .04 .04 .03
58 OOOO   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .03 .03 .02
59 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .01
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```
60 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .01 .01 .01
61 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
62 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +
63 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   0   00000
28  .04 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
29  .05 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   00000
30  .06 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .07 .03 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .0000
32  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
34  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .0000
35  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
36  .13 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   .   .   .0000
37  .14 .09 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .   .0000
38  .15 .09 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .0000
39  .15 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   .   .0000
40  .16 .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   .0000
41  .16 .11 .07 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
42  .16 .11 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
43  .16 .11 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   .0000
44  .16 .11 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
45  .15 .11 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
46  .15 .11 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
47  .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
48  .13 .09 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
49  .11 .09 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
50  .10 .08 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
51  .09 .07 .05 .04 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
52  .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +0000
53  .06 .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   .0000
54  .05 .04 .03 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
55  .04 .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   .0000
56  .03 .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .0000
57  .02 .02 .01 .01   +   +   +   +   +   +   +   +   +   +   .   .0000
58  .02 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
59  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
60  .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
```

```
61    +   +   +   +   +   +   +   +   +   +   +   +   .   .   .   .OOOO
62    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
63    +   +   +   +   +   +   +   +   +   +   +   .   .   .   .   .OOOO
64    +   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
65    +   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
66    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
67    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .OOOO
68    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
69    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
70    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3666.         1798.       37.66      0.0000E+00   1414.      0.0000E+00   13.50      0.200000E-02
  2        3709.         1801.       1.537      0.0000E+00   1447.      0.0000E+00   13.50      0.200000E-02
  3        3708.         1801.       1.374      0.0000E+00   1480.      0.0000E+00   13.50      0.200000E-02
  4        3708.         1801.       1.099      0.0000E+00   1508.      0.0000E+00   13.50      0.200000E-02
  5        3708.         1801.      0.8428      0.0000E+00   1531.      0.0000E+00   13.50      0.200000E-02
  6        3708.         1801.      0.6587      0.0000E+00   1550.      0.0000E+00   13.50      0.200000E-02
  7        3707.         1801.      0.5287      0.0000E+00   1566.      0.0000E+00   13.50      0.200000E-02
  8        3707.         1801.      0.4401      0.0000E+00   1579.      0.0000E+00   13.50      0.200000E-02
  9        3707.         1801.      0.3767      0.0000E+00   1591.      0.0000E+00   13.50      0.200000E-02
 10        3707.         1801.      0.3307      0.0000E+00   1601.      0.0000E+00   13.50      0.200000E-02
 11        3566.         1791.       106.1      0.0000E+00   1603.      0.0000E+00   13.50      0.200000E-02




SUMMARY OF Clay     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     126.30
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3059.7




SUMMARY OF Clay     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     105.70
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3080.0




SUMMARY OF Clay     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     88.453
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     3096.7
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CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .09 .10 .10 .11 .11 .11 .11 .11 .10 .10 .09
43 OOOO   0   0   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .08 .10 .11 .12 .13 .14 .14 .15 .15 .15 .15 .15 .14 .13 .13
44 OOOO   0   0   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .10 .11 .13 .14 .16 .17 .18 .19 .20 .20 .20 .20 .20 .19 .18 .17
45 OOOO   0   0 .01 .01 .02 .02 .03 .04 .05 .06 .08 .09 .11 .13 .15 .17 .19 .21 .22 .24 .25 .26 .27 .27 .26 .26 .25 .24 .22
46 OOOO   0   0 .01 .02 .02 .03 .04 .05 .07 .08 .10 .12 .14 .17 .19 .22 .24 .27 .29 .31 .33 .34 .34 .35 .34 .34 .32 .31 .29
47 OOOO   0   0 .01 .02 .03 .04 .05 .07 .08 .11 .13 .16 .18 .21 .25 .28 .31 .34 .37 .40 .42 .43 .44 .44 .44 .43 .41 .39 .37
48 OOOO   0   0 .02 .03 .04 .05 .07 .09 .11 .13 .16 .20 .23 .27 .31 .35 .39 .43 .47 .50 .52 .54 .55 .56 .55 .54 .52 .49 .46
49 OOOO   0   0 .02 .03 .05 .06 .08 .11 .13 .17 .20 .24 .29 .34 .39 .44 .49 .53 .58 .62 .65 .67 .69 .69 .68 .67 .64 .61 .57
50 OOOO   0   0 .03 .04 .06 .08 .10 .13 .16 .20 .25 .30 .35 .41 .47 .53 .59 .65 .71 .75 .79 .82 .84 .84 .84 .82 .79 .75 .70
51 OOOO   0   0 .04 .05 .07 .09 .12 .16 .20 .24 .30 .36 .42 .49 .57 .64 .72 .79 .85 .91 .96 .99 1.0 1.0 1.0 .99 .95 .90 .84
52 OOOO   0   0 .05 .06 .09 .11 .15 .19 .24 .29 .35 .43 .50 .59 .67 .76 .85 .93 1.0 1.0 1.1 1.1 1.2 1.2 1.2 1.1 1.1 1.0 1.0
53 OOOO   0   0 .05 .07 .10 .13 .17 .22 .28 .34 .42 .50 .59 .69 .79 .89 1.0 1.0 1.1 1.2 1.3 1.3 1.4 1.4 1.4 1.3 1.3 1.2 1.1
54 OOOO   0   0 .06 .09 .12 .15 .20 .25 .32 .39 .48 .57 .68 .79 .91 1.0 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.5 1.5 1.4 1.3
55 OOOO   0   0 .07 .10 .13 .17 .23 .29 .36 .45 .54 .65 .77 .90 1.0 1.1 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.6 1.5
56 OOOO   0   0 .08 .11 .15 .20 .25 .32 .40 .50 .61 .73 .87 1.0 1.1 1.3 1.4 1.6 1.7 1.8 1.9 2.0 2.0 2.0 2.0 2.0 1.9 1.8 1.7
57 OOOO   0   0 .09 .12 .16 .22 .28 .36 .45 .55 .67 .81 .96 1.1 1.2 1.4 1.6 1.7 1.9 2.0 2.1 2.2 2.3 2.3 2.2 2.2 2.1 2.0 1.9
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58 OOOO   0   0 .10 .13 .18 .23 .30 .39 .49 .60 .73 .88 1.0 1.2 1.4 1.5 1.7 1.9 2.1 2.2 2.3 2.4 2.5 2.5 2.5 2.4 2.3 2.2 2.0
59 OOOO   0   0 .11 .14 .19 .25 .33 .42 .52 .65 .79 .95 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.4 2.5 2.6 2.6 2.7 2.6 2.6 2.5 2.4 2.2
60 OOOO   0   0 .11 .15 .20 .27 .34 .44 .55 .68 .83 1.0 1.1 1.3 1.5 1.8 2.0 2.2 2.4 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.3
61 OOOO   0   0 .12 .16 .21 .28 .36 .46 .57 .71 .87 1.0 1.2 1.4 1.6 1.8 2.1 2.3 2.5 2.6 2.8 2.9 2.9 2.9 2.9 2.9 2.7 2.6 2.4
62 OOOO   0   0 .12 .16 .22 .28 .37 .47 .59 .73 .89 1.0 1.2 1.4 1.7 1.9 2.1 2.3 2.5 2.7 2.8 3.0 3.0 3.0 3.0 2.9 2.8 2.7 2.5
63 OOOO   0   0 .12 .16 .22 .29 .37 .47 .60 .74 .90 1.0 1.2 1.5 1.7 1.9 2.1 2.4 2.6 2.7 2.9 3.0 3.1 3.1 3.0 3.0 2.9 2.7 2.5
64 OOOO   0   0 .12 .16 .22 .29 .37 .47 .59 .74 .90 1.0 1.2 1.4 1.7 1.9 2.1 2.4 2.6 2.7 2.9 3.0 3.0 3.1 3.0 3.0 2.9 2.7 2.5
65 OOOO   0   0 .12 .16 .21 .28 .36 .46 .58 .72 .88 1.0 1.2 1.4 1.6 1.9 2.1 2.3 2.5 2.7 2.8 2.9 3.0 3.0 3.0 2.9 2.8 2.7 2.5
66 OOOO   0   0 .11 .15 .21 .27 .35 .45 .57 .70 .85 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.9 2.9 2.9 2.8 2.7 2.6 2.4
67 OOOO   0   0 .11 .15 .20 .26 .34 .43 .54 .67 .82 .98 1.1 1.3 1.5 1.7 1.9 2.1 2.3 2.5 2.6 2.7 2.8 2.8 2.8 2.7 2.6 2.5 2.3
68 OOOO   0   0 .10 .14 .18 .24 .31 .40 .51 .63 .77 .92 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.3 2.5 2.5 2.6 2.6 2.6 2.5 2.4 2.3 2.2
69 OOOO   0   0 .09 .13 .17 .22 .29 .37 .47 .58 .71 .85 1.0 1.1 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.4 2.4 2.4 2.3 2.3 2.1 2.0
70 OOOO   0   0 .08 .12 .15 .20 .27 .34 .43 .53 .65 .78 .92 1.0 1.2 1.4 1.5 1.7 1.8 2.0 2.1 2.1 2.2 2.2 2.2 2.1 2.1 1.9 1.8
71 OOOO   0   0 .08 .10 .14 .18 .24 .30 .38 .48 .58 .70 .83 .97 1.1 1.2 1.4 1.5 1.6 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.8 1.7 1.6
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .08 .08 .07 .06 .05 .04 .04 .03 .02 .02 .01 .01   0   0   0   00000
43  .12 .10 .09 .08 .07 .06 .05 .04 .03 .03 .02 .01   0   0   0   00000
44  .15 .14 .12 .11 .09 .08 .07 .06 .04 .04 .03 .02   0   0   0   00000
45  .20 .18 .16 .14 .13 .11 .09 .07 .06 .05 .04 .03   0   0   0   00000
46  .26 .24 .21 .19 .16 .14 .12 .10 .08 .06 .05 .04   0   0   0   00000
47  .34 .31 .27 .24 .21 .18 .15 .12 .10 .08 .06 .05   0   0   0   00000
48  .42 .38 .34 .30 .26 .23 .19 .16 .13 .10 .08 .06   0   0   0   00000
49  .53 .48 .43 .38 .33 .28 .24 .20 .16 .13 .10 .08   0   0   0   00000
50  .64 .58 .52 .46 .40 .34 .29 .24 .20 .16 .12 .10   0   0   0   00000
51  .78 .70 .63 .55 .48 .41 .35 .29 .24 .19 .15 .12   0   0   0   00000
52  .92 .84 .75 .66 .57 .49 .41 .34 .28 .23 .18 .14   0   0   0   00000
53  1.0 .98 .88 .77 .67 .57 .48 .40 .33 .26 .21 .16   0   0   0   00000
54  1.2 1.1 1.0 .89 .77 .66 .56 .46 .38 .31 .24 .19   0   0   0   00000
55  1.4 1.2 1.1 1.0 .88 .75 .63 .53 .43 .35 .28 .22   0   0   0   00000
56  1.5 1.4 1.2 1.1 .99 .84 .71 .59 .48 .39 .31 .24   0   0   0   00000
57  1.7 1.6 1.4 1.2 1.0 .93 .79 .65 .53 .43 .34 .27   0   0   0   00000
58  1.9 1.7 1.5 1.3 1.1 1.0 .86 .71 .58 .47 .37 .29   0   0   0   00000
59  2.0 1.8 1.6 1.4 1.2 1.0 .92 .76 .62 .50 .40 .31   0   0   0   00000
60  2.1 1.9 1.7 1.5 1.3 1.1 .97 .81 .66 .53 .42 .33   0   0   0   00000
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61  2.2 2.0 1.8 1.6 1.4 1.2 1.0 .84 .69 .55 .44 .34   0   0   0   0OOOO
62  2.3 2.1 1.8 1.6 1.4 1.2 1.0 .86 .71 .57 .45 .35   0   0   0   0OOOO
63  2.3 2.1 1.9 1.6 1.4 1.2 1.0 .87 .71 .58 .46 .36   0   0   0   0OOOO
64  2.3 2.1 1.9 1.6 1.4 1.2 1.0 .87 .71 .57 .46 .36   0   0   0   0OOOO
65  2.3 2.1 1.8 1.6 1.4 1.2 1.0 .86 .70 .56 .45 .35   0   0   0   0OOOO
66  2.2 2.0 1.8 1.6 1.3 1.1 1.0 .83 .68 .55 .43 .34   0   0   0   0OOOO
67  2.1 1.9 1.7 1.5 1.3 1.1 .95 .79 .65 .52 .41 .32   0   0   0   0OOOO
68  2.0 1.8 1.6 1.4 1.2 1.0 .90 .74 .61 .49 .39 .30   0   0   0   0OOOO
69  1.8 1.7 1.5 1.3 1.1 .99 .83 .69 .56 .45 .36 .28   0   0   0   0OOOO
70  1.7 1.5 1.3 1.2 1.0 .90 .76 .63 .51 .41 .33 .26   0   0   0   0OOOO
71  1.5 1.3 1.2 1.0 .95 .81 .68 .56 .46 .37 .29 .23   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .11 .21 .18 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .48 1.8 3.4 3.0 1.2 .25 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .47 3.8  15  28  24  10 2.0 .19   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  14  58 113  98  39 7.5 .73 .03   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .20 3.2  26 110 226 193  72  14 1.4 .09   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .25 3.1  23  95 191 165  64  13 1.7 .19 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .34 2.4  13  45  83  75  35  10 2.2 .42 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .56 2.8  11  28  46  46  29  12 3.6 .81 .13 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .75 3.6  13  30  50  52  35  16 4.9 1.1 .18 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .11 .74 3.4  12  28  45  48  32  15 4.7 1.1 .21 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .10 .56 2.3 7.6  18  28  30  21  10 3.4 .93 .21 .04 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .41 1.4 4.1 8.8  14  14  11 5.6 2.2 .77 .23 .06 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .10 .34 1.0 2.4 4.7 7.0 7.5 6.0 3.7 1.8 .73 .25 .08 .02   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .10 .31 .84 1.9 3.4 4.9 5.5 4.6 3.0 1.6 .72 .27 .09 .03   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .10 .29 .72 1.5 2.7 3.9 4.4 3.8 2.6 1.4 .69 .29 .11 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .10 .27 .62 1.2 2.1 3.0 3.3 3.0 2.1 1.3 .68 .32 .14 .05 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .11 .27 .57 1.0 1.7 2.3 2.6 2.4 1.8 1.2 .71 .36 .17 .07 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .05 .13 .28 .57 1.0 1.5 2.1 2.3 2.2 1.8 1.2 .76 .41 .20 .09 .04
26 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .02 .06 .14 .30 .58 1.0 1.5 2.0 2.2 2.1 1.8 1.2 .81 .46 .23 .11 .05
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .15 .30 .57 .96 1.4 1.8 2.1 2.0 1.7 1.2 .83 .49 .26 .13 .06
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .15 .30 .55 .89 1.3 1.6 1.9 1.8 1.6 1.2 .83 .51 .29 .15 .08
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .04 .08 .16 .30 .53 .83 1.1 1.5 1.7 1.6 1.4 1.1 .82 .53 .32 .18 .09
30 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .31 .52 .79 1.1 1.3 1.5 1.5 1.4 1.1 .83 .56 .35 .20 .11
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .18 .31 .51 .76 1.0 1.2 1.4 1.4 1.3 1.1 .83 .58 .37 .23 .13
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .19 .32 .50 .73 .98 1.2 1.3 1.3 1.2 1.0 .83 .59 .39 .24 .14
33 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .11 .19 .31 .48 .69 .92 1.1 1.2 1.2 1.2 1.0 .81 .59 .40 .26 .16
34 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .11 .19 .31 .46 .65 .86 1.0 1.1 1.1 1.1 .97 .78 .59 .41 .28 .18
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .19 .30 .45 .62 .80 .96 1.0 1.0 1.0 .92 .75 .58 .42 .29 .19
36 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .30 .43 .58 .74 .89 .98 1.0 .97 .87 .73 .57 .43 .30 .20
37 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .08 .13 .20 .29 .42 .56 .70 .83 .91 .94 .91 .83 .70 .56 .43 .31 .21
38 OOOO   +   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .20 .29 .40 .53 .66 .77 .85 .88 .86 .78 .68 .55 .43 .31 .22
39 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .28 .38 .50 .62 .72 .79 .82 .80 .74 .65 .54 .42 .32 .23
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .27 .37 .47 .58 .67 .74 .76 .75 .70 .62 .52 .42 .32 .23
41 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .13 .19 .26 .35 .45 .54 .62 .68 .71 .70 .66 .59 .50 .41 .32 .24
42 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .19 .26 .34 .42 .51 .58 .64 .66 .66 .62 .56 .48 .40 .32 .24
43 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .25 .32 .40 .48 .54 .59 .62 .61 .58 .53 .46 .39 .31 .24
44 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .24 .31 .38 .45 .51 .55 .58 .57 .55 .50 .44 .38 .31 .24
45 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .17 .23 .29 .36 .42 .47 .52 .54 .54 .52 .48 .42 .36 .30 .24
46 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .17 .22 .28 .34 .39 .44 .48 .50 .50 .49 .45 .40 .35 .29 .24
47 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .12 .16 .21 .26 .32 .37 .42 .45 .47 .47 .46 .43 .39 .34 .28 .23
48 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .12 .16 .20 .25 .30 .35 .39 .42 .44 .44 .43 .40 .37 .32 .28 .23
49 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .12 .15 .19 .24 .28 .33 .36 .39 .41 .41 .40 .38 .35 .31 .27 .22
50 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .12 .15 .19 .23 .27 .31 .34 .37 .38 .39 .38 .36 .33 .30 .26 .22
51 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .11 .14 .18 .21 .25 .29 .32 .34 .36 .36 .35 .34 .31 .28 .25 .21
52 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .11 .14 .17 .20 .24 .27 .30 .32 .33 .34 .33 .32 .30 .27 .24 .20
53 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .13 .16 .19 .22 .25 .28 .30 .31 .31 .31 .30 .28 .25 .23 .20
54 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .18 .21 .23 .26 .28 .29 .29 .29 .28 .26 .24 .21 .19
55 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .17 .19 .22 .24 .26 .27 .27 .27 .26 .25 .23 .20 .18
56 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .16 .18 .20 .22 .24 .25 .25 .25 .24 .23 .21 .19 .17
57 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .15 .17 .19 .21 .22 .23 .23 .23 .23 .21 .20 .18 .16
58 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .14 .16 .18 .19 .20 .21 .22 .21 .21 .20 .19 .17 .15
59 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .14 .16 .18 .19 .19 .20 .20 .19 .18 .17 .16 .14
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60 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .03 .05 .06 .07 .09 .10 .12 .13 .15 .16 .17 .18 .18 .18 .18 .17 .16 .15 .13
61 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .09 .11 .12 .14 .15 .16 .16 .17 .17 .16 .15 .15 .13 .12
62 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .14 .15 .15 .15 .15 .14 .13 .12 .11
63 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .07 .08 .09 .10 .11 .12 .13 .13 .14 .14 .13 .13 .12 .11 .10
64 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .11 .11 .10 .09
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
66 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .09 .08 .07
67 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
68 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .06 .06 .06
69 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
70 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .04 .04
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
22    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   0OOOO
23    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0OOOO
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
25  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   0OOOO
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
28  .04 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
29  .05 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .OOOO
30  .06 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .OOOO
31  .07 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
32  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .OOOO
33  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .OOOO
34  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .OOOO
35  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .OOOO
36  .13 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .   .OOOO
37  .14 .09 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .OOOO
38  .15 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   +   +OOOO
39  .16 .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   +OOOO
40  .17 .11 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +OOOO
41  .17 .12 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
42  .18 .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +OOOO
43  .18 .13 .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +OOOO
44  .18 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
45  .19 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +OOOO
46  .19 .14 .11 .08 .05 .04 .02 .02 .01   +   +   +   +   +   +   +OOOO
47  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
48  .18 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +OOOO
49  .18 .14 .11 .08 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +OOOO
50  .18 .14 .11 .09 .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
51  .17 .14 .11 .09 .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +OOOO
52  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
53  .16 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
54  .16 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
55  .15 .13 .11 .08 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +OOOO
56  .15 .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
57  .14 .12 .10 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
58  .13 .11 .09 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
59  .12 .11 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
60  .12 .10 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +OOOO
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61  .11 .09 .08 .07 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
62  .10 .09 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
63  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
64  .08 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
65  .07 .06 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
66  .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
67  .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
68  .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
69  .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
70  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
71  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Clay


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4739.         1874.       22.07      0.0000E+00   2037.      0.0000E+00   13.50      0.200000E-02
  2        4782.         1877.      0.9008      0.0000E+00   2074.      0.0000E+00   13.50      0.200000E-02
  3        4781.         1877.      0.8050      0.0000E+00   2111.      0.0000E+00   13.50      0.200000E-02
  4        4781.         1877.      0.6444      0.0000E+00   2143.      0.0000E+00   13.50      0.200000E-02
  5        4781.         1877.      0.4939      0.0000E+00   2169.      0.0000E+00   13.50      0.200000E-02
  6        4780.         1877.      0.3861      0.0000E+00   2191.      0.0000E+00   13.50      0.200000E-02
  7        4780.         1877.      0.3099      0.0000E+00   2208.      0.0000E+00   13.50      0.200000E-02
  8        4780.         1877.      0.2579      0.0000E+00   2223.      0.0000E+00   13.50      0.200000E-02
  9        4780.         1877.      0.2208      0.0000E+00   2236.      0.0000E+00   13.50      0.200000E-02
 10        4780.         1877.      0.1938      0.0000E+00   2248.      0.0000E+00   13.50      0.200000E-02
 11        4639.         1867.       62.17      0.0000E+00   2250.      0.0000E+00   13.50      0.200000E-02
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BOTTOM ACCUMULATION OF Clay     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .11 .21 .18 .07 .01   +   .   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .48 1.8 3.4 3.0 1.2 .25 .02   +   .   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .47 3.8  15  28  24  10 2.0 .19   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  14  58 113  98  39 7.5 .73 .03   +   +   .   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .20 3.2  26 110 226 193  72  14 1.4 .09   +   +   .   .
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .25 3.1  23  95 191 165  64  13 1.7 .19 .02   +   +   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .04 .34 2.4  13  45  83  75  35  10 2.2 .42 .06   +   +   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .08 .56 2.8  11  28  46  46  29  12 3.6 .81 .13 .01   +   +
16 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .11 .75 3.6  13  30  50  52  35  16 4.9 1.1 .18 .02   +   +
17 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .11 .74 3.4  12  28  45  48  32  15 4.7 1.1 .21 .03   +   +
18 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .10 .56 2.3 7.6  18  28  30  21  10 3.4 .93 .21 .04 .01   +
19 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .10 .41 1.4 4.1 8.8  14  14  11 5.6 2.2 .77 .23 .06 .01   +
20 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .10 .34 1.0 2.4 4.7 7.0 7.5 6.0 3.7 1.8 .73 .25 .08 .02   +
21 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .10 .31 .84 1.9 3.4 4.9 5.5 4.6 3.0 1.6 .72 .27 .09 .03   +
22 OOOO   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .10 .29 .72 1.5 2.7 3.9 4.4 3.8 2.6 1.4 .69 .29 .11 .04 .01
23 OOOO   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .10 .27 .62 1.2 2.1 3.0 3.3 3.0 2.1 1.3 .68 .32 .14 .05 .02
24 OOOO   0   0   0   .   .   .   .   .   +   +   +   + .01 .04 .11 .27 .57 1.0 1.7 2.3 2.6 2.4 1.8 1.2 .71 .36 .17 .07 .03
25 OOOO   0   0   .   .   .   .   .   +   +   +   +   + .02 .05 .13 .28 .57 1.0 1.5 2.1 2.3 2.2 1.8 1.2 .76 .41 .20 .09 .04
26 OOOO   0   .   .   .   .   .   .   +   +   +   +   + .02 .06 .14 .30 .58 1.0 1.5 2.0 2.2 2.1 1.8 1.2 .81 .46 .23 .11 .05
27 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .15 .30 .57 .96 1.4 1.8 2.1 2.0 1.7 1.2 .83 .49 .26 .13 .06
28 OOOO   .   .   .   .   .   .   +   +   +   +   + .01 .03 .07 .15 .30 .55 .89 1.3 1.6 1.9 1.8 1.6 1.2 .83 .51 .29 .15 .08
29 OOOO   .   .   .   .   .   +   +   +   +   +   + .01 .04 .08 .16 .30 .53 .83 1.1 1.5 1.7 1.6 1.4 1.1 .82 .53 .32 .18 .09
30 OOOO   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .09 .17 .31 .52 .79 1.1 1.3 1.5 1.5 1.4 1.1 .83 .56 .35 .20 .11
31 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .18 .31 .51 .76 1.0 1.2 1.4 1.4 1.3 1.1 .83 .58 .37 .23 .13
32 OOOO   .   .   .   .   +   +   +   +   +   + .01 .02 .05 .10 .19 .32 .50 .73 .98 1.2 1.3 1.3 1.2 1.0 .83 .59 .39 .24 .14
33 OOOO   .   .   .   +   +   +   +   +   +   + .01 .03 .06 .11 .19 .31 .48 .69 .92 1.1 1.2 1.2 1.2 1.0 .81 .59 .40 .26 .16
34 OOOO   .   .   .   +   +   +   +   +   + .01 .02 .03 .06 .11 .19 .31 .46 .65 .86 1.0 1.1 1.1 1.1 .97 .78 .59 .41 .28 .18
35 OOOO   .   .   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .19 .30 .45 .62 .80 .96 1.0 1.0 1.0 .92 .75 .58 .42 .29 .19
36 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .07 .12 .20 .30 .43 .58 .74 .89 .98 1.0 .97 .87 .73 .57 .43 .30 .20
37 OOOO   .   +   +   +   +   +   +   +   + .01 .02 .04 .08 .13 .20 .29 .42 .56 .70 .83 .91 .94 .91 .83 .70 .56 .43 .31 .21
38 OOOO   +   +   +   +   +   +   +   + .01 .01 .03 .05 .08 .13 .20 .29 .40 .53 .66 .77 .85 .88 .86 .78 .68 .55 .43 .31 .22
39 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .28 .38 .50 .62 .72 .79 .82 .80 .74 .65 .54 .42 .32 .23
40 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .05 .08 .13 .19 .27 .37 .47 .58 .67 .74 .76 .75 .70 .62 .52 .42 .32 .23
41 OOOO   +   +   +   +   +   +   +   + .01 .02 .03 .06 .09 .13 .19 .26 .35 .45 .54 .62 .68 .71 .70 .66 .59 .50 .41 .32 .24
42 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .19 .26 .34 .42 .51 .58 .64 .66 .66 .62 .56 .48 .40 .32 .24
43 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .25 .32 .40 .48 .54 .59 .62 .61 .58 .53 .46 .39 .31 .24
44 OOOO   +   +   +   +   +   +   + .01 .01 .02 .04 .06 .09 .13 .18 .24 .31 .38 .45 .51 .55 .58 .57 .55 .50 .44 .38 .31 .24
45 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .17 .23 .29 .36 .42 .47 .52 .54 .54 .52 .48 .42 .36 .30 .24
46 OOOO   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .09 .13 .17 .22 .28 .34 .39 .44 .48 .50 .50 .49 .45 .40 .35 .29 .24
47 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .12 .16 .21 .26 .32 .37 .42 .45 .47 .47 .46 .43 .39 .34 .28 .23
48 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .04 .06 .09 .12 .16 .20 .25 .30 .35 .39 .42 .44 .44 .43 .40 .37 .32 .28 .23
49 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .12 .15 .19 .24 .28 .33 .36 .39 .41 .41 .40 .38 .35 .31 .27 .22
50 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .12 .15 .19 .23 .27 .31 .34 .37 .38 .39 .38 .36 .33 .30 .26 .22
51 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .09 .11 .14 .18 .21 .25 .29 .32 .34 .36 .36 .35 .34 .31 .28 .25 .21
52 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .11 .14 .17 .20 .24 .27 .30 .32 .33 .34 .33 .32 .30 .27 .24 .20
53 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .05 .06 .08 .10 .13 .16 .19 .22 .25 .28 .30 .31 .31 .31 .30 .28 .25 .23 .20
54 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .08 .10 .12 .15 .18 .21 .23 .26 .28 .29 .29 .29 .28 .26 .24 .21 .19
55 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .08 .10 .12 .14 .17 .19 .22 .24 .26 .27 .27 .27 .26 .25 .23 .20 .18
56 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .16 .18 .20 .22 .24 .25 .25 .25 .24 .23 .21 .19 .17
57 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .09 .11 .13 .15 .17 .19 .21 .22 .23 .23 .23 .23 .21 .20 .18 .16
58 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .14 .16 .18 .19 .20 .21 .22 .21 .21 .20 .19 .17 .15
59 OOOO   +   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .14 .16 .18 .19 .19 .20 .20 .19 .18 .17 .16 .14
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60 OOOO   +   +   +   +   +   + .01 .01 .02 .03 .03 .05 .06 .07 .09 .10 .12 .13 .15 .16 .17 .18 .18 .18 .18 .17 .16 .15 .13
61 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .07 .08 .09 .11 .12 .14 .15 .16 .16 .17 .17 .16 .15 .15 .13 .12
62 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .14 .15 .15 .15 .15 .14 .13 .12 .11
63 OOOO   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .07 .08 .09 .10 .11 .12 .13 .13 .14 .14 .13 .13 .12 .11 .10
64 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .12 .12 .11 .11 .10 .09
65 OOOO   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
66 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .03 .03 .04 .05 .05 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .09 .08 .07
67 OOOO   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .08 .08 .07 .07 .06
68 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .06 .06 .06
69 OOOO   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .05 .06 .06 .06 .06 .06 .06 .06 .05 .05
70 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .04 .04 .05 .05 .05 .05 .05 .05 .05 .05 .04 .04
71 OOOO   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04 .03
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
18    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
19    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
20    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
21    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
22    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
23    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
24  .01   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
25  .01   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
26  .02 .01   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
27  .03 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
28  .04 .01   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
29  .05 .02 .01   +   +   +   +   +   +   .   .   .   .   .   .   .0000
30  .06 .03 .01   +   +   +   +   +   +   +   .   .   .   .   .   .0000
31  .07 .03 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
32  .08 .04 .02 .01   +   +   +   +   +   +   +   .   .   .   .   .0000
33  .09 .05 .03 .01   +   +   +   +   +   +   +   +   .   .   .   .0000
34  .11 .06 .03 .02 .01   +   +   +   +   +   +   +   +   .   .   .0000
35  .12 .07 .04 .02 .01   +   +   +   +   +   +   +   +   +   .   .0000
36  .13 .08 .05 .03 .01 .01   +   +   +   +   +   +   +   +   .   .0000
37  .14 .09 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +   .0000
38  .15 .10 .06 .04 .02 .01   +   +   +   +   +   +   +   +   +   +0000
39  .16 .11 .07 .04 .03 .01 .01   +   +   +   +   +   +   +   +   +0000
40  .17 .11 .08 .05 .03 .02 .01   +   +   +   +   +   +   +   +   +0000
41  .17 .12 .08 .05 .03 .02 .01 .01   +   +   +   +   +   +   +   +0000
42  .18 .13 .09 .06 .04 .02 .01 .01   +   +   +   +   +   +   +   +0000
43  .18 .13 .09 .06 .04 .03 .02 .01   +   +   +   +   +   +   +   +0000
44  .18 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
45  .19 .14 .10 .07 .05 .03 .02 .01 .01   +   +   +   +   +   +   +0000
46  .19 .14 .11 .08 .05 .04 .02 .02 .01   +   +   +   +   +   +   +0000
47  .19 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
48  .18 .14 .11 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   +0000
49  .18 .14 .11 .08 .06 .05 .03 .02 .01 .01   +   +   +   +   +   +0000
50  .18 .14 .11 .09 .06 .05 .03 .02 .02 .01 .01   +   +   +   +   +0000
51  .17 .14 .11 .09 .07 .05 .04 .02 .02 .01 .01   +   +   +   +   +0000
52  .17 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
53  .16 .14 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
54  .16 .13 .11 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
55  .15 .13 .11 .08 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   +0000
56  .15 .12 .10 .08 .07 .05 .04 .03 .02 .01 .01 .01   +   +   +   +0000
57  .14 .12 .10 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +0000
58  .13 .11 .09 .08 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +0000
59  .12 .11 .09 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +0000
60  .12 .10 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   +   +0000
```

```
61  .11 .09 .08 .07 .05 .04 .03 .03 .02 .01 .01 .01   +   +   +   +OOOO
62  .10 .09 .07 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +OOOO
63  .09 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
64  .08 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01   +   +   +   +   +OOOO
65  .07 .06 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
66  .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +OOOO
67  .06 .05 .04 .04 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
68  .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +OOOO
69  .04 .04 .03 .03 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
70  .04 .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +OOOO
71  .03 .03 .02 .02 .02 .01 .01 .01   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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THICKNESS (FT) OF Clay     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .04 .03 .01   +   +   .   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .08 .17 .14 .05 .01   +   .   .   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .16 .34 .29 .10 .02   +   +   .   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .14 .28 .24 .09 .02   +   +   .   .   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .06 .12 .11 .05 .01   +   +   .   .   .   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .06 .06 .04 .01   +   +   +   .   .   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .07 .07 .05 .02   +   +   +   .   .   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .04 .06 .07 .04 .02   +   +   +   .   .   .
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .04 .04 .03 .01   +   +   +   .   .   .
19 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .02 .02 .01   +   +   +   +   .   .   .
20 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   + .01 .01   +   +   +   +   +   +   .   .
21 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
25 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
26 0000   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
27 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
28 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
29 0000   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
30 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
31 0000   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
32 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 0000   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 0000   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 0000   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 0000   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 0000   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 0000   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 0000   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 0000   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 0000   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 0000   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 0000   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 0000   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

```
60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
31    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
32    +   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
33    +   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
34    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
37    +   +   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
38    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
39    +   +   +   .   .   .   .   .   .   .   .   .   0   0   0   00000
40    +   +   +   .   .   .   .   .   .   .   .   .   .   0   0   00000
41    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
42    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   00000
43    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
44    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   00000
45    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
46    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
47    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
48    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .    .0000
62    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .    .0000
63    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .    .0000
64    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .    .0000
72 000000000000000000000000000000000000000000000000000000000000000000000
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clumps




SUMMARY OF Clumps   DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     12285.



     COMPUTATIONS FOR Clumps   TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

```
BOTTOM ACCUMULATION OF Clumps   (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   .   .   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .07 .22 .07   +   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .32 7.6  22 7.6 .32   +   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 3.7  90 260  90 3.7 .01   .   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .02 5.2 127 366 127 5.2 .02   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .89  22  62  22 .89   +   .   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .44 1.2 .44 .01   .   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .10   +   .   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .14 .80 .55 .04   +   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 .50 .35 .02   +   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .02   +   .   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   .   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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THICKNESS (FT) OF Clumps   ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .05 .01   +   .   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .22 .64 .22   +   .   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 .31 .91 .31 .01   .   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .15 .05   +   .   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   .   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   .   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF copper


SUMMARY OF copper   DISTRIBUTIONS AFTER    1200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.7
```

```
SMALL CLOUDS AT    1200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        846.0         1599.      0.1001E+06  0.9458E+05   309.5      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    2400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.7
```

```
SMALL CLOUDS AT    2400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1204.         1625.      0.1799E+06  0.1743E+06   429.3      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    3600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.7
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   + .01 .01 .02 .01 .01   +   +   +   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .03 .05 .08 .09 .08 .05 .03 .01   +   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .05 .10 .19 .26 .29 .26 .19 .10 .04 .01   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .04 .13 .28 .49 .69 .77 .69 .49 .28 .13 .04   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .10 .27 .59 1.0 1.4 1.6 1.4 1.0 .59 .27 .10   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .04 .16 .46 1.0 1.7 2.4 2.7 2.4 1.7 1.0 .45 .16   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .22 .61 1.3 2.3 3.2 3.6 3.2 2.3 1.3 .61 .22   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .07 .24 .66 1.4 2.5 3.5 3.9 3.5 2.5 1.4 .66 .24   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .20 .56 1.2 2.1 3.0 3.3 3.0 2.1 1.2 .56 .20   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .04 .14 .39 .85 1.4 2.0 2.3 2.0 1.4 .84 .38 .14   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .21 .46 .81 1.1 1.2 1.1 .81 .46 .21 .07   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .09 .20 .35 .50 .56 .50 .35 .20 .09 .03   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .12 .17 .19 .17 .12 .07 .03 .01   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   +   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   + .01 .02 .03 .03 .03 .02 .01   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .04 .07 .09 .10 .09 .07 .04 .01   +   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .10 .18 .25 .28 .25 .18 .10 .04 .01   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .10 .22 .38 .53 .60 .53 .38 .22 .10 .03   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .06 .17 .37 .64 .90 1.0 .90 .64 .37 .16 .06   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .22 .49 .86 1.2 1.3 1.2 .86 .49 .22 .08   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .08 .24 .53 .93 1.3 1.4 1.3 .93 .53 .24 .08   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .02 .07 .21 .45 .80 1.1 1.2 1.1 .79 .45 .20 .07   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .14 .31 .54 .76 .85 .76 .54 .31 .14 .05   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .17 .30 .42 .47 .42 .30 .17 .07 .02   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .13 .18 .20 .18 .13 .07 .03 .01   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .04 .06 .07 .06 .04 .02 .01   +   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1561.         1650.      0.3106E+06  0.3051E+06   562.9      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    4800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.7
```

```
SMALL CLOUDS AT    4800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        1919.         1675.      0.4941E+06  0.4886E+06   709.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    6000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
```

```
SMALL CLOUDS AT    6000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2276.         1700.      0.7397E+06  0.7342E+06   867.2      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    7200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .03 .03 .02 .02 .01 .01   +
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .04 .05 .06 .07 .07 .07 .06 .05 .04 .03 .02 .01
28 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .05 .07 .09 .11 .12 .13 .12 .11 .09 .07 .05 .04 .02
29 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .06 .09 .12 .16 .19 .21 .21 .21 .19 .16 .13 .09 .06 .04
30 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .06 .10 .14 .20 .25 .29 .32 .33 .32 .29 .25 .20 .14 .10 .06
31 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .15 .21 .29 .36 .43 .47 .49 .47 .43 .36 .29 .21 .15 .09
32 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .13 .20 .29 .39 .49 .58 .64 .66 .64 .58 .49 .39 .29 .20 .13
33 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .10 .16 .25 .37 .49 .62 .74 .81 .84 .81 .74 .63 .50 .37 .25 .16
34 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .06 .12 .19 .30 .44 .59 .74 .88 .97 1.0 .97 .88 .74 .59 .44 .30 .20
35 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .07 .13 .22 .34 .49 .66 .83 .98 1.0 1.1 1.0 .98 .83 .66 .49 .34 .22
36 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .14 .23 .35 .51 .68 .86 1.0 1.1 1.1 1.1 1.0 .86 .68 .51 .35 .23
37 OOOO   0   0   0   0   0   0   0   0   0   0 .02 .04 .07 .13 .22 .34 .49 .67 .84 .99 1.1 1.1 1.1 .99 .84 .67 .50 .34 .22
38 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .07 .12 .20 .31 .45 .61 .77 .90 1.0 1.0 1.0 .91 .77 .61 .45 .31 .20
39 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .03 .06 .10 .17 .27 .38 .52 .65 .77 .85 .88 .85 .77 .66 .52 .39 .27 .17
40 OOOO   0   0   0   0   0   0   0   0   0   0 .01 .02 .04 .08 .14 .21 .31 .41 .52 .62 .68 .71 .68 .62 .52 .42 .31 .21 .14
41 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .03 .06 .10 .16 .23 .31 .39 .46 .51 .53 .51 .46 .39 .31 .23 .16 .10
42 OOOO   0   0   0   0   0   0   0   0   0   0   + .01 .02 .04 .07 .11 .16 .22 .27 .32 .36 .37 .36 .32 .27 .22 .16 .11 .07
43 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .02 .04 .07 .10 .14 .18 .21 .23 .24 .23 .21 .18 .14 .10 .07 .04
44 OOOO   0   0   0   0   0   0   0   0   0   0   +   + .01 .01 .03 .04 .06 .08 .11 .13 .14 .15 .14 .13 .11 .08 .06 .04 .03
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29  .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30  .04   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32  .08   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34  .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36  .14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37  .13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38  .12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39  .10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40  .08   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42  .04   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43  .02   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
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61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD   7200.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   +   +   +   + .01 .02 .03 .04 .05 .06 .07 .07 .07 .06 .05 .04 .03 .02 .01
26 0000   0   0   0   0   0   0   0   0   0   0   +   + .01 .01 .02 .04 .06 .08 .10 .12 .14 .14 .14 .12 .11 .08 .06 .04 .02
27 0000   0   0   0   0   0   0   0   0   0   0   + .01 .01 .03 .05 .08 .12 .16 .20 .24 .26 .27 .26 .24 .20 .16 .12 .08 .05
28 0000   0   0   0   0   0   0   0   0   0   0   + .01 .03 .05 .09 .15 .21 .29 .36 .43 .47 .49 .47 .43 .36 .29 .21 .15 .09
29 0000   0   0   0   0   0   0   0   0   0   0 .01 .03 .05 .09 .16 .24 .35 .47 .60 .71 .78 .81 .78 .71 .60 .48 .35 .24 .16
30 0000   0   0   0   0   0   0   0   0   0   0 .02 .04 .08 .15 .24 .38 .55 .74 .93 1.1 1.2 1.2 1.2 1.1 .93 .74 .55 .38 .25
31 0000   0   0   0   0   0   0   0   0   0   0 .03 .06 .12 .22 .36 .55 .79 1.0 1.3 1.5 1.7 1.8 1.7 1.5 1.3 1.0 .80 .55 .36
32 0000   0   0   0   0   0   0   0   0   0   0 .04 .09 .17 .29 .48 .75 1.0 1.4 1.8 2.1 2.3 2.4 2.3 2.1 1.8 1.4 1.0 .75 .49
33 0000   0   0   0   0   0   0   0   0   0   0 .05 .11 .21 .37 .62 .95 1.3 1.8 2.3 2.7 3.0 3.1 3.0 2.7 2.3 1.8 1.3 .95 .62
34 0000   0   0   0   0   0   0   0   0   0   0 .06 .13 .25 .45 .73 1.1 1.6 2.1 2.7 3.2 3.5 3.7 3.6 3.2 2.7 2.1 1.6 1.1 .74
35 0000   0   0   0   0   0   0   0   0   0   0 .07 .15 .28 .50 .82 1.2 1.8 2.4 3.0 3.6 4.0 4.1 4.0 3.6 3.0 2.4 1.8 1.2 .82
36 0000   0   0   0   0   0   0   0   0   0   0 .07 .15 .29 .52 .85 1.3 1.8 2.5 3.2 3.7 4.1 4.3 4.1 3.7 3.2 2.5 1.8 1.3 .86
37 0000   0   0   0   0   0   0   0   0   0   0 .07 .15 .29 .50 .83 1.2 1.8 2.4 3.1 3.6 4.0 4.2 4.0 3.6 3.1 2.4 1.8 1.2 .83
38 0000   0   0   0   0   0   0   0   0   0   0 .07 .14 .26 .46 .76 1.1 1.6 2.2 2.8 3.3 3.7 3.8 3.7 3.3 2.8 2.2 1.6 1.1 .76
39 0000   0   0   0   0   0   0   0   0   0   0 .06 .12 .22 .39 .65 1.0 1.4 1.9 2.4 2.8 3.1 3.2 3.1 2.8 2.4 1.9 1.4 1.0 .65
40 0000   0   0   0   0   0   0   0   0   0   0 .04 .09 .18 .31 .52 .80 1.1 1.5 1.9 2.3 2.5 2.6 2.5 2.3 1.9 1.5 1.1 .80 .52
41 0000   0   0   0   0   0   0   0   0   0   0 .03 .07 .13 .23 .39 .60 .86 1.1 1.4 1.7 1.9 1.9 1.9 1.7 1.4 1.1 .86 .60 .39
42 0000   0   0   0   0   0   0   0   0   0   0 .02 .05 .09 .16 .27 .42 .60 .81 1.0 1.2 1.3 1.3 1.3 1.2 1.0 .81 .60 .42 .27
43 0000   0   0   0   0   0   0   0   0   0   0 .01 .03 .06 .10 .18 .27 .39 .53 .67 .79 .87 .90 .87 .79 .67 .53 .39 .27 .18
44 0000   0   0   0   0   0   0   0   0   0   0 .01 .02 .03 .06 .11 .17 .24 .32 .41 .48 .53 .55 .54 .48 .41 .33 .24 .17 .11
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

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57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
25    +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
26  .01   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
27  .03   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
28  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
29  .09   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
30  .15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
31  .22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
32  .30   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
33  .38   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
34  .45   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
35  .50   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
36  .52   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
37  .51   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
38  .46   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
39  .40   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
40  .32   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
41  .24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
42  .16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
43  .11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
44  .06   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2634.         1725.      0.1057E+07  0.1051E+07   1036.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER    8400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
```

```
SMALL CLOUDS AT    8400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        2992.         1751.      0.1455E+07  0.1449E+07   1215.      0.0000E+00   13.50      0.000000E+00


SUMMARY OF copper   DISTRIBUTIONS AFTER    9600.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
```

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SMALL CLOUDS AT    9600.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3349.         1776.      0.1943E+07  0.1938E+07   1404.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   10800.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
```

```
CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   +   + .01 .01 .02 .03 .04 .06 .07 .09 .11 .13 .14 .16 .17 .18 .18 .18 .17 .16 .14 .13 .11
36 0000   0   0   0   0   0   0   + .01 .01 .02 .03 .05 .07 .09 .11 .14 .16 .19 .22 .24 .26 .27 .27 .27 .26 .24 .22 .19 .17
37 0000   0   0   0   0   0   0 .01 .01 .02 .03 .05 .07 .10 .13 .16 .20 .24 .28 .32 .36 .38 .40 .40 .40 .38 .36 .32 .29 .24
38 0000   0   0   0   0   0   0 .01 .02 .03 .05 .08 .10 .14 .19 .24 .29 .35 .41 .46 .51 .55 .57 .58 .57 .55 .51 .46 .41 .35
39 0000   0   0   0   0   0   0 .02 .03 .05 .07 .11 .15 .20 .26 .33 .41 .49 .57 .64 .71 .76 .79 .80 .79 .76 .71 .65 .57 .49
40 0000   0   0   0   0   0   0 .03 .04 .07 .10 .15 .20 .27 .35 .45 .55 .66 .77 .87 .96 1.0 1.0 1.0 1.0 1.0 .96 .87 .77 .66
41 0000   0   0   0   0   0   0 .04 .06 .09 .13 .19 .27 .36 .46 .59 .73 .87 1.0 1.1 1.2 1.3 1.4 1.4 1.4 1.3 1.2 1.1 1.0 .87
42 0000   0   0   0   0   0   0 .05 .08 .12 .17 .25 .34 .46 .60 .75 .93 1.1 1.2 1.4 1.6 1.7 1.8 1.8 1.8 1.7 1.6 1.4 1.3 1.1
43 0000   0   0   0   0   0   0 .06 .10 .15 .22 .31 .43 .57 .74 .94 1.1 1.3 1.6 1.8 2.0 2.1 2.2 2.2 2.2 2.1 2.0 1.8 1.6 1.3
44 0000   0   0   0   0   0   0 .08 .12 .18 .26 .37 .52 .69 .90 1.1 1.4 1.6 1.9 2.2 2.4 2.6 2.7 2.7 2.7 2.6 2.4 2.2 1.9 1.6
45 0000   0   0   0   0   0   0 .09 .14 .21 .31 .44 .61 .81 1.0 1.3 1.6 1.9 2.3 2.6 2.8 3.0 3.2 3.2 3.2 3.0 2.8 2.6 2.3 1.9
46 0000   0   0   0   0   0   0 .10 .16 .24 .36 .51 .70 .93 1.2 1.5 1.8 2.2 2.6 2.9 3.2 3.5 3.6 3.7 3.6 3.5 3.2 2.9 2.6 2.2
47 0000   0   0   0   0   0   0 .12 .18 .27 .40 .56 .78 1.0 1.3 1.7 2.1 2.5 2.9 3.3 3.6 3.9 4.0 4.1 4.0 3.9 3.6 3.3 2.9 2.5
48 0000   0   0   0   0   0   0 .13 .20 .30 .43 .61 .84 1.1 1.4 1.8 2.2 2.7 3.1 3.6 3.9 4.2 4.4 4.4 4.4 4.2 3.9 3.6 3.1 2.7
49 0000   0   0   0   0   0   0 .13 .21 .31 .46 .65 .89 1.1 1.5 1.9 2.4 2.8 3.3 3.7 4.1 4.4 4.6 4.7 4.6 4.4 4.1 3.8 3.3 2.8
50 0000   0   0   0   0   0   0 .14 .21 .32 .47 .66 .91 1.2 1.5 2.0 2.4 2.9 3.4 3.8 4.2 4.5 4.7 4.8 4.7 4.6 4.3 3.9 3.4 2.9
51 0000   0   0   0   0   0   0 .14 .21 .32 .47 .66 .91 1.2 1.5 2.0 2.4 2.9 3.4 3.8 4.2 4.5 4.7 4.8 4.7 4.5 4.2 3.9 3.4 2.9
52 0000   0   0   0   0   0   0 .13 .21 .31 .45 .64 .88 1.1 1.5 1.9 2.3 2.8 3.3 3.7 4.1 4.4 4.6 4.7 4.6 4.4 4.1 3.7 3.3 2.8
53 0000   0   0   0   0   0   0 .13 .20 .29 .43 .61 .83 1.1 1.4 1.8 2.2 2.7 3.1 3.5 3.9 4.2 4.3 4.4 4.3 4.2 3.9 3.5 3.1 2.7
54 0000   0   0   0   0   0   0 .12 .18 .27 .39 .56 .77 1.0 1.3 1.6 2.0 2.4 2.8 3.2 3.6 3.8 4.0 4.0 4.0 3.8 3.6 3.2 2.9 2.4
55 0000   0   0   0   0   0   0 .10 .16 .24 .35 .50 .68 .91 1.1 1.5 1.8 2.2 2.5 2.9 3.2 3.4 3.6 3.6 3.6 3.4 3.2 2.9 2.5 2.2
56 0000   0   0   0   0   0   0 .09 .14 .21 .30 .43 .59 .79 1.0 1.3 1.6 1.9 2.2 2.5 2.8 3.0 3.1 3.1 3.1 3.0 2.8 2.5 2.2 1.9
57 0000   0   0   0   0   0   0 .07 .12 .18 .26 .36 .50 .67 .87 1.1 1.3 1.6 1.9 2.1 2.3 2.5 2.6 2.6 2.6 2.5 2.3 2.1 1.9 1.6
```

```
58 OOOO   0   0   0   0   0   0 .06 .09 .14 .21 .30 .41 .55 .72 .91 1.1 1.3 1.5 1.7 1.9 2.0 2.1 2.2 2.1 2.0 1.9 1.7 1.5 1.3
59 OOOO   0   0   0   0   0   0 .05 .07 .11 .17 .24 .33 .44 .57 .73 .90 1.0 1.2 1.4 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.4 1.2 1.0
60 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .26 .34 .45 .57 .70 .83 .97 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.1 .98 .84
61 OOOO   0   0   0   0   0   0 .03 .04 .07 .10 .14 .19 .26 .34 .43 .53 .63 .74 .83 .92 .98 1.0 1.0 1.0 .99 .92 .84 .74 .63
62 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .10 .14 .19 .25 .31 .39 .46 .54 .61 .68 .72 .76 .77 .76 .73 .68 .62 .54 .47
63 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .18 .22 .28 .33 .39 .44 .48 .52 .54 .55 .54 .52 .48 .44 .39 .33
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .09 .07 .06 .04 .03 .02 .01   0   0   0   0   0   0   0   0   00000
36  .14 .11 .09 .07 .05 .03 .02   0   0   0   0   0   0   0   0   00000
37  .20 .16 .13 .10 .07 .05 .04   0   0   0   0   0   0   0   0   00000
38  .29 .24 .19 .14 .11 .08 .05   0   0   0   0   0   0   0   0   00000
39  .41 .33 .26 .20 .15 .11 .07   0   0   0   0   0   0   0   0   00000
40  .55 .45 .36 .27 .20 .15 .10   0   0   0   0   0   0   0   0   00000
41  .73 .59 .47 .36 .27 .19 .14   0   0   0   0   0   0   0   0   00000
42  .93 .76 .60 .46 .34 .25 .18   0   0   0   0   0   0   0   0   00000
43  1.1 .94 .75 .57 .43 .31 .22   0   0   0   0   0   0   0   0   00000
44  1.4 1.1 .90 .70 .52 .38 .27   0   0   0   0   0   0   0   0   00000
45  1.6 1.3 1.0 .82 .61 .45 .31   0   0   0   0   0   0   0   0   00000
46  1.9 1.5 1.2 .94 .70 .51 .36   0   0   0   0   0   0   0   0   00000
47  2.1 1.7 1.3 1.0 .78 .57 .40   0   0   0   0   0   0   0   0   00000
48  2.2 1.8 1.4 1.1 .85 .62 .44   0   0   0   0   0   0   0   0   00000
49  2.4 1.9 1.5 1.2 .90 .65 .46   0   0   0   0   0   0   0   0   00000
50  2.4 2.0 1.6 1.2 .92 .67 .47   0   0   0   0   0   0   0   0   00000
51  2.4 2.0 1.5 1.2 .92 .67 .47   0   0   0   0   0   0   0   0   00000
52  2.4 1.9 1.5 1.1 .89 .65 .46   0   0   0   0   0   0   0   0   00000
53  2.2 1.8 1.4 1.1 .84 .61 .43   0   0   0   0   0   0   0   0   00000
54  2.0 1.7 1.3 1.0 .77 .56 .40   0   0   0   0   0   0   0   0   00000
55  1.8 1.5 1.2 .92 .69 .50 .35   0   0   0   0   0   0   0   0   00000
56  1.6 1.3 1.0 .80 .60 .44 .31   0   0   0   0   0   0   0   0   00000
57  1.3 1.1 .88 .68 .51 .37 .26   0   0   0   0   0   0   0   0   00000
58  1.1 .92 .72 .56 .42 .30 .21   0   0   0   0   0   0   0   0   00000
59  .90 .73 .58 .44 .33 .24 .17   0   0   0   0   0   0   0   0   00000
60  .70 .57 .45 .35 .26 .19 .13   0   0   0   0   0   0   0   0   00000
```

```
61  .53 .43 .34 .26 .19 .14 .10   0   0   0   0   0   0   0   0   0OOOO
62  .39 .32 .25 .19 .14 .10 .07   0   0   0   0   0   0   0   0   0OOOO
63  .28 .23 .18 .14 .10 .07 .05   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  10800.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-04     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .05 .06 .06 .06 .06 .06 .06 .06 .05 .04 .04
36 OOOO   0   0   0   0   0   0   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .09 .09 .08 .07 .06
37 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .02 .03 .04 .06 .07 .09 .10 .12 .13 .14 .14 .15 .14 .14 .13 .12 .10 .09
38 OOOO   0   0   0   0   0   0   +   + .01 .02 .02 .04 .05 .07 .08 .10 .13 .15 .17 .19 .20 .21 .21 .21 .20 .19 .17 .15 .13
39 OOOO   0   0   0   0   0   0   + .01 .02 .02 .04 .05 .07 .09 .12 .15 .18 .21 .23 .26 .28 .29 .29 .29 .28 .26 .24 .21 .18
40 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .05 .07 .10 .13 .16 .20 .24 .28 .32 .35 .38 .39 .40 .39 .38 .35 .32 .28 .24
41 OOOO   0   0   0   0   0   0 .01 .02 .03 .05 .07 .10 .13 .17 .21 .26 .32 .37 .42 .46 .50 .52 .53 .52 .50 .46 .42 .37 .32
42 OOOO   0   0   0   0   0   0 .01 .03 .04 .06 .09 .12 .17 .22 .28 .34 .41 .48 .54 .59 .64 .66 .67 .66 .64 .60 .54 .48 .41
43 OOOO   0   0   0   0   0   0 .02 .03 .05 .08 .11 .15 .21 .27 .34 .42 .51 .59 .67 .74 .79 .83 .84 .83 .79 .74 .67 .59 .51
44 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .14 .19 .25 .33 .42 .51 .62 .72 .81 .90 .96 1.0 1.0 1.0 .96 .90 .82 .72 .62
45 OOOO   0   0   0   0   0   0 .03 .05 .08 .11 .16 .22 .30 .39 .49 .61 .73 .85 .96 1.0 1.1 1.1 1.2 1.1 1.1 1.0 .96 .85 .73
46 OOOO   0   0   0   0   0   0 .04 .06 .09 .13 .18 .25 .34 .45 .56 .69 .83 .97 1.1 1.2 1.3 1.3 1.3 1.3 1.3 1.2 1.1 .97 .84
47 OOOO   0   0   0   0   0   0 .04 .06 .10 .14 .21 .28 .38 .50 .63 .77 .93 1.0 1.2 1.3 1.4 1.5 1.5 1.5 1.4 1.3 1.2 1.0 .93
48 OOOO   0   0   0   0   0   0 .04 .07 .11 .16 .22 .31 .41 .54 .68 .84 1.0 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0
49 OOOO   0   0   0   0   0   0 .05 .07 .11 .17 .24 .33 .44 .57 .72 .89 1.0 1.2 1.4 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.4 1.2 1.0
50 OOOO   0   0   0   0   0   0 .05 .08 .12 .17 .24 .33 .45 .58 .74 .91 1.0 1.2 1.4 1.5 1.7 1.7 1.7 1.7 1.7 1.5 1.4 1.2 1.0
51 OOOO   0   0   0   0   0   0 .05 .08 .12 .17 .24 .33 .45 .58 .74 .91 1.0 1.2 1.4 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.4 1.2 1.0
52 OOOO   0   0   0   0   0   0 .05 .07 .11 .16 .23 .32 .43 .56 .71 .88 1.0 1.2 1.3 1.5 1.6 1.7 1.7 1.7 1.6 1.5 1.3 1.2 1.0
53 OOOO   0   0   0   0   0   0 .04 .07 .11 .15 .22 .30 .41 .53 .67 .83 .99 1.1 1.3 1.4 1.5 1.6 1.6 1.6 1.5 1.4 1.3 1.1 1.0
54 OOOO   0   0   0   0   0   0 .04 .06 .10 .14 .20 .28 .38 .49 .62 .76 .91 1.0 1.2 1.3 1.4 1.4 1.5 1.4 1.4 1.3 1.2 1.0 .92
55 OOOO   0   0   0   0   0   0 .03 .06 .09 .13 .18 .25 .33 .44 .55 .68 .82 .95 1.0 1.1 1.2 1.3 1.3 1.3 1.2 1.1 1.0 .95 .82
56 OOOO   0   0   0   0   0   0 .03 .05 .07 .11 .16 .22 .29 .38 .48 .59 .71 .83 .94 1.0 1.1 1.1 1.1 1.1 1.1 1.0 .94 .83 .71
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57 OOOO   0   0   0   0   0   0 .02 .04 .06 .09 .13 .18 .25 .32 .41 .50 .60 .70 .79 .87 .94 .98 .99 .98 .94 .87 .79 .70 .60
58 OOOO   0   0   0   0   0   0 .02 .03 .05 .07 .11 .15 .20 .26 .33 .41 .49 .57 .65 .72 .77 .80 .81 .80 .77 .72 .65 .58 .49
59 OOOO   0   0   0   0   0   0 .01 .02 .04 .06 .08 .12 .16 .21 .27 .33 .39 .46 .52 .57 .61 .64 .65 .64 .62 .57 .52 .46 .40
60 OOOO   0   0   0   0   0   0 .01 .02 .03 .04 .07 .09 .12 .16 .21 .25 .31 .36 .40 .45 .48 .50 .51 .50 .48 .45 .41 .36 .31
61 OOOO   0   0   0   0   0   0 .01 .01 .02 .03 .05 .07 .09 .12 .15 .19 .23 .27 .30 .34 .36 .38 .38 .38 .36 .34 .31 .27 .23
62 OOOO   0   0   0   0   0   0   + .01 .01 .02 .03 .05 .07 .09 .11 .14 .17 .20 .22 .25 .26 .28 .28 .28 .27 .25 .22 .20 .17
63 OOOO   0   0   0   0   0   0   +   + .01 .01 .02 .03 .05 .06 .08 .10 .12 .14 .16 .18 .19 .20 .20 .20 .19 .18 .16 .14 .12
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35  .03 .02 .02 .01 .01   +   +   0   0   0   0   0   0   0   0   00000
36  .05 .04 .03 .02 .01 .01 .01   0   0   0   0   0   0   0   0   00000
37  .07 .06 .04 .03 .02 .02 .01   0   0   0   0   0   0   0   0   00000
38  .11 .08 .07 .05 .04 .02 .02   0   0   0   0   0   0   0   0   00000
39  .15 .12 .09 .07 .05 .04 .02   0   0   0   0   0   0   0   0   00000
40  .20 .16 .13 .10 .07 .05 .03   0   0   0   0   0   0   0   0   00000
41  .27 .22 .17 .13 .10 .07 .05   0   0   0   0   0   0   0   0   00000
42  .34 .28 .22 .17 .12 .09 .06   0   0   0   0   0   0   0   0   00000
43  .43 .35 .27 .21 .16 .11 .08   0   0   0   0   0   0   0   0   00000
44  .52 .42 .33 .25 .19 .14 .10   0   0   0   0   0   0   0   0   00000
45  .61 .49 .39 .30 .22 .16 .11   0   0   0   0   0   0   0   0   00000
46  .70 .57 .45 .34 .26 .19 .13   0   0   0   0   0   0   0   0   00000
47  .78 .63 .50 .38 .29 .21 .15   0   0   0   0   0   0   0   0   00000
48  .84 .69 .54 .42 .31 .23 .16   0   0   0   0   0   0   0   0   00000
49  .89 .72 .57 .44 .33 .24 .17   0   0   0   0   0   0   0   0   00000
50  .91 .74 .59 .45 .34 .24 .17   0   0   0   0   0   0   0   0   00000
51  .91 .74 .59 .45 .34 .24 .17   0   0   0   0   0   0   0   0   00000
52  .88 .72 .57 .44 .33 .24 .17   0   0   0   0   0   0   0   0   00000
53  .84 .68 .54 .41 .31 .22 .16   0   0   0   0   0   0   0   0   00000
54  .77 .62 .49 .38 .28 .20 .14   0   0   0   0   0   0   0   0   00000
55  .69 .56 .44 .34 .25 .18 .13   0   0   0   0   0   0   0   0   00000
56  .60 .48 .38 .29 .22 .16 .11   0   0   0   0   0   0   0   0   00000
57  .50 .41 .32 .25 .18 .13 .09   0   0   0   0   0   0   0   0   00000
58  .41 .34 .26 .20 .15 .11 .08   0   0   0   0   0   0   0   0   00000
59  .33 .27 .21 .16 .12 .09 .06   0   0   0   0   0   0   0   0   00000
60  .26 .21 .16 .12 .09 .07 .05   0   0   0   0   0   0   0   0   00000
```

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61  .19 .16 .12 .09 .07 .05 .03   0   0   0   0   0   0   0   0   00000
62  .14 .11 .09 .07 .05 .03 .02   0   0   0   0   0   0   0   0   00000
63  .10 .08 .06 .05 .03 .02 .02   0   0   0   0   0   0   0   0   00000
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        3707.         1801.      0.2532E+07  0.2526E+07   1603.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   12000.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
```

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SMALL CLOUDS AT   12000.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4064.         1826.      0.3229E+07  0.3224E+07   1810.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   13200.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5542.8
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SMALL CLOUDS AT   13200.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4422.         1851.      0.4046E+07  0.4041E+07   2026.      0.0000E+00   13.50      0.000000E+00



SUMMARY OF copper   DISTRIBUTIONS AFTER   14400.00 SEC

    TOTAL TRACER OR CONTAMINANT IN SOLUTION (MG) =     5543.0
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   +   + .01 .01 .02 .02 .03 .03 .04 .05 .06 .06 .07 .08 .09 .10 .11 .11 .11 .12 .12 .12 .11 .11 .11 .10
45 OOOO   0   0   0   + .01 .01 .02 .02 .03 .04 .05 .05 .07 .08 .09 .10 .11 .12 .13 .14 .15 .15 .16 .16 .16 .15 .15 .14 .13
46 OOOO   0   0   0 .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .12 .13 .15 .16 .17 .19 .20 .20 .21 .21 .21 .20 .20 .19 .17
47 OOOO   0   0   0 .01 .02 .02 .03 .04 .05 .06 .08 .10 .11 .13 .15 .17 .19 .21 .23 .24 .25 .26 .27 .27 .27 .26 .25 .24 .23
48 OOOO   0   0   0 .02 .02 .03 .04 .05 .07 .08 .10 .12 .15 .17 .19 .22 .24 .27 .29 .31 .32 .34 .34 .35 .34 .34 .32 .31 .29
49 OOOO   0   0   0 .02 .03 .04 .05 .07 .09 .11 .13 .16 .18 .21 .24 .28 .31 .34 .36 .39 .41 .42 .43 .44 .43 .42 .41 .39 .37
50 OOOO   0   0   0 .03 .04 .05 .07 .09 .11 .13 .16 .19 .23 .26 .30 .34 .38 .42 .45 .48 .51 .52 .54 .54 .54 .52 .51 .48 .45
51 OOOO   0   0   0 .04 .05 .06 .08 .11 .13 .16 .20 .24 .28 .32 .37 .42 .47 .51 .55 .59 .62 .64 .65 .66 .65 .64 .62 .59 .55
52 OOOO   0   0   0 .04 .06 .08 .10 .13 .16 .20 .24 .29 .34 .39 .45 .50 .56 .61 .66 .71 .74 .77 .79 .79 .79 .77 .75 .71 .67
53 OOOO   0   0   0 .05 .07 .09 .12 .15 .19 .24 .28 .34 .40 .46 .53 .60 .67 .73 .79 .84 .88 .92 .94 .94 .94 .92 .89 .84 .79
54 OOOO   0   0   0 .06 .08 .11 .14 .18 .22 .28 .33 .40 .47 .54 .62 .70 .78 .86 .92 .98 1.0 1.0 1.0 1.1 1.1 1.0 1.0 .99 .93
55 OOOO   0   0   0 .07 .10 .13 .16 .21 .26 .32 .39 .46 .54 .63 .72 .81 .90 .99 1.0 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.1 1.0
56 OOOO   0   0   0 .08 .11 .15 .19 .24 .30 .36 .44 .53 .62 .72 .82 .92 1.0 1.1 1.2 1.2 1.3 1.4 1.4 1.4 1.4 1.4 1.3 1.3 1.2
57 OOOO   0   0   0 .09 .13 .16 .21 .27 .33 .41 .49 .59 .69 .80 .92 1.0 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.5 1.5 1.4 1.3
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58 OOOO   0   0   0 .10 .14 .18 .23 .30 .37 .45 .55 .65 .77 .89 1.0 1.1 1.2 1.4 1.5 1.6 1.6 1.7 1.7 1.8 1.7 1.7 1.6 1.6 1.5
59 OOOO   0   0   0 .11 .15 .20 .26 .32 .40 .49 .60 .71 .84 .97 1.1 1.2 1.3 1.5 1.6 1.7 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.7 1.6
60 OOOO   0   0   0 .12 .16 .21 .28 .35 .43 .53 .64 .77 .90 1.0 1.1 1.3 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.1 2.1 2.0 1.9 1.8 1.7
61 OOOO   0   0   0 .13 .17 .23 .29 .37 .46 .56 .68 .81 .96 1.1 1.2 1.4 1.5 1.7 1.8 2.0 2.1 2.1 2.2 2.2 2.2 2.1 2.1 2.0 1.8
62 OOOO   0   0   0 .14 .18 .24 .31 .39 .48 .59 .71 .85 1.0 1.1 1.3 1.4 1.6 1.8 1.9 2.0 2.2 2.2 2.3 2.3 2.3 2.2 2.2 2.1 1.9
63 OOOO   0   0   0 .14 .19 .25 .32 .40 .50 .61 .74 .88 1.0 1.2 1.3 1.5 1.7 1.8 2.0 2.1 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.1 2.0
64 OOOO   0   0   0 .15 .19 .25 .32 .41 .51 .62 .75 .89 1.0 1.2 1.3 1.5 1.7 1.9 2.0 2.2 2.3 2.3 2.4 2.4 2.4 2.3 2.3 2.2 2.0
65 OOOO   0   0   0 .15 .19 .25 .32 .41 .51 .62 .75 .90 1.0 1.2 1.4 1.5 1.7 1.9 2.0 2.2 2.3 2.4 2.4 2.4 2.4 2.4 2.3 2.2 2.0
66 OOOO   0   0   0 .14 .19 .25 .32 .40 .50 .62 .74 .89 1.0 1.2 1.3 1.5 1.7 1.8 2.0 2.1 2.2 2.3 2.4 2.4 2.4 2.3 2.2 2.1 2.0
67 OOOO   0   0   0 .14 .19 .24 .31 .39 .49 .60 .73 .87 1.0 1.1 1.3 1.5 1.6 1.8 2.0 2.1 2.2 2.3 2.3 2.3 2.3 2.3 2.2 2.1 2.0
68 OOOO   0   0   0 .13 .18 .23 .30 .38 .47 .58 .70 .83 .98 1.1 1.3 1.4 1.6 1.7 1.9 2.0 2.1 2.2 2.2 2.2 2.2 2.2 2.1 2.0 1.9
69 OOOO   0   0   0 .13 .17 .22 .28 .36 .45 .55 .66 .79 .93 1.0 1.2 1.3 1.5 1.6 1.8 1.9 2.0 2.1 2.1 2.1 2.1 2.1 2.0 1.9 1.8
70 OOOO   0   0   0 .12 .16 .21 .26 .33 .42 .51 .62 .74 .87 1.0 1.1 1.3 1.4 1.5 1.7 1.8 1.9 1.9 2.0 2.0 2.0 1.9 1.9 1.8 1.7
71 OOOO   0   0   0 .11 .15 .19 .24 .31 .38 .47 .57 .68 .80 .93 1.0 1.1 1.3 1.4 1.5 1.6 1.7 1.8 1.8 1.8 1.8 1.8 1.7 1.6 1.5
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .09 .08 .07 .07 .06 .05 .04 .03 .03 .02 .02 .01   0   0   0   00000
45  .12 .11 .10 .09 .08 .07 .06 .05 .04 .03 .02 .02   0   0   0   00000
46  .16 .15 .13 .12 .10 .09 .07 .06 .05 .04 .03 .02   0   0   0   00000
47  .21 .19 .17 .15 .13 .11 .10 .08 .07 .05 .04 .03   0   0   0   00000
48  .27 .24 .22 .19 .17 .15 .12 .10 .08 .07 .05 .04   0   0   0   00000
49  .34 .31 .28 .25 .21 .18 .16 .13 .11 .09 .07 .05   0   0   0   00000
50  .42 .38 .34 .31 .27 .23 .19 .16 .13 .11 .09 .07   0   0   0   00000
51  .51 .47 .42 .37 .33 .28 .24 .20 .16 .13 .11 .08   0   0   0   00000
52  .62 .56 .51 .45 .39 .34 .29 .24 .20 .16 .13 .10   0   0   0   00000
53  .73 .67 .60 .53 .47 .40 .34 .29 .24 .19 .15 .12   0   0   0   00000
54  .86 .78 .71 .63 .55 .47 .40 .34 .28 .23 .18 .14   0   0   0   00000
55  .99 .90 .81 .72 .63 .55 .46 .39 .32 .26 .21 .17   0   0   0   00000
56  1.1 1.0 .93 .82 .72 .62 .53 .44 .37 .30 .24 .19   0   0   0   00000
57  1.2 1.1 1.0 .92 .81 .70 .59 .50 .41 .34 .27 .21   0   0   0   00000
58  1.4 1.2 1.1 1.0 .90 .77 .66 .55 .46 .37 .30 .24   0   0   0   00000
59  1.5 1.4 1.2 1.1 .98 .84 .72 .60 .50 .41 .33 .26   0   0   0   00000
60  1.6 1.5 1.3 1.2 1.0 .91 .77 .65 .54 .44 .35 .28   0   0   0   00000
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61  1.7 1.5 1.4 1.2 1.1 .96 .82 .69 .57 .46 .37 .30   0   0   0   0OOOO
62  1.8 1.6 1.5 1.3 1.1 1.0 .86 .72 .60 .49 .39 .31   0   0   0   0OOOO
63  1.8 1.7 1.5 1.3 1.2 1.0 .89 .74 .61 .50 .40 .32   0   0   0   0OOOO
64  1.9 1.7 1.5 1.4 1.2 1.0 .90 .76 .63 .51 .41 .32   0   0   0   0OOOO
65  1.9 1.7 1.5 1.4 1.2 1.0 .90 .76 .63 .51 .41 .33   0   0   0   0OOOO
66  1.9 1.7 1.5 1.3 1.2 1.0 .89 .75 .62 .51 .41 .32   0   0   0   0OOOO
67  1.8 1.6 1.5 1.3 1.1 1.0 .87 .73 .61 .49 .40 .31   0   0   0   0OOOO
68  1.7 1.6 1.4 1.3 1.1 .98 .84 .70 .58 .47 .38 .30   0   0   0   0OOOO
69  1.6 1.5 1.3 1.2 1.0 .93 .80 .67 .55 .45 .36 .29   0   0   0   0OOOO
70  1.5 1.4 1.3 1.1 1.0 .87 .74 .62 .52 .42 .34 .27   0   0   0   0OOOO
71  1.4 1.3 1.2 1.0 .93 .81 .69 .58 .48 .39 .31 .25   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM OCCURING IN THE WATER COLUMN AT THIS TIME

...MULTIPLY DISPLAYED VALUES BY  0.1000E-05     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0 .02 .03 .04 .06 .07 .09 .11 .13 .16 .19 .22 .25 .29 .32 .35 .38 .40 .42 .44 .45 .45 .45 .44 .42 .40 .38
45 OOOO   0   0   0 .03 .04 .06 .07 .10 .12 .15 .18 .22 .25 .29 .34 .38 .42 .46 .50 .53 .56 .58 .59 .60 .60 .58 .56 .54 .50
46 OOOO   0   0   0 .04 .06 .08 .10 .13 .16 .20 .24 .28 .33 .39 .44 .50 .56 .61 .66 .70 .74 .76 .78 .79 .78 .76 .74 .70 .66
47 OOOO   0   0   0 .06 .08 .10 .13 .16 .21 .25 .31 .37 .43 .50 .57 .65 .72 .79 .85 .91 .95 .99 1.0 1.0 1.0 .99 .95 .91 .85
48 OOOO   0   0   0 .07 .10 .13 .17 .21 .26 .32 .39 .47 .55 .64 .73 .82 .91 1.0 1.0 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.1 1.0
49 OOOO   0   0   0 .09 .13 .16 .21 .27 .33 .41 .49 .59 .69 .80 .92 1.0 1.1 1.2 1.3 1.4 1.5 1.5 1.6 1.6 1.6 1.5 1.5 1.4 1.3
50 OOOO   0   0   0 .12 .16 .20 .26 .33 .41 .50 .61 .73 .86 .99 1.1 1.2 1.4 1.5 1.6 1.7 1.8 1.9 1.9 2.0 1.9 1.9 1.8 1.8 1.6
51 OOOO   0   0   0 .14 .19 .25 .32 .40 .50 .62 .75 .89 1.0 1.2 1.3 1.5 1.7 1.9 2.0 2.1 2.3 2.3 2.4 2.4 2.4 2.3 2.3 2.1 2.0
52 OOOO   0   0   0 .17 .23 .30 .39 .49 .61 .74 .90 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.7 2.8 2.9 2.9 2.9 2.8 2.7 2.6 2.4
53 OOOO   0   0   0 .21 .27 .36 .46 .58 .72 .88 1.0 1.2 1.4 1.7 1.9 2.2 2.4 2.7 2.9 3.1 3.2 3.4 3.4 3.5 3.4 3.4 3.2 3.1 2.9
54 OOOO   0   0   0 .24 .32 .42 .54 .68 .84 1.0 1.2 1.4 1.7 2.0 2.3 2.6 2.9 3.1 3.4 3.6 3.8 3.9 4.0 4.0 4.0 3.9 3.8 3.6 3.4
55 OOOO   0   0   0 .28 .37 .48 .62 .78 .97 1.1 1.4 1.7 2.0 2.3 2.6 3.0 3.3 3.6 3.9 4.2 4.4 4.5 4.6 4.7 4.6 4.5 4.4 4.2 3.9
56 OOOO   0   0   0 .32 .42 .55 .71 .89 1.1 1.3 1.6 1.9 2.3 2.6 3.0 3.4 3.8 4.1 4.5 4.7 5.0 5.2 5.3 5.3 5.3 5.2 5.0 4.8 4.5
```

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57 OOOO   0   0   0 .36 .48 .62 .79 1.0 1.2 1.5 1.8 2.1 2.5 2.9 3.4 3.8 4.2 4.6 5.0 5.3 5.6 5.8 5.9 6.0 5.9 5.8 5.6 5.3 5.0
58 OOOO   0   0   0 .40 .53 .69 .88 1.1 1.3 1.6 2.0 2.4 2.8 3.3 3.7 4.2 4.7 5.1 5.5 5.9 6.2 6.4 6.6 6.6 6.6 6.4 6.2 5.9 5.6
59 OOOO   0   0   0 .44 .58 .75 .96 1.2 1.5 1.8 2.2 2.6 3.1 3.6 4.1 4.6 5.1 5.6 6.0 6.4 6.8 7.0 7.2 7.2 7.2 7.0 6.8 6.5 6.1
60 OOOO   0   0   0 .47 .62 .81 1.0 1.3 1.6 1.9 2.3 2.8 3.3 3.8 4.4 4.9 5.5 6.0 6.5 6.9 7.3 7.6 7.7 7.8 7.7 7.6 7.3 7.0 6.5
61 OOOO   0   0   0 .50 .66 .85 1.0 1.3 1.7 2.1 2.5 3.0 3.5 4.1 4.7 5.2 5.8 6.4 6.9 7.4 7.7 8.0 8.2 8.2 8.2 8.0 7.8 7.4 6.9
62 OOOO   0   0   0 .52 .69 .89 1.1 1.4 1.7 2.2 2.6 3.1 3.7 4.3 4.9 5.5 6.1 6.7 7.2 7.7 8.1 8.4 8.6 8.6 8.6 8.4 8.1 7.7 7.3
63 OOOO   0   0   0 .54 .71 .92 1.1 1.4 1.8 2.2 2.7 3.2 3.8 4.4 5.0 5.7 6.3 6.9 7.5 7.9 8.4 8.7 8.8 8.9 8.8 8.7 8.4 8.0 7.5
64 OOOO   0   0   0 .55 .72 .94 1.2 1.5 1.8 2.3 2.7 3.3 3.9 4.5 5.1 5.8 6.4 7.0 7.6 8.1 8.5 8.8 9.0 9.1 9.0 8.8 8.5 8.1 7.6
65 OOOO   0   0   0 .55 .73 .94 1.2 1.5 1.8 2.3 2.7 3.3 3.9 4.5 5.1 5.8 6.4 7.0 7.6 8.1 8.5 8.8 9.0 9.1 9.0 8.8 8.5 8.1 7.6
66 OOOO   0   0   0 .55 .72 .93 1.1 1.5 1.8 2.2 2.7 3.2 3.8 4.4 5.1 5.7 6.4 7.0 7.5 8.0 8.4 8.7 8.9 9.0 8.9 8.7 8.4 8.0 7.6
67 OOOO   0   0   0 .53 .70 .91 1.1 1.4 1.8 2.2 2.6 3.2 3.7 4.3 4.9 5.6 6.2 6.8 7.3 7.8 8.2 8.5 8.7 8.8 8.7 8.5 8.2 7.8 7.4
68 OOOO   0   0   0 .51 .67 .87 1.1 1.4 1.7 2.1 2.5 3.0 3.6 4.2 4.8 5.4 6.0 6.5 7.1 7.5 7.9 8.2 8.4 8.4 8.4 8.2 7.9 7.5 7.1
69 OOOO   0   0   0 .49 .64 .83 1.0 1.3 1.6 2.0 2.4 2.9 3.4 3.9 4.5 5.1 5.7 6.2 6.7 7.1 7.5 7.8 7.9 8.0 7.9 7.8 7.5 7.2 6.7
70 OOOO   0   0   0 .45 .60 .78 .99 1.2 1.5 1.9 2.3 2.7 3.2 3.7 4.2 4.8 5.3 5.8 6.3 6.7 7.0 7.3 7.4 7.5 7.4 7.3 7.0 6.7 6.3
71 OOOO   0   0   0 .42 .55 .71 .91 1.1 1.4 1.7 2.1 2.5 2.9 3.4 3.9 4.4 4.9 5.3 5.8 6.2 6.5 6.7 6.8 6.9 6.9 6.7 6.5 6.2 5.8
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44  .35 .32 .29 .25 .22 .19 .16 .14 .11 .09 .07 .06   0   0   0   00000
45  .47 .43 .38 .34 .30 .26 .22 .18 .15 .12 .10 .08   0   0   0   00000
46  .61 .56 .50 .45 .39 .34 .29 .24 .20 .16 .13 .10   0   0   0   00000
47  .79 .72 .65 .58 .50 .43 .37 .31 .26 .21 .17 .13   0   0   0   00000
48  1.0 .92 .83 .73 .64 .55 .47 .40 .33 .27 .21 .17   0   0   0   00000
49  1.2 1.1 1.0 .92 .81 .70 .59 .50 .41 .33 .27 .21   0   0   0   00000
50  1.5 1.4 1.2 1.1 1.0 .86 .73 .62 .51 .42 .33 .26   0   0   0   00000
51  1.9 1.7 1.5 1.3 1.2 1.0 .90 .75 .62 .51 .41 .32   0   0   0   00000
52  2.2 2.1 1.8 1.6 1.4 1.2 1.0 .91 .75 .61 .49 .39   0   0   0   00000
53  2.7 2.4 2.2 1.9 1.7 1.5 1.2 1.0 .89 .73 .58 .46   0   0   0   00000
54  3.1 2.9 2.6 2.3 2.0 1.7 1.5 1.2 1.0 .85 .68 .54   0   0   0   00000
55  3.6 3.3 3.0 2.6 2.3 2.0 1.7 1.4 1.2 .98 .79 .63   0   0   0   00000
56  4.1 3.8 3.4 3.0 2.6 2.3 1.9 1.6 1.3 1.1 .90 .71   0   0   0   00000
57  4.6 4.2 3.8 3.4 3.0 2.5 2.2 1.8 1.5 1.2 1.0 .80   0   0   0   00000
58  5.1 4.7 4.2 3.7 3.3 2.8 2.4 2.0 1.7 1.3 1.1 .89   0   0   0   00000
59  5.6 5.1 4.6 4.1 3.6 3.1 2.6 2.2 1.8 1.5 1.2 .97   0   0   0   00000
60  6.0 5.5 5.0 4.4 3.9 3.3 2.8 2.4 2.0 1.6 1.3 1.0   0   0   0   00000
```

```
61  6.4 5.9 5.3 4.7 4.1 3.5 3.0 2.5 2.1 1.7 1.3 1.1   0   0   0   00000
62  6.7 6.1 5.5 4.9 4.3 3.7 3.1 2.6 2.2 1.8 1.4 1.1   0   0   0   00000
63  6.9 6.3 5.7 5.1 4.4 3.8 3.2 2.7 2.2 1.8 1.5 1.1   0   0   0   00000
64  7.0 6.4 5.8 5.1 4.5 3.9 3.3 2.8 2.3 1.9 1.5 1.2   0   0   0   00000
65  7.1 6.5 5.8 5.2 4.5 3.9 3.3 2.8 2.3 1.9 1.5 1.2   0   0   0   00000
66  7.0 6.4 5.7 5.1 4.5 3.8 3.3 2.7 2.3 1.8 1.5 1.2   0   0   0   00000
67  6.8 6.2 5.6 5.0 4.4 3.8 3.2 2.7 2.2 1.8 1.4 1.1   0   0   0   00000
68  6.6 6.0 5.4 4.8 4.2 3.6 3.1 2.6 2.1 1.7 1.4 1.1   0   0   0   00000
69  6.2 5.7 5.1 4.5 4.0 3.4 2.9 2.4 2.0 1.6 1.3 1.0   0   0   0   00000
70  5.8 5.3 4.8 4.2 3.7 3.2 2.7 2.3 1.9 1.5 1.2 1.0   0   0   0   00000
71  5.4 4.9 4.4 3.9 3.4 2.9 2.5 2.1 1.7 1.4 1.1 .92   0   0   0   00000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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CONCENTRATIONS ABOVE BACKGROUND OF copper   (MG/L) IN THE CLOUD  14400.00 SECONDS AFTER DUMP

THESE CONCENTRATIONS ARE THE MAXIMUM THAT EVER OCCURRED IN THE WATER COLUMN DURING THE SIMULATION

...MULTIPLY DISPLAYED VALUES BY  0.1000E-03     (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .04 .08 .07 .03   +   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .37 .68 .60 .25 .05   .   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .04 .35 1.3 2.5 2.2 .93 .18   +   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .07 .63 2.4 4.5 3.9 1.6 .33   +   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .06 .54 2.0 3.8 3.3 1.4 .28 .01   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .22 .84 1.5 1.3 .57 .14 .04   +   .   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .08 .28 .66 1.0 1.0 .79 .39 .13   +   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .15 .52 1.1 1.8 1.9 1.4 .71 .24   +   +   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .19 .64 1.4 2.3 2.4 1.7 .88 .29 .01   +   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .16 .54 1.2 1.9 2.0 1.4 .74 .24 .04 .01   +   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .03 .10 .31 .71 1.1 1.1 .85 .42 .22 .10 .03   +   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .17 .37 .64 .90 1.0 .90 .64 .37 .16 .06   +   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .08 .22 .49 .86 1.2 1.3 1.2 .86 .49 .22 .08 .01   +   +
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .08 .24 .53 .93 1.3 1.4 1.3 .93 .53 .24 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .07 .21 .45 .80 1.1 1.2 1.1 .79 .45 .20 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .07 .15 .31 .54 .76 .85 .76 .54 .34 .22 .12 .06   +   +
25 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .10 .20 .35 .52 .68 .76 .74 .63 .46 .30 .16 .08 .01   +
26 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .05 .12 .24 .41 .61 .79 .89 .87 .73 .54 .34 .19 .09 .02 .01
27 OOOO   0   0   0   0   0   0   0   0   0   0   +   +   + .02 .05 .12 .24 .41 .62 .80 .90 .88 .74 .55 .35 .19 .09 .03 .02
28 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .10 .21 .36 .54 .70 .79 .77 .65 .48 .31 .17 .09 .05 .02
29 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .05 .10 .17 .27 .41 .53 .60 .59 .50 .37 .28 .19 .12 .07 .03
30 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .06 .12 .20 .29 .40 .49 .55 .56 .51 .43 .33 .23 .14 .08 .04
31 OOOO   0   0   0   0   0   0   0   0   0   +   +   + .01 .03 .07 .13 .21 .32 .43 .53 .59 .60 .56 .47 .36 .25 .16 .09 .04
32 OOOO   0   0   0   0   0   0   0   0   +   +   +   + .01 .03 .07 .13 .21 .32 .43 .52 .59 .60 .55 .46 .35 .25 .15 .09 .04
33 OOOO   0   0   0   0   0   0   0   0   +   +   + .01 .02 .03 .06 .11 .19 .28 .38 .47 .53 .53 .49 .41 .32 .22 .14 .09 .06
34 OOOO   0   0   0   0   0   0   0   0   +   +   + .01 .02 .04 .07 .11 .16 .23 .31 .38 .43 .44 .40 .34 .27 .21 .16 .11 .07
35 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .05 .08 .12 .18 .24 .30 .36 .40 .41 .40 .36 .30 .24 .18 .12 .08
36 OOOO   0   0   0   0   0   0   +   +   +   +   + .01 .02 .05 .08 .13 .18 .25 .32 .37 .41 .43 .41 .37 .32 .25 .18 .13 .08
37 OOOO   0   0   0   0   0   0   +   +   +   + .01 .01 .02 .05 .08 .12 .18 .24 .31 .36 .40 .42 .40 .36 .31 .24 .18 .12 .08
38 OOOO   0   0   0   0   0   +   +   +   +   + .01 .01 .03 .04 .07 .11 .16 .22 .28 .33 .37 .38 .37 .33 .28 .22 .16 .11 .08
39 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .05 .07 .10 .14 .19 .24 .28 .31 .32 .31 .28 .24 .20 .17 .13 .09
40 OOOO   0   0   0   0   0   +   +   +   +   + .01 .02 .03 .05 .08 .11 .15 .19 .23 .26 .29 .30 .30 .28 .25 .22 .18 .14 .10
41 OOOO   0   0   0   0   +   +   +   +   +   + .01 .02 .03 .05 .08 .11 .15 .19 .23 .27 .30 .31 .31 .29 .26 .22 .18 .14 .10
42 OOOO   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .05 .08 .11 .15 .19 .23 .26 .29 .30 .30 .28 .25 .22 .18 .14 .10
43 OOOO   0   0   0   0   +   +   +   +   + .01 .01 .02 .03 .05 .07 .10 .14 .17 .21 .24 .26 .28 .27 .26 .23 .20 .16 .13 .10
44 OOOO   0   0   0   +   +   +   +   +   + .01 .01 .02 .04 .05 .07 .10 .12 .15 .19 .21 .23 .24 .24 .23 .20 .18 .15 .13 .10
45 OOOO   0   0   0   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .15 .18 .20 .22 .23 .23 .22 .21 .19 .16 .14 .11
46 OOOO   0   0   0   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .13 .15 .18 .20 .22 .23 .23 .22 .21 .19 .16 .14 .11
47 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .02 .04 .05 .07 .10 .12 .15 .17 .19 .21 .22 .22 .22 .20 .18 .16 .13 .11
48 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .11 .14 .16 .18 .20 .21 .21 .20 .19 .17 .15 .12 .10
49 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .15 .16 .18 .19 .19 .18 .17 .15 .14 .12 .10
50 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .15 .17 .17 .17 .17 .17 .15 .14 .12 .10
51 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .09 .10 .12 .14 .15 .16 .17 .17 .17 .16 .15 .14 .12 .10
52 OOOO   0   0   0   +   +   +   +   + .01 .01 .02 .03 .04 .05 .07 .08 .10 .12 .13 .15 .16 .17 .17 .17 .16 .15 .13 .12 .10
53 OOOO   0   0   0   +   +   +   + .01 .01 .01 .02 .03 .04 .05 .06 .08 .09 .11 .13 .14 .15 .16 .16 .16 .15 .14 .13 .11 .10
54 OOOO   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .12 .13 .14 .14 .15 .14 .14 .13 .12 .11 .09
55 OOOO   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .13 .14 .14 .13 .13 .12 .11 .10
56 OOOO   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .09 .10 .11 .12 .13 .13 .14 .13 .13 .13 .12 .11 .09
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57 OOOO   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .10 .11 .12 .12 .13 .13 .13 .13 .12 .11 .10 .09
58 OOOO   0   0   0   +   +   +   + .01 .01 .02 .02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .12 .12 .12 .12 .12 .11 .10 .09
59 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .10 .11 .11 .12 .12 .11 .11 .10 .09 .08
60 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .05 .05 .06 .07 .08 .09 .10 .10 .11 .11 .11 .11 .10 .10 .09 .08
61 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .09 .10 .10 .11 .11 .11 .10 .10 .09 .08
62 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .04 .04 .05 .06 .07 .08 .09 .09 .10 .10 .10 .10 .10 .10 .09 .09 .08
63 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .06 .07 .07 .08 .09 .09 .10 .10 .10 .10 .09 .09 .08 .08
64 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .08 .08 .09 .09 .09 .09 .09 .09 .08 .08 .07
65 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .09 .09 .09 .08 .08 .08 .07
66 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .05 .05 .06 .07 .07 .08 .08 .08 .08 .09 .08 .08 .08 .08 .07
67 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .06 .06 .07 .07 .08 .08 .08 .08 .08 .08 .08 .07 .07
68 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .06 .06 .07 .07 .07 .08 .08 .08 .08 .08 .07 .07 .07
69 OOOO   0   0   0   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .05 .05 .06 .06 .07 .07 .07 .07 .08 .07 .07 .07 .07 .06
70 OOOO   0   0   0   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .07 .07 .07 .07 .07 .07 .07 .06 .06
71 OOOO   0   0   0   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .04 .04 .05 .05 .06 .06 .06 .06 .06 .06 .06 .06 .06 .05
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27   +   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
29   +   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
30 .01   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
31 .02   +   +   0   0   0   0   0   0   0   0   0   0   0   0   00000
32 .03   +   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
33 .03 .01   +   +   +   0   0   0   0   0   0   0   0   0   0   00000
34 .04 .01 .01   +   +   0   0   0   0   0   0   0   0   0   0   00000
35 .05 .02 .01   +   +   +   +   0   0   0   0   0   0   0   0   00000
36 .05 .02 .01   +   +   +   +   0   0   0   0   0   0   0   0   00000
37 .05 .03 .02   +   +   +   +   0   0   0   0   0   0   0   0   00000
38 .06 .04 .02 .01   +   +   +   +   0   0   0   0   0   0   0   00000
39 .07 .04 .03 .01 .01   +   +   +   0   0   0   0   0   0   0   00000
40 .07 .05 .03 .01 .01   +   +   +   0   0   0   0   0   0   0   00000
41 .07 .05 .03 .02 .01   +   +   +   +   +   0   0   0   0   0   00000
42 .07 .05 .03 .02 .01   +   +   +   +   +   0   0   0   0   0   00000
43 .07 .05 .04 .03 .02 .01   +   +   +   +   0   0   0   0   0   00000
44 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   0   0   0   00000
45 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   0   0   0   00000
46 .08 .06 .04 .03 .02 .01 .01   +   +   +   +   +   0   0   0   00000
47 .08 .06 .05 .03 .02 .02 .01   +   +   +   +   +   0   0   0   00000
48 .08 .06 .05 .04 .03 .02 .01 .01   +   +   +   +   0   0   0   00000
49 .08 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   0   0   0   00000
50 .09 .07 .05 .04 .03 .02 .01 .01   +   +   +   +   0   0   0   00000
51 .09 .07 .05 .04 .03 .02 .02 .01   +   +   +   +   0   0   0   00000
52 .08 .07 .05 .04 .03 .02 .02 .01 .01   +   +   +   0   0   0   00000
53 .08 .07 .05 .04 .03 .03 .02 .01 .01   +   +   +   0   0   0   00000
54 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   0   0   0   00000
55 .08 .07 .06 .05 .04 .03 .02 .01 .01 .01   +   +   0   0   0   00000
56 .08 .07 .06 .05 .04 .03 .02 .02 .01 .01   +   +   0   0   0   00000
57 .08 .07 .06 .04 .04 .03 .02 .02 .01 .01 .01   +   0   0   0   00000
58 .08 .06 .06 .05 .04 .03 .02 .02 .01 .01 .01   +   0   0   0   00000
59 .07 .07 .06 .05 .04 .03 .03 .02 .01 .01 .01   +   0   0   0   00000
60 .08 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   00000
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61  .07 .07 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
62  .07 .06 .06 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
63  .07 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
64  .07 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
65  .07 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
66  .07 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
67  .06 .06 .05 .05 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
68  .06 .06 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01   0   0   0   0OOOO
69  .06 .05 .05 .04 .04 .03 .02 .02 .02 .01 .01 .01   0   0   0   0OOOO
70  .05 .05 .04 .04 .03 .03 .02 .02 .01 .01 .01 .01   0   0   0   0OOOO
71  .05 .04 .04 .03 .03 .02 .02 .02 .01 .01 .01   +   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR copper


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID      (MG)       (MG)        (FT)        (FT)        (FT)          (FPS)

  1        4780.         1877.      0.4991E+07  0.4986E+07   2250.      0.0000E+00   13.50      0.000000E+00
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FINAL DISTRIBUTIONS OF TOTAL SETTLED MATERIAL FOLLOW.....
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TOTAL ACCUMULATED SOLID VOLUME ON BOTTOM (CU FT/GRID SQR),   14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   10.00         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   .   .   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .07 .22 .07   +   .   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .32 7.6  22 7.6 .32   +   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   . .01 3.7  90 260  90 3.7 .01   .   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 5.3 127 366 127 5.3 .03   +   .   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 1.1  23  64  23 1.6 .15 .01   +   .   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .26 2.1 8.9  17  14 5.7 1.1 .10   +   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 1.0 8.2  33  66  57  22 4.2 .41 .01   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .10 1.7  15  64 135 115  42 7.7 .74 .03   +   .   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .09 1.5  13  54 112  95  35 6.7 .68 .04   +   +   .   .
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .75 5.4  21  41  35  15 3.2 .44 .05   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .06 .40 1.9 5.9  11  10 5.1 1.7 .43 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .40 1.4 3.5 5.9 6.1 3.9 1.7 .53 .12 .02   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .37 1.2 3.1 5.1 5.3 3.6 1.6 .52 .12 .02   +   +   +
18 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .27 .87 2.0 3.2 3.4 2.4 1.1 .39 .10 .02   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .04 .16 .48 1.0 1.6 1.7 1.2 .66 .27 .09 .02   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .04 .12 .29 .58 .85 .93 .74 .45 .21 .08 .03   +   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .03 .10 .23 .43 .62 .69 .58 .39 .20 .09 .03 .01   +   +
22 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .01 .03 .09 .20 .36 .51 .57 .50 .34 .19 .09 .03 .01   +   +
23 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .08 .16 .28 .40 .45 .40 .29 .17 .08 .03 .01   +   +
24 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .01 .03 .07 .13 .23 .31 .35 .32 .24 .15 .08 .04 .02   +   +
25 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   + .01 .03 .06 .12 .19 .26 .30 .28 .22 .15 .09 .04 .02 .01   +
26 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .18 .24 .27 .26 .21 .15 .09 .05 .02 .01   +
27 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .11 .17 .22 .25 .24 .20 .15 .09 .05 .03 .01   +
28 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .18 .14 .09 .05 .03 .01   +
29 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .03 .06 .09 .13 .17 .19 .19 .17 .13 .09 .06 .03 .02 .01
30 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   + .01 .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .09 .06 .03 .02 .01
31 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   + .01 .01 .03 .05 .08 .11 .14 .16 .16 .14 .12 .09 .06 .04 .02 .01
32 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .10 .13 .14 .15 .13 .11 .09 .06 .04 .02 .01
33 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .10 .12 .13 .13 .13 .11 .08 .06 .04 .02 .01
34 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .12 .12 .12 .10 .08 .06 .04 .02 .01
35 OOOO   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .10 .11 .11 .11 .09 .08 .06 .04 .03 .02
36 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .09 .10 .10 .10 .09 .07 .06 .04 .03 .02
37 OOOO   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .07 .08 .09 .09 .09 .08 .07 .05 .04 .03 .02
38 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .06 .08 .08 .09 .08 .08 .07 .05 .04 .03 .02
39 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .02 .04 .05 .06 .07 .08 .08 .08 .07 .06 .05 .04 .03 .02
40 OOOO   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .02 .02 .03 .04 .06 .06 .07 .07 .07 .07 .06 .05 .04 .03 .02
41 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .07 .07 .07 .06 .06 .05 .04 .03 .02
42 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .05 .06 .06 .06 .06 .06 .05 .04 .04 .03 .02
43 OOOO   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .05 .06 .06 .06 .06 .05 .04 .03 .03 .02
44 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .05 .05 .05 .05 .05 .05 .04 .03 .03 .02
45 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .05 .05 .05 .05 .04 .04 .03 .03 .02
46 OOOO   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .04 .04 .04 .05 .05 .04 .04 .04 .03 .03 .02
47 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .04 .04 .04 .04 .04 .04 .03 .03 .02 .02
48 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .04 .04 .04 .04 .04 .03 .03 .02 .02
49 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .03 .03 .04 .04 .04 .04 .03 .03 .03 .02 .02
50 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .02 .02
51 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
52 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .02 .02 .02
53 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .03 .03 .03 .03 .03 .02 .02 .02 .02
54 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
55 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01
56 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
57 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .02 .02 .01 .01
58 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01 .01
59 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .02 .02 .02 .01 .01 .01 .01 .01
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60 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
61 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
62 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
63 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01
64 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01 .01   +
65 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +
66 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   + .01   +   +   +   +   +
67 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
69 OOOO   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
70 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
71 OOOO   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
21    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
23    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
25    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
26    +   +   +   +   .   .   .   .   .   .   0   0   0   0   0   00000
27    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
28    +   +   +   +   +   .   .   .   .   .   .   .   0   0   0   00000
29    +   +   +   +   +   +   .   .   .   .   .   .   .   0   0   00000
30    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
31    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
32    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
33  .01   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
34  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
35  .01   +   +   +   +   +   +   +   +   .   .   .   .   .   .   .0000
36  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
37  .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .   .0000
38  .01 .01   +   +   +   +   +   +   +   +   +   .   .   .   .   .0000
39  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
40  .01 .01   +   +   +   +   +   +   +   +   +   +   .   .   .   .0000
41  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
42  .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .   .0000
43  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .   .0000
44  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   .   .0000
45  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
46  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
47  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   .0000
48  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
49  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
50  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
51  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
52  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
53  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
54  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
55  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
56  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
57  .01 .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +0000
58  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
59  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
60  .01 .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +0000
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61  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
62  .01   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
63    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
64    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
65    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
66    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
67    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
68    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
69    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
70    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
71    +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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TOTAL THICKNESS (FT) OF NEW MATERIAL ON BOTTOM,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .05 .14 .05   +   .   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .58 1.6 .58 .02   +   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .83 2.3 .83 .03   +   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .14 .41 .15 .01   +   .   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .11 .09 .03   +   +   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .21 .43 .37 .14 .02   +   +   .   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .42 .88 .75 .27 .05   +   +   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   + .01 .08 .35 .73 .62 .23 .04   +   +   .   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .13 .26 .23 .09 .02   +   +   .   .   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .06 .06 .03 .01   +   +   .   .   .   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .03 .03 .02 .01   +   +   +   .   .   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .03 .03 .02 .01   +   +   +   .   .   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   + .01 .02 .02 .01   +   +   +   +   .   .   .
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01   +   +   +   +   +   .   .   .
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
24 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
25 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   .   .
26 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .   .
27 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
28 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
29 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
30 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
31 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   .
32 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
33 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
34 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
35 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
36 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
37 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
38 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
39 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
40 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
41 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
42 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   .
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   .   .   .   .   .
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
31    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
33    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
34    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
35    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
36    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   00000
37    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
38    +   .   .   .   .   .   .   .   .   .   0   0   0   0   0   00000
39    +   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
40    +   .   .   .   .   .   .   .   .   .   .   0   0   0   0   00000
41    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
42    +   .   .   .   .   .   .   .   .   .   .   .   0   0   0   00000
43    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
44    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   00000
45    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
46    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
47    +   .   .   .   .   .   .   .   .   .   .   .   .   .   0   00000
48    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
49    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
50    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   00000
51    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
52    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
53    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
54    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
55    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
56    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
57    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
58    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
59    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
60    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
```

```
61    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
63    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
64    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
65    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
66    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .OOOO
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
SUMMARY OF CONCENTRATIONS FOR  SAND


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  Silt


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.134E+02        1575.     1650.
2.00       0.0       0.259E+00        2625.     1725.
3.00       0.0       0.718E-02        3675.     1800.
4.00       0.0       0.245E-03        4800.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clay


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (FT)      (FT)

1.00       0.0       0.237E+03        1500.     1650.
2.00       0.0       0.442E+02        2550.     1725.
3.00       0.0       0.106E+02        3600.     1800.
4.00       0.0       0.312E+01        4650.     1875.
```

```
SUMMARY OF CONCENTRATIONS FOR  Clumps


                   MAX CONC ABOVE
                     BACKGROUND
TIME     DEPTH     ON ENTIRE GRID     X-LOC     Z-LOC
(HR)      (FT)          (MG/L)          (FT)      (FT)

1.00       0.0       0.000E+00           0.        0.
2.00       0.0       0.000E+00           0.        0.
3.00       0.0       0.000E+00           0.        0.
4.00       0.0       0.000E+00           0.        0.
```

```
SUMMARY OF CONCENTRATIONS FOR  copper

                   MAX CONC ABOVE
                     BACKGROUND       MAX CONC
TIME     DEPTH     ON ENTIRE GRID     ON GRID      X-LOC     Z-LOC
(HR)      (FT)         (MG/L)          (MG/L)       (FT)      (FT)
0.33       0.0        0.122E-03      0.270E-02      825.     1575.
0.67       0.0        0.665E-04      0.265E-02     1200.     1650.
1.00       0.0        0.394E-04      0.262E-02     1575.     1650.
1.33       0.0        0.244E-04      0.260E-02     1950.     1650.
1.67       0.0        0.165E-04      0.260E-02     2250.     1725.
2.00       0.0        0.117E-04      0.259E-02     2625.     1725.
2.33       0.0        0.845E-05      0.259E-02     3000.     1725.
2.67       0.0        0.633E-05      0.259E-02     3375.     1800.
3.00       0.0        0.486E-05      0.258E-02     3675.     1800.
3.33       0.0        0.382E-05      0.258E-02     4050.     1800.
3.67       0.0        0.305E-05      0.258E-02     4425.     1875.
4.00       0.0        0.247E-05      0.258E-02     4800.     1875.



0.33       6.8        0.451E-03      0.303E-02      825.     1575.
0.67       6.8        0.246E-03      0.283E-02     1200.     1650.
1.00       6.8        0.146E-03      0.273E-02     1575.     1650.
1.33       6.8        0.902E-04      0.267E-02     1950.     1650.
1.67       6.8        0.609E-04      0.264E-02     2250.     1725.
2.00       6.8        0.431E-04      0.262E-02     2625.     1725.
2.33       6.8        0.312E-04      0.261E-02     3000.     1725.
2.67       6.8        0.234E-04      0.260E-02     3375.     1800.
3.00       6.8        0.180E-04      0.260E-02     3675.     1800.
3.33       6.8        0.141E-04      0.259E-02     4050.     1800.
3.67       6.8        0.113E-04      0.259E-02     4425.     1875.
4.00       6.8        0.914E-05      0.259E-02     4800.     1875.
```

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           ESTIMATES OF AREAS CURRENTLY IN VIOLATION (SNAPSHOT) AND MIXING ZONES (ACCUMULATED AREA OF VIOLATION)

ÚÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄ¿
³       TIME                  SNAPSHOT                           ACCUMULATED                ³
³      ( SEC )      AREA(SQ FT)    L(FT)     W(FT)      AREA(SQ FT)    L(FT)     W(FT)      ³
³                                                                                           ³
³       1200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       2400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       3600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       4800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       6000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       7200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       8400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³       9600.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      10800.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      12000.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      13200.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³      14400.0     0.000000E+00       0.        0.     0.000000E+00       0.       0.       ³
³                                                                                           ³
ÀÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÄÙ


    *** RUN COMPLETED ***
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MODEL:  SHORT-TERM FATE OF DREDGED MATERIAL FROM SPLIT HULL BARGE OR HOPPER DREDGE
               (PC Version 5.01  MAY, 1993)
               (Extended Memory Modification: December, 1997)
               This Version Supports Grid Sizes up to 96 x 96 Points


 TITLE:


 FILE:    TmpFile .DUE


 AREA:    THE PROJECT AREA IS DESCRIBED BY A 49 X 73 GRID.

          THERE ARE 49 GRID POINTS (NMAX) IN THE Z-DIRECTION (FROM LEFT TO RIGHT)
            AND 73 GRID POINTS (MMAX) IN THE X-DIRECTION (FROM TOP TO BOTTOM).


 EXECUTION PARAMETERS:

          MODEL COEFFICIENTS SPECIFIED IN INPUT DATA (KEY1 = 1).

          PERFORM COMPLETE ANALYSIS INCLUDING DESCENT, COLLAPSE, AND TRANSPORT-DIFFUSION (KEY2 = 0).

          PERFORM TIER II INLAND DUMPING INITIAL MIXING EVALUATION
            TO COMPARE WATER QUALITY WITH STANDARD (KEY3 = 5).

          MIXING ZONE WILL BE COMPUTED SINCE A MIXING ZONE HAS NOT BEEN DESIGNATED.

          NO ANALYSIS OF A ZONE OF INITIAL DILUTION REQUESTED.

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF CONVECTIVE DESCENT RESULTS NOT REQUESTED (IPCN = 0).

          PRINTING OF DYNAMIC COLLAPSE RESULTS NOT REQUESTED (IPCL = 0).

          QUARTERLY PRINTING OF LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED (IPLT = 0).

          LONG-TERM TRANSPORT DIFFUSION RESULTS REQUESTED AT THE FOLLOWING 1 DEPTH(S):
                0.00 FT
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GRID:    NUMBER OF LONG TERM GRID POINTS IN Z-DIRECTION (NMAX) = 49

         NUMBER OF LONG TERM GRID POINTS IN X-DIRECTION (MMAX) = 73

         GRID SPACING IN Z-DIRECTION (DZ) =    75.00000 FT

         GRID SPACING IN X-DIRECTION (DX) =    75.00000 FT

         CONSTANT DEPTH GRID SPECIFIED HAVING A DEPTH (DEPC) OF    13.50000 FT.
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```
DEPTH GRID, FEET:

 M N = 1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 2     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 3     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 4     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 5     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 6     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 7     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
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53     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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56     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
57     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 59 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 67 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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 M N =35     36     37     38     39     40     41     42     43     44     45     46     47     48     49
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 8     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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58     14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.    14.
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| 60 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 61 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 62 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 63 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 64 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 65 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 66 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 67 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 68 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 69 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 70 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 71 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 72 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |
| 73 | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. |

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LEGEND FOR CODED GRID:  W = WATER POINT
                        L = LAND POINT
                        O = OPEN BOUNDARY
                        B = MIXING ZONE BOUNDARY
                        Z = ZID BOUNDARY
                        D = DUMP LOCATION
                        X = DUMMY POINT



NUMBER OF GRID POINTS WITHIN ESTUARY =  3105
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DISPOSAL LOCATION:

         THE DUMP LOCATION IS   525.0     FT (XBARGE) OR ABOUT GRID POINT # 8 FROM THE TOP OF THE GRID
           AND   1575.     FT (ZBARGE) OR ABOUT GRID POINT #22 FROM THE LEFT EDGE OF THE GRID.

         THE BOTTOM SLOPE IN THE X-DIRECTION AT THE DUMP SITE (SLOPEX, POSITIVE IF DEPTH INCREASES
           FROM TOP OF GRID TO BOTTOM OF GRID) IS  0.00 DEGREES.

         THE BOTTOM SLOPE IN THE Z-DIRECTION AT THE DUMP SITE (SLOPEZ, POSITIVE IF DEPTH INCREASES
           FROM LEFT SIDE OF GRID TO RIGHT SIDE OF GRID) IS  0.00 DEGREES.

         THE DISPOSAL LOCATION IS AT A HOLE OR DEPRESSION.
           THE LENGTH OF THE HOLE IN THE X-DIRECTION (XHOLE) IS  450.00 FT,
           THE LENGTH OF THE HOLE IN THE Z-DIRECTION (ZHOLE) IS  450.00 FT AND
           THE AVERAGE DEPTH OF THE HOLE (DHOLE) IS  45.00 FT.


AMBIENT DENSITY PROFILE:

          DEPTH (FT)     DENSITY (G/CC)
          0.0000E+00      1.0240
           3.000          1.0240
           6.000          1.0240
           12.00          1.0240
           13.50          1.0240


COMPUTED DEPTH:

         THE DEPTH AT THE DUMP LOCATION WAS INTERPOLATED TO BE   13.50     FT.


VELOCITY DISTRIBUTION:

         TWO-VELOCITY PROFILES ARE SPECIFIED IN BOTH X AND Z DIRECTIONS FOR USE AT ALL GRID POINTS PROVIDING "QUICK LOOKS".

         DEPTH IN FT IS ASSUMED CONSTANT AND VELOCITIES IN FPS ARE CONSIDERED STEADY IN TIME.

         VELOCITY PROFILE PARAMETERS FOLLOW...

                                              FROM TOP TO BOTTOM ON GRID                                  FROM LEFT TO RIGHT ON GRID
           UPPER:   DEPTH, DU1 =   6.00       X-VELOCITY, UU1 =  0.298          DEPTH, DW1 =   6.00       Z-VELOCITY, WW1 =  0.210E-01
           LOWER:   DEPTH, DU2 =   12.0       X-VELOCITY, UU2 =  0.298          DEPTH, DW2 =   12.0       Z-VELOCITY, WW2 =  0.210E-01
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BOTTOM SHEAR STRESS, LBS/SQ FT:

 M N=  1      2      3      4      5      6      7      8      9     10     11     12     13     14     15     16     17
 1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
 2  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 3  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 4  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 5  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 6  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 7  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 8  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 9  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
10  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
11  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
12  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
13  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
14  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
15  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
16  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
17  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
18  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
19  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
20  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
21  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
22  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
23  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
24  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
25  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
26  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
27  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
28  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
29  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
30  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
31  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
32  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
33  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
34  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
35  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
36  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
37  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
38  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
39  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
40  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
41  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
42  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
43  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
44  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
45  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
46  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
47  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
48  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
49  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
50  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
51  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
52  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
53  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
54  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
55  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
56  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
57  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
58  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
59  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0000 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

```
 M N= 18     19     20     21     22     23     24     25     26     27     28     29     30     31     32     33     34
  1  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
  2  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  3  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  4  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  5  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  6  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  7  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  8  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
  9  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 10  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 11  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 12  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 13  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 14  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 15  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 16  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 17  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 18  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 19  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 20  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 21  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 22  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 23  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 24  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 25  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 26  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 27  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 28  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 29  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 30  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 31  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 32  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 33  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 34  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 35  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 36  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 37  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 38  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 39  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 40  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 41  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 42  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 43  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 44  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 45  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 46  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 47  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 48  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 49  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 50  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 51  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 52  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 53  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 54  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 55  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 56  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 57  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
 58  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
```

| M | N= 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 3 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 4 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 5 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 6 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 7 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 8 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 9 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 10 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 11 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 12 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 13 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 14 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 15 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 16 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 17 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 18 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 19 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 20 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 21 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 22 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 23 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 24 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 25 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 26 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 27 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 28 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 29 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 30 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 31 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 32 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 33 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 34 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 35 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 36 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 37 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 38 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 39 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 40 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 41 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 42 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 43 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 44 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 45 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 46 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 47 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 48 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 49 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 50 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 51 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 52 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 53 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 54 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 55 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 56 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 57 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |
| 58 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 | 0.0004 |

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59  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
60  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
61  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
62  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
63  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
64  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
65  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
66  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
67  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
68  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
69  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
70  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
71  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
72  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
73  0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004 0.0004
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TIME PARAMETERS:

         DURATION OF THE DISPOSAL, TREL =      30.00 SECONDS

         DURATION OF THE SIMULATION, TSTOP =   14400.00 SECONDS

         LONG-TERM TIME STEP USED IN THE SIMULATION, DTL =    1200.00 SECONDS


BARGE DESCRIPTION:

         LENGTH OF BARGE, BARGL =  0.20E+03 FT

         WIDTH OF BARGE, BARGW =   50.     FT

         DRAFT OF LOADED BARGE, DREL1 =   12.0     FT

         DRAFT OF UNLOADED BARGE, DREL2 =   3.00     FT
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MODEL COEFFICIENTS READ FROM INPUT:
         TURBULENT THERMAL ENTRAINMENT             ALPHA0 =    0.2350
         SETTLING COEFFICIENT                      BETA   =    0.0000
         APPARENT MASS COEFFICIENT                 CM     =    1.0000
         DRAG COEFFICIENT FOR A SPHERE             CD     =    0.5000
         RATIO--CLOUD/AMBIENT DENSITY GRADIENTS    GAMA   =    0.2500
         FORM DRAG FOR COLLAPSING CLOUD            CDRAG  =    1.0000
         SKIN FRICTION FOR COLLAPSING CLOUD        CFRIC  =    0.0100
         DRAG FOR AN ELLIPSOIDAL WEDGE             CD3    =    0.1000
         DRAG FOR A PLATE                          CD4    =    1.0000
         ENTRAINMENT IN COLLAPSE                   ALPHAC =    0.1000
         FRICTION BETWEEN CLOUD AND BOTTOM         FRICTN =    0.0100
         4/3 LAW HORIZ. DIFF. DISSIPATION FACTOR   ALAMDA  =    0.0010
         UNSTRATIFIED WATER VERT. DIFF. COEF.      AKY0    =    0.0250
         STRIPPING COEF. OF FINES DURING CONVERTIVE DESCENT=    0.0030
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MATERIAL DESCRIPTION:    4 SOLIDS FRACTIONS


                              L A Y E R  1


                      SPEC. GRAV.   VOLUMETRIC     FALL    DEPOSITIONAL
         DESCRIPTION  OR DENSITY  CONCENTRATION  VELOCITY   VOID RATIO   CHARACTER
                       (GM/CC)      (VOL/VOL)      (FPS)
           SAND        2.700        0.7640E-01    0.10000    0.6000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.2500E-01 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Silt        2.650        0.1340        0.01000     4.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.8500E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clay        2.650        0.6070E-01    0.00200     7.500       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =  0.3800E-02 LBS/SQ. FT.
               SEDIMENT FRACTION WILL BE STRIPPED DURING CONVECTIVE DESCENT.

           Clumps      1.600        0.2711        3.00000    0.4000       NONCOHESIVE
               CRITICAL SHEAR STRESS FOR DEPOSITION =   99.00     LBS/SQ. FT.
               SEDIMENT FRACTION WILL NOT BE STRIPPED DURING CONVECTIVE DESCENT.



WATER QUALITY ANALYSIS DATA:

         CONCENTRATIONS OF mercury  FOLLOWING INITIAL MIXING OF THE FLUID
           ARE COMPUTED FOR WATER QUALITY EVALUATIONS.

         THE INITIAL CONCENTRATION OF mercury  IS  0.214000E-04 MG/L
           AND ITS BACKGROUND CONCENTRATION IS  0.1610000E-04 MG/L.

         THE WATER QUALITY STANDARD FOR mercury  IS  0.9400000E-03 MG/L.


                      SPEC. GRAV.   VOLUMETRIC
         DESCRIPTION  OR DENSITY  CONCENTRATION
                        (GM/CC)     (VOL/VOL)

           FLUID       1.024        0.4578
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DISCHARGE PARAMETERS:

         VOLUME OF LAYER 1 =    2000.     CU YD

         DEPTH IS TOO SHALLOW FOR CONVECTIVE DESCENT SO DESCENT IS BYPASSED.
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CLOUD COLLAPSE PHASE:


         IN TRIAL #1 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.10000000     SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS    6.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #2 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.16666667E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS 1137.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #3 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.31555556E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  836.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.

         IN TRIAL #4 THE COLLAPSE PHASE TIME STEP (DT) WAS  0.43914816E-02 SECONDS.
                     THE TOTAL NUMBER OF INTEGRATION TIME STEPS (ISTEP) FOR CONVECTIVE DESCENT AND COLAPSE WAS  701.
                     THE INTEGRATION TIME STEP NUMBER WHEN THE BED WAS ENCOUNTERED (IBED) WAS    1.
                     THE BOTTOM WAS ENCOUNTERED DURING CONVECTIVE DESCENT.
                     DIFFUSION OF THE DISCHARGE IS GREATER THAN DYNAMIC SPREADING FROM THE COLLAPSE.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       560.3      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       8.761      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       5.777      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       4.255      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       3.355      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       2.758      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   2.327      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   2.003      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     1) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   1.749      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     1) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       3534.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       982.8      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       15.37      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       10.13      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       7.461      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       5.884      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       4.838      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   4.083      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   3.512      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     2) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   3.066      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     2) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       6199.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
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```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS      THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    1
  30.31       500.3       1575.       143.3       9.063       1.013       445.2      0.0000E+00        71               1

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    2
  30.61       500.2       1575.       159.3       10.08      0.4471       6.960      0.0000E+00       141              71

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    3
  30.92       500.2       1575.       171.4       10.52      0.2734       4.589      0.0000E+00       211             141

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    4
  31.23       500.2       1575.       181.1       10.80      0.1911       3.380      0.0000E+00       281             211

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    5
  31.54       500.2       1575.       189.1       10.99      0.1448       2.665      0.0000E+00       351             281

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    6
  31.84       500.2       1575.       195.8       11.13      0.1152       2.190      0.0000E+00       421             351

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    7
  32.15       500.2       1575.       201.6       11.25      0.9467E-01   1.849      0.0000E+00       491             421

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    8
  32.46       500.2       1575.       206.7       11.34      0.7957E-01   1.591      0.0000E+00       561             491

NEW CLOUD CREATED, NTCLD(K) (K =     3) =    9
  32.77       500.2       1575.       211.1       11.42      0.6810E-01   1.389      0.0000E+00       631             561

NEW CLOUD CREATED, NTCLD(K) (K =     3) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       2808.      0.0000E+00       701             631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

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TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (CU FT)     (CU FT)     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    1
  30.31       500.3       1575.       143.3       13.50      0.1000E-02   944.6      0.0000E+00        71                1

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    2
  30.61       500.2       1575.       159.3       13.50      0.1000E-02   3525.      0.0000E+00       141               71

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    3
  30.92       500.2       1575.       171.4       13.50      0.1000E-02   2797.      0.0000E+00       211              141

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    4
  31.23       500.2       1575.       181.1       13.50      0.1000E-02   2123.      0.0000E+00       281              211

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    5
  31.54       500.2       1575.       189.1       13.50      0.1000E-02   1565.      0.0000E+00       351              281

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    6
  31.84       500.2       1575.       195.8       13.50      0.1000E-02   1130.      0.0000E+00       421              351

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    7
  32.15       500.2       1575.       201.6       13.50      0.1000E-02   801.7      0.0000E+00       491              421

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    8
  32.46       500.2       1575.       206.7       13.50      0.1000E-02   561.0      0.0000E+00       561              491

NEW CLOUD CREATED, NTCLD(K) (K =     4) =    9
  32.77       500.2       1575.       211.1       13.50      0.1000E-02   388.0      0.0000E+00       631              561

NEW CLOUD CREATED, NTCLD(K) (K =     4) =   10
  33.07       500.2       1575.       215.1       10.07       3.431       804.3      0.0000E+00       701              631


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
TIME FROM       CLOUD CENTROID      CLOUD X-Z   DEPTH OF   CLOUD VERT.  T O T A L  ENTRAINED   TIME STEP WHEN   TIME STEP WHEN
 DISPOSAL   X-LOCATION  Z-LOCATION   DIAMETER  TOP OF CLOUD THICKNESS     M A S S      MASS       THIS CLOUD     PREVIOUS CLOUD
  (SEC)        (FT)        (FT)        (FT)        (FT)        (FT)      (  MG )     (  MG )     WAS CREATED      WAS CREATED

NEW CLOUD CREATED, NTCLD(K) (K =     5) =    1
  33.07       500.2       1575.       215.1       10.07       3.431       38.59       23.61               701           1


NOTE -- When all solid material has settled from a cloud, the cloud is erased and
          the remaining clouds for this solids type are renumbered.
```

```
LONG TERM DIFFUSION RESULTS:


    BEGIN LONG TERM SIMULATION OF FATE OF SAND




SUMMARY OF SAND     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.00000E+00
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     4125.6



     COMPUTATIONS FOR SAND     TERMINATED AT    1200.00  SEC. ELAPSED TIME...MATERIAL SETTLED TO BOTTOM
```

```
BOTTOM ACCUMULATION OF SAND     (CU FT/GRID SQUARE) ,   1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .02 .01   +   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .09 .33 .58 .52 .22 .05   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .18 1.3 4.7 8.4 7.4 3.2 .71 .07   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .08 1.2 9.4  35  63  55  24 5.1 .55 .03   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .31 4.5  34 130 246 214  88  18 1.9 .10   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .55 8.1  61 242 471 409 162  33 3.4 .18   +   .   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .48 7.0  53 208 403 350 140  28 3.0 .16   +   .   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .21 3.0  22  84 157 138  58  12 1.3 .07   +   .   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .04 .65 4.7  17  31  28  12 2.5 .28 .01   +   .   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .07 .50 1.8 3.2 2.8 1.2 .27 .03   +   .   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .02 .09 .17 .15 .06 .01   +   .   .   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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THICKNESS (FT) OF SAND     ACCUMULATED ON BOTTOM,     1200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000          (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   .   .   .   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   .   .   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .03 .06 .06 .02   +   +   .   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .06 .13 .11 .04   +   +   .   .   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .11 .09 .03   +   +   .   .   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .02 .04 .03 .01   +   +   .   0   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   +   +   +   +   +   .   .   0   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   0   0   0   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   0   0   0   0   0   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Silt




SUMMARY OF Silt     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     144.63
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7091.4




SUMMARY OF Silt     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     57.868
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7178.1




SUMMARY OF Silt     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     23.601
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7212.4
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Silt     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   + .01 .01 .01   +   +   +   +   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .02 .04 .05 .06 .05 .04 .02 .01   +   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .04 .09 .16 .22 .25 .22 .16 .09 .04 .01   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .14 .30 .54 .76 .85 .76 .54 .30 .14 .05   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .04 .13 .37 .82 1.4 2.0 2.3 2.0 1.4 .82 .37 .13   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .08 .28 .79 1.7 3.1 4.5 5.0 4.5 3.1 1.7 .79 .28   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .03 .14 .48 1.3 3.0 5.5 7.8 8.8 7.8 5.5 3.0 1.3 .48   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .19 .66 1.8 4.1 7.6  11  12  11 7.5 4.1 1.8 .66   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .20 .71 2.0 4.5 8.2  12  13  12 8.2 4.5 2.0 .71   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .04 .18 .61 1.7 3.8 7.0  10  11  10 7.0 3.8 1.7 .61   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .12 .42 1.1 2.6 4.7 6.8 7.6 6.8 4.7 2.6 1.1 .42   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .06 .23 .64 1.4 2.5 3.6 4.0 3.6 2.5 1.4 .64 .23   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .10 .28 .62 1.0 1.5 1.7 1.5 1.0 .62 .28 .10   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .03 .10 .21 .38 .53 .59 .53 .38 .21 .10 .03   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   3600.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .06 .25 .78 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .53 1.0 1.6 1.8 1.4 .85 .40 .15 .05 .01   +   +
21 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .19 .46 .88 1.2 1.4 1.2 .82 .43 .18 .06 .01   +   +
22 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .06 .19 .45 .82 1.1 1.3 1.1 .81 .44 .19 .06 .02   +   +
23 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .05 .16 .37 .68 .98 1.1 .98 .68 .37 .16 .05 .01   +   +
24 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .04 .11 .25 .45 .65 .73 .65 .45 .25 .11 .04 .01   +   +
25 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .02 .06 .13 .24 .34 .39 .34 .24 .13 .06 .02   +   +   +
26 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .02 .05 .10 .14 .16 .14 .10 .05 .02 .01   +   +   +
27 0000   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .03 .05 .05 .05 .03 .02   +   +   +   +   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   +   +   .   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
31 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   .   .   .   .   .   .   0   0
32 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0   0
33 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   0   0   0   0   0   0   0
34 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    +   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    3600.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        1564.         1650.       3.674      0.0000E+00   466.9      0.0000E+00   13.50      0.100000E-01
  2        1564.         1650.      0.9189      0.0000E+00   491.6      0.0000E+00   13.50      0.100000E-01
  3        1564.         1650.      0.6027      0.0000E+00   509.9      0.0000E+00   13.50      0.100000E-01
  4        1564.         1650.      0.4163      0.0000E+00   524.4      0.0000E+00   13.50      0.100000E-01
  5        1564.         1650.      0.3492      0.0000E+00   536.2      0.0000E+00   13.50      0.100000E-01
  6        1563.         1650.      0.2863      0.0000E+00   546.1      0.0000E+00   13.50      0.100000E-01
  7        1563.         1650.      0.2448      0.0000E+00   554.5      0.0000E+00   13.50      0.100000E-01
  8        1563.         1650.      0.2099      0.0000E+00   561.8      0.0000E+00   13.50      0.100000E-01
  9        1563.         1650.      0.1815      0.0000E+00   568.2      0.0000E+00   13.50      0.100000E-01
 10        1563.         1650.       16.72      0.0000E+00   573.9      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER    4800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     9.6253
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7226.4




SUMMARY OF Silt     DISTRIBUTIONS AFTER    6000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     3.9256
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7232.1




SUMMARY OF Silt     DISTRIBUTIONS AFTER    7200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1.6010
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7234.4

    MAX CONC IS 0.00000010 OUTPUT SUPPRESSED AT    0.00 FT
```

```
BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,   7200.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .07 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .07 .08 .09 .08 .07 .05 .03 .02 .01   +
35 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .05 .06 .07 .07 .06 .05 .04 .03 .02 .01   +
36 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .04 .05 .05 .05 .04 .03 .02 .01 .01   +
37 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .03 .03 .04 .04 .04 .03 .02 .02 .01   +   +
38 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01   +   +
39 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .02 .02 .02 .01 .01   +   +   +
40 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01   +   +   +   +
41 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
42 OOOO   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
43 OOOO   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
44 OOOO   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
45 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   .
48 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .
49 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   0   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
33    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
34    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
35    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
36    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
37    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
38    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
39    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
40    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
41    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
42    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
43    +   +   +   .   .   .   .   .   .   0   0   0   0   0   0   00000
44    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
45    +   +   .   .   .   .   .   .   0   0   0   0   0   0   0   00000
46    +   .   .   .   .   .   .   0   0   0   0   0   0   0   0   00000
47    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
48    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

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SMALL CLOUDS AT    7200.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        2637.         1726.      0.2492      0.0000E+00   915.3      0.0000E+00   13.50      0.100000E-01
  2        2637.         1726.      0.6233E-01  0.0000E+00   946.7      0.0000E+00   13.50      0.100000E-01
  3        2637.         1726.      0.4089E-01  0.0000E+00   969.8      0.0000E+00   13.50      0.100000E-01
  4        2636.         1726.      0.2824E-01  0.0000E+00   987.9      0.0000E+00   13.50      0.100000E-01
  5        2636.         1726.      0.2369E-01  0.0000E+00   1003.      0.0000E+00   13.50      0.100000E-01
  6        2636.         1726.      0.1942E-01  0.0000E+00   1015.      0.0000E+00   13.50      0.100000E-01
  7        2636.         1726.      0.1660E-01  0.0000E+00   1026.      0.0000E+00   13.50      0.100000E-01
  8        2636.         1726.      0.1424E-01  0.0000E+00   1035.      0.0000E+00   13.50      0.100000E-01
  9        2636.         1726.      0.1231E-01  0.0000E+00   1043.      0.0000E+00   13.50      0.100000E-01
 10        2636.         1726.       1.134      0.0000E+00   1050.      0.0000E+00   13.50      0.100000E-01





SUMMARY OF Silt     DISTRIBUTIONS AFTER    8400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.65294
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.3





SUMMARY OF Silt     DISTRIBUTIONS AFTER    9600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.26630
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.7





SUMMARY OF Silt     DISTRIBUTIONS AFTER   10800.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.10861
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.9

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  10800.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .07 .05 .04 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .07 .06 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
40 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .01 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   0   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   0   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   0   0   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   .   .   .
63 OOOO   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
64 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
65 OOOO   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
66 OOOO   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
67 OOOO   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
68 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   0OOOO
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   0OOOO
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   0OOOO
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0OOOO
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   0OOOO
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0OOOO
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   0OOOO
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   0OOOO
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   0OOOO
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   0OOOO
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
38    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   0OOOO
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   0OOOO
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   0OOOO
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .OOOO
49    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
50    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .OOOO
51    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
52    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   0OOOO
53    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0OOOO
54    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   0OOOO
55    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
56    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   0OOOO
57    +   +   +   +   .   .   .   .   .   .   .   .   .   .   0   0OOOO
58    +   +   +   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
59    +   +   .   .   .   .   .   .   .   .   .   .   .   .   0   0OOOO
60    +   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
```

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61    .   .   .   .   .   .   .   .   .   .   .   .   .   0   0   0OOOO
62    .   .   .   .   .   .   .   .   .   .   .   .   0   0   0   0OOOO
63    .   .   .   .   .   .   .   .   .   .   .   0   0   0   0   0OOOO
64    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
65    .   .   .   .   .   .   .   .   .   .   0   0   0   0   0   0OOOO
66    .   .   .   .   .   .   .   .   .   0   0   0   0   0   0   0OOOO
67    .   .   .   .   .   .   .   .   0   0   0   0   0   0   0   0OOOO
68    .   .   .   .   .   .   0   0   0   0   0   0   0   0   0   0OOOO
69    .   .   .   .   .   0   0   0   0   0   0   0   0   0   0   0OOOO
70    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0OOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   10800.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        3710.         1801.      0.1691E-01  0.0000E+00   1461.      0.0000E+00   13.50      0.100000E-01
  2        3710.         1801.      0.4229E-02  0.0000E+00   1498.      0.0000E+00   13.50      0.100000E-01
  3        3709.         1801.      0.2774E-02  0.0000E+00   1525.      0.0000E+00   13.50      0.100000E-01
  4        3709.         1801.      0.1916E-02  0.0000E+00   1547.      0.0000E+00   13.50      0.100000E-01
  5        3709.         1801.      0.1607E-02  0.0000E+00   1564.      0.0000E+00   13.50      0.100000E-01
  6        3709.         1801.      0.1317E-02  0.0000E+00   1578.      0.0000E+00   13.50      0.100000E-01
  7        3709.         1801.      0.1126E-02  0.0000E+00   1591.      0.0000E+00   13.50      0.100000E-01
  8        3709.         1801.      0.9658E-03  0.0000E+00   1601.      0.0000E+00   13.50      0.100000E-01
  9        3709.         1801.      0.8352E-03  0.0000E+00   1610.      0.0000E+00   13.50      0.100000E-01
 10        3709.         1801.      0.7693E-01  0.0000E+00   1619.      0.0000E+00   13.50      0.100000E-01




SUMMARY OF Silt     DISTRIBUTIONS AFTER   12000.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.44293E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7235.9




SUMMARY OF Silt     DISTRIBUTIONS AFTER   13200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.18065E-01
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7236.0




SUMMARY OF Silt     DISTRIBUTIONS AFTER   14400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =    0.73674E-02
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     7236.0

    MAX CONC IS 0.00000000 OUTPUT SUPPRESSED AT    0.00 FT
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 0000   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 0000   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 0000   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 0000   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 0000   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 0000   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 0000   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 0000   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 0000   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 0000   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 0000   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .07 .05 .04 .02 .01   +
35 0000   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .07 .06 .04 .03 .02 .01   +
36 0000   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01   +
37 0000   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
38 0000   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 0000   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
40 0000   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01   +   +
41 0000   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
42 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
45 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 0000   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 0000   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 0000   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 0000   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 0000   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 0000   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
```

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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
```

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61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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SMALL CLOUDS AT   14400.00 SECONDS ELAPSED TIME FOR Silt


       LOCATION OF CLOUD CENTROID   MASS FROM   ENTRAINED   CLOUD X-Z   DEPTH OF   CLOUD VERT.   SOLIDS FALL
CLOUD         DISTANCE FROM          DISPOSAL     MASS      DIAMETER  TOP OF CLOUD  THICKNESS     VELOCITY
  #    TOP OF GRID   LEFT OF GRID    (CU FT)     (CU FT)      (FT)        (FT)        (FT)          (FPS)

  1        4782.         1877.      0.1147E-02  0.0000E+00   2090.      0.0000E+00   13.50      0.100000E-01
  2        4782.         1877.      0.2869E-03  0.0000E+00   2132.      0.0000E+00   13.50      0.100000E-01
  3        4782.         1877.      0.1882E-03  0.0000E+00   2163.      0.0000E+00   13.50      0.100000E-01
  4        4782.         1877.      0.1300E-03  0.0000E+00   2187.      0.0000E+00   13.50      0.100000E-01
  5        4782.         1877.      0.1090E-03  0.0000E+00   2206.      0.0000E+00   13.50      0.100000E-01
  6        4782.         1877.      0.8937E-04  0.0000E+00   2223.      0.0000E+00   13.50      0.100000E-01
  7        4782.         1877.      0.7641E-04  0.0000E+00   2236.      0.0000E+00   13.50      0.100000E-01
  8        4782.         1877.      0.6552E-04  0.0000E+00   2248.      0.0000E+00   13.50      0.100000E-01
  9        4782.         1877.      0.5666E-04  0.0000E+00   2259.      0.0000E+00   13.50      0.100000E-01
 10        4782.         1877.      0.5219E-02  0.0000E+00   2268.      0.0000E+00   13.50      0.100000E-01
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BOTTOM ACCUMULATION OF Silt     (CU FT/GRID SQUARE) ,  14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   .   .   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .03 .03 .01   +   +   .   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .15 .56 1.0 .89 .39 .08   +   +   .   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .31 2.2 8.1  15  13 5.6 1.2 .13   +   +   .   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .15 2.2  16  59 108  95  41 8.8 .95 .05   +   .   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .54 7.9  59 224 422 369 152  32 3.3 .18   +   .   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .03 .95  14 105 416 809 702 278  56 5.9 .32   +   +   .   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .02 .83  12  91 358 692 601 241  49 5.2 .28   +   +   .   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .37 5.3  39 146 271 238 100  21 2.3 .14   +   +   .   .
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .11 1.2 8.7  31  56  50  22 5.2 .73 .08 .01   +   +   .
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   .   .   +   + .07 .42 1.9 5.6  10 9.3 5.2 1.9 .52 .11 .01   +   +   .
17 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .08 .38 1.3 3.3 5.5 5.9 4.0 1.8 .61 .14 .02   +   +   .
18 OOOO   0   0   0   0   0   0   0   0   0   0   .   .   +   + .01 .07 .34 1.1 2.8 4.5 4.8 3.4 1.6 .56 .14 .03   +   +   +
19 OOOO   0   0   0   0   0   0   0   0   0   .   .   .   +   + .01 .06 .25 .79 1.7 2.8 3.0 2.2 1.1 .45 .14 .03   +   +   +
20 OOOO   0   0   0   0   0   0   0   0   0   .   .   +   +   + .01 .06 .20 .54 1.0 1.6 1.8 1.4 .87 .41 .16 .05 .01   +   +
21 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .20 .48 .90 1.3 1.4 1.2 .84 .45 .19 .07 .02   +   +
22 OOOO   0   0   0   0   0   0   0   0   .   .   .   +   +   + .02 .07 .21 .48 .87 1.2 1.4 1.2 .86 .48 .22 .08 .02   +   +
23 OOOO   0   0   0   0   0   0   0   .   .   .   .   +   +   + .02 .07 .19 .43 .76 1.0 1.2 1.1 .78 .45 .21 .08 .03   +   +
24 OOOO   0   0   0   0   0   0   0   .   .   .   +   +   +   + .02 .06 .16 .34 .59 .83 .94 .85 .62 .37 .19 .08 .03 .01   +
25 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .13 .26 .43 .59 .67 .62 .47 .30 .16 .08 .03 .01   +
26 OOOO   0   0   0   0   0   0   .   .   .   .   +   +   +   + .02 .05 .11 .21 .33 .44 .50 .48 .38 .26 .15 .08 .03 .01   +
27 OOOO   0   0   0   0   0   0   .   .   .   +   +   +   +   + .02 .05 .10 .18 .27 .36 .41 .40 .33 .23 .15 .08 .04 .01   +
28 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .09 .15 .23 .31 .35 .34 .29 .21 .13 .07 .04 .01   +
29 OOOO   0   0   0   0   0   .   .   .   .   +   +   +   +   + .02 .04 .07 .13 .19 .25 .28 .28 .24 .18 .12 .07 .03 .01   +
30 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .06 .10 .15 .19 .22 .22 .19 .15 .10 .06 .03 .01   +
31 OOOO   0   0   0   0   .   .   .   .   .   +   +   +   +   + .01 .03 .05 .08 .12 .15 .17 .17 .15 .12 .08 .05 .03 .01   +
32 OOOO   0   0   0   0   .   .   .   .   +   +   +   +   +   + .01 .02 .04 .07 .09 .12 .13 .13 .12 .10 .07 .05 .03 .01   +
33 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .05 .08 .09 .11 .11 .10 .08 .06 .04 .02 .01   +
34 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .02 .03 .04 .06 .08 .09 .09 .08 .07 .05 .04 .02 .01   +
35 OOOO   0   0   0   .   .   .   .   .   +   +   +   +   +   + .01 .01 .02 .04 .05 .06 .07 .07 .07 .06 .04 .03 .02 .01   +
36 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .02 .03 .04 .05 .05 .06 .05 .05 .04 .03 .02 .01   +
37 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .03 .04 .04 .04 .04 .04 .03 .02 .01 .01   +
38 OOOO   0   0   .   .   .   .   .   .   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .03 .03 .02 .02 .01 .01   +
39 OOOO   0   .   .   .   .   .   .   .   +   +   +   +   +   +   +   + .01 .01 .02 .02 .03 .03 .03 .02 .02 .01 .01 .01   +
40 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .02 .02 .02 .01 .01   +   +
41 OOOO   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .02 .02 .02 .01 .01 .01 .01   +   +
42 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01 .01 .01   +   +   +
43 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01 .01 .01   +   +   +   +
44 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   + .01 .01 .01 .01 .01   +   +   +   +   +
45 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
46 OOOO   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
47 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
48 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
49 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
50 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
51 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
52 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
53 OOOO   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
54 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
55 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
56 OOOO   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
57 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
58 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
59 OOOO   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
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60 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
61 OOOO   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
62 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
63 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
64 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
65 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +   +   +
66 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +   +
67 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   +   +   +   +
68 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .
69 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
70 OOOO   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
71 OOOO   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    +   .   .   .   0   0   0   0   0   0   0   0   0   0   0   00000
21    +   .   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
22    +   +   .   .   .   0   0   0   0   0   0   0   0   0   0   00000
23    +   +   .   .   .   .   0   0   0   0   0   0   0   0   0   00000
24    +   +   +   .   .   .   0   0   0   0   0   0   0   0   0   00000
25    +   +   +   .   .   .   .   0   0   0   0   0   0   0   0   00000
26    +   +   +   .   .   .   .   .   0   0   0   0   0   0   0   00000
27    +   +   +   +   .   .   .   .   0   0   0   0   0   0   0   00000
28    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
29    +   +   +   +   .   .   .   .   .   0   0   0   0   0   0   00000
30    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
31    +   +   +   +   +   .   .   .   .   .   0   0   0   0   0   00000
32    +   +   +   +   +   .   .   .   .   .   .   0   0   0   0   00000
33    +   +   +   +   +   +   .   .   .   .   .   0   0   0   0   00000
34    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
35    +   +   +   +   +   +   .   .   .   .   .   .   0   0   0   00000
36    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
37    +   +   +   +   +   +   +   .   .   .   .   .   .   0   0   00000
38    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
39    +   +   +   +   +   +   +   .   .   .   .   .   .   .   0   00000
40    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
41    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   00000
42    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   00000
43    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
44    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
45    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
46    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
47    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
48    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
49    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
50    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
51    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
52    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
53    +   +   +   +   +   +   +   +   .   .   .   .   .   .   .   .0000
54    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
55    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
56    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
57    +   +   +   +   +   +   +   .   .   .   .   .   .   .   .   .0000
58    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
59    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
60    +   +   +   +   +   +   .   .   .   .   .   .   .   .   .   .0000
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61    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
62    +   +   +   +   +   .   .   .   .   .   .   .   .   .   .   .0000
63    +   +   +   +   .   .   .   .   .   .   .   .   .   .   .   .0000
64    +   +   +   .   .   .   .   .   .   .   .   .   .   .   .   .0000
65    +   +   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
66    +   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
67    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
68    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
69    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
70    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
71    .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .0000
72 00000000000000000000000000000000000000000000000000000000000000000000
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THICKNESS (FT) OF Silt     ACCUMULATED ON BOTTOM,    14400.00 SECONDS AFTER DUMP
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
 3 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   0   0   0   0   0   0
 8 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   .   .   0   0   0   0   0
 9 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .01 .01   +   +   +   .   0   0   0   0
10 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .01 .05 .10 .09 .04   +   +   .   .   0   0   0
11 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .05 .21 .41 .36 .14 .03   +   +   .   0   0   0
12 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .10 .40 .79 .68 .27 .05   +   +   .   0   0   0
13 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   + .01 .08 .35 .67 .58 .23 .04   +   +   .   0   0   0
14 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   + .03 .14 .26 .23 .09 .02   +   +   .   0   0   0
15 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   +   +   + .03 .05 .04 .02   +   +   .   .   .   0   0
16 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
17 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   0   0
18 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
19 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
20 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   0
21 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
22 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
23 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
24 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
25 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
26 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
27 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   +   +   +   +   +   +   +   +   +   .   .   .   .
28 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
29 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
30 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   +   +   +   +   +   +   +   +   .   .   .   .
31 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   +   +   +   +   +   +   .   .   .   .   .
32 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   +   +   +   +   +   .   .   .   .   .
33 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   +   +   +   .   .   .   .   .   .
34 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
35 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
36 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
37 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
38 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
39 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
40 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
41 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
42 0000   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
43 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
44 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
45 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
46 0000   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
47 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
48 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
49 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
50 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
51 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
52 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .   .
53 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   .   .
54 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   .   .   0
55 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   .   .   .   .   0   0
56 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   .   .   .   .   .   0   0   0   0
57 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
58 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 0000   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
```

```
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
M N= 32  33  34  35  36  37  38  39  40  41  42  43  44  45  46  47  48
 2 00000000000000000000000000000000000000000000000000000000000000000000
 3    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 4    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 5    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 6    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 7    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 8    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
 9    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
10    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
11    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
12    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
13    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
14    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
15    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
16    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
17    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
18    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
19    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
20    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
21    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
22    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
23    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
24    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
25    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
26    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
27    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
28    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
29    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
30    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
31    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
32    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
33    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
34    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
35    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
36    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
37    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
38    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
39    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
40    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
41    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
42    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
43    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
44    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
45    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
46    .   .   .   0   0   0   0   0   0   0   0   0   0   0   0   00000
47    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
48    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
49    .   .   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
50    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
51    .   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
52    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
53    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
54    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
55    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
56    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
57    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
58    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
59    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
60    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   00000
```

```
61    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
62    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
63    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
64    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
65    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
66    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
67    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
68    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
69    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
70    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
71    0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   OOOOO
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
```

```
    BEGIN LONG TERM SIMULATION OF FATE OF Clay




SUMMARY OF Clay     DISTRIBUTIONS AFTER    1200.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     1419.2
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     1858.6




SUMMARY OF Clay     DISTRIBUTIONS AFTER    2400.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     611.95
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2665.9




SUMMARY OF Clay     DISTRIBUTIONS AFTER    3600.00 SEC.

    TOTAL SUSPENDED MATERIAL (CU FT) =     484.33
    TOTAL MATERIAL SETTLED TO BOTTOM (CU FT) =     2793.5
```

```
CONCENTRATIONS ABOVE BACKGROUND OF Clay     (MG/L) IN THE CLOUD   3600.00 SECONDS AFTER DUMP

               0.00 FT BELOW THE WATER SURFACE
...MULTIPLY DISPLAYED VALUES BY   1.000         (LEGEND... + = .LT. .01   . = .LT. .0001   0 = .LT. .000001)
M N=  2   3   4   5   6   7   8   9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31
 2 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
 3 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 4 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 5 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 6 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 7 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 8 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
 9 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
10 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
11 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
12 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   +   + .01 .02 .05 .09 .13 .14 .12 .08 .04 .02   +   0   0   0
13 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .01 .05 .14 .29 .49 .66 .72 .63 .44 .25 .11 .04   0   0   0
14 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .01 .07 .23 .59 1.2 2.0 2.7 3.0 2.6 1.8 1.0 .48 .17   0   0   0
15 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .06 .24 .77 1.9 4.1 6.8 9.2  10 8.7 6.1 3.5 1.6 .59   0   0   0
16 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .03 .16 .66 2.1 5.3  11  19  25  27  24  17  10 4.3 1.6   0   0   0
17 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .07 .36 1.4 4.5  12  25  42  56  61  54  38  21  10 3.5   0   0   0
18 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .13 .64 2.5 8.1  21  45  77 105 115 100  70  39  17 6.3   0   0   0
19 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .18 .91 3.6  12  31  68 118 163 179 156 107  59  26 9.2   0   0   0
20 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .21 1.0 4.2  14  38  85 151 213 236 204 139  74  32  11   0   0   0
21 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .19 .98 4.0  14  38  87 159 228 255 220 148  77  32  11   0   0   0
22 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .14 .74 3.1  11  31  72 135 197 222 191 127  65  26 8.6   0   0   0
23 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .08 .45 1.9 6.8  20  48  91 134 151 130  85  43  17 5.5   0   0   0
24 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .04 .22 .95 3.4  10  25  47  70  79  68  45  22 8.8 2.8   0   0   0
25 OOOO   0   0   0   0   0   0   0   0   0   0   0   0 .01 .08 .38 1.3 4.0  10  19  28  32  27  18 8.9 3.5 1.1   0   0   0
26 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   + .02 .12 .42 1.2 3.0 5.7 8.5  10 8.3 5.4 2.7 1.1 .35   0   0   0
27 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   +   + .03 .10 .31 .73 1.3 2.0 2.2 1.9 1.2 .66 .27 .08   0   0   0
28 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
29 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
30 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
31 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
32 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
33 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
34 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
35 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
36 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
37 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
38 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
39 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
40 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
41 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
42 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
43 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
44 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
45 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
46 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
47 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
48 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
49 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
50 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
51 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
52 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
53 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
54 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
55 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
56 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
57 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
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58 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
59 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
60 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
61 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
62 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
63 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
64 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
65 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
66 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
67 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
68 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
69 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
70 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
71 OOOO   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0   0
72 OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO
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