Anexos Fin de Máster

Modelación de la contaminación del suelo por fugas de tanques subterráneos de combustible. Aplicación a una futura estación de servicio en Barranquilla (Colombia)

Intensificación:
Hidráulica Urbana

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UNIVERSITAT POLITÈCNICA DE VALÈNCIA

máster en ingeniería hidráulica y medio ambiente
mihma

Contenido

1. Modelamiento Benceno Bajo – Medio – Alto

1.1 Benceno Bajo

Benceno Barranquilla

```
1
1      50      1      1
58    0.221     1790    0.804
Polygon1
1290      2.3   0.01658     1.62     0.41     0.15    0.0061
427       0       0
10Y       50
10   10       0
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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
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Benceno Barranquilla

Polygon 1
At time =   0.00, total mass in vadose zone =   0.0000   g/sq.ft.
Mass in gas phase   =   0.0000   g/sq.ft.
Mass in liquid phase =   0.0000   g/sq.ft.
Mass sorbed   =   0.0000   g/sq.ft.

Polygon 1
At time =   1.00, total mass in vadose zone =   0.20047   g/sq.ft.
Mass in gas phase   =   0.14757E-01g/sq.ft.
Mass in liquid phase =   0.38522E-01g/sq.ft.
Mass sorbed   =   0.14720   g/sq.ft.

Since last printout at time =   0.00
Change in Total Mass =   0.20047   g/sq.ft.
Advection in from atmosphere =   0.20047   g/sq.ft.

Advection in from water table = -0.10146E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.20047 g/sq.ft.
Mass discrepancy = 0.14901E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.20047 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.10146E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.20047 g/sq.ft.
Mass discrepancy = 0.14901E-07g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 0.38665 g/sq.ft.
Mass in gas phase = 0.28461E-01g/sq.ft.
Mass in liquid phase = 0.74297E-01g/sq.ft.
Mass sorbed = 0.28389 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 0.18618 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.48223E-16g/sq.ft.
Diffusion in from atmosphere = -0.13089E-01g/sq.ft.
Diffusion in from water table = -0.12100E-02g/sq.ft.
Total inflow at boundaries = 0.18618 g/sq.ft.
Mass discrepancy = 0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.38665 g/sq.ft.
Advection in from atmosphere = 0.40095 g/sq.ft.
Advection in from water table = -0.58369E-16g/sq.ft.
Diffusion in from atmosphere = -0.13089E-01g/sq.ft.
Diffusion in from water table = -0.12100E-02g/sq.ft.
Total inflow at boundaries = 0.38665 g/sq.ft.
Mass discrepancy = 0.59605E-07g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 0.55955 g/sq.ft.
Mass in gas phase = 0.41188E-01g/sq.ft.
Mass in liquid phase = 0.10752 g/sq.ft.
Mass sorbed = 0.41084 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 0.17290 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.74665E-07g/sq.ft.
Diffusion in from atmosphere = -0.25220E-01g/sq.ft.
Diffusion in from water table = -0.23529E-02g/sq.ft.
Total inflow at boundaries = 0.17290 g/sq.ft.
Mass discrepancy = -0.14901E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.55955 g/sq.ft.
Advection in from atmosphere = 0.60142 g/sq.ft.
Advection in from water table = -0.74665E-07g/sq.ft.
Diffusion in from atmosphere = -0.38309E-01g/sq.ft.
Diffusion in from water table = -0.35628E-02g/sq.ft.
Total inflow at boundaries = 0.55955 g/sq.ft.
Mass discrepancy = 0.59605E-07g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 0.72013 g/sq.ft.
Mass in gas phase = 0.53008E-01g/sq.ft.
Mass in liquid phase = 0.13838 g/sq.ft.
Mass sorbed = 0.52874 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 0.16058 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.21504E-06g/sq.ft.
Diffusion in from atmosphere = -0.36465E-01g/sq.ft.
Diffusion in from water table = -0.34322E-02g/sq.ft.
Total inflow at boundaries = 0.16058 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.72013 g/sq.ft.
Advection in from atmosphere = 0.80190 g/sq.ft.
Advection in from water table = -0.28970E-06g/sq.ft.
Diffusion in from atmosphere = -0.74774E-01g/sq.ft.
Diffusion in from water table = -0.69950E-02g/sq.ft.
Total inflow at boundaries = 0.72013 g/sq.ft.
Mass discrepancy = 0.59605E-07g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 0.86927 g/sq.ft.
Mass in gas phase = 0.63985E-01g/sq.ft.
Mass in liquid phase = 0.16703 g/sq.ft.
Mass sorbed = 0.63825 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 0.14914 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.41295E-06g/sq.ft.
Diffusion in from atmosphere = -0.46887E-01g/sq.ft.
Diffusion in from water table = -0.44513E-02g/sq.ft.
Total inflow at boundaries = 0.14914 g/sq.ft.
Mass discrepancy = -0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.86927 g/sq.ft.
Advection in from atmosphere = 1.0024 g/sq.ft.
Advection in from water table = -0.70265E-06g/sq.ft.
Diffusion in from atmosphere = -0.12166 g/sq.ft.
Diffusion in from water table = -0.11446E-01g/sq.ft.
Total inflow at boundaries = 0.86927 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 1.0078 g/sq.ft.
Mass in gas phase = 0.74181E-01g/sq.ft.
Mass in liquid phase = 0.19365 g/sq.ft.
Mass sorbed = 0.73995 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 0.13851 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.66096E-06g/sq.ft.
Diffusion in from atmosphere = -0.56548E-01g/sq.ft.
Diffusion in from water table = -0.54134E-02g/sq.ft.
Total inflow at boundaries = 0.13851 g/sq.ft.
Mass discrepancy = 0.22352E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.0078 g/sq.ft.
Advection in from atmosphere = 1.2028 g/sq.ft.
Advection in from water table = -0.13636E-05g/sq.ft.
Diffusion in from atmosphere = -0.17821 g/sq.ft.

Diffusion in from water table = -0.16860E-01g/sq.ft.
Total inflow at boundaries = 1.0078 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 1.1364 g/sq.ft.
Mass in gas phase = 0.83651E-01g/sq.ft.
Mass in liquid phase = 0.21837 g/sq.ft.
Mass sorbed = 0.83441 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 0.12865 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.95230E-06g/sq.ft.
Diffusion in from atmosphere = -0.65503E-01g/sq.ft.
Diffusion in from water table = -0.63215E-02g/sq.ft.
Total inflow at boundaries = 0.12865 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.1364 g/sq.ft.
Advection in from atmosphere = 1.4033 g/sq.ft.
Advection in from water table = -0.23159E-05g/sq.ft.
Diffusion in from atmosphere = -0.24371 g/sq.ft.
Diffusion in from water table = -0.23181E-01g/sq.ft.
Total inflow at boundaries = 1.1364 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 1.2559 g/sq.ft.
Mass in gas phase = 0.92446E-01g/sq.ft.
Mass in liquid phase = 0.24133 g/sq.ft.
Mass sorbed = 0.92214 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 0.11949 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.12808E-05g/sq.ft.
Diffusion in from atmosphere = -0.73804E-01g/sq.ft.
Diffusion in from water table = -0.71785E-02g/sq.ft.
Total inflow at boundaries = 0.11949 g/sq.ft.
Mass discrepancy = 0.11176E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.2559 g/sq.ft.
Advection in from atmosphere = 1.6038 g/sq.ft.
Advection in from water table = -0.35968E-05g/sq.ft.
Diffusion in from atmosphere = -0.31752 g/sq.ft.
Diffusion in from water table = -0.30360E-01g/sq.ft.
Total inflow at boundaries = 1.2559 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 1.3669 g/sq.ft.
Mass in gas phase = 0.10062 g/sq.ft.
Mass in liquid phase = 0.26266 g/sq.ft.
Mass sorbed = 1.0036 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 0.11099 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.16410E-05g/sq.ft.
Diffusion in from atmosphere = -0.81498E-01g/sq.ft.
Diffusion in from water table = -0.79871E-02g/sq.ft.
Total inflow at boundaries = 0.11099 g/sq.ft.
Mass discrepancy = 0.22352E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.3669 g/sq.ft.
Advection in from atmosphere = 1.8043 g/sq.ft.
Advection in from water table = -0.52377E-05g/sq.ft.
Diffusion in from atmosphere = -0.39901 g/sq.ft.
Diffusion in from water table = -0.38347E-01g/sq.ft.
Total inflow at boundaries = 1.3669 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 1.4700 g/sq.ft.
Mass in gas phase = 0.10820 g/sq.ft.
Mass in liquid phase = 0.28247 g/sq.ft.
Mass sorbed = 1.0793 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 0.10309 g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.20277E-05g/sq.ft.
Diffusion in from atmosphere = -0.88630E-01g/sq.ft.

Diffusion in from water table = -0.87499E-02g/sq.ft.
Total inflow at boundaries = 0.10309 g/sq.ft.
Mass discrepancy = 0.24587E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.4700 g/sq.ft.
Advection in from atmosphere = 2.0047 g/sq.ft.
Advection in from water table = -0.72654E-05g/sq.ft.
Diffusion in from atmosphere = -0.48764 g/sq.ft.
Diffusion in from water table = -0.47097E-01g/sq.ft.
Total inflow at boundaries = 1.4700 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 1.5658 g/sq.ft.
Mass in gas phase = 0.11525 g/sq.ft.
Mass in liquid phase = 0.30087 g/sq.ft.
Mass sorbed = 1.1496 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 0.95761E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.24363E-05g/sq.ft.
Diffusion in from atmosphere = -0.95242E-01g/sq.ft.
Diffusion in from water table = -0.94694E-02g/sq.ft.
Total inflow at boundaries = 0.95761E-01g/sq.ft.
Mass discrepancy = -0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.5658 g/sq.ft.
Advection in from atmosphere = 2.2052 g/sq.ft.
Advection in from water table = -0.97017E-05g/sq.ft.
Diffusion in from atmosphere = -0.58289 g/sq.ft.
Diffusion in from water table = -0.56566E-01g/sq.ft.
Total inflow at boundaries = 1.5658 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 1.6547 g/sq.ft.
Mass in gas phase = 0.12180 g/sq.ft.
Mass in liquid phase = 0.31796 g/sq.ft.
Mass sorbed = 1.2149 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 0.88953E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.28629E-05g/sq.ft.
Diffusion in from atmosphere = -0.10137 g/sq.ft.
Diffusion in from water table = -0.10148E-01g/sq.ft.
Total inflow at boundaries = 0.88953E-01g/sq.ft.
Mass discrepancy = -0.12666E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.6547 g/sq.ft.
Advection in from atmosphere = 2.4057 g/sq.ft.
Advection in from water table = -0.12565E-04g/sq.ft.
Diffusion in from atmosphere = -0.68426 g/sq.ft.
Diffusion in from water table = -0.66714E-01g/sq.ft.
Total inflow at boundaries = 1.6547 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 1.7373 g/sq.ft.
Mass in gas phase = 0.12788 g/sq.ft.
Mass in liquid phase = 0.33384 g/sq.ft.
Mass sorbed = 1.2756 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 0.82631E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.33037E-05g/sq.ft.
Diffusion in from atmosphere = -0.10705 g/sq.ft.
Diffusion in from water table = -0.10788E-01g/sq.ft.
Total inflow at boundaries = 0.82631E-01g/sq.ft.
Mass discrepancy = 0.22352E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.7373 g/sq.ft.
Advection in from atmosphere = 2.6062 g/sq.ft.
Advection in from water table = -0.15868E-04g/sq.ft.
Diffusion in from atmosphere = -0.79131 g/sq.ft.
Diffusion in from water table = -0.77502E-01g/sq.ft.
Total inflow at boundaries = 1.7373 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 1.8141 g/sq.ft.
Mass in gas phase = 0.13353 g/sq.ft.
Mass in liquid phase = 0.34859 g/sq.ft.
Mass sorbed = 1.3320 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 0.76760E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.37552E-05g/sq.ft.
Diffusion in from atmosphere = -0.11232 g/sq.ft.
Diffusion in from water table = -0.11391E-01g/sq.ft.
Total inflow at boundaries = 0.76760E-01g/sq.ft.
Mass discrepancy = 0.89407E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.8141 g/sq.ft.
Advection in from atmosphere = 2.8066 g/sq.ft.
Advection in from water table = -0.19624E-04g/sq.ft.
Diffusion in from atmosphere = -0.90363 g/sq.ft.
Diffusion in from water table = -0.88893E-01g/sq.ft.
Total inflow at boundaries = 1.8141 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 1.8854 g/sq.ft.
Mass in gas phase = 0.13878 g/sq.ft.
Mass in liquid phase = 0.36229 g/sq.ft.
Mass sorbed = 1.3843 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 0.71308E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.42147E-05g/sq.ft.
Diffusion in from atmosphere = -0.11720 g/sq.ft.
Diffusion in from water table = -0.11960E-01g/sq.ft.
Total inflow at boundaries = 0.71308E-01g/sq.ft.
Mass discrepancy = 0.81956E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.8854 g/sq.ft.
Advection in from atmosphere = 3.0071 g/sq.ft.
Advection in from water table = -0.23838E-04g/sq.ft.
Diffusion in from atmosphere = -1.0208 g/sq.ft.

Diffusion in from water table = -0.10085 g/sq.ft.
Total inflow at boundaries = 1.8854 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 1.9517 g/sq.ft.
Mass in gas phase = 0.14366 g/sq.ft.
Mass in liquid phase = 0.37502 g/sq.ft.
Mass sorbed = 1.4330 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 0.66245E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.46794E-05g/sq.ft.
Diffusion in from atmosphere = -0.12173 g/sq.ft.
Diffusion in from water table = -0.12495E-01g/sq.ft.
Total inflow at boundaries = 0.66245E-01g/sq.ft.
Mass discrepancy = -0.12666E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.9517 g/sq.ft.
Advection in from atmosphere = 3.2076 g/sq.ft.
Advection in from water table = -0.28518E-04g/sq.ft.
Diffusion in from atmosphere = -1.1426 g/sq.ft.
Diffusion in from water table = -0.11335 g/sq.ft.
Total inflow at boundaries = 1.9517 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 2.0132 g/sq.ft.
Mass in gas phase = 0.14819 g/sq.ft.
Mass in liquid phase = 0.38685 g/sq.ft.
Mass sorbed = 1.4782 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 0.61543E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.51469E-05g/sq.ft.
Diffusion in from atmosphere = -0.12593 g/sq.ft.
Diffusion in from water table = -0.13000E-01g/sq.ft.
Total inflow at boundaries = 0.61543E-01g/sq.ft.
Mass discrepancy = 0.25332E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.0132 g/sq.ft.
Advection in from atmosphere = 3.4081 g/sq.ft.
Advection in from water table = -0.33664E-04g/sq.ft.
Diffusion in from atmosphere = -1.2685 g/sq.ft.
Diffusion in from water table = -0.12635 g/sq.ft.
Total inflow at boundaries = 2.0132 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 2.0704 g/sq.ft.
Mass in gas phase = 0.15240 g/sq.ft.
Mass in liquid phase = 0.39784 g/sq.ft.
Mass sorbed = 1.5201 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 0.57176E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.56151E-05g/sq.ft.
Diffusion in from atmosphere = -0.12982 g/sq.ft.
Diffusion in from water table = -0.13476E-01g/sq.ft.
Total inflow at boundaries = 0.57176E-01g/sq.ft.
Mass discrepancy = -0.36135E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.0704 g/sq.ft.
Advection in from atmosphere = 3.6085 g/sq.ft.
Advection in from water table = -0.39280E-04g/sq.ft.
Diffusion in from atmosphere = -1.3983 g/sq.ft.
Diffusion in from water table = -0.13982 g/sq.ft.
Total inflow at boundaries = 2.0704 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 2.1235 g/sq.ft.
Mass in gas phase = 0.15631 g/sq.ft.
Mass in liquid phase = 0.40804 g/sq.ft.
Mass sorbed = 1.5591 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 0.53120E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.60821E-05g/sq.ft.
Diffusion in from atmosphere = -0.13342 g/sq.ft.

Diffusion in from water table = -0.13925E-01g/sq.ft.
Total inflow at boundaries = 0.53120E-01g/sq.ft.
Mass discrepancy = -0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.1235 g/sq.ft.
Advection in from atmosphere = 3.8090 g/sq.ft.
Advection in from water table = -0.45362E-04g/sq.ft.
Diffusion in from atmosphere = -1.5317 g/sq.ft.
Diffusion in from water table = -0.15375 g/sq.ft.
Total inflow at boundaries = 2.1235 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 2.1729 g/sq.ft.
Mass in gas phase = 0.15994 g/sq.ft.
Mass in liquid phase = 0.41753 g/sq.ft.
Mass sorbed = 1.5954 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 0.49354E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.65464E-05g/sq.ft.
Diffusion in from atmosphere = -0.13677 g/sq.ft.
Diffusion in from water table = -0.14347E-01g/sq.ft.
Total inflow at boundaries = 0.49353E-01g/sq.ft.
Mass discrepancy = 0.36880E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.1729 g/sq.ft.
Advection in from atmosphere = 4.0095 g/sq.ft.
Advection in from water table = -0.51908E-04g/sq.ft.
Diffusion in from atmosphere = -1.6685 g/sq.ft.
Diffusion in from water table = -0.16810 g/sq.ft.
Total inflow at boundaries = 2.1729 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 2.2187 g/sq.ft.
Mass in gas phase = 0.16332 g/sq.ft.
Mass in liquid phase = 0.42634 g/sq.ft.
Mass sorbed = 1.6291 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 0.45855E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.70064E-05g/sq.ft.
Diffusion in from atmosphere = -0.13987 g/sq.ft.
Diffusion in from water table = -0.14745E-01g/sq.ft.
Total inflow at boundaries = 0.45855E-01g/sq.ft.
Mass discrepancy = 0.30175E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.2187 g/sq.ft.
Advection in from atmosphere = 4.2100 g/sq.ft.
Advection in from water table = -0.58914E-04g/sq.ft.
Diffusion in from atmosphere = -1.8084 g/sq.ft.
Diffusion in from water table = -0.18284 g/sq.ft.
Total inflow at boundaries = 2.2187 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 2.2613 g/sq.ft.
Mass in gas phase = 0.16645 g/sq.ft.
Mass in liquid phase = 0.43452 g/sq.ft.
Mass sorbed = 1.6603 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 0.42605E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.74610E-05g/sq.ft.
Diffusion in from atmosphere = -0.14274 g/sq.ft.
Diffusion in from water table = -0.15119E-01g/sq.ft.
Total inflow at boundaries = 0.42605E-01g/sq.ft.
Mass discrepancy = -0.14156E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.2613 g/sq.ft.
Advection in from atmosphere = 4.4104 g/sq.ft.
Advection in from water table = -0.66375E-04g/sq.ft.
Diffusion in from atmosphere = -1.9511 g/sq.ft.
Diffusion in from water table = -0.19796 g/sq.ft.
Total inflow at boundaries = 2.2613 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 2.3009 g/sq.ft.
Mass in gas phase = 0.16937 g/sq.ft.
Mass in liquid phase = 0.44213 g/sq.ft.
Mass sorbed = 1.6894 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 0.39587E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.79090E-05g/sq.ft.
Diffusion in from atmosphere = -0.14541 g/sq.ft.
Diffusion in from water table = -0.15472E-01g/sq.ft.
Total inflow at boundaries = 0.39587E-01g/sq.ft.
Mass discrepancy = -0.55879E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.3009 g/sq.ft.
Advection in from atmosphere = 4.6109 g/sq.ft.
Advection in from water table = -0.74285E-04g/sq.ft.
Diffusion in from atmosphere = -2.0965 g/sq.ft.
Diffusion in from water table = -0.21343 g/sq.ft.
Total inflow at boundaries = 2.3009 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 24.00, total mass in vadose zone = 2.3377 g/sq.ft.
Mass in gas phase = 0.17207 g/sq.ft.
Mass in liquid phase = 0.44920 g/sq.ft.
Mass sorbed = 1.7164 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 0.36783E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.83495E-05g/sq.ft.
Diffusion in from atmosphere = -0.14788 g/sq.ft.
Diffusion in from water table = -0.15804E-01g/sq.ft.
Total inflow at boundaries = 0.36783E-01g/sq.ft.
Mass discrepancy = 0.67055E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.3377 g/sq.ft.
Advection in from atmosphere = 4.8114 g/sq.ft.
Advection in from water table = -0.82634E-04g/sq.ft.
Diffusion in from atmosphere = -2.2444 g/sq.ft.

Diffusion in from water table = -0.22924 g/sq.ft.
Total inflow at boundaries = 2.3377 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 25.00, total mass in vadose zone = 2.3719 g/sq.ft.
Mass in gas phase = 0.17459 g/sq.ft.
Mass in liquid phase = 0.45577 g/sq.ft.
Mass sorbed = 1.7415 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 0.34178E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.87817E-05g/sq.ft.
Diffusion in from atmosphere = -0.15017 g/sq.ft.
Diffusion in from water table = -0.16117E-01g/sq.ft.
Total inflow at boundaries = 0.34179E-01g/sq.ft.
Mass discrepancy = -0.27567E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.3719 g/sq.ft.
Advection in from atmosphere = 5.0119 g/sq.ft.
Advection in from water table = -0.91416E-04g/sq.ft.
Diffusion in from atmosphere = -2.3946 g/sq.ft.
Diffusion in from water table = -0.24535 g/sq.ft.
Total inflow at boundaries = 2.3719 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 26.00, total mass in vadose zone = 2.4036 g/sq.ft.
Mass in gas phase = 0.17693 g/sq.ft.
Mass in liquid phase = 0.46187 g/sq.ft.
Mass sorbed = 1.7648 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 0.31760E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.92049E-05g/sq.ft.
Diffusion in from atmosphere = -0.15230 g/sq.ft.
Diffusion in from water table = -0.16411E-01g/sq.ft.
Total inflow at boundaries = 0.31759E-01g/sq.ft.
Mass discrepancy = 0.42096E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.4036 g/sq.ft.
Advection in from atmosphere = 5.2123 g/sq.ft.
Advection in from water table = -0.10062E-03g/sq.ft.
Diffusion in from atmosphere = -2.5469 g/sq.ft.
Diffusion in from water table = -0.26176 g/sq.ft.
Total inflow at boundaries = 2.4036 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 27.00, total mass in vadose zone = 2.4331 g/sq.ft.
Mass in gas phase = 0.17910 g/sq.ft.
Mass in liquid phase = 0.46754 g/sq.ft.
Mass sorbed = 1.7865 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 0.29512E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.96186E-05g/sq.ft.
Diffusion in from atmosphere = -0.15427 g/sq.ft.
Diffusion in from water table = -0.16688E-01g/sq.ft.
Total inflow at boundaries = 0.29512E-01g/sq.ft.
Mass discrepancy = -0.34645E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.4331 g/sq.ft.
Advection in from atmosphere = 5.4128 g/sq.ft.
Advection in from water table = -0.11024E-03g/sq.ft.
Diffusion in from atmosphere = -2.7011 g/sq.ft.
Diffusion in from water table = -0.27845 g/sq.ft.
Total inflow at boundaries = 2.4331 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 28.00, total mass in vadose zone = 2.4606 g/sq.ft.
Mass in gas phase = 0.18112 g/sq.ft.
Mass in liquid phase = 0.47281 g/sq.ft.
Mass sorbed = 1.8066 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 0.27424E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.10022E-04g/sq.ft.
Diffusion in from atmosphere = -0.15609 g/sq.ft.

Diffusion in from water table = -0.16948E-01g/sq.ft.
Total inflow at boundaries = 0.27424E-01g/sq.ft.
Mass discrepancy = -0.52154E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.4606 g/sq.ft.
Advection in from atmosphere = 5.6133 g/sq.ft.
Advection in from water table = -0.12026E-03g/sq.ft.
Diffusion in from atmosphere = -2.8572 g/sq.ft.
Diffusion in from water table = -0.29540 g/sq.ft.
Total inflow at boundaries = 2.4606 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 29.00, total mass in vadose zone = 2.4860 g/sq.ft.
Mass in gas phase = 0.18299 g/sq.ft.
Mass in liquid phase = 0.47771 g/sq.ft.
Mass sorbed = 1.8253 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 0.25485E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.10416E-04g/sq.ft.
Diffusion in from atmosphere = -0.15779 g/sq.ft.
Diffusion in from water table = -0.17194E-01g/sq.ft.
Total inflow at boundaries = 0.25485E-01g/sq.ft.
Mass discrepancy = -0.22724E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.4860 g/sq.ft.
Advection in from atmosphere = 5.8138 g/sq.ft.
Advection in from water table = -0.13068E-03g/sq.ft.
Diffusion in from atmosphere = -3.0150 g/sq.ft.
Diffusion in from water table = -0.31259 g/sq.ft.
Total inflow at boundaries = 2.4860 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 30.00, total mass in vadose zone = 2.5097 g/sq.ft.
Mass in gas phase = 0.18474 g/sq.ft.
Mass in liquid phase = 0.48226 g/sq.ft.
Mass sorbed = 1.8427 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 0.23684E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.10798E-04g/sq.ft.
Diffusion in from atmosphere = -0.15936 g/sq.ft.
Diffusion in from water table = -0.17424E-01g/sq.ft.
Total inflow at boundaries = 0.23683E-01g/sq.ft.
Mass discrepancy = 0.21234E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.5097 g/sq.ft.
Advection in from atmosphere = 6.0142 g/sq.ft.
Advection in from water table = -0.14148E-03g/sq.ft.
Diffusion in from atmosphere = -3.1744 g/sq.ft.
Diffusion in from water table = -0.33002 g/sq.ft.
Total inflow at boundaries = 2.5097 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 31.00, total mass in vadose zone = 2.5317 g/sq.ft.
Mass in gas phase = 0.18636 g/sq.ft.
Mass in liquid phase = 0.48649 g/sq.ft.
Mass sorbed = 1.8589 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 0.22009E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.11170E-04g/sq.ft.
Diffusion in from atmosphere = -0.16081 g/sq.ft.
Diffusion in from water table = -0.17641E-01g/sq.ft.
Total inflow at boundaries = 0.22010E-01g/sq.ft.
Mass discrepancy = -0.16764E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.5317 g/sq.ft.
Advection in from atmosphere = 6.2147 g/sq.ft.
Advection in from water table = -0.15265E-03g/sq.ft.
Diffusion in from atmosphere = -3.3352 g/sq.ft.
Diffusion in from water table = -0.34766 g/sq.ft.
Total inflow at boundaries = 2.5317 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 32.00, total mass in vadose zone = 2.5522 g/sq.ft.
Mass in gas phase = 0.18786 g/sq.ft.
Mass in liquid phase = 0.49042 g/sq.ft.
Mass sorbed = 1.8739 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.20455E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.11531E-04g/sq.ft.
Diffusion in from atmosphere = -0.16216 g/sq.ft.
Diffusion in from water table = -0.17846E-01g/sq.ft.
Total inflow at boundaries = 0.20454E-01g/sq.ft.
Mass discrepancy = 0.15274E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.5522 g/sq.ft.
Advection in from atmosphere = 6.4152 g/sq.ft.
Advection in from water table = -0.16418E-03g/sq.ft.
Diffusion in from atmosphere = -3.4973 g/sq.ft.
Diffusion in from water table = -0.36550 g/sq.ft.
Total inflow at boundaries = 2.5522 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 33.00, total mass in vadose zone = 2.5712 g/sq.ft.
Mass in gas phase = 0.18926 g/sq.ft.
Mass in liquid phase = 0.49407 g/sq.ft.
Mass sorbed = 1.8879 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.19010E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.11881E-04g/sq.ft.
Diffusion in from atmosphere = -0.16342 g/sq.ft.
Diffusion in from water table = -0.18038E-01g/sq.ft.
Total inflow at boundaries = 0.19010E-01g/sq.ft.
Mass discrepancy = -0.16764E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.5712 g/sq.ft.
Advection in from atmosphere = 6.6157 g/sq.ft.
Advection in from water table = -0.17606E-03g/sq.ft.
Diffusion in from atmosphere = -3.6608 g/sq.ft.

Diffusion in from water table = -0.38354 g/sq.ft.
Total inflow at boundaries = 2.5712 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 34.00, total mass in vadose zone = 2.5889 g/sq.ft.
Mass in gas phase = 0.19056 g/sq.ft.
Mass in liquid phase = 0.49747 g/sq.ft.
Mass sorbed = 1.9008 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.17668E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.12219E-04g/sq.ft.
Diffusion in from atmosphere = -0.16458 g/sq.ft.
Diffusion in from water table = -0.18218E-01g/sq.ft.
Total inflow at boundaries = 0.17667E-01g/sq.ft.
Mass discrepancy = 0.29989E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.5889 g/sq.ft.
Advection in from atmosphere = 6.8161 g/sq.ft.
Advection in from water table = -0.18828E-03g/sq.ft.
Diffusion in from atmosphere = -3.8253 g/sq.ft.
Diffusion in from water table = -0.40176 g/sq.ft.
Total inflow at boundaries = 2.5889 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 35.00, total mass in vadose zone = 2.6053 g/sq.ft.
Mass in gas phase = 0.19177 g/sq.ft.
Mass in liquid phase = 0.50062 g/sq.ft.
Mass sorbed = 1.9129 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.16421E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.12547E-04g/sq.ft.
Diffusion in from atmosphere = -0.16565 g/sq.ft.
Diffusion in from water table = -0.18388E-01g/sq.ft.
Total inflow at boundaries = 0.16420E-01g/sq.ft.
Mass discrepancy = 0.52899E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6053 g/sq.ft.
Advection in from atmosphere = 7.0166 g/sq.ft.
Advection in from water table = -0.20082E-03g/sq.ft.
Diffusion in from atmosphere = -3.9910 g/sq.ft.
Diffusion in from water table = -0.42015 g/sq.ft.
Total inflow at boundaries = 2.6053 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Polygon 1
At time = 36.00, total mass in vadose zone = 2.6205 g/sq.ft.
Mass in gas phase = 0.19289 g/sq.ft.
Mass in liquid phase = 0.50355 g/sq.ft.
Mass sorbed = 1.9241 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.15261E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.12863E-04g/sq.ft.
Diffusion in from atmosphere = -0.16665 g/sq.ft.
Diffusion in from water table = -0.18548E-01g/sq.ft.
Total inflow at boundaries = 0.15262E-01g/sq.ft.
Mass discrepancy = -0.62399E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6205 g/sq.ft.
Advection in from atmosphere = 7.2171 g/sq.ft.
Advection in from water table = -0.21369E-03g/sq.ft.
Diffusion in from atmosphere = -4.1576 g/sq.ft.
Diffusion in from water table = -0.43870 g/sq.ft.
Total inflow at boundaries = 2.6205 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 37.00, total mass in vadose zone = 2.6347 g/sq.ft.
Mass in gas phase = 0.19394 g/sq.ft.
Mass in liquid phase = 0.50628 g/sq.ft.
Mass sorbed = 1.9345 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.14185E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.13169E-04g/sq.ft.
Diffusion in from atmosphere = -0.16758 g/sq.ft.

Diffusion in from water table = -0.18698E-01g/sq.ft.
Total inflow at boundaries = 0.14185E-01g/sq.ft.
Mass discrepancy = 0.83819E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6347 g/sq.ft.
Advection in from atmosphere = 7.4176 g/sq.ft.
Advection in from water table = -0.22685E-03g/sq.ft.
Diffusion in from atmosphere = -4.3252 g/sq.ft.
Diffusion in from water table = -0.45739 g/sq.ft.
Total inflow at boundaries = 2.6347 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 38.00, total mass in vadose zone = 2.6479 g/sq.ft.
Mass in gas phase = 0.19491 g/sq.ft.
Mass in liquid phase = 0.50881 g/sq.ft.
Mass sorbed = 1.9442 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.13184E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.13463E-04g/sq.ft.
Diffusion in from atmosphere = -0.16844 g/sq.ft.
Diffusion in from water table = -0.18839E-01g/sq.ft.
Total inflow at boundaries = 0.13184E-01g/sq.ft.
Mass discrepancy = -0.37625E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6479 g/sq.ft.
Advection in from atmosphere = 7.6180 g/sq.ft.
Advection in from water table = -0.24032E-03g/sq.ft.
Diffusion in from atmosphere = -4.4937 g/sq.ft.
Diffusion in from water table = -0.47623 g/sq.ft.
Total inflow at boundaries = 2.6479 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 39.00, total mass in vadose zone = 2.6602 g/sq.ft.
Mass in gas phase = 0.19581 g/sq.ft.
Mass in liquid phase = 0.51117 g/sq.ft.
Mass sorbed = 1.9532 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.12255E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.13747E-04g/sq.ft.
Diffusion in from atmosphere = -0.16923 g/sq.ft.
Diffusion in from water table = -0.18972E-01g/sq.ft.
Total inflow at boundaries = 0.12255E-01g/sq.ft.
Mass discrepancy = 0.10338E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6602 g/sq.ft.
Advection in from atmosphere = 7.8185 g/sq.ft.
Advection in from water table = -0.25407E-03g/sq.ft.
Diffusion in from atmosphere = -4.6629 g/sq.ft.
Diffusion in from water table = -0.49521 g/sq.ft.
Total inflow at boundaries = 2.6602 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 40.00, total mass in vadose zone = 2.6716 g/sq.ft.
Mass in gas phase = 0.19665 g/sq.ft.
Mass in liquid phase = 0.51336 g/sq.ft.
Mass sorbed = 1.9616 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.11391E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.14021E-04g/sq.ft.
Diffusion in from atmosphere = -0.16997 g/sq.ft.
Diffusion in from water table = -0.19097E-01g/sq.ft.
Total inflow at boundaries = 0.11391E-01g/sq.ft.
Mass discrepancy = 0.11269E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6716 g/sq.ft.
Advection in from atmosphere = 8.0190 g/sq.ft.
Advection in from water table = -0.26809E-03g/sq.ft.
Diffusion in from atmosphere = -4.8329 g/sq.ft.
Diffusion in from water table = -0.51430 g/sq.ft.
Total inflow at boundaries = 2.6716 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 41.00, total mass in vadose zone = 2.6822 g/sq.ft.
Mass in gas phase = 0.19743 g/sq.ft.
Mass in liquid phase = 0.51539 g/sq.ft.
Mass sorbed = 1.9693 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.10589E-01g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.14284E-04g/sq.ft.
Diffusion in from atmosphere = -0.17066 g/sq.ft.
Diffusion in from water table = -0.19214E-01g/sq.ft.
Total inflow at boundaries = 0.10588E-01g/sq.ft.
Mass discrepancy = 0.30268E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6822 g/sq.ft.
Advection in from atmosphere = 8.2195 g/sq.ft.
Advection in from water table = -0.28237E-03g/sq.ft.
Diffusion in from atmosphere = -5.0035 g/sq.ft.
Diffusion in from water table = -0.53352 g/sq.ft.
Total inflow at boundaries = 2.6821 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 42.00, total mass in vadose zone = 2.6920 g/sq.ft.
Mass in gas phase = 0.19815 g/sq.ft.
Mass in liquid phase = 0.51728 g/sq.ft.
Mass sorbed = 1.9766 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.98422E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.14537E-04g/sq.ft.
Diffusion in from atmosphere = -0.17129 g/sq.ft.
Diffusion in from water table = -0.19324E-01g/sq.ft.
Total inflow at boundaries = 0.98424E-02g/sq.ft.
Mass discrepancy = -0.25798E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6920 g/sq.ft.
Advection in from atmosphere = 8.4199 g/sq.ft.
Advection in from water table = -0.29691E-03g/sq.ft.
Diffusion in from atmosphere = -5.1748 g/sq.ft.

Diffusion in from water table = -0.55284 g/sq.ft.
Total inflow at boundaries = 2.6920 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 43.00, total mass in vadose zone = 2.7011 g/sq.ft.
Mass in gas phase = 0.19883 g/sq.ft.
Mass in liquid phase = 0.51904 g/sq.ft.
Mass sorbed = 1.9833 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.91498E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.14780E-04g/sq.ft.
Diffusion in from atmosphere = -0.17188 g/sq.ft.
Diffusion in from water table = -0.19428E-01g/sq.ft.
Total inflow at boundaries = 0.91493E-02g/sq.ft.
Mass discrepancy = 0.52527E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7011 g/sq.ft.
Advection in from atmosphere = 8.6204 g/sq.ft.
Advection in from water table = -0.31169E-03g/sq.ft.
Diffusion in from atmosphere = -5.3467 g/sq.ft.
Diffusion in from water table = -0.57227 g/sq.ft.
Total inflow at boundaries = 2.7011 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 44.00, total mass in vadose zone = 2.7096 g/sq.ft.
Mass in gas phase = 0.19945 g/sq.ft.
Mass in liquid phase = 0.52067 g/sq.ft.
Mass sorbed = 1.9895 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.85051E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.15014E-04g/sq.ft.
Diffusion in from atmosphere = -0.17243 g/sq.ft.
Diffusion in from water table = -0.19525E-01g/sq.ft.
Total inflow at boundaries = 0.85051E-02g/sq.ft.
Mass discrepancy = 0.15832E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7096 g/sq.ft.
Advection in from atmosphere = 8.8209 g/sq.ft.
Advection in from water table = -0.32670E-03g/sq.ft.
Diffusion in from atmosphere = -5.5191 g/sq.ft.
Diffusion in from water table = -0.59179 g/sq.ft.
Total inflow at boundaries = 2.7096 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Polygon 1
At time = 45.00, total mass in vadose zone = 2.7176 g/sq.ft.
Mass in gas phase = 0.20004 g/sq.ft.
Mass in liquid phase = 0.52219 g/sq.ft.
Mass sorbed = 1.9953 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.79060E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.15238E-04g/sq.ft.
Diffusion in from atmosphere = -0.17294 g/sq.ft.
Diffusion in from water table = -0.19616E-01g/sq.ft.
Total inflow at boundaries = 0.79064E-02g/sq.ft.
Mass discrepancy = -0.48615E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7176 g/sq.ft.
Advection in from atmosphere = 9.0214 g/sq.ft.
Advection in from water table = -0.34194E-03g/sq.ft.
Diffusion in from atmosphere = -5.6921 g/sq.ft.
Diffusion in from water table = -0.61141 g/sq.ft.
Total inflow at boundaries = 2.7176 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 46.00, total mass in vadose zone = 2.7249 g/sq.ft.
Mass in gas phase = 0.20058 g/sq.ft.
Mass in liquid phase = 0.52361 g/sq.ft.
Mass sorbed = 2.0007 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.73502E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.15453E-04g/sq.ft.
Diffusion in from atmosphere = -0.17341 g/sq.ft.

Diffusion in from water table = -0.19702E-01g/sq.ft.
Total inflow at boundaries = 0.73501E-02g/sq.ft.
Mass discrepancy = 0.11409E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7249 g/sq.ft.
Advection in from atmosphere = 9.2218 g/sq.ft.
Advection in from water table = -0.35739E-03g/sq.ft.
Diffusion in from atmosphere = -5.8655 g/sq.ft.
Diffusion in from water table = -0.63111 g/sq.ft.
Total inflow at boundaries = 2.7249 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 47.00, total mass in vadose zone = 2.7317 g/sq.ft.
Mass in gas phase = 0.20108 g/sq.ft.
Mass in liquid phase = 0.52492 g/sq.ft.
Mass sorbed = 2.0057 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.68331E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.15659E-04g/sq.ft.
Diffusion in from atmosphere = -0.17384 g/sq.ft.
Diffusion in from water table = -0.19783E-01g/sq.ft.
Total inflow at boundaries = 0.68330E-02g/sq.ft.
Mass discrepancy = 0.36787E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7317 g/sq.ft.
Advection in from atmosphere = 9.4223 g/sq.ft.
Advection in from water table = -0.37305E-03g/sq.ft.
Diffusion in from atmosphere = -6.0393 g/sq.ft.
Diffusion in from water table = -0.65089 g/sq.ft.
Total inflow at boundaries = 2.7317 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 48.00, total mass in vadose zone = 2.7381 g/sq.ft.
Mass in gas phase = 0.20155 g/sq.ft.
Mass in liquid phase = 0.52614 g/sq.ft.
Mass sorbed = 2.0104 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.63527E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.15856E-04g/sq.ft.
Diffusion in from atmosphere = -0.17425 g/sq.ft.
Diffusion in from water table = -0.19859E-01g/sq.ft.
Total inflow at boundaries = 0.63525E-02g/sq.ft.
Mass discrepancy = 0.16158E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7381 g/sq.ft.
Advection in from atmosphere = 9.6228 g/sq.ft.
Advection in from water table = -0.38891E-03g/sq.ft.
Diffusion in from atmosphere = -6.2136 g/sq.ft.
Diffusion in from water table = -0.67075 g/sq.ft.
Total inflow at boundaries = 2.7381 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 49.00, total mass in vadose zone = 2.7440 g/sq.ft.
Mass in gas phase = 0.20198 g/sq.ft.
Mass in liquid phase = 0.52728 g/sq.ft.
Mass sorbed = 2.0147 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.59059E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.16045E-04g/sq.ft.
Diffusion in from atmosphere = -0.17462 g/sq.ft.
Diffusion in from water table = -0.19930E-01g/sq.ft.
Total inflow at boundaries = 0.59059E-02g/sq.ft.
Mass discrepancy = 0.23283E-08g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7440 g/sq.ft.
Advection in from atmosphere = 9.8233 g/sq.ft.
Advection in from water table = -0.40495E-03g/sq.ft.
Diffusion in from atmosphere = -6.3882 g/sq.ft.
Diffusion in from water table = -0.69068 g/sq.ft.
Total inflow at boundaries = 2.7440 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 50.00, total mass in vadose zone = 2.7495 g/sq.ft.
Mass in gas phase = 0.20239 g/sq.ft.
Mass in liquid phase = 0.52833 g/sq.ft.
Mass sorbed = 2.0188 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.54908E-02g/sq.ft.
Advection in from atmosphere = 0.20047 g/sq.ft.
Advection in from water table = -0.16226E-04g/sq.ft.
Diffusion in from atmosphere = -0.17497 g/sq.ft.
Diffusion in from water table = -0.19997E-01g/sq.ft.
Total inflow at boundaries = 0.54907E-02g/sq.ft.
Mass discrepancy = 0.32596E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7495 g/sq.ft.
Advection in from atmosphere = 10.024 g/sq.ft.
Advection in from water table = -0.42118E-03g/sq.ft.
Diffusion in from atmosphere = -6.5632 g/sq.ft.
Diffusion in from water table = -0.71068 g/sq.ft.
Total inflow at boundaries = 2.7495 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.10146E-16	0.13088E-13
2.00	0.12100E-02	1.5608
3.00	0.23529E-02	3.0353
4.00	0.34324E-02	4.4278
5.00	0.44517E-02	5.7428
6.00	0.54141E-02	6.9842
7.00	0.63225E-02	8.1560
8.00	0.71798E-02	9.2619
9.00	0.79887E-02	10.305
10.00	0.87519E-02	11.290
11.00	0.94718E-02	12.219
12.00	0.10151E-01	13.095
13.00	0.10791E-01	13.920
14.00	0.11395E-01	14.699
15.00	0.11964E-01	15.433
16.00	0.12500E-01	16.125

17.00	0.13006E-01	16.777
18.00	0.13482E-01	17.392
19.00	0.13931E-01	17.971
20.00	0.14353E-01	18.516
21.00	0.14752E-01	19.030
22.00	0.15127E-01	19.513
23.00	0.15480E-01	19.969
24.00	0.15812E-01	20.398
25.00	0.16125E-01	20.802
26.00	0.16420E-01	21.182
27.00	0.16697E-01	21.540
28.00	0.16958E-01	21.876
29.00	0.17204E-01	22.193
30.00	0.17435E-01	22.491
31.00	0.17653E-01	22.772
32.00	0.17857E-01	23.036
33.00	0.18050E-01	23.284
34.00	0.18231E-01	23.517
35.00	0.18401E-01	23.737
36.00	0.18561E-01	23.943
37.00	0.18711E-01	24.138
38.00	0.18853E-01	24.320
39.00	0.18986E-01	24.492
40.00	0.19111E-01	24.653
41.00	0.19228E-01	24.804
42.00	0.19339E-01	24.947
43.00	0.19442E-01	25.081
44.00	0.19540E-01	25.207
45.00	0.19632E-01	25.325
46.00	0.19718E-01	25.436
47.00	0.19799E-01	25.540
48.00	0.19875E-01	25.638
49.00	0.19946E-01	25.730
50.00	0.20013E-01	25.817

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.13088E-13	0.13088E-13
2.00	1.5608	1.5608
3.00	3.0353	4.5961
4.00	4.4278	9.0239

5.00	5.7428	14.767
6.00	6.9842	21.751
7.00	8.1560	29.907
8.00	9.2619	39.169
9.00	10.305	49.474
10.00	11.290	60.764
11.00	12.219	72.983
12.00	13.095	86.077
13.00	13.920	99.998
14.00	14.699	114.70
15.00	15.433	130.13
16.00	16.125	146.26
17.00	16.777	163.03
18.00	17.392	180.42
19.00	17.971	198.39
20.00	18.516	216.91
21.00	19.030	235.94
22.00	19.513	255.45
23.00	19.969	275.42
24.00	20.398	295.82
25.00	20.802	316.62
26.00	21.182	337.80
27.00	21.540	359.34
28.00	21.876	381.22
29.00	22.193	403.41
30.00	22.491	425.90
31.00	22.772	448.68
32.00	23.036	471.71
33.00	23.284	495.00
34.00	23.517	518.51
35.00	23.737	542.25
36.00	23.943	566.19
37.00	24.138	590.33
38.00	24.320	614.65
39.00	24.492	639.14
40.00	24.653	663.80
41.00	24.804	688.60
42.00	24.947	713.55
43.00	25.081	738.63
44.00	25.207	763.83
45.00	25.325	789.16
46.00	25.436	814.60
47.00	25.540	840.14
48.00	25.638	865.77

49.00 25.730 891.50
50.00 25.817 917.32

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 |                 VLEACH (Version 2.2a, 1996)               |
 |                                                           |
 |                            By:                            |
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 |                                                           |
 |        Based on the original VLEACH (version 1.0)         |
 |        developed by CH2M Hill, Redding, California        |
 |        for USEPA Region IX                                |
 |-----------------------------------------------------------|
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Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24098E-01	0.10904	0.13624E-05
2	0.56545E-03	0.25586E-02	0.31968E-07
3	0.13268E-04	0.60038E-04	0.75013E-09
4	0.31135E-06	0.14088E-05	0.17602E-10
5	0.73058E-08	0.33058E-07	0.41303E-12
6	0.17143E-09	0.77571E-09	0.96919E-14
7	0.40227E-11	0.18202E-10	0.22742E-15
8	0.94392E-13	0.42711E-12	0.53365E-17
9	0.22149E-14	0.10022E-13	0.12522E-18
10	0.51974E-16	0.23517E-15	0.29383E-20

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.46215E-01	0.20912	0.26128E-05
2	0.13059E-02	0.59091E-02	0.73830E-07
3	0.43716E-04	0.19781E-03	0.24715E-08
4	0.81098E-05	0.36696E-04	0.45849E-09
5	0.60795E-05	0.27509E-04	0.34371E-09
6	0.49869E-05	0.22565E-04	0.28194E-09
7	0.39506E-05	0.17876E-04	0.22335E-09
8	0.29406E-05	0.13306E-04	0.16625E-09
9	0.19498E-05	0.88226E-05	0.11023E-09
10	0.97172E-06	0.43969E-05	0.54936E-10

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.66514E-01	0.30097	0.37604E-05
2	0.21889E-02	0.99045E-02	0.12375E-06
3	0.90555E-04	0.40975E-03	0.51195E-08
4	0.22531E-04	0.10195E-03	0.12738E-08
5	0.17433E-04	0.78884E-04	0.98560E-09
6	0.14318E-04	0.64785E-04	0.80944E-09
7	0.11347E-04	0.51343E-04	0.64149E-09
8	0.84498E-05	0.38234E-04	0.47771E-09
9	0.56065E-05	0.25369E-04	0.31696E-09
10	0.27988E-05	0.12664E-04	0.15823E-09

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.85145E-01	0.38527	0.48137E-05
2	0.31861E-02	0.14417E-01	0.18012E-06
3	0.15284E-03	0.69156E-03	0.86406E-08
4	0.42793E-04	0.19363E-03	0.24193E-08
5	0.33362E-04	0.15096E-03	0.18861E-08
6	0.27411E-04	0.12403E-03	0.15497E-08
7	0.21732E-04	0.98334E-04	0.12286E-08
8	0.16191E-04	0.73260E-04	0.91533E-09
9	0.10750E-04	0.48641E-04	0.60773E-09
10	0.53752E-05	0.24322E-04	0.30389E-09

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.10225	0.46265	0.57804E-05
2	0.42727E-02	0.19334E-01	0.24156E-06
3	0.22950E-03	0.10385E-02	0.12975E-07
4	0.68187E-04	0.30854E-03	0.38550E-08
5	0.53229E-04	0.24086E-03	0.30093E-08
6	0.43742E-04	0.19793E-03	0.24730E-08
7	0.34693E-04	0.15698E-03	0.19613E-08
8	0.25858E-04	0.11700E-03	0.14619E-08
9	0.17179E-04	0.77734E-04	0.97122E-09
10	0.86041E-05	0.38932E-04	0.48643E-09

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.11794	0.53367	0.66678E-05
2	0.54276E-02	0.24559E-01	0.30685E-06
3	0.31941E-03	0.14453E-02	0.18058E-07
4	0.98072E-04	0.44377E-03	0.55445E-08
5	0.76460E-04	0.34597E-03	0.43227E-08
6	0.62839E-04	0.28434E-03	0.35526E-08
7	0.49856E-04	0.22559E-03	0.28186E-08
8	0.37176E-04	0.16822E-03	0.21017E-08
9	0.24714E-04	0.11183E-03	0.13972E-08
10	0.12398E-04	0.56097E-04	0.70090E-09

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.13235	0.59885	0.74822E-05
2	0.66321E-02	0.30010E-01	0.37495E-06
3	0.42139E-03	0.19067E-02	0.23823E-07
4	0.13187E-03	0.59668E-03	0.74551E-08
5	0.10254E-03	0.46399E-03	0.57972E-08
6	0.84274E-04	0.38133E-03	0.47645E-08
7	0.66887E-04	0.30266E-03	0.37815E-08
8	0.49896E-04	0.22577E-03	0.28209E-08
9	0.33191E-04	0.15019E-03	0.18765E-08
10	0.16676E-04	0.75455E-04	0.94276E-09

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.14557	0.65867	0.82296E-05
2	0.78704E-02	0.35613E-01	0.44495E-06
3	0.53424E-03	0.24174E-02	0.30203E-07
4	0.16904E-03	0.76490E-03	0.95568E-08
5	0.13101E-03	0.59280E-03	0.74066E-08
6	0.10767E-03	0.48718E-03	0.60869E-08
7	0.85482E-04	0.38680E-03	0.48328E-08
8	0.63794E-04	0.28866E-03	0.36066E-08
9	0.42462E-04	0.19214E-03	0.24006E-08
10	0.21366E-04	0.96678E-04	0.12079E-08

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.15770	0.71359	0.89157E-05
2	0.91289E-02	0.41307E-01	0.51610E-06
3	0.65676E-03	0.29718E-02	0.37130E-07
4	0.20912E-03	0.94624E-03	0.11823E-07
5	0.16145E-03	0.73054E-03	0.91276E-08
6	0.13267E-03	0.60033E-03	0.75007E-08
7	0.10537E-03	0.47679E-03	0.59572E-08
8	0.78669E-04	0.35597E-03	0.44476E-08
9	0.52394E-04	0.23708E-03	0.29621E-08
10	0.26403E-04	0.11947E-03	0.14927E-08

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.16884	0.76399	0.95454E-05
2	0.10396E-01	0.47040E-01	0.58773E-06
3	0.78779E-03	0.35647E-02	0.44538E-07
4	0.25166E-03	0.11387E-02	0.14228E-07
5	0.19349E-03	0.87554E-03	0.10939E-07
6	0.15898E-03	0.71939E-03	0.89882E-08
7	0.12631E-03	0.57154E-03	0.71409E-08
8	0.94340E-04	0.42688E-03	0.53335E-08
9	0.62868E-04	0.28447E-03	0.35542E-08
10	0.31726E-04	0.14356E-03	0.17936E-08

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.17906	0.81025	0.10123E-04
2	0.11662E-01	0.52768E-01	0.65929E-06
3	0.92618E-03	0.41909E-02	0.52362E-07
4	0.29627E-03	0.13406E-02	0.16750E-07
5	0.22681E-03	0.10263E-02	0.12823E-07
6	0.18633E-03	0.84312E-03	0.10534E-07
7	0.14808E-03	0.67005E-03	0.83717E-08
8	0.11064E-03	0.50065E-03	0.62553E-08
9	0.73775E-04	0.33382E-03	0.41709E-08
10	0.37284E-04	0.16870E-03	0.21078E-08

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.18845	0.85271	0.10654E-04
2	0.12918E-01	0.58452E-01	0.73031E-06
3	0.10708E-02	0.48454E-02	0.60539E-07
4	0.34260E-03	0.15502E-02	0.19369E-07
5	0.26111E-03	0.11815E-02	0.14762E-07
6	0.21446E-03	0.97041E-03	0.12125E-07
7	0.17049E-03	0.77144E-03	0.96386E-08
8	0.12744E-03	0.57664E-03	0.72046E-08
9	0.85020E-04	0.38471E-03	0.48066E-08
10	0.43026E-04	0.19469E-03	0.24325E-08

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.19706	0.89168	0.11141E-04
2	0.14157E-01	0.64061E-01	0.80039E-06
3	0.12207E-02	0.55235E-02	0.69012E-07
4	0.39031E-03	0.17661E-02	0.22066E-07
5	0.29612E-03	0.13399E-02	0.16741E-07
6	0.24316E-03	0.11003E-02	0.13747E-07
7	0.19336E-03	0.87495E-03	0.10932E-07
8	0.14459E-03	0.65425E-03	0.81744E-08
9	0.96517E-04	0.43673E-03	0.54566E-08
10	0.48911E-04	0.22132E-03	0.27652E-08

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20497	0.92745	0.11588E-04
2	0.15375E-01	0.69570E-01	0.86922E-06
3	0.13748E-02	0.62207E-02	0.77723E-07
4	0.43910E-03	0.19869E-02	0.24825E-07
5	0.33162E-03	0.15005E-02	0.18748E-07
6	0.27224E-03	0.12319E-02	0.15391E-07
7	0.21655E-03	0.97986E-03	0.12243E-07
8	0.16199E-03	0.73297E-03	0.91580E-08
9	0.10819E-03	0.48954E-03	0.61165E-08
10	0.54898E-04	0.24841E-03	0.31037E-08

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.21222	0.96028	0.11998E-04
2	0.16565E-01	0.74956E-01	0.93653E-06
3	0.15321E-02	0.69327E-02	0.86619E-07
4	0.48872E-03	0.22114E-02	0.27630E-07
5	0.36740E-03	0.16624E-02	0.20771E-07
6	0.30153E-03	0.13644E-02	0.17047E-07
7	0.23991E-03	0.10856E-02	0.13563E-07
8	0.17953E-03	0.81234E-03	0.10150E-07
9	0.11997E-03	0.54284E-03	0.67824E-08
10	0.60954E-04	0.27581E-03	0.34461E-08

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.21888	0.99042	0.12375E-04
2	0.17725E-01	0.80205E-01	0.10021E-05
3	0.16919E-02	0.76557E-02	0.95653E-07
4	0.53892E-03	0.24385E-02	0.30468E-07
5	0.40328E-03	0.18248E-02	0.22799E-07
6	0.33087E-03	0.14972E-02	0.18706E-07
7	0.26333E-03	0.11915E-02	0.14887E-07
8	0.19712E-03	0.89196E-03	0.11144E-07
9	0.13179E-03	0.59636E-03	0.74510E-08
10	0.67048E-04	0.30338E-03	0.37906E-08

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22500	1.0181	0.12720E-04
2	0.18851E-01	0.85301E-01	0.10658E-05
3	0.18533E-02	0.83860E-02	0.10478E-06
4	0.58948E-03	0.26673E-02	0.33326E-07
5	0.43910E-03	0.19869E-02	0.24825E-07
6	0.36015E-03	0.16296E-02	0.20361E-07
7	0.28670E-03	0.12973E-02	0.16209E-07
8	0.21469E-03	0.97146E-03	0.12138E-07
9	0.14361E-03	0.64984E-03	0.81193E-08
10	0.73151E-04	0.33100E-03	0.41356E-08

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23061	1.0435	0.13037E-04
2	0.19942E-01	0.90234E-01	0.11274E-05
3	0.20156E-02	0.91203E-02	0.11395E-06
4	0.64019E-03	0.28968E-02	0.36193E-07
5	0.47473E-03	0.21481E-02	0.26839E-07
6	0.38923E-03	0.17612E-02	0.22005E-07
7	0.30993E-03	0.14024E-02	0.17522E-07
8	0.23217E-03	0.10505E-02	0.13126E-07
9	0.15538E-03	0.70308E-03	0.87845E-08
10	0.79241E-04	0.35855E-03	0.44799E-08

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23576	1.0668	0.13329E-04
2	0.20995E-01	0.94998E-01	0.11869E-05
3	0.21780E-02	0.98554E-02	0.12314E-06
4	0.69090E-03	0.31262E-02	0.39060E-07
5	0.51005E-03	0.23079E-02	0.28836E-07
6	0.41803E-03	0.18915E-02	0.23633E-07
7	0.33294E-03	0.15065E-02	0.18823E-07
8	0.24949E-03	0.11289E-02	0.14105E-07
9	0.16705E-03	0.75590E-03	0.94444E-08
10	0.85294E-04	0.38595E-03	0.48221E-08

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24049	1.0882	0.13596E-04
2	0.22009E-01	0.99587E-01	0.12443E-05
3	0.23401E-02	0.10589E-01	0.13230E-06
4	0.74143E-03	0.33549E-02	0.41917E-07
5	0.54494E-03	0.24658E-02	0.30809E-07
6	0.44645E-03	0.20201E-02	0.25240E-07
7	0.35566E-03	0.16093E-02	0.20107E-07
8	0.26660E-03	0.12063E-02	0.15072E-07
9	0.17860E-03	0.80813E-03	0.10097E-07
10	0.91293E-04	0.41309E-03	0.51613E-08

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24482	1.1078	0.13841E-04
2	0.22983E-01	0.10400	0.12994E-05
3	0.25011E-02	0.11317E-01	0.14140E-06
4	0.79164E-03	0.35821E-02	0.44755E-07
5	0.57934E-03	0.26214E-02	0.32753E-07
6	0.47442E-03	0.21467E-02	0.26822E-07
7	0.37803E-03	0.17105E-02	0.21372E-07
8	0.28346E-03	0.12826E-02	0.16025E-07
9	0.18998E-03	0.85964E-03	0.10741E-07
10	0.97221E-04	0.43991E-03	0.54964E-08

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24881	1.1258	0.14066E-04
2	0.23918E-01	0.10823	0.13522E-05
3	0.26606E-02	0.12039E-01	0.15042E-06
4	0.84140E-03	0.38072E-02	0.47569E-07
5	0.61314E-03	0.27744E-02	0.34664E-07
6	0.50189E-03	0.22710E-02	0.28375E-07
7	0.40000E-03	0.18099E-02	0.22614E-07
8	0.30003E-03	0.13576E-02	0.16962E-07
9	0.20118E-03	0.91030E-03	0.11374E-07
10	0.10306E-03	0.46635E-03	0.58267E-08

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25246	1.1424	0.14273E-04
2	0.24813E-01	0.11228	0.14028E-05
3	0.28183E-02	0.12752E-01	0.15933E-06
4	0.89061E-03	0.40299E-02	0.50351E-07
5	0.64630E-03	0.29245E-02	0.36539E-07
6	0.52880E-03	0.23928E-02	0.29896E-07
7	0.42153E-03	0.19074E-02	0.23831E-07
8	0.31627E-03	0.14311E-02	0.17880E-07
9	0.21216E-03	0.96002E-03	0.11995E-07
10	0.10881E-03	0.49235E-03	0.61515E-08

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25582	1.1576	0.14463E-04
2	0.25669E-01	0.11615	0.14512E-05
3	0.29735E-02	0.13455E-01	0.16811E-06
4	0.93915E-03	0.42496E-02	0.53095E-07
5	0.67876E-03	0.30713E-02	0.38374E-07
6	0.55510E-03	0.25118E-02	0.31383E-07
7	0.44258E-03	0.20026E-02	0.25021E-07
8	0.33216E-03	0.15030E-02	0.18779E-07
9	0.22292E-03	0.10087E-02	0.12603E-07
10	0.11445E-03	0.51786E-03	0.64703E-08

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25890	1.1715	0.14637E-04
2	0.26485E-01	0.11984	0.14974E-05
3	0.31261E-02	0.14145E-01	0.17674E-06
4	0.98695E-03	0.44659E-02	0.55798E-07
5	0.71048E-03	0.32148E-02	0.40167E-07
6	0.58076E-03	0.26279E-02	0.32833E-07
7	0.46312E-03	0.20956E-02	0.26183E-07
8	0.34769E-03	0.15732E-02	0.19656E-07
9	0.23344E-03	0.10563E-02	0.13198E-07
10	0.11997E-03	0.54284E-03	0.67824E-08

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.26173	1.1843	0.14797E-04
2	0.27263E-01	0.12336	0.15413E-05
3	0.32758E-02	0.14822E-01	0.18520E-06
4	0.10339E-02	0.46784E-02	0.58453E-07
5	0.74142E-03	0.33548E-02	0.41916E-07
6	0.60575E-03	0.27410E-02	0.34246E-07
7	0.48314E-03	0.21862E-02	0.27314E-07
8	0.36282E-03	0.16417E-02	0.20512E-07
9	0.24370E-03	0.11027E-02	0.13778E-07
10	0.12536E-03	0.56726E-03	0.70875E-08

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.26432	1.1960	0.14944E-04
2	0.28004E-01	0.12671	0.15832E-05
3	0.34221E-02	0.15485E-01	0.19347E-06
4	0.10800E-02	0.48870E-02	0.61059E-07
5	0.77154E-03	0.34911E-02	0.43619E-07
6	0.63006E-03	0.28509E-02	0.35620E-07
7	0.50261E-03	0.22742E-02	0.28415E-07
8	0.37754E-03	0.17083E-02	0.21344E-07
9	0.25369E-03	0.11479E-02	0.14343E-07
10	0.13063E-03	0.59109E-03	0.73853E-08

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.26671	1.2068	0.15078E-04
2	0.28708E-01	0.12990	0.16230E-05
3	0.35651E-02	0.16132E-01	0.20155E-06
4	0.11252E-02	0.50912E-02	0.63611E-07
5	0.80084E-03	0.36237E-02	0.45276E-07
6	0.65365E-03	0.29577E-02	0.36954E-07
7	0.52151E-03	0.23598E-02	0.29484E-07
8	0.39185E-03	0.17731E-02	0.22153E-07
9	0.26341E-03	0.11919E-02	0.14892E-07
10	0.13576E-03	0.61432E-03	0.76755E-08

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.26889	1.2167	0.15202E-04
2	0.29376E-01	0.13292	0.16608E-05
3	0.37044E-02	0.16762E-01	0.20943E-06
4	0.11693E-02	0.52910E-02	0.66107E-07
5	0.82929E-03	0.37525E-02	0.46884E-07
6	0.67653E-03	0.30612E-02	0.38248E-07
7	0.53985E-03	0.24428E-02	0.30520E-07
8	0.40573E-03	0.18359E-02	0.22938E-07
9	0.27285E-03	0.12346E-02	0.15426E-07
10	0.14076E-03	0.63692E-03	0.79578E-08

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27090	1.2258	0.15316E-04
2	0.30010E-01	0.13579	0.16966E-05
3	0.38399E-02	0.17375E-01	0.21709E-06
4	0.12124E-02	0.54861E-02	0.68545E-07
5	0.85689E-03	0.38773E-02	0.48444E-07
6	0.69868E-03	0.31615E-02	0.39500E-07
7	0.55761E-03	0.25231E-02	0.31524E-07
8	0.41919E-03	0.18968E-02	0.23699E-07
9	0.28200E-03	0.12760E-02	0.15943E-07
10	0.14561E-03	0.65887E-03	0.82321E-08

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27275	1.2341	0.15420E-04
2	0.30611E-01	0.13851	0.17306E-05
3	0.39715E-02	0.17971E-01	0.22453E-06
4	0.12545E-02	0.56764E-02	0.70922E-07
5	0.88363E-03	0.39983E-02	0.49956E-07
6	0.72011E-03	0.32584E-02	0.40711E-07
7	0.57479E-03	0.26008E-02	0.32496E-07
8	0.43221E-03	0.19557E-02	0.24435E-07
9	0.29087E-03	0.13162E-02	0.16445E-07
10	0.15032E-03	0.68018E-03	0.84984E-08

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27444	1.2418	0.15515E-04
2	0.31179E-01	0.14108	0.17627E-05
3	0.40991E-02	0.18548E-01	0.23174E-06
4	0.12954E-02	0.58617E-02	0.73237E-07
5	0.90951E-03	0.41154E-02	0.51419E-07
6	0.74081E-03	0.33521E-02	0.41882E-07
7	0.59139E-03	0.26760E-02	0.33434E-07
8	0.44480E-03	0.20127E-02	0.25147E-07
9	0.29945E-03	0.13550E-02	0.16930E-07
10	0.15489E-03	0.70084E-03	0.87565E-08

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27599	1.2488	0.15603E-04
2	0.31717E-01	0.14351	0.17931E-05
3	0.42227E-02	0.19107E-01	0.23873E-06
4	0.13353E-02	0.60420E-02	0.75490E-07
5	0.93452E-03	0.42286E-02	0.52833E-07
6	0.76078E-03	0.34424E-02	0.43011E-07
7	0.60741E-03	0.27484E-02	0.34340E-07
8	0.45695E-03	0.20677E-02	0.25834E-07
9	0.30775E-03	0.13925E-02	0.17398E-07
10	0.15931E-03	0.72084E-03	0.90064E-08

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27742	1.2553	0.15684E-04
2	0.32225E-01	0.14581	0.18218E-05
3	0.43422E-02	0.19648E-01	0.24548E-06
4	0.13740E-02	0.62171E-02	0.77678E-07
5	0.95869E-03	0.43379E-02	0.54199E-07
6	0.78004E-03	0.35296E-02	0.44100E-07
7	0.62285E-03	0.28183E-02	0.35213E-07
8	0.46868E-03	0.21207E-02	0.26497E-07
9	0.31575E-03	0.14287E-02	0.17851E-07
10	0.16358E-03	0.74019E-03	0.92481E-08

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27872	1.2612	0.15758E-04
2	0.32704E-01	0.14798	0.18489E-05
3	0.44575E-02	0.20170E-01	0.25201E-06
4	0.14116E-02	0.63872E-02	0.79803E-07
5	0.98200E-03	0.44435E-02	0.55518E-07
6	0.79859E-03	0.36135E-02	0.45148E-07
7	0.63774E-03	0.28857E-02	0.36054E-07
8	0.47999E-03	0.21719E-02	0.27136E-07
9	0.32348E-03	0.14637E-02	0.18288E-07
10	0.16771E-03	0.75889E-03	0.94817E-08

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.27993	1.2666	0.15826E-04
2	0.33157E-01	0.15003	0.18745E-05
3	0.45688E-02	0.20673E-01	0.25830E-06
4	0.14480E-02	0.65520E-02	0.81863E-07
5	0.10045E-02	0.45452E-02	0.56789E-07
6	0.81644E-03	0.36943E-02	0.46158E-07
7	0.65206E-03	0.29505E-02	0.36864E-07
8	0.49088E-03	0.22212E-02	0.27752E-07
9	0.33092E-03	0.14974E-02	0.18709E-07
10	0.17170E-03	0.77694E-03	0.97073E-08

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28103	1.2716	0.15888E-04
2	0.33583E-01	0.15196	0.18986E-05
3	0.46760E-02	0.21158E-01	0.26436E-06
4	0.14833E-02	0.67117E-02	0.83858E-07
5	0.10261E-02	0.46432E-02	0.58013E-07
6	0.83361E-03	0.37720E-02	0.47128E-07
7	0.66583E-03	0.30128E-02	0.37643E-07
8	0.50135E-03	0.22686E-02	0.28344E-07
9	0.33809E-03	0.15298E-02	0.19114E-07
10	0.17555E-03	0.79435E-03	0.99248E-08

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28204	1.2762	0.15945E-04
2	0.33985E-01	0.15378	0.19213E-05
3	0.47791E-02	0.21625E-01	0.27019E-06
4	0.15174E-02	0.68662E-02	0.85789E-07
5	0.10470E-02	0.47376E-02	0.59192E-07
6	0.85010E-03	0.38466E-02	0.48061E-07
7	0.67907E-03	0.30727E-02	0.38391E-07
8	0.51142E-03	0.23141E-02	0.28913E-07
9	0.34498E-03	0.15610E-02	0.19504E-07
10	0.17926E-03	0.81114E-03	0.10135E-07

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28297	1.2804	0.15998E-04
2	0.34363E-01	0.15549	0.19427E-05
3	0.48783E-02	0.22074E-01	0.27579E-06
4	0.15505E-02	0.70156E-02	0.87655E-07
5	0.10671E-02	0.48283E-02	0.60326E-07
6	0.86594E-03	0.39183E-02	0.48956E-07
7	0.69177E-03	0.31302E-02	0.39110E-07
8	0.52109E-03	0.23579E-02	0.29460E-07
9	0.35161E-03	0.15910E-02	0.19879E-07
10	0.18283E-03	0.82730E-03	0.10336E-07

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28382	1.2843	0.16046E-04
2	0.34720E-01	0.15710	0.19629E-05
3	0.49735E-02	0.22504E-01	0.28117E-06
4	0.15824E-02	0.71600E-02	0.89458E-07
5	0.10863E-02	0.49156E-02	0.61416E-07
6	0.88113E-03	0.39870E-02	0.49815E-07
7	0.70397E-03	0.31854E-02	0.39799E-07
8	0.53038E-03	0.23999E-02	0.29985E-07
9	0.35798E-03	0.16198E-02	0.20239E-07
10	0.18627E-03	0.84285E-03	0.10531E-07

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28461	1.2878	0.16090E-04
2	0.35054E-01	0.15862	0.19818E-05
3	0.50648E-02	0.22917E-01	0.28634E-06
4	0.16131E-02	0.72993E-02	0.91199E-07
5	0.11049E-02	0.49994E-02	0.62464E-07
6	0.89570E-03	0.40529E-02	0.50638E-07
7	0.71566E-03	0.32383E-02	0.40460E-07
8	0.53929E-03	0.24402E-02	0.30489E-07
9	0.36410E-03	0.16475E-02	0.20584E-07
10	0.18958E-03	0.85781E-03	0.10718E-07

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28533	1.2911	0.16131E-04
2	0.35369E-01	0.16004	0.19996E-05
3	0.51523E-02	0.23313E-01	0.29128E-06
4	0.16428E-02	0.74336E-02	0.92877E-07
5	0.11227E-02	0.50799E-02	0.63469E-07
6	0.90965E-03	0.41161E-02	0.51427E-07
7	0.72686E-03	0.32890E-02	0.41093E-07
8	0.54783E-03	0.24789E-02	0.30972E-07
9	0.36996E-03	0.16740E-02	0.20916E-07
10	0.19275E-03	0.87218E-03	0.10897E-07

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28599	1.2941	0.16168E-04
2	0.35665E-01	0.16138	0.20163E-05
3	0.52360E-02	0.23692E-01	0.29602E-06
4	0.16714E-02	0.75630E-02	0.94495E-07
5	0.11397E-02	0.51571E-02	0.64434E-07
6	0.92302E-03	0.41766E-02	0.52183E-07
7	0.73758E-03	0.33375E-02	0.41699E-07
8	0.55601E-03	0.25159E-02	0.31434E-07
9	0.37559E-03	0.16995E-02	0.21234E-07
10	0.19580E-03	0.88599E-03	0.11070E-07

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28659	1.2968	0.16203E-04
2	0.35942E-01	0.16264	0.20320E-05
3	0.53162E-02	0.24055E-01	0.30055E-06
4	0.16990E-02	0.76877E-02	0.96052E-07
5	0.11561E-02	0.52312E-02	0.65360E-07
6	0.93581E-03	0.42344E-02	0.52906E-07
7	0.74785E-03	0.33839E-02	0.42280E-07
8	0.56384E-03	0.25513E-02	0.31877E-07
9	0.38098E-03	0.17239E-02	0.21539E-07
10	0.19873E-03	0.89924E-03	0.11235E-07

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28715	1.2993	0.16234E-04
2	0.36203E-01	0.16381	0.20467E-05
3	0.53928E-02	0.24402E-01	0.30488E-06
4	0.17255E-02	0.78076E-02	0.97550E-07
5	0.11718E-02	0.53022E-02	0.66246E-07
6	0.94805E-03	0.42898E-02	0.53598E-07
7	0.75767E-03	0.34284E-02	0.42835E-07
8	0.57134E-03	0.25852E-02	0.32301E-07
9	0.38614E-03	0.17472E-02	0.21830E-07
10	0.20154E-03	0.91195E-03	0.11394E-07

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28766	1.3016	0.16263E-04
2	0.36447E-01	0.16492	0.20606E-05
3	0.54660E-02	0.24733E-01	0.30902E-06
4	0.17510E-02	0.79229E-02	0.98991E-07
5	0.11868E-02	0.53702E-02	0.67096E-07
6	0.95975E-03	0.43427E-02	0.54259E-07
7	0.76705E-03	0.34708E-02	0.43365E-07
8	0.57851E-03	0.26177E-02	0.32706E-07
9	0.39108E-03	0.17696E-02	0.22110E-07
10	0.20423E-03	0.92413E-03	0.11546E-07

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28813	1.3038	0.16289E-04
2	0.36676E-01	0.16596	0.20735E-05
3	0.55358E-02	0.25049E-01	0.31297E-06
4	0.17755E-02	0.80337E-02	0.10038E-06
5	0.12012E-02	0.54353E-02	0.67910E-07
6	0.97092E-03	0.43933E-02	0.54891E-07
7	0.77602E-03	0.35114E-02	0.43872E-07
8	0.58536E-03	0.26487E-02	0.33094E-07
9	0.39581E-03	0.17910E-02	0.22377E-07
10	0.20681E-03	0.93581E-03	0.11692E-07

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28856	1.3057	0.16314E-04
2	0.36891E-01	0.16693	0.20857E-05
3	0.56024E-02	0.25350E-01	0.31673E-06
4	0.17990E-02	0.81401E-02	0.10171E-06
5	0.12150E-02	0.54976E-02	0.68688E-07
6	0.98160E-03	0.44416E-02	0.55495E-07
7	0.78459E-03	0.35502E-02	0.44357E-07
8	0.59191E-03	0.26783E-02	0.33464E-07
9	0.40032E-03	0.18114E-02	0.22632E-07
10	0.20928E-03	0.94699E-03	0.11832E-07

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28895	1.3075	0.16336E-04
2	0.37092E-01	0.16784	0.20970E-05
3	0.56659E-02	0.25637E-01	0.32032E-06
4	0.18215E-02	0.82422E-02	0.10298E-06
5	0.12281E-02	0.55572E-02	0.69433E-07
6	0.99179E-03	0.44877E-02	0.56071E-07
7	0.79276E-03	0.35872E-02	0.44819E-07
8	0.59816E-03	0.27066E-02	0.33817E-07
9	0.40464E-03	0.18310E-02	0.22876E-07
10	0.21165E-03	0.95769E-03	0.11966E-07

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.28932	1.3091	0.16357E-04
2	0.37281E-01	0.16869	0.21077E-05
3	0.57263E-02	0.25911E-01	0.32374E-06
4	0.18432E-02	0.83402E-02	0.10420E-06
5	0.12407E-02	0.56142E-02	0.70145E-07
6	0.10015E-02	0.45318E-02	0.56621E-07
7	0.80056E-03	0.36224E-02	0.45260E-07
8	0.60413E-03	0.27336E-02	0.34155E-07
9	0.40877E-03	0.18496E-02	0.23110E-07
10	0.21391E-03	0.96793E-03	0.12094E-07

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
 |         Robert S. Kerr Environmental Research Laboratory    |
 |         U.S. Environmental Protection Agency                |
 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
```

Benceno Barranquilla
1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 58.000 ml/g, 0.20482E-02cu.ft./g
Kh = 0.22100 (dimensionless).
Aqueous solubility = 1790.0 mg/l, 50.687 g/cu.ft
Free air diffusion coefficient = .80400 sq. m/day, 3158.9 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.1500
Organic carbon content = 0.00610000
Recharge Rate = 0.01658000 ft/yr

Conc. in recharge water = 427.00 mg/l, 12.091 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

1.2 Benceno Medio

Benceno Barranquilla
1
1 50 1 1
58 0.221 1790 0.804
Polygon1
1290 2.3 0.16839 1.62 0.41 0.2 0.0061
468 0 0
10Y 50
10 10 0

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
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 |         P.O. Box 1198                                       |
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 |                                                             |
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 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 2.2316 g/sq.ft.
Mass in gas phase = 0.12637 g/sq.ft.
Mass in liquid phase = 0.54457 g/sq.ft.
Mass sorbed = 1.5606 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 2.2316 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.17536E-07g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 2.2316 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.2316 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.17536E-07g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 2.2316 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 4.3437 g/sq.ft.
Mass in gas phase = 0.24597 g/sq.ft.
Mass in liquid phase = 1.0600 g/sq.ft.
Mass sorbed = 3.0377 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 2.1121 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.89881E-07g/sq.ft.
Diffusion in from atmosphere = -0.10837 g/sq.ft.
Diffusion in from water table = -0.11087E-01g/sq.ft.
Total inflow at boundaries = 2.1121 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.3437 g/sq.ft.
Advection in from atmosphere = 4.4631 g/sq.ft.
Advection in from water table = -0.10742E-06g/sq.ft.
Diffusion in from atmosphere = -0.10837 g/sq.ft.
Diffusion in from water table = -0.11087E-01g/sq.ft.
Total inflow at boundaries = 4.3437 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 6.3431 g/sq.ft.
Mass in gas phase = 0.35919 g/sq.ft.
Mass in liquid phase = 1.5479 g/sq.ft.
Mass sorbed = 4.4360 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 1.9994 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.12900E-04g/sq.ft.
Diffusion in from atmosphere = -0.20959 g/sq.ft.
Diffusion in from water table = -0.22521E-01g/sq.ft.
Total inflow at boundaries = 1.9994 g/sq.ft.
Mass discrepancy = 0.10729E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 6.3431 g/sq.ft.
Advection in from atmosphere = 6.6947 g/sq.ft.
Advection in from water table = -0.13007E-04g/sq.ft.
Diffusion in from atmosphere = -0.31796 g/sq.ft.
Diffusion in from water table = -0.33608E-01g/sq.ft.
Total inflow at boundaries = 6.3431 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 8.2363 g/sq.ft.
Mass in gas phase = 0.46640 g/sq.ft.
Mass in liquid phase = 2.0099 g/sq.ft.
Mass sorbed = 5.7599 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 1.8931 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.39207E-04g/sq.ft.
Diffusion in from atmosphere = -0.30414 g/sq.ft.
Diffusion in from water table = -0.34240E-01g/sq.ft.
Total inflow at boundaries = 1.8931 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 8.2363 g/sq.ft.
Advection in from atmosphere = 8.9263 g/sq.ft.
Advection in from water table = -0.52214E-04g/sq.ft.
Diffusion in from atmosphere = -0.62210 g/sq.ft.

Diffusion in from water table = -0.67848E-01g/sq.ft.
Total inflow at boundaries = 8.2363 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 10.029 g/sq.ft.
Mass in gas phase = 0.56792 g/sq.ft.
Mass in liquid phase = 2.4474 g/sq.ft.
Mass sorbed = 7.0137 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 1.7928 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.79700E-04g/sq.ft.
Diffusion in from atmosphere = -0.39247 g/sq.ft.
Diffusion in from water table = -0.46189E-01g/sq.ft.
Total inflow at boundaries = 1.7928 g/sq.ft.
Mass discrepancy = -0.83447E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 10.029 g/sq.ft.
Advection in from atmosphere = 11.158 g/sq.ft.
Advection in from water table = -0.13191E-03g/sq.ft.
Diffusion in from atmosphere = -1.0146 g/sq.ft.
Diffusion in from water table = -0.11404 g/sq.ft.
Total inflow at boundaries = 10.029 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 11.727 g/sq.ft.
Mass in gas phase = 0.66408 g/sq.ft.
Mass in liquid phase = 2.8618 g/sq.ft.
Mass sorbed = 8.2013 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 1.6981 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.13501E-03g/sq.ft.
Diffusion in from atmosphere = -0.47499 g/sq.ft.
Diffusion in from water table = -0.58317E-01g/sq.ft.
Total inflow at boundaries = 1.6981 g/sq.ft.
Mass discrepancy = 0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 11.727 g/sq.ft.
Advection in from atmosphere = 13.389 g/sq.ft.
Advection in from water table = -0.26692E-03g/sq.ft.
Diffusion in from atmosphere = -1.4896 g/sq.ft.
Diffusion in from water table = -0.17235 g/sq.ft.
Total inflow at boundaries = 11.727 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 13.336 g/sq.ft.
Mass in gas phase = 0.75518 g/sq.ft.
Mass in liquid phase = 3.2544 g/sq.ft.
Mass sorbed = 9.3263 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 1.6087 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.20573E-03g/sq.ft.
Diffusion in from atmosphere = -0.55208 g/sq.ft.
Diffusion in from water table = -0.70577E-01g/sq.ft.
Total inflow at boundaries = 1.6087 g/sq.ft.
Mass discrepancy = -0.83447E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.336 g/sq.ft.
Advection in from atmosphere = 15.621 g/sq.ft.
Advection in from water table = -0.47265E-03g/sq.ft.
Diffusion in from atmosphere = -2.0416 g/sq.ft.
Diffusion in from water table = -0.24293 g/sq.ft.
Total inflow at boundaries = 13.336 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 14.860 g/sq.ft.
Mass in gas phase = 0.84149 g/sq.ft.
Mass in liquid phase = 3.6263 g/sq.ft.
Mass sorbed = 10.392 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 1.5242 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.29243E-03g/sq.ft.
Diffusion in from atmosphere = -0.62412 g/sq.ft.

Diffusion in from water table = -0.82927E-01g/sq.ft.
Total inflow at boundaries = 1.5242 g/sq.ft.
Mass discrepancy = 0.32187E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 14.860 g/sq.ft.
Advection in from atmosphere = 17.853 g/sq.ft.
Advection in from water table = -0.76508E-03g/sq.ft.
Diffusion in from atmosphere = -2.6658 g/sq.ft.
Diffusion in from water table = -0.32586 g/sq.ft.
Total inflow at boundaries = 14.860 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 16.305 g/sq.ft.
Mass in gas phase = 0.92329 g/sq.ft.
Mass in liquid phase = 3.9788 g/sq.ft.
Mass sorbed = 11.402 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 1.4444 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.39569E-03g/sq.ft.
Diffusion in from atmosphere = -0.69143 g/sq.ft.
Diffusion in from water table = -0.95328E-01g/sq.ft.
Total inflow at boundaries = 1.4444 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.305 g/sq.ft.
Advection in from atmosphere = 20.084 g/sq.ft.
Advection in from water table = -0.11608E-02g/sq.ft.
Diffusion in from atmosphere = -3.3572 g/sq.ft.
Diffusion in from water table = -0.42119 g/sq.ft.
Total inflow at boundaries = 16.305 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 17.674 g/sq.ft.
Mass in gas phase = 1.0008 g/sq.ft.
Mass in liquid phase = 4.3129 g/sq.ft.
Mass sorbed = 12.360 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 1.3690 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.51606E-03g/sq.ft.
Diffusion in from atmosphere = -0.75432 g/sq.ft.
Diffusion in from water table = -0.10774 g/sq.ft.
Total inflow at boundaries = 1.3690 g/sq.ft.
Mass discrepancy = -0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.674 g/sq.ft.
Advection in from atmosphere = 22.316 g/sq.ft.
Advection in from water table = -0.16768E-02g/sq.ft.
Diffusion in from atmosphere = -4.1115 g/sq.ft.
Diffusion in from water table = -0.52893 g/sq.ft.
Total inflow at boundaries = 17.674 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 18.971 g/sq.ft.
Mass in gas phase = 1.0743 g/sq.ft.
Mass in liquid phase = 4.6296 g/sq.ft.
Mass sorbed = 13.267 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 1.2977 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.65414E-03g/sq.ft.
Diffusion in from atmosphere = -0.81309 g/sq.ft.
Diffusion in from water table = -0.12014 g/sq.ft.
Total inflow at boundaries = 1.2977 g/sq.ft.
Mass discrepancy = 0.10729E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.971 g/sq.ft.
Advection in from atmosphere = 24.547 g/sq.ft.
Advection in from water table = -0.23310E-02g/sq.ft.
Diffusion in from atmosphere = -4.9246 g/sq.ft.
Diffusion in from water table = -0.64908 g/sq.ft.
Total inflow at boundaries = 18.971 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 20.201 g/sq.ft.
Mass in gas phase = 1.1440 g/sq.ft.
Mass in liquid phase = 4.9298 g/sq.ft.
Mass sorbed = 14.128 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 1.2302 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.81051E-03g/sq.ft.
Diffusion in from atmosphere = -0.86802 g/sq.ft.
Diffusion in from water table = -0.13250 g/sq.ft.
Total inflow at boundaries = 1.2302 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.201 g/sq.ft.
Advection in from atmosphere = 26.779 g/sq.ft.
Advection in from water table = -0.31415E-02g/sq.ft.
Diffusion in from atmosphere = -5.7926 g/sq.ft.
Diffusion in from water table = -0.78158 g/sq.ft.
Total inflow at boundaries = 20.201 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 21.368 g/sq.ft.
Mass in gas phase = 1.2100 g/sq.ft.
Mass in liquid phase = 5.2144 g/sq.ft.
Mass sorbed = 14.943 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 1.1665 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.98577E-03g/sq.ft.
Diffusion in from atmosphere = -0.91935 g/sq.ft.
Diffusion in from water table = -0.14478 g/sq.ft.
Total inflow at boundaries = 1.1664 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 21.368 g/sq.ft.
Advection in from atmosphere = 29.010 g/sq.ft.
Advection in from water table = -0.41272E-02g/sq.ft.
Diffusion in from atmosphere = -6.7120 g/sq.ft.

Diffusion in from water table = -0.92636 g/sq.ft.
Total inflow at boundaries = 21.368 g/sq.ft.
Mass discrepancy = 0.95367E-05g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 22.474 g/sq.ft.
Mass in gas phase = 1.2726 g/sq.ft.
Mass in liquid phase = 5.4844 g/sq.ft.
Mass sorbed = 15.717 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 1.1061 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.11805E-02g/sq.ft.
Diffusion in from atmosphere = -0.96732 g/sq.ft.
Diffusion in from water table = -0.15697 g/sq.ft.
Total inflow at boundaries = 1.1061 g/sq.ft.
Mass discrepancy = 0.15497E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 22.474 g/sq.ft.
Advection in from atmosphere = 31.242 g/sq.ft.
Advection in from water table = -0.53078E-02g/sq.ft.
Diffusion in from atmosphere = -7.6793 g/sq.ft.
Diffusion in from water table = -1.0833 g/sq.ft.
Total inflow at boundaries = 22.474 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 23.523 g/sq.ft.
Mass in gas phase = 1.3320 g/sq.ft.
Mass in liquid phase = 5.7403 g/sq.ft.
Mass sorbed = 16.451 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 1.0490 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.13955E-02g/sq.ft.
Diffusion in from atmosphere = -1.0122 g/sq.ft.
Diffusion in from water table = -0.16904 g/sq.ft.
Total inflow at boundaries = 1.0490 g/sq.ft.
Mass discrepancy = -0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 23.523 g/sq.ft.
Advection in from atmosphere = 33.473 g/sq.ft.
Advection in from water table = -0.67033E-02g/sq.ft.
Diffusion in from atmosphere = -8.6914 g/sq.ft.
Diffusion in from water table = -1.2524 g/sq.ft.
Total inflow at boundaries = 23.523 g/sq.ft.
Mass discrepancy = 0.95367E-05g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 24.518 g/sq.ft.
Mass in gas phase = 1.3884 g/sq.ft.
Mass in liquid phase = 5.9831 g/sq.ft.
Mass sorbed = 17.146 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 0.99490 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.16311E-02g/sq.ft.
Diffusion in from atmosphere = -1.0541 g/sq.ft.
Diffusion in from water table = -0.18098 g/sq.ft.
Total inflow at boundaries = 0.99490 g/sq.ft.
Mass discrepancy = 0.33975E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 24.518 g/sq.ft.
Advection in from atmosphere = 35.705 g/sq.ft.
Advection in from water table = -0.83344E-02g/sq.ft.
Diffusion in from atmosphere = -9.7455 g/sq.ft.
Diffusion in from water table = -1.4333 g/sq.ft.
Total inflow at boundaries = 24.518 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 25.462 g/sq.ft.
Mass in gas phase = 1.4418 g/sq.ft.
Mass in liquid phase = 6.2134 g/sq.ft.
Mass sorbed = 17.806 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 0.94369 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.18882E-02g/sq.ft.
Diffusion in from atmosphere = -1.0932 g/sq.ft.

Diffusion in from water table = -0.19276 g/sq.ft.
Total inflow at boundaries = 0.94369 g/sq.ft.
Mass discrepancy = -0.14901E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 25.462 g/sq.ft.
Advection in from atmosphere = 37.937 g/sq.ft.
Advection in from water table = -0.10223E-01g/sq.ft.
Diffusion in from atmosphere = -10.839 g/sq.ft.
Diffusion in from water table = -1.6261 g/sq.ft.
Total inflow at boundaries = 25.462 g/sq.ft.
Mass discrepancy = 0.13351E-04g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 26.357 g/sq.ft.
Mass in gas phase = 1.4925 g/sq.ft.
Mass in liquid phase = 6.4319 g/sq.ft.
Mass sorbed = 18.432 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 0.89520 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.21672E-02g/sq.ft.
Diffusion in from atmosphere = -1.1298 g/sq.ft.
Diffusion in from water table = -0.20438 g/sq.ft.
Total inflow at boundaries = 0.89519 g/sq.ft.
Mass discrepancy = 0.48280E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 26.357 g/sq.ft.
Advection in from atmosphere = 40.168 g/sq.ft.
Advection in from water table = -0.12390E-01g/sq.ft.
Diffusion in from atmosphere = -11.969 g/sq.ft.
Diffusion in from water table = -1.8305 g/sq.ft.
Total inflow at boundaries = 26.357 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 27.206 g/sq.ft.
Mass in gas phase = 1.5406 g/sq.ft.
Mass in liquid phase = 6.6391 g/sq.ft.
Mass sorbed = 19.026 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 0.84924 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.24688E-02g/sq.ft.
Diffusion in from atmosphere = -1.1640 g/sq.ft.
Diffusion in from water table = -0.21581 g/sq.ft.
Total inflow at boundaries = 0.84924 g/sq.ft.
Mass discrepancy = -0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 27.206 g/sq.ft.
Advection in from atmosphere = 42.400 g/sq.ft.
Advection in from water table = -0.14859E-01g/sq.ft.
Diffusion in from atmosphere = -13.133 g/sq.ft.
Diffusion in from water table = -2.0463 g/sq.ft.
Total inflow at boundaries = 27.206 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 28.012 g/sq.ft.
Mass in gas phase = 1.5862 g/sq.ft.
Mass in liquid phase = 6.8357 g/sq.ft.
Mass sorbed = 19.590 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 0.80570 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.27934E-02g/sq.ft.
Diffusion in from atmosphere = -1.1960 g/sq.ft.
Diffusion in from water table = -0.22705 g/sq.ft.
Total inflow at boundaries = 0.80570 g/sq.ft.
Mass discrepancy = -0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 28.012 g/sq.ft.
Advection in from atmosphere = 44.631 g/sq.ft.
Advection in from water table = -0.17652E-01g/sq.ft.
Diffusion in from atmosphere = -14.329 g/sq.ft.
Diffusion in from water table = -2.2733 g/sq.ft.
Total inflow at boundaries = 28.012 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 28.776 g/sq.ft.
Mass in gas phase = 1.6295 g/sq.ft.
Mass in liquid phase = 7.0223 g/sq.ft.
Mass sorbed = 20.124 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 0.76443 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.31415E-02g/sq.ft.
Diffusion in from atmosphere = -1.2259 g/sq.ft.
Diffusion in from water table = -0.23809 g/sq.ft.
Total inflow at boundaries = 0.76442 g/sq.ft.
Mass discrepancy = 0.39935E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 28.776 g/sq.ft.
Advection in from atmosphere = 46.863 g/sq.ft.
Advection in from water table = -0.20794E-01g/sq.ft.
Diffusion in from atmosphere = -15.555 g/sq.ft.
Diffusion in from water table = -2.5114 g/sq.ft.
Total inflow at boundaries = 28.776 g/sq.ft.
Mass discrepancy = 0.24796E-04g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 29.501 g/sq.ft.
Mass in gas phase = 1.6706 g/sq.ft.
Mass in liquid phase = 7.1993 g/sq.ft.
Mass sorbed = 20.632 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 0.72528 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.35135E-02g/sq.ft.
Diffusion in from atmosphere = -1.2539 g/sq.ft.
Diffusion in from water table = -0.24891 g/sq.ft.
Total inflow at boundaries = 0.72529 g/sq.ft.
Mass discrepancy = -0.26822E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 29.501 g/sq.ft.
Advection in from atmosphere = 49.094 g/sq.ft.
Advection in from water table = -0.24307E-01g/sq.ft.
Diffusion in from atmosphere = -16.808 g/sq.ft.

Diffusion in from water table = -2.7604 g/sq.ft.
Total inflow at boundaries = 29.501 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 30.190 g/sq.ft.
Mass in gas phase = 1.7096 g/sq.ft.
Mass in liquid phase = 7.3672 g/sq.ft.
Mass sorbed = 21.113 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 0.68818 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.39097E-02g/sq.ft.
Diffusion in from atmosphere = -1.2800 g/sq.ft.
Diffusion in from water table = -0.25952 g/sq.ft.
Total inflow at boundaries = 0.68818 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 30.190 g/sq.ft.
Advection in from atmosphere = 51.326 g/sq.ft.
Advection in from water table = -0.28217E-01g/sq.ft.
Diffusion in from atmosphere = -18.088 g/sq.ft.
Diffusion in from water table = -3.0199 g/sq.ft.
Total inflow at boundaries = 30.190 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Polygon 1
At time = 24.00, total mass in vadose zone = 30.843 g/sq.ft.
Mass in gas phase = 1.7465 g/sq.ft.
Mass in liquid phase = 7.5266 g/sq.ft.
Mass sorbed = 21.569 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 0.65298 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.43303E-02g/sq.ft.
Diffusion in from atmosphere = -1.3044 g/sq.ft.
Diffusion in from water table = -0.26989 g/sq.ft.
Total inflow at boundaries = 0.65297 g/sq.ft.
Mass discrepancy = 0.26822E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 30.843 g/sq.ft.
Advection in from atmosphere = 53.558 g/sq.ft.
Advection in from water table = -0.32547E-01g/sq.ft.
Diffusion in from atmosphere = -19.393 g/sq.ft.
Diffusion in from water table = -3.2898 g/sq.ft.
Total inflow at boundaries = 30.843 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.

Polygon 1
At time = 25.00, total mass in vadose zone = 31.462 g/sq.ft.
Mass in gas phase = 1.7816 g/sq.ft.
Mass in liquid phase = 7.6778 g/sq.ft.
Mass sorbed = 22.003 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 0.61957 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.47754E-02g/sq.ft.
Diffusion in from atmosphere = -1.3272 g/sq.ft.
Diffusion in from water table = -0.28004 g/sq.ft.
Total inflow at boundaries = 0.61957 g/sq.ft.
Mass discrepancy = -0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 31.462 g/sq.ft.
Advection in from atmosphere = 55.789 g/sq.ft.
Advection in from water table = -0.37322E-01g/sq.ft.
Diffusion in from atmosphere = -20.720 g/sq.ft.
Diffusion in from water table = -3.5698 g/sq.ft.
Total inflow at boundaries = 31.462 g/sq.ft.
Mass discrepancy = 0.24796E-04g/sq.ft.

Polygon 1
At time = 26.00, total mass in vadose zone = 32.050 g/sq.ft.
Mass in gas phase = 1.8149 g/sq.ft.
Mass in liquid phase = 7.8212 g/sq.ft.
Mass sorbed = 22.414 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 0.58788 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.52450E-02g/sq.ft.
Diffusion in from atmosphere = -1.3485 g/sq.ft.

Diffusion in from water table = -0.28994 g/sq.ft.
Total inflow at boundaries = 0.58788 g/sq.ft.
Mass discrepancy = 0.60797E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 32.050 g/sq.ft.
Advection in from atmosphere = 58.021 g/sq.ft.
Advection in from water table = -0.42568E-01g/sq.ft.
Diffusion in from atmosphere = -22.068 g/sq.ft.
Diffusion in from water table = -3.8597 g/sq.ft.
Total inflow at boundaries = 32.050 g/sq.ft.
Mass discrepancy = 0.34332E-04g/sq.ft.

Polygon 1
At time = 27.00, total mass in vadose zone = 32.608 g/sq.ft.
Mass in gas phase = 1.8465 g/sq.ft.
Mass in liquid phase = 7.9573 g/sq.ft.
Mass sorbed = 22.804 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 0.55780 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.57391E-02g/sq.ft.
Diffusion in from atmosphere = -1.3684 g/sq.ft.
Diffusion in from water table = -0.29961 g/sq.ft.
Total inflow at boundaries = 0.55780 g/sq.ft.
Mass discrepancy = 0.17881E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 32.608 g/sq.ft.
Advection in from atmosphere = 60.252 g/sq.ft.
Advection in from water table = -0.48307E-01g/sq.ft.
Diffusion in from atmosphere = -23.437 g/sq.ft.
Diffusion in from water table = -4.1593 g/sq.ft.
Total inflow at boundaries = 32.608 g/sq.ft.
Mass discrepancy = 0.34332E-04g/sq.ft.

Polygon 1
At time = 28.00, total mass in vadose zone = 33.137 g/sq.ft.
Mass in gas phase = 1.8765 g/sq.ft.
Mass in liquid phase = 8.0865 g/sq.ft.
Mass sorbed = 23.174 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 0.52924 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.62572E-02g/sq.ft.
Diffusion in from atmosphere = -1.3870 g/sq.ft.
Diffusion in from water table = -0.30903 g/sq.ft.
Total inflow at boundaries = 0.52924 g/sq.ft.
Mass discrepancy = -0.16093E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 33.137 g/sq.ft.
Advection in from atmosphere = 62.484 g/sq.ft.
Advection in from water table = -0.54564E-01g/sq.ft.
Diffusion in from atmosphere = -24.824 g/sq.ft.
Diffusion in from water table = -4.4684 g/sq.ft.
Total inflow at boundaries = 33.137 g/sq.ft.
Mass discrepancy = 0.34332E-04g/sq.ft.

Polygon 1
At time = 29.00, total mass in vadose zone = 33.639 g/sq.ft.
Mass in gas phase = 1.9049 g/sq.ft.
Mass in liquid phase = 8.2090 g/sq.ft.
Mass sorbed = 23.525 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 0.50212 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.67992E-02g/sq.ft.
Diffusion in from atmosphere = -1.4044 g/sq.ft.
Diffusion in from water table = -0.31820 g/sq.ft.
Total inflow at boundaries = 0.50212 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 33.639 g/sq.ft.
Advection in from atmosphere = 64.715 g/sq.ft.
Advection in from water table = -0.61363E-01g/sq.ft.
Diffusion in from atmosphere = -26.228 g/sq.ft.
Diffusion in from water table = -4.7866 g/sq.ft.
Total inflow at boundaries = 33.639 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.

Polygon 1
At time = 30.00, total mass in vadose zone = 34.116 g/sq.ft.
Mass in gas phase = 1.9319 g/sq.ft.
Mass in liquid phase = 8.3253 g/sq.ft.
Mass sorbed = 23.858 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 0.47637 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.73645E-02g/sq.ft.
Diffusion in from atmosphere = -1.4207 g/sq.ft.
Diffusion in from water table = -0.32712 g/sq.ft.
Total inflow at boundaries = 0.47637 g/sq.ft.
Mass discrepancy = 0.32485E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 34.116 g/sq.ft.
Advection in from atmosphere = 66.947 g/sq.ft.
Advection in from water table = -0.68728E-01g/sq.ft.
Diffusion in from atmosphere = -27.649 g/sq.ft.
Diffusion in from water table = -5.1137 g/sq.ft.
Total inflow at boundaries = 34.115 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.

Polygon 1
At time = 31.00, total mass in vadose zone = 34.567 g/sq.ft.
Mass in gas phase = 1.9575 g/sq.ft.
Mass in liquid phase = 8.4355 g/sq.ft.
Mass sorbed = 24.174 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 0.45192 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.79525E-02g/sq.ft.
Diffusion in from atmosphere = -1.4359 g/sq.ft.
Diffusion in from water table = -0.33580 g/sq.ft.
Total inflow at boundaries = 0.45191 g/sq.ft.
Mass discrepancy = 0.73612E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 34.567 g/sq.ft.
Advection in from atmosphere = 69.178 g/sq.ft.
Advection in from water table = -0.76680E-01g/sq.ft.
Diffusion in from atmosphere = -29.085 g/sq.ft.

Diffusion in from water table = -5.4495 g/sq.ft.
Total inflow at boundaries = 34.567 g/sq.ft.
Mass discrepancy = 0.34332E-04g/sq.ft.

Polygon 1
At time = 32.00, total mass in vadose zone = 34.996 g/sq.ft.
Mass in gas phase = 1.9817 g/sq.ft.
Mass in liquid phase = 8.5402 g/sq.ft.
Mass sorbed = 24.474 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.42866 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.85625E-02g/sq.ft.
Diffusion in from atmosphere = -1.4501 g/sq.ft.
Diffusion in from water table = -0.34423 g/sq.ft.
Total inflow at boundaries = 0.42867 g/sq.ft.
Mass discrepancy = -0.10699E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 34.996 g/sq.ft.
Advection in from atmosphere = 71.410 g/sq.ft.
Advection in from water table = -0.85243E-01g/sq.ft.
Diffusion in from atmosphere = -30.535 g/sq.ft.
Diffusion in from water table = -5.7937 g/sq.ft.
Total inflow at boundaries = 34.996 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.

Polygon 1
At time = 33.00, total mass in vadose zone = 35.403 g/sq.ft.
Mass in gas phase = 2.0048 g/sq.ft.
Mass in liquid phase = 8.6394 g/sq.ft.
Mass sorbed = 24.759 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.40660 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.91935E-02g/sq.ft.
Diffusion in from atmosphere = -1.4634 g/sq.ft.
Diffusion in from water table = -0.35241 g/sq.ft.
Total inflow at boundaries = 0.40660 g/sq.ft.
Mass discrepancy = 0.14007E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 35.403 g/sq.ft.
Advection in from atmosphere = 73.642 g/sq.ft.
Advection in from water table = -0.94436E-01g/sq.ft.
Diffusion in from atmosphere = -31.998 g/sq.ft.
Diffusion in from water table = -6.1461 g/sq.ft.
Total inflow at boundaries = 35.403 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Polygon 1
At time = 34.00, total mass in vadose zone = 35.788 g/sq.ft.
Mass in gas phase = 2.0266 g/sq.ft.
Mass in liquid phase = 8.7335 g/sq.ft.
Mass sorbed = 25.028 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.38562 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.98448E-02g/sq.ft.
Diffusion in from atmosphere = -1.4758 g/sq.ft.
Diffusion in from water table = -0.36034 g/sq.ft.
Total inflow at boundaries = 0.38562 g/sq.ft.
Mass discrepancy = -0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 35.788 g/sq.ft.
Advection in from atmosphere = 75.873 g/sq.ft.
Advection in from water table = -0.10428 g/sq.ft.
Diffusion in from atmosphere = -33.474 g/sq.ft.
Diffusion in from water table = -6.5065 g/sq.ft.
Total inflow at boundaries = 35.788 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 35.00, total mass in vadose zone = 36.154 g/sq.ft.
Mass in gas phase = 2.0473 g/sq.ft.
Mass in liquid phase = 8.8227 g/sq.ft.
Mass sorbed = 25.284 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.36569 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.10515E-01g/sq.ft.
Diffusion in from atmosphere = -1.4873 g/sq.ft.

Diffusion in from water table = -0.36803 g/sq.ft.
Total inflow at boundaries = 0.36568 g/sq.ft.
Mass discrepancy = 0.92387E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.154 g/sq.ft.
Advection in from atmosphere = 78.105 g/sq.ft.
Advection in from water table = -0.11480 g/sq.ft.
Diffusion in from atmosphere = -34.961 g/sq.ft.
Diffusion in from water table = -6.8745 g/sq.ft.
Total inflow at boundaries = 36.154 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Polygon 1
At time = 36.00, total mass in vadose zone = 36.501 g/sq.ft.
Mass in gas phase = 2.0669 g/sq.ft.
Mass in liquid phase = 8.9073 g/sq.ft.
Mass sorbed = 25.526 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.34673 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.11203E-01g/sq.ft.
Diffusion in from atmosphere = -1.4982 g/sq.ft.
Diffusion in from water table = -0.37547 g/sq.ft.
Total inflow at boundaries = 0.34674 g/sq.ft.
Mass discrepancy = -0.33677E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.501 g/sq.ft.
Advection in from atmosphere = 80.336 g/sq.ft.
Advection in from water table = -0.12600 g/sq.ft.
Diffusion in from atmosphere = -36.460 g/sq.ft.
Diffusion in from water table = -7.2500 g/sq.ft.
Total inflow at boundaries = 36.501 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 37.00, total mass in vadose zone = 36.829 g/sq.ft.
Mass in gas phase = 2.0856 g/sq.ft.
Mass in liquid phase = 8.9876 g/sq.ft.
Mass sorbed = 25.756 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.32873 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.11908E-01g/sq.ft.
Diffusion in from atmosphere = -1.5083 g/sq.ft.
Diffusion in from water table = -0.38267 g/sq.ft.
Total inflow at boundaries = 0.32873 g/sq.ft.
Mass discrepancy = 0.30696E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.829 g/sq.ft.
Advection in from atmosphere = 82.568 g/sq.ft.
Advection in from water table = -0.13791 g/sq.ft.
Diffusion in from atmosphere = -37.968 g/sq.ft.
Diffusion in from water table = -7.6326 g/sq.ft.
Total inflow at boundaries = 36.829 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 38.00, total mass in vadose zone = 37.141 g/sq.ft.
Mass in gas phase = 2.1032 g/sq.ft.
Mass in liquid phase = 9.0636 g/sq.ft.
Mass sorbed = 25.974 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.31161 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.12628E-01g/sq.ft.
Diffusion in from atmosphere = -1.5177 g/sq.ft.
Diffusion in from water table = -0.38963 g/sq.ft.
Total inflow at boundaries = 0.31161 g/sq.ft.
Mass discrepancy = -0.17881E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.141 g/sq.ft.
Advection in from atmosphere = 84.799 g/sq.ft.
Advection in from water table = -0.15054 g/sq.ft.
Diffusion in from atmosphere = -39.486 g/sq.ft.
Diffusion in from water table = -8.0223 g/sq.ft.
Total inflow at boundaries = 37.141 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 39.00, total mass in vadose zone = 37.436 g/sq.ft.
Mass in gas phase = 2.1199 g/sq.ft.
Mass in liquid phase = 9.1357 g/sq.ft.
Mass sorbed = 26.181 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.29534 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.13362E-01g/sq.ft.
Diffusion in from atmosphere = -1.5265 g/sq.ft.
Diffusion in from water table = -0.39635 g/sq.ft.
Total inflow at boundaries = 0.29534 g/sq.ft.
Mass discrepancy = 0.14603E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.436 g/sq.ft.
Advection in from atmosphere = 87.031 g/sq.ft.
Advection in from water table = -0.16390 g/sq.ft.
Diffusion in from atmosphere = -41.012 g/sq.ft.
Diffusion in from water table = -8.4186 g/sq.ft.
Total inflow at boundaries = 37.436 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 40.00, total mass in vadose zone = 37.716 g/sq.ft.
Mass in gas phase = 2.1358 g/sq.ft.
Mass in liquid phase = 9.2040 g/sq.ft.
Mass sorbed = 26.377 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.27987 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.14109E-01g/sq.ft.
Diffusion in from atmosphere = -1.5347 g/sq.ft.
Diffusion in from water table = -0.40284 g/sq.ft.
Total inflow at boundaries = 0.27987 g/sq.ft.
Mass discrepancy = 0.17881E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.716 g/sq.ft.
Advection in from atmosphere = 89.263 g/sq.ft.
Advection in from water table = -0.17801 g/sq.ft.
Diffusion in from atmosphere = -42.547 g/sq.ft.

Diffusion in from water table = -8.8215 g/sq.ft.
Total inflow at boundaries = 37.716 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 41.00, total mass in vadose zone = 37.981 g/sq.ft.
Mass in gas phase = 2.1508 g/sq.ft.
Mass in liquid phase = 9.2687 g/sq.ft.
Mass sorbed = 26.562 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.26517 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.14866E-01g/sq.ft.
Diffusion in from atmosphere = -1.5424 g/sq.ft.
Diffusion in from water table = -0.40910 g/sq.ft.
Total inflow at boundaries = 0.26517 g/sq.ft.
Mass discrepancy = 0.53048E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.981 g/sq.ft.
Advection in from atmosphere = 91.494 g/sq.ft.
Advection in from water table = -0.19287 g/sq.ft.
Diffusion in from atmosphere = -44.089 g/sq.ft.
Diffusion in from water table = -9.2306 g/sq.ft.
Total inflow at boundaries = 37.981 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 42.00, total mass in vadose zone = 38.233 g/sq.ft.
Mass in gas phase = 2.1650 g/sq.ft.
Mass in liquid phase = 9.3300 g/sq.ft.
Mass sorbed = 26.738 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.25119 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.15633E-01g/sq.ft.
Diffusion in from atmosphere = -1.5496 g/sq.ft.
Diffusion in from water table = -0.41514 g/sq.ft.
Total inflow at boundaries = 0.25119 g/sq.ft.
Mass discrepancy = -0.21756E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.233 g/sq.ft.
Advection in from atmosphere = 93.726 g/sq.ft.
Advection in from water table = -0.20851 g/sq.ft.
Diffusion in from atmosphere = -45.639 g/sq.ft.
Diffusion in from water table = -9.6457 g/sq.ft.
Total inflow at boundaries = 38.233 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 43.00, total mass in vadose zone = 38.471 g/sq.ft.
Mass in gas phase = 2.1785 g/sq.ft.
Mass in liquid phase = 9.3880 g/sq.ft.
Mass sorbed = 26.904 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.23791 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.16408E-01g/sq.ft.
Diffusion in from atmosphere = -1.5563 g/sq.ft.
Diffusion in from water table = -0.42095 g/sq.ft.
Total inflow at boundaries = 0.23791 g/sq.ft.
Mass discrepancy = 0.15646E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.471 g/sq.ft.
Advection in from atmosphere = 95.957 g/sq.ft.
Advection in from water table = -0.22491 g/sq.ft.
Diffusion in from atmosphere = -47.195 g/sq.ft.
Diffusion in from water table = -10.067 g/sq.ft.
Total inflow at boundaries = 38.471 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

Polygon 1
At time = 44.00, total mass in vadose zone = 38.696 g/sq.ft.
Mass in gas phase = 2.1913 g/sq.ft.
Mass in liquid phase = 9.4430 g/sq.ft.
Mass sorbed = 27.062 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.22528 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.17189E-01g/sq.ft.
Diffusion in from atmosphere = -1.5626 g/sq.ft.

Diffusion in from water table = -0.42654 g/sq.ft.
Total inflow at boundaries = 0.22528 g/sq.ft.
Mass discrepancy = 0.46194E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.696 g/sq.ft.
Advection in from atmosphere = 98.189 g/sq.ft.
Advection in from water table = -0.24210 g/sq.ft.
Diffusion in from atmosphere = -48.758 g/sq.ft.
Diffusion in from water table = -10.493 g/sq.ft.
Total inflow at boundaries = 38.696 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

Polygon 1
At time = 45.00, total mass in vadose zone = 38.909 g/sq.ft.
Mass in gas phase = 2.2033 g/sq.ft.
Mass in liquid phase = 9.4951 g/sq.ft.
Mass sorbed = 27.211 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.21327 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.17974E-01g/sq.ft.
Diffusion in from atmosphere = -1.5684 g/sq.ft.
Diffusion in from water table = -0.43192 g/sq.ft.
Total inflow at boundaries = 0.21327 g/sq.ft.
Mass discrepancy = -0.10431E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.909 g/sq.ft.
Advection in from atmosphere = 100.42 g/sq.ft.
Advection in from water table = -0.26008 g/sq.ft.
Diffusion in from atmosphere = -50.326 g/sq.ft.
Diffusion in from water table = -10.925 g/sq.ft.
Total inflow at boundaries = 38.909 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Polygon 1
At time = 46.00, total mass in vadose zone = 39.111 g/sq.ft.
Mass in gas phase = 2.2148 g/sq.ft.
Mass in liquid phase = 9.5443 g/sq.ft.
Mass sorbed = 27.352 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.20187 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.18763E-01g/sq.ft.
Diffusion in from atmosphere = -1.5738 g/sq.ft.
Diffusion in from water table = -0.43710 g/sq.ft.
Total inflow at boundaries = 0.20186 g/sq.ft.
Mass discrepancy = 0.28014E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.111 g/sq.ft.
Advection in from atmosphere = 102.65 g/sq.ft.
Advection in from water table = -0.27884 g/sq.ft.
Diffusion in from atmosphere = -51.900 g/sq.ft.
Diffusion in from water table = -11.362 g/sq.ft.
Total inflow at boundaries = 39.111 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Polygon 1
At time = 47.00, total mass in vadose zone = 39.302 g/sq.ft.
Mass in gas phase = 2.2256 g/sq.ft.
Mass in liquid phase = 9.5909 g/sq.ft.
Mass sorbed = 27.486 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.19102 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.19553E-01g/sq.ft.
Diffusion in from atmosphere = -1.5789 g/sq.ft.
Diffusion in from water table = -0.44206 g/sq.ft.
Total inflow at boundaries = 0.19102 g/sq.ft.
Mass discrepancy = 0.89407E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.302 g/sq.ft.
Advection in from atmosphere = 104.88 g/sq.ft.
Advection in from water table = -0.29839 g/sq.ft.
Diffusion in from atmosphere = -53.479 g/sq.ft.
Diffusion in from water table = -11.804 g/sq.ft.
Total inflow at boundaries = 39.302 g/sq.ft.
Mass discrepancy = -0.11444E-04g/sq.ft.

Polygon 1
At time = 48.00, total mass in vadose zone = 39.483 g/sq.ft.
Mass in gas phase = 2.2358 g/sq.ft.
Mass in liquid phase = 9.6350 g/sq.ft.
Mass sorbed = 27.612 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.18072 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.20344E-01g/sq.ft.
Diffusion in from atmosphere = -1.5837 g/sq.ft.
Diffusion in from water table = -0.44683 g/sq.ft.
Total inflow at boundaries = 0.18072 g/sq.ft.
Mass discrepancy = 0.31590E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.483 g/sq.ft.
Advection in from atmosphere = 107.12 g/sq.ft.
Advection in from water table = -0.31874 g/sq.ft.
Diffusion in from atmosphere = -55.063 g/sq.ft.
Diffusion in from water table = -12.251 g/sq.ft.
Total inflow at boundaries = 39.483 g/sq.ft.
Mass discrepancy = -0.11444E-04g/sq.ft.

Polygon 1
At time = 49.00, total mass in vadose zone = 39.654 g/sq.ft.
Mass in gas phase = 2.2455 g/sq.ft.
Mass in liquid phase = 9.6767 g/sq.ft.
Mass sorbed = 27.731 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.17093 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.21132E-01g/sq.ft.
Diffusion in from atmosphere = -1.5881 g/sq.ft.
Diffusion in from water table = -0.45141 g/sq.ft.
Total inflow at boundaries = 0.17093 g/sq.ft.
Mass discrepancy = -0.39637E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.654 g/sq.ft.
Advection in from atmosphere = 109.35 g/sq.ft.
Advection in from water table = -0.33987 g/sq.ft.
Diffusion in from atmosphere = -56.651 g/sq.ft.

Diffusion in from water table = -12.703 g/sq.ft.
Total inflow at boundaries = 39.654 g/sq.ft.
Mass discrepancy = -0.19073E-04g/sq.ft.

Polygon 1
At time = 50.00, total mass in vadose zone = 39.815 g/sq.ft.
Mass in gas phase = 2.2546 g/sq.ft.
Mass in liquid phase = 9.7162 g/sq.ft.
Mass sorbed = 27.844 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.16163 g/sq.ft.
Advection in from atmosphere = 2.2316 g/sq.ft.
Advection in from water table = -0.21918E-01g/sq.ft.
Diffusion in from atmosphere = -1.5922 g/sq.ft.
Diffusion in from water table = -0.45579 g/sq.ft.
Total inflow at boundaries = 0.16163 g/sq.ft.
Mass discrepancy = 0.29802E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.815 g/sq.ft.
Advection in from atmosphere = 111.58 g/sq.ft.
Advection in from water table = -0.36179 g/sq.ft.
Diffusion in from atmosphere = -58.243 g/sq.ft.
Diffusion in from water table = -13.158 g/sq.ft.
Total inflow at boundaries = 39.815 g/sq.ft.
Mass discrepancy = -0.22888E-04g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.17536E-07	0.22621E-04
2.00	0.11087E-01	14.302
3.00	0.22534E-01	29.068
4.00	0.34279E-01	44.220
5.00	0.46269E-01	59.687
6.00	0.58452E-01	75.403
7.00	0.70783E-01	91.310
8.00	0.83220E-01	107.35
9.00	0.95724E-01	123.48
10.00	0.10826	139.66
11.00	0.12080	155.83
12.00	0.13331	171.97

13.00	0.14577	188.04
14.00	0.15815	204.01
15.00	0.17044	219.86
16.00	0.18261	235.57
17.00	0.19465	251.10
18.00	0.20654	266.44
19.00	0.21828	281.58
20.00	0.22985	296.50
21.00	0.24123	311.19
22.00	0.25243	325.63
23.00	0.26343	339.82
24.00	0.27422	353.75
25.00	0.28481	367.41
26.00	0.29519	380.79
27.00	0.30534	393.89
28.00	0.31528	406.72
29.00	0.32500	419.25
30.00	0.33449	431.49
31.00	0.34375	443.44
32.00	0.35279	455.10
33.00	0.36160	466.47
34.00	0.37019	477.54
35.00	0.37854	488.32
36.00	0.38667	498.81
37.00	0.39458	509.00
38.00	0.40226	518.91
39.00	0.40971	528.53
40.00	0.41695	537.87
41.00	0.42397	546.92
42.00	0.43077	555.69
43.00	0.43736	564.19
44.00	0.44373	572.41
45.00	0.44990	580.37
46.00	0.45586	588.06
47.00	0.46162	595.49
48.00	0.46718	602.66
49.00	0.47254	609.57
50.00	0.47771	616.24

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)

1.00	0.22621E-04	0.22621E-04
2.00	14.302	14.302
3.00	29.068	43.371
4.00	44.220	87.591
5.00	59.687	147.28
6.00	75.403	222.68
7.00	91.310	313.99
8.00	107.35	421.35
9.00	123.48	544.83
10.00	139.66	684.48
11.00	155.83	840.32
12.00	171.97	1012.3
13.00	188.04	1200.3
14.00	204.01	1404.3
15.00	219.86	1624.2
16.00	235.57	1859.8
17.00	251.10	2110.9
18.00	266.44	2377.3
19.00	281.58	2658.9
20.00	296.50	2955.4
21.00	311.19	3266.6
22.00	325.63	3592.2
23.00	339.82	3932.0
24.00	353.75	4285.8
25.00	367.41	4653.2
26.00	380.79	5034.0
27.00	393.89	5427.9
28.00	406.72	5834.6
29.00	419.25	6253.8
30.00	431.49	6685.3
31.00	443.44	7128.8
32.00	455.10	7583.9
33.00	466.47	8050.3
34.00	477.54	8527.9
35.00	488.32	9016.2
36.00	498.81	9515.0
37.00	509.00	10024.
38.00	518.91	10543.
39.00	528.53	11071.
40.00	537.87	11609.
41.00	546.92	12156.
42.00	555.69	12712.
43.00	564.19	13276.
44.00	572.41	13849.

45.00	580.37	14429.
46.00	588.06	15017.
47.00	595.49	15612.
48.00	602.66	16215.
49.00	609.57	16825.
50.00	616.24	17441.

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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
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Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22115	1.0007	0.12503E-04
2	0.34216E-01	0.15482	0.19344E-05
3	0.52937E-02	0.23953E-01	0.29928E-06
4	0.81901E-03	0.37059E-02	0.46303E-07
5	0.12671E-03	0.57336E-03	0.71637E-08
6	0.19604E-04	0.88707E-04	0.11083E-08
7	0.30331E-05	0.13724E-04	0.17148E-09

8	0.46926E-06	0.21234E-05	0.26530E-10
9	0.72602E-07	0.32851E-06	0.41046E-11
10	0.11233E-07	0.50826E-07	0.63503E-12

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.41322	1.8698	0.23361E-04
2	0.78166E-01	0.35369	0.44191E-05
3	0.14380E-01	0.65066E-01	0.81296E-06
4	0.26497E-02	0.11989E-01	0.14980E-06
5	0.53486E-03	0.24202E-02	0.30239E-07
6	0.14988E-03	0.67821E-03	0.84737E-08
7	0.70520E-04	0.31909E-03	0.39868E-08
8	0.44711E-04	0.20231E-03	0.25278E-08
9	0.28444E-04	0.12871E-03	0.16081E-08
10	0.14022E-04	0.63449E-04	0.79275E-09

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.58004	2.6246	0.32792E-04
2	0.12871	0.58239	0.72765E-05
3	0.27093E-01	0.12259	0.15317E-05
4	0.56547E-02	0.25587E-01	0.31969E-06
5	0.12997E-02	0.58811E-02	0.73480E-07
6	0.41330E-03	0.18701E-02	0.23366E-07
7	0.20813E-03	0.94175E-03	0.11766E-07
8	0.13428E-03	0.60760E-03	0.75916E-08
9	0.85973E-04	0.38902E-03	0.48605E-08
10	0.43003E-04	0.19458E-03	0.24312E-08

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.72493	3.2802	0.40984E-04
2	0.18336	0.82966	0.10366E-04
3	0.43128E-01	0.19515	0.24382E-05
4	0.99389E-02	0.44972E-01	0.56189E-06
5	0.24910E-02	0.11271E-01	0.14083E-06
6	0.83448E-03	0.37759E-02	0.47177E-07
7	0.42274E-03	0.19129E-02	0.23900E-07
8	0.27101E-03	0.12263E-02	0.15321E-07
9	0.17346E-03	0.78489E-03	0.98066E-08

10	0.87805E-04	0.39731E-03	0.49640E-08

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.85078	3.8497	0.48099E-04
2	0.24017	1.0867	0.13578E-04
3	0.62090E-01	0.28095	0.35103E-05
4	0.15554E-01	0.70378E-01	0.87932E-06
5	0.41692E-02	0.18865E-01	0.23571E-06
6	0.14390E-02	0.65113E-02	0.81353E-07
7	0.72233E-03	0.32685E-02	0.40837E-07
8	0.45705E-03	0.20681E-02	0.25840E-07
9	0.29170E-03	0.13199E-02	0.16491E-07
10	0.14919E-03	0.67505E-03	0.84342E-08

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.96011	4.3444	0.54280E-04
2	0.29764	1.3468	0.16827E-04
3	0.83544E-01	0.37803	0.47232E-05
4	0.22503E-01	0.10182	0.12722E-05
5	0.63838E-02	0.28886E-01	0.36091E-06
6	0.22521E-02	0.10190E-01	0.12732E-06
7	0.11157E-02	0.50484E-02	0.63077E-07
8	0.69495E-03	0.31446E-02	0.39289E-07
9	0.44151E-03	0.19978E-02	0.24961E-07
10	0.22783E-03	0.10309E-02	0.12880E-07

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0551	4.7742	0.59650E-04
2	0.35462	1.6046	0.20048E-04
3	0.10704	0.48433	0.60514E-05
4	0.30751E-01	0.13914	0.17385E-05
5	0.91713E-02	0.41499E-01	0.51850E-06
6	0.32976E-02	0.14921E-01	0.18643E-06
7	0.16122E-02	0.72951E-02	0.91147E-07
8	0.98756E-03	0.44686E-02	0.55832E-07
9	0.62380E-03	0.28226E-02	0.35266E-07
10	0.32437E-03	0.14678E-02	0.18339E-07

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1376	5.1476	0.64315E-04
2	0.41026	1.8564	0.23194E-04
3	0.13213	0.59786	0.74698E-05
4	0.40229E-01	0.18203	0.22744E-05
5	0.12555E-01	0.56810E-01	0.70980E-06
6	0.45970E-02	0.20801E-01	0.25989E-06
7	0.22215E-02	0.10052E-01	0.12559E-06
8	0.13381E-02	0.60547E-02	0.75649E-07
9	0.83953E-03	0.37988E-02	0.47463E-07
10	0.43942E-03	0.19883E-02	0.24843E-07

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2093	5.4720	0.68369E-04
2	0.46393	2.0992	0.26229E-04
3	0.15839	0.71670	0.89546E-05
4	0.50844E-01	0.23007	0.28745E-05
5	0.16546E-01	0.74867E-01	0.93541E-06
6	0.61688E-02	0.27913E-01	0.34876E-06
7	0.29529E-02	0.13362E-01	0.16694E-06
8	0.17500E-02	0.79184E-02	0.98935E-07
9	0.10898E-02	0.49313E-02	0.61613E-07
10	0.57355E-03	0.25953E-02	0.32426E-07

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2716	5.7539	0.71891E-04
2	0.51521	2.3313	0.29127E-04
3	0.18544	0.83908	0.10484E-04
4	0.62484E-01	0.28273	0.35325E-05
5	0.21141E-01	0.95660E-01	0.11952E-05
6	0.80277E-02	0.36325E-01	0.45385E-06
7	0.38157E-02	0.17265E-01	0.21572E-06
8	0.22268E-02	0.10076E-01	0.12589E-06
9	0.13758E-02	0.62255E-02	0.77782E-07
10	0.72737E-03	0.32913E-02	0.41122E-07

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3258	5.9990	0.74953E-04
2	0.56380	2.5511	0.31874E-04
3	0.21292	0.96343	0.12037E-04
4	0.75023E-01	0.33947	0.42414E-05
5	0.26327E-01	0.11913	0.14884E-05
6	0.10184E-01	0.46083E-01	0.57578E-06
7	0.48180E-02	0.21801E-01	0.27239E-06
8	0.27724E-02	0.12545E-01	0.15674E-06
9	0.16989E-02	0.76871E-02	0.96045E-07
10	0.90146E-03	0.40790E-02	0.50964E-07

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3728	6.2119	0.77613E-04
2	0.60953	2.7580	0.34460E-04
3	0.24052	1.0883	0.13598E-04
4	0.88329E-01	0.39968	0.49937E-05
5	0.32081E-01	0.14516	0.18137E-05
6	0.12645E-01	0.57218E-01	0.71490E-06
7	0.59674E-02	0.27002E-01	0.33737E-06
8	0.33902E-02	0.15340E-01	0.19167E-06
9	0.20603E-02	0.93226E-02	0.11648E-06
10	0.10964E-02	0.49613E-02	0.61987E-07

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4137	6.3970	0.79926E-04
2	0.65232	2.9517	0.36879E-04
3	0.26796	1.2125	0.15149E-04
4	0.10227	0.46275	0.57817E-05
5	0.38371E-01	0.17363	0.21693E-05
6	0.15412E-01	0.69739E-01	0.87134E-06
7	0.72700E-02	0.32896E-01	0.41101E-06
8	0.40840E-02	0.18479E-01	0.23089E-06
9	0.24615E-02	0.11138E-01	0.13916E-06
10	0.13129E-02	0.59409E-02	0.74227E-07

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4493	6.5579	0.81936E-04
2	0.69216	3.1320	0.39131E-04
3	0.29503	1.3350	0.16679E-04
4	0.11670	0.52808	0.65979E-05
5	0.45157E-01	0.20433	0.25530E-05
6	0.18484E-01	0.83636E-01	0.10450E-05
7	0.87305E-02	0.39505E-01	0.49358E-06
8	0.48569E-02	0.21977E-01	0.27458E-06
9	0.29040E-02	0.13140E-01	0.16418E-06
10	0.15516E-02	0.70210E-02	0.87722E-07

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4802	6.6978	0.83684E-04
2	0.72910	3.2991	0.41220E-04
3	0.32151	1.4548	0.18177E-04
4	0.13151	0.59507	0.74350E-05
5	0.52395E-01	0.23708	0.29622E-05
6	0.21853E-01	0.98882E-01	0.12355E-05
7	0.10352E-01	0.46842E-01	0.58526E-06
8	0.57119E-02	0.25846E-01	0.32292E-06
9	0.33893E-02	0.15336E-01	0.19161E-06
10	0.18132E-02	0.82044E-02	0.10251E-06

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5071	6.8195	0.85205E-04
2	0.76323	3.4535	0.43149E-04
3	0.34726	1.5713	0.19632E-04
4	0.14656	0.66317	0.82858E-05
5	0.60035E-01	0.27165	0.33941E-05
6	0.25510E-01	0.11543	0.14422E-05
7	0.12137E-01	0.54917E-01	0.68614E-06
8	0.66516E-02	0.30098E-01	0.37605E-06
9	0.39186E-02	0.17731E-01	0.22154E-06
10	0.20983E-02	0.94944E-02	0.11862E-06

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5305	6.9253	0.86526E-04
2	0.79464	3.5956	0.44925E-04
3	0.37215	1.6839	0.21039E-04
4	0.16174	0.73185	0.91439E-05
5	0.68025E-01	0.30780	0.38458E-05
6	0.29443E-01	0.13322	0.16645E-05
7	0.14084E-01	0.63728E-01	0.79623E-06
8	0.76780E-02	0.34742E-01	0.43408E-06
9	0.44934E-02	0.20332E-01	0.25403E-06
10	0.24075E-02	0.10894E-01	0.13611E-06

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5508	7.0173	0.87676E-04
2	0.82347	3.7261	0.46555E-04
3	0.39608	1.7922	0.22392E-04
4	0.17694	0.80063	0.10003E-04
5	0.76311E-01	0.34530	0.43143E-05
6	0.33633E-01	0.15219	0.19015E-05
7	0.16192E-01	0.73268E-01	0.91542E-06
8	0.87926E-02	0.39786E-01	0.49709E-06
9	0.51148E-02	0.23144E-01	0.28917E-06
10	0.27417E-02	0.12406E-01	0.15500E-06

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5685	7.0974	0.88677E-04
2	0.84986	3.8455	0.48047E-04
3	0.41897	1.8958	0.23687E-04
4	0.19206	0.86906	0.10858E-04
5	0.84840E-01	0.38389	0.47965E-05
6	0.38064E-01	0.17224	0.21520E-05
7	0.18458E-01	0.83522E-01	0.10435E-05
8	0.99962E-02	0.45232E-01	0.56514E-06
9	0.57839E-02	0.26172E-01	0.32699E-06
10	0.31014E-02	0.14034E-01	0.17534E-06

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5839	7.1671	0.89547E-04
2	0.87397	3.9546	0.49410E-04
3	0.44078	1.9945	0.24920E-04
4	0.20702	0.93676	0.11704E-04
5	0.93558E-01	0.42334	0.52893E-05
6	0.42714E-01	0.19327	0.24148E-05
7	0.20878E-01	0.94469E-01	0.11803E-05
8	0.11289E-01	0.51082E-01	0.63823E-06
9	0.65015E-02	0.29419E-01	0.36756E-06
10	0.34873E-02	0.15780E-01	0.19716E-06

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5973	7.2277	0.90305E-04
2	0.89594	4.0540	0.50652E-04
3	0.46149	2.0882	0.26090E-04
4	0.22174	1.0034	0.12536E-04
5	0.10241	0.46340	0.57899E-05
6	0.47560E-01	0.21520	0.26888E-05
7	0.23444E-01	0.10608	0.13254E-05
8	0.12671E-01	0.57333E-01	0.71633E-06
9	0.72683E-02	0.32888E-01	0.41091E-06
10	0.38999E-02	0.17646E-01	0.22048E-06

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6090	7.2805	0.90964E-04
2	0.91592	4.1445	0.51782E-04
3	0.48107	2.1768	0.27197E-04
4	0.23616	1.0686	0.13351E-04
5	0.11135	0.50386	0.62953E-05
6	0.52579E-01	0.23791	0.29726E-05
7	0.26149E-01	0.11832	0.14784E-05
8	0.14139E-01	0.63980E-01	0.79938E-06
9	0.80846E-02	0.36582E-01	0.45706E-06
10	0.43396E-02	0.19636E-01	0.24534E-06

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6191	7.3264	0.91538E-04
2	0.93407	4.2266	0.52808E-04
3	0.49952	2.2603	0.28241E-04
4	0.25021	1.1322	0.14146E-04
5	0.12033	0.54448	0.68029E-05
6	0.57746E-01	0.26130	0.32647E-05
7	0.28986E-01	0.13116	0.16387E-05
8	0.15694E-01	0.71014E-01	0.88727E-06
9	0.89505E-02	0.40500E-01	0.50602E-06
10	0.48070E-02	0.21751E-01	0.27176E-06

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6280	7.3665	0.92039E-04
2	0.95052	4.3010	0.53738E-04
3	0.51687	2.3388	0.29221E-04
4	0.26385	1.1939	0.14917E-04
5	0.12930	0.58507	0.73101E-05
6	0.63038E-01	0.28524	0.35638E-05
7	0.31943E-01	0.14454	0.18059E-05
8	0.17332E-01	0.78425E-01	0.97986E-06
9	0.98659E-02	0.44642E-01	0.55777E-06
10	0.53022E-02	0.23992E-01	0.29976E-06

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6357	7.4013	0.92474E-04
2	0.96542	4.3684	0.54580E-04
3	0.53313	2.4123	0.30140E-04
4	0.27705	1.2536	0.15663E-04
5	0.13822	0.62545	0.78145E-05
6	0.68427E-01	0.30963	0.38686E-05
7	0.35011E-01	0.15842	0.19793E-05
8	0.19050E-01	0.86197E-01	0.10770E-05
9	0.10830E-01	0.49006E-01	0.61229E-06
10	0.58256E-02	0.26360E-01	0.32935E-06

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6424	7.4317	0.92854E-04
2	0.97889	4.4294	0.55342E-04
3	0.54833	2.4811	0.31000E-04
4	0.28976	1.3111	0.16382E-04
5	0.14706	0.66543	0.83141E-05
6	0.73892E-01	0.33435	0.41775E-05
7	0.38178E-01	0.17275	0.21584E-05
8	0.20844E-01	0.94315E-01	0.11784E-05
9	0.11843E-01	0.53587E-01	0.66953E-06
10	0.63772E-02	0.28856E-01	0.36054E-06

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6483	7.4582	0.93185E-04
2	0.99105	4.4844	0.56029E-04
3	0.56251	2.5453	0.31801E-04
4	0.30198	1.3664	0.17072E-04
5	0.15578	0.70487	0.88068E-05
6	0.79406E-01	0.35930	0.44892E-05
7	0.41433E-01	0.18748	0.23424E-05
8	0.22709E-01	0.10276	0.12839E-05
9	0.12902E-01	0.58382E-01	0.72944E-06
10	0.69570E-02	0.31480E-01	0.39331E-06

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6534	7.4813	0.93473E-04
2	1.0020	4.5341	0.56650E-04
3	0.57570	2.6050	0.32547E-04
4	0.31367	1.4193	0.17733E-04
5	0.16434	0.74362	0.92910E-05
6	0.84948E-01	0.38438	0.48025E-05
7	0.44764E-01	0.20255	0.25307E-05
8	0.24643E-01	0.11150	0.13932E-05
9	0.14008E-01	0.63384E-01	0.79194E-06
10	0.75647E-02	0.34230E-01	0.42767E-06

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6578	7.5014	0.93724E-04
2	1.0119	4.5788	0.57209E-04
3	0.58796	2.6604	0.33240E-04
4	0.32484	1.4699	0.18365E-04
5	0.17273	0.78156	0.97650E-05
6	0.90495E-01	0.40948	0.51161E-05
7	0.48158E-01	0.21791	0.27226E-05
8	0.26638E-01	0.12053	0.15060E-05
9	0.15157E-01	0.68585E-01	0.85692E-06
10	0.82002E-02	0.37105E-01	0.46360E-06

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6617	7.5190	0.93944E-04
2	1.0208	4.6191	0.57712E-04
3	0.59932	2.7119	0.33883E-04
4	0.33547	1.5180	0.18966E-04
5	0.18091	0.81859	0.10228E-04
6	0.96025E-01	0.43450	0.54288E-05
7	0.51603E-01	0.23350	0.29174E-05
8	0.28689E-01	0.12982	0.16219E-05
9	0.16349E-01	0.73977E-01	0.92429E-06
10	0.88628E-02	0.40103E-01	0.50106E-06

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6651	7.5343	0.94136E-04
2	1.0288	4.6554	0.58165E-04
3	0.60984	2.7594	0.34477E-04
4	0.34558	1.5637	0.19537E-04
5	0.18887	0.85461	0.10678E-04
6	0.10152	0.45937	0.57395E-05
7	0.55087E-01	0.24926	0.31143E-05
8	0.30791E-01	0.13933	0.17408E-05
9	0.17580E-01	0.79550E-01	0.99391E-06
10	0.95521E-02	0.43222E-01	0.54003E-06

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6680	7.5477	0.94303E-04
2	1.0360	4.6880	0.58573E-04
3	0.61955	2.8034	0.35027E-04
4	0.35515	1.6070	0.20078E-04
5	0.19659	0.88954	0.11114E-04
6	0.10696	0.48400	0.60472E-05
7	0.58598E-01	0.26515	0.33128E-05
8	0.32938E-01	0.14904	0.18622E-05
9	0.18849E-01	0.85292E-01	0.10657E-05
10	0.10267E-01	0.46458E-01	0.58046E-06

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6706	7.5594	0.94449E-04
2	1.0425	4.7173	0.58939E-04
3	0.62852	2.8440	0.35533E-04
4	0.36420	1.6480	0.20590E-04
5	0.20406	0.92334	0.11536E-04
6	0.11233	0.50830	0.63509E-05
7	0.62123E-01	0.28110	0.35121E-05
8	0.35123E-01	0.15893	0.19857E-05
9	0.20153E-01	0.91191E-01	0.11394E-05
10	0.11007E-01	0.49807E-01	0.62230E-06

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6729	7.5696	0.94577E-04
2	1.0483	4.7436	0.59267E-04
3	0.63678	2.8813	0.36000E-04
4	0.37275	1.6866	0.21073E-04
5	0.21126	0.95594	0.11944E-04
6	0.11762	0.53222	0.66497E-05
7	0.65653E-01	0.29707	0.37117E-05
8	0.37340E-01	0.16896	0.21110E-05
9	0.21489E-01	0.97236E-01	0.12149E-05
10	0.11772E-01	0.53265E-01	0.66550E-06

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6749	7.5785	0.94688E-04
2	1.0535	4.7672	0.59562E-04
3	0.64438	2.9157	0.36430E-04
4	0.38079	1.7230	0.21528E-04
5	0.21820	0.98731	0.12336E-04
6	0.12281	0.55569	0.69430E-05
7	0.69175E-01	0.31301	0.39108E-05
8	0.39583E-01	0.17911	0.22378E-05
9	0.22854E-01	0.10341	0.12920E-05
10	0.12558E-01	0.56826E-01	0.70999E-06

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6766	7.5863	0.94786E-04
2	1.0582	4.7883	0.59827E-04
3	0.65136	2.9473	0.36825E-04
4	0.38835	1.7573	0.21956E-04
5	0.22485	1.0174	0.12712E-04
6	0.12788	0.57866	0.72300E-05
7	0.72680E-01	0.32887	0.41089E-05
8	0.41845E-01	0.18934	0.23657E-05
9	0.24245E-01	0.10970	0.13707E-05
10	0.13367E-01	0.60484E-01	0.75570E-06

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6781	7.5932	0.94871E-04
2	1.0624	4.8073	0.60064E-04
3	0.65777	2.9763	0.37187E-04
4	0.39545	1.7894	0.22357E-04
5	0.23123	1.0463	0.13073E-04
6	0.13284	0.60108	0.75101E-05
7	0.76157E-01	0.34460	0.43055E-05
8	0.44119E-01	0.19964	0.24943E-05
9	0.25658E-01	0.11610	0.14506E-05
10	0.14196E-01	0.64234E-01	0.80255E-06

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6794	7.5992	0.94946E-04
2	1.0662	4.8243	0.60277E-04
3	0.66365	3.0029	0.37519E-04
4	0.40210	1.8195	0.22733E-04
5	0.23732	1.0739	0.13417E-04
6	0.13766	0.62291	0.77828E-05
7	0.79598E-01	0.36017	0.45001E-05
8	0.46401E-01	0.20996	0.26233E-05
9	0.27090E-01	0.12258	0.15316E-05
10	0.15043E-01	0.68068E-01	0.85046E-06

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6806	7.6044	0.95012E-04
2	1.0695	4.8396	0.60467E-04
3	0.66903	3.0273	0.37824E-04
4	0.40832	1.8476	0.23085E-04
5	0.24314	1.1002	0.13746E-04
6	0.14235	0.64412	0.80477E-05
7	0.82994E-01	0.37554	0.46921E-05
8	0.48683E-01	0.22029	0.27523E-05
9	0.28539E-01	0.12914	0.16134E-05
10	0.15908E-01	0.71980E-01	0.89933E-06

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6816	7.6090	0.95069E-04
2	1.0726	4.8533	0.60638E-04
3	0.67396	3.0496	0.38102E-04
4	0.41413	1.8739	0.23413E-04
5	0.24868	1.1252	0.14059E-04
6	0.14689	0.66466	0.83045E-05
7	0.86338E-01	0.39067	0.48811E-05
8	0.50961E-01	0.23059	0.28811E-05
9	0.30000E-01	0.13575	0.16960E-05
10	0.16788E-01	0.75962E-01	0.94908E-06

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6825	7.6131	0.95120E-04
2	1.0753	4.8655	0.60791E-04
3	0.67846	3.0700	0.38357E-04
4	0.41955	1.8984	0.23719E-04
5	0.25394	1.1490	0.14356E-04
6	0.15128	0.68454	0.85528E-05
7	0.89622E-01	0.40553	0.50668E-05
8	0.53227E-01	0.24085	0.30092E-05
9	0.31470E-01	0.14240	0.17792E-05
10	0.17681E-01	0.80006E-01	0.99961E-06

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6833	7.6166	0.95164E-04
2	1.0777	4.8764	0.60928E-04
3	0.68258	3.0886	0.38590E-04
4	0.42460	1.9213	0.24005E-04
5	0.25893	1.1716	0.14639E-04
6	0.15552	0.70371	0.87924E-05
7	0.92840E-01	0.42009	0.52487E-05
8	0.55478E-01	0.25103	0.31365E-05
9	0.32946E-01	0.14908	0.18626E-05
10	0.18587E-01	0.84104E-01	0.10508E-05

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6840	7.6197	0.95203E-04
2	1.0799	4.8862	0.61050E-04
3	0.68634	3.1056	0.38802E-04
4	0.42930	1.9425	0.24270E-04
5	0.26366	1.1930	0.14906E-04
6	0.15960	0.72218	0.90231E-05
7	0.95987E-01	0.43433	0.54266E-05
8	0.57708E-01	0.26112	0.32625E-05
9	0.34424E-01	0.15577	0.19462E-05
10	0.19503E-01	0.88249E-01	0.11026E-05

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6846	7.6225	0.95237E-04
2	1.0818	4.8950	0.61160E-04
3	0.68977	3.1211	0.38996E-04
4	0.43366	1.9623	0.24517E-04
5	0.26813	1.2133	0.15159E-04
6	0.16353	0.73994	0.92450E-05
7	0.99057E-01	0.44822	0.56002E-05
8	0.59912E-01	0.27110	0.33871E-05
9	0.35902E-01	0.16245	0.20297E-05
10	0.20427E-01	0.92431E-01	0.11549E-05

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6851	7.6249	0.95267E-04
2	1.0835	4.9029	0.61258E-04
3	0.69289	3.1353	0.39173E-04
4	0.43771	1.9806	0.24746E-04
5	0.27236	1.2324	0.15398E-04
6	0.16729	0.75698	0.94579E-05
7	0.10205	0.46175	0.57692E-05
8	0.62086E-01	0.28093	0.35101E-05
9	0.37375E-01	0.16912	0.21130E-05
10	0.21358E-01	0.96643E-01	0.12075E-05

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6856	7.6270	0.95294E-04
2	1.0851	4.9099	0.61346E-04
3	0.69574	3.1481	0.39334E-04
4	0.44147	1.9976	0.24959E-04
5	0.27634	1.2504	0.15623E-04
6	0.17090	0.77330	0.96618E-05
7	0.10495	0.47490	0.59335E-05
8	0.64227E-01	0.29062	0.36311E-05
9	0.38842E-01	0.17576	0.21959E-05
10	0.22294E-01	0.10088	0.12604E-05

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6860	7.6289	0.95317E-04
2	1.0865	4.9162	0.61425E-04
3	0.69833	3.1599	0.39480E-04
4	0.44495	2.0133	0.25155E-04
5	0.28009	1.2674	0.15835E-04
6	0.17435	0.78891	0.98569E-05
7	0.10777	0.48765	0.60929E-05
8	0.66330E-01	0.30013	0.37499E-05
9	0.40299E-01	0.18235	0.22783E-05
10	0.23232E-01	0.10512	0.13134E-05

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6863	7.6305	0.95338E-04
2	1.0877	4.9219	0.61495E-04
3	0.70069	3.1706	0.39614E-04
4	0.44817	2.0279	0.25337E-04
5	0.28362	1.2833	0.16034E-04
6	0.17764	0.80382	0.10043E-04
7	0.11050	0.50000	0.62472E-05
8	0.68391E-01	0.30946	0.38665E-05
9	0.41743E-01	0.18888	0.23599E-05
10	0.24171E-01	0.10937	0.13665E-05

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6867	7.6320	0.95356E-04
2	1.0888	4.9269	0.61558E-04
3	0.70284	3.1803	0.39735E-04
4	0.45115	2.0414	0.25506E-04
5	0.28693	1.2983	0.16222E-04
6	0.18078	0.81803	0.10221E-04
7	0.11314	0.51194	0.63963E-05
8	0.70409E-01	0.31859	0.39806E-05
9	0.43172E-01	0.19535	0.24407E-05
10	0.25110E-01	0.11362	0.14196E-05

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6870	7.6333	0.95372E-04
2	1.0898	4.9314	0.61615E-04
3	0.70479	3.1891	0.39846E-04
4	0.45390	2.0538	0.25661E-04
5	0.29004	1.3124	0.16397E-04
6	0.18377	0.83156	0.10390E-04
7	0.11568	0.52346	0.65403E-05
8	0.72380E-01	0.32751	0.40920E-05
9	0.44583E-01	0.20173	0.25205E-05
10	0.26046E-01	0.11786	0.14725E-05

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                 (USEPA Contractors)                         |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla
 1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 58.000 ml/g, 0.20482E-02cu.ft./g
Kh = 0.22100 (dimensionless).
Aqueous solubility = 1790.0 mg/l, 50.687 g/cu.ft
Free air diffusion coefficient = .80400 sq. m/day, 3158.9 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
 10 cells, each cell 2.300 ft. thick.
Soil Properties:
 Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
 Porosity = 0.4100 Volumetric water content = 0.2000
 Organic carbon content = 0.00610000
Recharge Rate = 0.16839001 ft/yr

Conc. in recharge water = 468.00 mg/l, 13.252 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

1.3 Benceno Alto

Benceno Barranquilla
1
1 50 1 1
58 0.221 1790 0.804
Polygon1
1290 2.3 0.8858 1.62 0.41 0.25 0.0061
531 0 0
10Y 50
10 10 0

```
|------------------------------------------------------------|
|                 VLEACH (Version 2.2a, 1996)                |
|                                                            |
|                            By:                             |
|         Varadhan Ravi and Jeffrey A. Johnson               |
|                   (USEPA Contractors)                      |
|         Center for Subsurface Modeling Support             |
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|         P.O. Box 1198                                      |
|         Ada, OK 74820                                      |
|                                                            |
|         Based on the original VLEACH (version 1.0)         |
|         developed by CH2M Hill, Redding, California        |
|         for USEPA Region IX                                |
|------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 13.316 g/sq.ft.
Mass in gas phase = 0.54845 g/sq.ft.
Mass in liquid phase = 3.8776 g/sq.ft.
Mass sorbed = 8.8899 g/sq.ft.

```
Since last printout at time =      0.00
        Change in Total Mass =     13.316    g/sq.ft.
           Advection in from atmosphere =      13.319    g/sq.ft.
           Advection in from water table =    -0.32395E-02g/sq.ft.
           Diffusion in from atmosphere =      0.0000     g/sq.ft.
                     Diffusion in from water table =      0.0000    g/sq.ft.
                Total inflow at boundaries =       13.316    g/sq.ft.
                Mass discrepancy =      0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
                Change in Total Mass =       13.316    g/sq.ft.
                     Advection in from atmosphere =       13.319    g/sq.ft.
                     Advection in from water table =    -0.32395E-02g/sq.ft.
                     Diffusion in from atmosphere =       0.0000    g/sq.ft.
                     Diffusion in from water table =      0.0000    g/sq.ft.
                Total inflow at boundaries =       13.316    g/sq.ft.
                Mass discrepancy =      0.95367E-06g/sq.ft.


Polygon   1
At time =       2.00, total mass in vadose zone =      26.140    g/sq.ft.
Mass in gas phase     =       1.0766    g/sq.ft.
Mass in liquid phase  =       7.6121    g/sq.ft.
Mass sorbed           =       17.452    g/sq.ft.

Since last printout at time =       1.00
                Change in Total Mass =       12.824    g/sq.ft.
                     Advection in from atmosphere =       13.319    g/sq.ft.
                     Advection in from water table =    -0.13897E-01g/sq.ft.
                     Diffusion in from atmosphere =     -0.41874    g/sq.ft.
                     Diffusion in from water table =    -0.62214E-01g/sq.ft.
                Total inflow at boundaries =       12.824    g/sq.ft.
                Mass discrepancy =       0.0000    g/sq.ft.

Since beginning of run at time = 0.0
                Change in Total Mass =       26.140    g/sq.ft.
                     Advection in from atmosphere =       26.638    g/sq.ft.
                     Advection in from water table =    -0.17137E-01g/sq.ft.
                     Diffusion in from atmosphere =     -0.41874    g/sq.ft.
                     Diffusion in from water table =    -0.62214E-01g/sq.ft.
                Total inflow at boundaries =       26.140    g/sq.ft.
                Mass discrepancy =       0.0000    g/sq.ft.


Polygon   1
At time =       3.00, total mass in vadose zone =      38.487    g/sq.ft.
Mass in gas phase     =       1.5852    g/sq.ft.
Mass in liquid phase  =       11.207    g/sq.ft.
Mass sorbed           =       25.694    g/sq.ft.

Since last printout at time =       2.00
                Change in Total Mass =       12.347    g/sq.ft.
                     Advection in from atmosphere =       13.319    g/sq.ft.
                     Advection in from water table =    -0.38211E-01g/sq.ft.
                     Diffusion in from atmosphere =     -0.79477    g/sq.ft.
                     Diffusion in from water table =    -0.13946    g/sq.ft.
                Total inflow at boundaries =       12.347    g/sq.ft.
                Mass discrepancy =      0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
                Change in Total Mass =       38.487    g/sq.ft.
                     Advection in from atmosphere =       39.958    g/sq.ft.
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                    Advection in from water table =   -0.55348E-01g/sq.ft.
                    Diffusion in from atmosphere =     -1.2135    g/sq.ft.
                    Diffusion in from water table =    -0.20168   g/sq.ft.
               Total inflow at boundaries =      38.487    g/sq.ft.
               Mass discrepancy =     0.38147E-05g/sq.ft.


Polygon   1
At time =       4.00, total mass in vadose zone =     50.361    g/sq.ft.
Mass in gas phase     =       2.0742    g/sq.ft.
Mass in liquid phase  =       14.665    g/sq.ft.
Mass sorbed           =       33.622    g/sq.ft.

Since last printout at time =       3.00
               Change in Total Mass =      11.874    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =   -0.82105E-01g/sq.ft.
                    Diffusion in from atmosphere =     -1.1321    g/sq.ft.
                    Diffusion in from water table =    -0.23065   g/sq.ft.
               Total inflow at boundaries =      11.874    g/sq.ft.
               Mass discrepancy =    -0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      50.361    g/sq.ft.
                    Advection in from atmosphere =      53.277    g/sq.ft.
                    Advection in from water table =    -0.13745   g/sq.ft.
                    Diffusion in from atmosphere =     -2.3456    g/sq.ft.
                    Diffusion in from water table =    -0.43233   g/sq.ft.
               Total inflow at boundaries =      50.361    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.


Polygon   1
At time =       5.00, total mass in vadose zone =     61.761    g/sq.ft.
Mass in gas phase     =       2.5438    g/sq.ft.
Mass in liquid phase  =       17.985    g/sq.ft.
Mass sorbed           =       41.232    g/sq.ft.

Since last printout at time =       4.00
               Change in Total Mass =      11.399    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.15106   g/sq.ft.
                    Diffusion in from atmosphere =     -1.4344    g/sq.ft.
                    Diffusion in from water table =    -0.33445   g/sq.ft.
               Total inflow at boundaries =      11.399    g/sq.ft.
               Mass discrepancy =     0.95367E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      61.761    g/sq.ft.
                    Advection in from atmosphere =      66.596    g/sq.ft.
                    Advection in from water table =    -0.28851   g/sq.ft.
                    Diffusion in from atmosphere =     -3.7800    g/sq.ft.
                    Diffusion in from water table =    -0.76678   g/sq.ft.
               Total inflow at boundaries =      61.761    g/sq.ft.
               Mass discrepancy =     0.76294E-05g/sq.ft.


Polygon   1
At time =       6.00, total mass in vadose zone =     72.676    g/sq.ft.
Mass in gas phase     =       2.9933    g/sq.ft.
Mass in liquid phase  =       21.163    g/sq.ft.
Mass sorbed           =       48.520    g/sq.ft.

Since last printout at time =       5.00
               Change in Total Mass =      10.916    g/sq.ft.
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                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.24952    g/sq.ft.
                    Diffusion in from atmosphere =     -1.7048    g/sq.ft.
                    Diffusion in from water table =    -0.44928    g/sq.ft.
               Total inflow at boundaries =      10.916    g/sq.ft.
               Mass discrepancy =     0.11444E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      72.676    g/sq.ft.
                    Advection in from atmosphere =      79.915    g/sq.ft.
                    Advection in from water table =    -0.53803    g/sq.ft.
                    Diffusion in from atmosphere =     -5.4848    g/sq.ft.
                    Diffusion in from water table =    -1.2161    g/sq.ft.
               Total inflow at boundaries =      72.676    g/sq.ft.
               Mass discrepancy =     0.22888E-04g/sq.ft.


Polygon   1
At time =       7.00, total mass in vadose zone =     83.095    g/sq.ft.
Mass in gas phase     =       3.4225    g/sq.ft.
Mass in liquid phase  =       24.197    g/sq.ft.
Mass sorbed           =       55.475    g/sq.ft.

Since last printout at time =       6.00
               Change in Total Mass =      10.419    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.38046    g/sq.ft.
                    Diffusion in from atmosphere =     -1.9463    g/sq.ft.
                    Diffusion in from water table =    -0.57337    g/sq.ft.
               Total inflow at boundaries =      10.419    g/sq.ft.
               Mass discrepancy =     0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      83.095    g/sq.ft.
                    Advection in from atmosphere =      93.234    g/sq.ft.
                    Advection in from water table =    -0.91849    g/sq.ft.
                    Diffusion in from atmosphere =     -7.4311    g/sq.ft.
                    Diffusion in from water table =    -1.7894    g/sq.ft.
               Total inflow at boundaries =      83.095    g/sq.ft.
               Mass discrepancy =     0.30518E-04g/sq.ft.


Polygon   1
At time =       8.00, total mass in vadose zone =     93.003    g/sq.ft.
Mass in gas phase     =       3.8305    g/sq.ft.
Mass in liquid phase  =       27.082    g/sq.ft.
Mass sorbed           =       62.090    g/sq.ft.

Since last printout at time =       7.00
               Change in Total Mass =      9.9076    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.54520    g/sq.ft.
                    Diffusion in from atmosphere =     -2.1616    g/sq.ft.
                    Diffusion in from water table =    -0.70478    g/sq.ft.
               Total inflow at boundaries =      9.9076    g/sq.ft.
               Mass discrepancy =     0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      93.003    g/sq.ft.
                    Advection in from atmosphere =      106.55    g/sq.ft.
                    Advection in from water table =    -1.4637    g/sq.ft.
                    Diffusion in from atmosphere =     -9.5927    g/sq.ft.
                    Diffusion in from water table =    -2.4942    g/sq.ft.
               Total inflow at boundaries =      93.003    g/sq.ft.
               Mass discrepancy =     0.30518E-04g/sq.ft.
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Polygon   1
At time =       9.00, total mass in vadose zone =     102.38    g/sq.ft.
Mass in gas phase     =       4.2169    g/sq.ft.
Mass in liquid phase  =       29.814    g/sq.ft.
Mass sorbed           =       68.353    g/sq.ft.

Since last printout at time =       8.00
               Change in Total Mass =      9.3812    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.74334    g/sq.ft.
                    Diffusion in from atmosphere =     -2.3531    g/sq.ft.
                    Diffusion in from water table =    -0.84148    g/sq.ft.
               Total inflow at boundaries =      9.3812    g/sq.ft.
               Mass discrepancy =      0.0000    g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      102.38    g/sq.ft.
                    Advection in from atmosphere =      119.87    g/sq.ft.
                    Advection in from water table =     -2.2070    g/sq.ft.
                    Diffusion in from atmosphere =     -11.946    g/sq.ft.
                    Diffusion in from water table =     -3.3357    g/sq.ft.
               Total inflow at boundaries =      102.38    g/sq.ft.
               Mass discrepancy =     0.38147E-04g/sq.ft.


Polygon   1
At time =      10.00, total mass in vadose zone =     111.23    g/sq.ft.
Mass in gas phase     =       4.5811    g/sq.ft.
Mass in liquid phase  =       32.389    g/sq.ft.
Mass sorbed           =       74.256    g/sq.ft.

Since last printout at time =       9.00
               Change in Total Mass =      8.8417    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -0.97290    g/sq.ft.
                    Diffusion in from atmosphere =     -2.5232    g/sq.ft.
                    Diffusion in from water table =    -0.98142    g/sq.ft.
               Total inflow at boundaries =      8.8417    g/sq.ft.
               Mass discrepancy =    -0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      111.23    g/sq.ft.
                    Advection in from atmosphere =      133.19    g/sq.ft.
                    Advection in from water table =     -3.1799    g/sq.ft.
                    Diffusion in from atmosphere =     -14.469    g/sq.ft.
                    Diffusion in from water table =     -4.3171    g/sq.ft.
               Total inflow at boundaries =      111.23    g/sq.ft.
               Mass discrepancy =     0.30518E-04g/sq.ft.


Polygon   1
At time =      11.00, total mass in vadose zone =     119.52    g/sq.ft.
Mass in gas phase     =       4.9226    g/sq.ft.
Mass in liquid phase  =       34.804    g/sq.ft.
Mass sorbed           =       79.792    g/sq.ft.

Since last printout at time =      10.00
               Change in Total Mass =      8.2923    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -1.2306    g/sq.ft.
                    Diffusion in from atmosphere =     -2.6737    g/sq.ft.
                    Diffusion in from water table =     -1.1226    g/sq.ft.
               Total inflow at boundaries =      8.2923    g/sq.ft.
               Mass discrepancy =     0.76294E-05g/sq.ft.
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Since beginning of run at time = 0.0
               Change in Total Mass =      119.52    g/sq.ft.
                    Advection in from atmosphere =      146.51    g/sq.ft.
                    Advection in from water table =    -4.4105    g/sq.ft.
                    Diffusion in from atmosphere =     -17.143    g/sq.ft.
                    Diffusion in from water table =    -5.4397    g/sq.ft.
               Total inflow at boundaries =      119.52    g/sq.ft.
               Mass discrepancy =     0.38147E-04g/sq.ft.


Polygon   1
At time =      12.00, total mass in vadose zone =     127.26    g/sq.ft.
Mass in gas phase     =       5.2413    g/sq.ft.
Mass in liquid phase  =       37.057    g/sq.ft.
Mass sorbed           =       84.957    g/sq.ft.

Since last printout at time =      11.00
               Change in Total Mass =      7.7373    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -1.5120    g/sq.ft.
                    Diffusion in from atmosphere =     -2.8067    g/sq.ft.
                    Diffusion in from water table =    -1.2632    g/sq.ft.
               Total inflow at boundaries =      7.7373    g/sq.ft.
               Mass discrepancy =     0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      127.26    g/sq.ft.
                    Advection in from atmosphere =      159.83    g/sq.ft.
                    Advection in from water table =    -5.9225    g/sq.ft.
                    Diffusion in from atmosphere =     -19.949    g/sq.ft.
                    Diffusion in from water table =    -6.7029    g/sq.ft.
               Total inflow at boundaries =      127.26    g/sq.ft.
               Mass discrepancy =     0.45776E-04g/sq.ft.


Polygon   1
At time =      13.00, total mass in vadose zone =     134.44    g/sq.ft.
Mass in gas phase     =       5.5371    g/sq.ft.
Mass in liquid phase  =       39.148    g/sq.ft.
Mass sorbed           =       89.752    g/sq.ft.

Since last printout at time =      12.00
               Change in Total Mass =      7.1817    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -1.8122    g/sq.ft.
                    Diffusion in from atmosphere =     -2.9238    g/sq.ft.
                    Diffusion in from water table =    -1.4014    g/sq.ft.
               Total inflow at boundaries =      7.1817    g/sq.ft.
               Mass discrepancy =     0.71526E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      134.44    g/sq.ft.
                    Advection in from atmosphere =      173.15    g/sq.ft.
                    Advection in from water table =    -7.7347    g/sq.ft.
                    Diffusion in from atmosphere =     -22.873    g/sq.ft.
                    Diffusion in from water table =    -8.1044    g/sq.ft.
               Total inflow at boundaries =      134.44    g/sq.ft.
               Mass discrepancy =     0.45776E-04g/sq.ft.


Polygon   1
At time =      14.00, total mass in vadose zone =     141.07    g/sq.ft.
Mass in gas phase     =       5.8102    g/sq.ft.
Mass in liquid phase  =       41.079    g/sq.ft.
Mass sorbed           =       94.179    g/sq.ft.
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Since last printout at time =      13.00
               Change in Total Mass =      6.6308    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -2.1257    g/sq.ft.
                    Diffusion in from atmosphere =     -3.0268    g/sq.ft.
                    Diffusion in from water table =    -1.5359    g/sq.ft.
               Total inflow at boundaries =      6.6308    g/sq.ft.
               Mass discrepancy =    -0.85831E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      141.07    g/sq.ft.
                    Advection in from atmosphere =      186.47    g/sq.ft.
                    Advection in from water table =    -9.8603    g/sq.ft.
                    Diffusion in from atmosphere =     -25.900    g/sq.ft.
                    Diffusion in from water table =    -9.6402    g/sq.ft.
               Total inflow at boundaries =      141.07    g/sq.ft.
               Mass discrepancy =     0.30518E-04g/sq.ft.


Polygon   1
At time =      15.00, total mass in vadose zone =     147.16    g/sq.ft.
Mass in gas phase     =       6.0610    g/sq.ft.
Mass in liquid phase  =       42.852    g/sq.ft.
Mass sorbed           =       98.244    g/sq.ft.

Since last printout at time =      14.00
               Change in Total Mass =      6.0899    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -2.4471    g/sq.ft.
                    Diffusion in from atmosphere =     -3.1171    g/sq.ft.
                    Diffusion in from water table =    -1.6652    g/sq.ft.
               Total inflow at boundaries =      6.0898    g/sq.ft.
               Mass discrepancy =     0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      147.16    g/sq.ft.
                    Advection in from atmosphere =      199.79    g/sq.ft.
                    Advection in from water table =    -12.307    g/sq.ft.
                    Diffusion in from atmosphere =     -29.017    g/sq.ft.
                    Diffusion in from water table =    -11.305    g/sq.ft.
               Total inflow at boundaries =      147.16    g/sq.ft.
               Mass discrepancy =     0.45776E-04g/sq.ft.


Polygon   1
At time =      16.00, total mass in vadose zone =     152.72    g/sq.ft.
Mass in gas phase     =       6.2902    g/sq.ft.
Mass in liquid phase  =       44.473    g/sq.ft.
Mass sorbed           =       101.96    g/sq.ft.

Since last printout at time =      15.00
               Change in Total Mass =      5.5637    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -2.7711    g/sq.ft.
                    Diffusion in from atmosphere =     -3.1959    g/sq.ft.
                    Diffusion in from water table =    -1.7884    g/sq.ft.
               Total inflow at boundaries =      5.5637    g/sq.ft.
               Mass discrepancy =     0.30041E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      152.72    g/sq.ft.
                    Advection in from atmosphere =      213.11    g/sq.ft.
                    Advection in from water table =    -15.079    g/sq.ft.
                    Diffusion in from atmosphere =     -32.213    g/sq.ft.
                    Diffusion in from water table =    -13.094    g/sq.ft.
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               Total inflow at boundaries =      152.72    g/sq.ft.
               Mass discrepancy =     0.76294E-04g/sq.ft.


Polygon   1
At time =      17.00, total mass in vadose zone =     157.78    g/sq.ft.
Mass in gas phase     =       6.4985    g/sq.ft.
Mass in liquid phase  =       45.945    g/sq.ft.
Mass sorbed           =       105.33    g/sq.ft.

Since last printout at time =      16.00
               Change in Total Mass =      5.0568    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -3.0929    g/sq.ft.
                    Diffusion in from atmosphere =     -3.2647    g/sq.ft.
                    Diffusion in from water table =    -1.9048    g/sq.ft.
               Total inflow at boundaries =      5.0568    g/sq.ft.
               Mass discrepancy =     0.57220E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      157.78    g/sq.ft.
                    Advection in from atmosphere =      226.43    g/sq.ft.
                    Advection in from water table =    -18.171    g/sq.ft.
                    Diffusion in from atmosphere =     -35.478    g/sq.ft.
                    Diffusion in from water table =    -14.999    g/sq.ft.
               Total inflow at boundaries =      157.78    g/sq.ft.
               Mass discrepancy =     0.76294E-04g/sq.ft.


Polygon   1
At time =      18.00, total mass in vadose zone =     162.35    g/sq.ft.
Mass in gas phase     =       6.6868    g/sq.ft.
Mass in liquid phase  =       47.277    g/sq.ft.
Mass sorbed           =       108.39    g/sq.ft.

Since last printout at time =      17.00
               Change in Total Mass =      4.5729    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -3.4082    g/sq.ft.
                    Diffusion in from atmosphere =     -3.3245    g/sq.ft.
                    Diffusion in from water table =    -2.0136    g/sq.ft.
               Total inflow at boundaries =      4.5729    g/sq.ft.
               Mass discrepancy =    -0.33379E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      162.35    g/sq.ft.
                    Advection in from atmosphere =      239.75    g/sq.ft.
                    Advection in from water table =    -21.580    g/sq.ft.
                    Diffusion in from atmosphere =     -38.802    g/sq.ft.
                    Diffusion in from water table =    -17.012    g/sq.ft.
               Total inflow at boundaries =      162.35    g/sq.ft.
               Mass discrepancy =     0.61035E-04g/sq.ft.


Polygon   1
At time =      19.00, total mass in vadose zone =     166.47    g/sq.ft.
Mass in gas phase     =       6.8563    g/sq.ft.
Mass in liquid phase  =       48.475    g/sq.ft.
Mass sorbed           =       111.13    g/sq.ft.

Since last printout at time =      18.00
               Change in Total Mass =      4.1149    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -3.7133    g/sq.ft.
                    Diffusion in from atmosphere =     -3.3764    g/sq.ft.
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                    Diffusion in from water table =     -2.1147    g/sq.ft.
               Total inflow at boundaries =      4.1149    g/sq.ft.
               Mass discrepancy =     0.11444E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      166.47    g/sq.ft.
                    Advection in from atmosphere =      253.06    g/sq.ft.
                    Advection in from water table =     -25.293    g/sq.ft.
                    Diffusion in from atmosphere =     -42.179    g/sq.ft.
                    Diffusion in from water table =     -19.127    g/sq.ft.
               Total inflow at boundaries =      166.47    g/sq.ft.
               Mass discrepancy =     0.76294E-04g/sq.ft.


Polygon   1
At time =      20.00, total mass in vadose zone =     170.15    g/sq.ft.
Mass in gas phase     =       7.0081    g/sq.ft.
Mass in liquid phase  =       49.548    g/sq.ft.
Mass sorbed           =       113.60    g/sq.ft.

Since last printout at time =      19.00
               Change in Total Mass =      3.6851    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -4.0051    g/sq.ft.
                    Diffusion in from atmosphere =     -3.4212    g/sq.ft.
                    Diffusion in from water table =     -2.2078    g/sq.ft.
               Total inflow at boundaries =      3.6850    g/sq.ft.
               Mass discrepancy =     0.15974E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      170.15    g/sq.ft.
                    Advection in from atmosphere =      266.38    g/sq.ft.
                    Advection in from water table =     -29.298    g/sq.ft.
                    Diffusion in from atmosphere =     -45.600    g/sq.ft.
                    Diffusion in from water table =     -21.335    g/sq.ft.
               Total inflow at boundaries =      170.15    g/sq.ft.
               Mass discrepancy =     0.76294E-04g/sq.ft.


Polygon   1
At time =      21.00, total mass in vadose zone =     173.44    g/sq.ft.
Mass in gas phase     =       7.1434    g/sq.ft.
Mass in liquid phase  =       50.505    g/sq.ft.
Mass sorbed           =       115.79    g/sq.ft.

Since last printout at time =      20.00
               Change in Total Mass =      3.2848    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -4.2814    g/sq.ft.
                    Diffusion in from atmosphere =     -3.4599    g/sq.ft.
                    Diffusion in from water table =     -2.2931    g/sq.ft.
               Total inflow at boundaries =      3.2848    g/sq.ft.
               Mass discrepancy =     0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      173.44    g/sq.ft.
                    Advection in from atmosphere =      279.70    g/sq.ft.
                    Advection in from water table =     -33.579    g/sq.ft.
                    Diffusion in from atmosphere =     -49.060    g/sq.ft.
                    Diffusion in from water table =     -23.628    g/sq.ft.
               Total inflow at boundaries =      173.44    g/sq.ft.
               Mass discrepancy =     0.76294E-04g/sq.ft.
```

```
Polygon   1
At time =      22.00, total mass in vadose zone =     176.35    g/sq.ft.
Mass in gas phase     =       7.2634    g/sq.ft.
Mass in liquid phase  =       51.353    g/sq.ft.
Mass sorbed           =       117.73    g/sq.ft.

Since last printout at time =      21.00
               Change in Total Mass =      2.9150    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -4.5405    g/sq.ft.
                    Diffusion in from atmosphere =     -3.4932    g/sq.ft.
                    Diffusion in from water table =    -2.3705    g/sq.ft.
               Total inflow at boundaries =      2.9150    g/sq.ft.
               Mass discrepancy =     0.31233E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      176.35    g/sq.ft.
                    Advection in from atmosphere =      293.02    g/sq.ft.
                    Advection in from water table =    -38.120    g/sq.ft.
                    Diffusion in from atmosphere =     -52.553    g/sq.ft.
                    Diffusion in from water table =    -25.998    g/sq.ft.
               Total inflow at boundaries =      176.35    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      23.00, total mass in vadose zone =     178.93    g/sq.ft.
Mass in gas phase     =       7.3695    g/sq.ft.
Mass in liquid phase  =       52.103    g/sq.ft.
Mass sorbed           =       119.45    g/sq.ft.

Since last printout at time =      22.00
               Change in Total Mass =      2.5757    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -4.7813    g/sq.ft.
                    Diffusion in from atmosphere =     -3.5218    g/sq.ft.
                    Diffusion in from water table =    -2.4405    g/sq.ft.
               Total inflow at boundaries =      2.5757    g/sq.ft.
               Mass discrepancy =    -0.17881E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      178.93    g/sq.ft.
                    Advection in from atmosphere =      306.34    g/sq.ft.
                    Advection in from water table =    -42.901    g/sq.ft.
                    Diffusion in from atmosphere =     -56.075    g/sq.ft.
                    Diffusion in from water table =    -28.439    g/sq.ft.
               Total inflow at boundaries =      178.93    g/sq.ft.
               Mass discrepancy =     0.91553E-04g/sq.ft.


Polygon   1
At time =      24.00, total mass in vadose zone =     181.19    g/sq.ft.
Mass in gas phase     =       7.4629    g/sq.ft.
Mass in liquid phase  =       52.763    g/sq.ft.
Mass sorbed           =       120.97    g/sq.ft.

Since last printout at time =      23.00
               Change in Total Mass =      2.2665    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -5.0032    g/sq.ft.
                    Diffusion in from atmosphere =     -3.5462    g/sq.ft.
                    Diffusion in from water table =    -2.5033    g/sq.ft.
               Total inflow at boundaries =      2.2665    g/sq.ft.
               Mass discrepancy =     0.13351E-04g/sq.ft.
```

```
Since beginning of run at time = 0.0
               Change in Total Mass =      181.19    g/sq.ft.
                    Advection in from atmosphere =      319.66    g/sq.ft.
                    Advection in from water table =     -47.904    g/sq.ft.
                    Diffusion in from atmosphere =      -59.621    g/sq.ft.
                    Diffusion in from water table =     -30.942    g/sq.ft.
               Total inflow at boundaries =      181.19    g/sq.ft.
               Mass discrepancy =     0.91553E-04g/sq.ft.


Polygon   1
At time =      25.00, total mass in vadose zone =     183.18    g/sq.ft.
Mass in gas phase     =       7.5447    g/sq.ft.
Mass in liquid phase  =       53.342    g/sq.ft.
Mass sorbed           =       122.29    g/sq.ft.

Since last printout at time =      24.00
               Change in Total Mass =      1.9864    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -5.2063    g/sq.ft.
                    Diffusion in from atmosphere =      -3.5671    g/sq.ft.
                    Diffusion in from water table =     -2.5593    g/sq.ft.
               Total inflow at boundaries =      1.9864    g/sq.ft.
               Mass discrepancy =     0.69141E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      183.18    g/sq.ft.
                    Advection in from atmosphere =      332.98    g/sq.ft.
                    Advection in from water table =     -53.111    g/sq.ft.
                    Diffusion in from atmosphere =      -63.188    g/sq.ft.
                    Diffusion in from water table =     -33.501    g/sq.ft.
               Total inflow at boundaries =      183.18    g/sq.ft.
               Mass discrepancy =     0.91553E-04g/sq.ft.


Polygon   1
At time =      26.00, total mass in vadose zone =     184.91    g/sq.ft.
Mass in gas phase     =       7.6161    g/sq.ft.
Mass in liquid phase  =       53.847    g/sq.ft.
Mass sorbed           =       123.45    g/sq.ft.

Since last printout at time =      25.00
               Change in Total Mass =      1.7344    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -5.3907    g/sq.ft.
                    Diffusion in from atmosphere =      -3.5850    g/sq.ft.
                    Diffusion in from water table =     -2.6092    g/sq.ft.
               Total inflow at boundaries =      1.7344    g/sq.ft.
               Mass discrepancy =     0.34332E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      184.91    g/sq.ft.
                    Advection in from atmosphere =      346.30    g/sq.ft.
                    Advection in from water table =     -58.501    g/sq.ft.
                    Diffusion in from atmosphere =      -66.773    g/sq.ft.
                    Diffusion in from water table =     -36.111    g/sq.ft.
               Total inflow at boundaries =      184.91    g/sq.ft.
               Mass discrepancy =     0.12207E-03g/sq.ft.


Polygon   1
At time =      27.00, total mass in vadose zone =     186.42    g/sq.ft.
Mass in gas phase     =       7.6783    g/sq.ft.
Mass in liquid phase  =       54.286    g/sq.ft.
Mass sorbed           =       124.46    g/sq.ft.
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Since last printout at time =      26.00
               Change in Total Mass =      1.5088    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -5.5571    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6001    g/sq.ft.
                    Diffusion in from water table =    -2.6532    g/sq.ft.
               Total inflow at boundaries =      1.5088    g/sq.ft.
               Mass discrepancy =     0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      186.42    g/sq.ft.
                    Advection in from atmosphere =      359.62    g/sq.ft.
                    Advection in from water table =    -64.058    g/sq.ft.
                    Diffusion in from atmosphere =     -70.373    g/sq.ft.
                    Diffusion in from water table =    -38.764    g/sq.ft.
               Total inflow at boundaries =      186.42    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      28.00, total mass in vadose zone =     187.73    g/sq.ft.
Mass in gas phase     =       7.7321    g/sq.ft.
Mass in liquid phase  =       54.667    g/sq.ft.
Mass sorbed           =       125.33    g/sq.ft.

Since last printout at time =      27.00
               Change in Total Mass =      1.3080    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -5.7062    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6130    g/sq.ft.
                    Diffusion in from water table =    -2.6919    g/sq.ft.
               Total inflow at boundaries =      1.3080    g/sq.ft.
               Mass discrepancy =     0.26226E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      187.73    g/sq.ft.
                    Advection in from atmosphere =      372.94    g/sq.ft.
                    Advection in from water table =    -69.765    g/sq.ft.
                    Diffusion in from atmosphere =     -73.986    g/sq.ft.
                    Diffusion in from water table =    -41.456    g/sq.ft.
               Total inflow at boundaries =      187.73    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      29.00, total mass in vadose zone =     188.86    g/sq.ft.
Mass in gas phase     =       7.7787    g/sq.ft.
Mass in liquid phase  =       54.996    g/sq.ft.
Mass sorbed           =       126.09    g/sq.ft.

Since last printout at time =      28.00
               Change in Total Mass =      1.1302    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -5.8392    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6239    g/sq.ft.
                    Diffusion in from water table =    -2.7258    g/sq.ft.
               Total inflow at boundaries =      1.1302    g/sq.ft.
               Mass discrepancy =     0.33379E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      188.86    g/sq.ft.
                    Advection in from atmosphere =      386.26    g/sq.ft.
                    Advection in from water table =    -75.604    g/sq.ft.
                    Diffusion in from atmosphere =     -77.610    g/sq.ft.
                    Diffusion in from water table =    -44.182    g/sq.ft.
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               Total inflow at boundaries =      188.86    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      30.00, total mass in vadose zone =     189.83    g/sq.ft.
Mass in gas phase     =       7.8188    g/sq.ft.
Mass in liquid phase  =       55.280    g/sq.ft.
Mass sorbed           =       126.74    g/sq.ft.

Since last printout at time =      29.00
               Change in Total Mass =     0.97345    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -5.9572    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6331    g/sq.ft.
                    Diffusion in from water table =    -2.7554    g/sq.ft.
               Total inflow at boundaries =     0.97346    g/sq.ft.
               Mass discrepancy =    -0.14305E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      189.83    g/sq.ft.
                    Advection in from atmosphere =      399.58    g/sq.ft.
                    Advection in from water table =    -81.561    g/sq.ft.
                    Diffusion in from atmosphere =     -81.243    g/sq.ft.
                    Diffusion in from water table =    -46.937    g/sq.ft.
               Total inflow at boundaries =      189.83    g/sq.ft.
               Mass discrepancy =     0.91553E-04g/sq.ft.


Polygon   1
At time =      31.00, total mass in vadose zone =     190.67    g/sq.ft.
Mass in gas phase     =       7.8532    g/sq.ft.
Mass in liquid phase  =       55.523    g/sq.ft.
Mass sorbed           =       127.29    g/sq.ft.

Since last printout at time =      30.00
               Change in Total Mass =     0.83597    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.0612    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6409    g/sq.ft.
                    Diffusion in from water table =    -2.7811    g/sq.ft.
               Total inflow at boundaries =     0.83594    g/sq.ft.
               Mass discrepancy =     0.23127E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      190.67    g/sq.ft.
                    Advection in from atmosphere =      412.89    g/sq.ft.
                    Advection in from water table =    -87.622    g/sq.ft.
                    Diffusion in from atmosphere =     -84.884    g/sq.ft.
                    Diffusion in from water table =    -49.718    g/sq.ft.
               Total inflow at boundaries =      190.67    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      32.00, total mass in vadose zone =     191.39    g/sq.ft.
Mass in gas phase     =       7.8827    g/sq.ft.
Mass in liquid phase  =       55.732    g/sq.ft.
Mass sorbed           =       127.77    g/sq.ft.

Since last printout at time =      31.00
               Change in Total Mass =     0.71582    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.1525    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6475    g/sq.ft.
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                    Diffusion in from water table =     -2.8034    g/sq.ft.
               Total inflow at boundaries =     0.71580    g/sq.ft.
               Mass discrepancy =     0.18358E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      191.39    g/sq.ft.
                    Advection in from atmosphere =      426.21    g/sq.ft.
                    Advection in from water table =    -93.775    g/sq.ft.
                    Diffusion in from atmosphere =     -88.531    g/sq.ft.
                    Diffusion in from water table =    -52.521    g/sq.ft.
               Total inflow at boundaries =      191.39    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      33.00, total mass in vadose zone =     192.00    g/sq.ft.
Mass in gas phase     =       7.9079    g/sq.ft.
Mass in liquid phase  =       55.910    g/sq.ft.
Mass sorbed           =       128.18    g/sq.ft.

Since last printout at time =      32.00
               Change in Total Mass =     0.61127    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.2324    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6530    g/sq.ft.
                    Diffusion in from water table =    -2.8226    g/sq.ft.
               Total inflow at boundaries =     0.61126    g/sq.ft.
               Mass discrepancy =     0.54836E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      192.00    g/sq.ft.
                    Advection in from atmosphere =      439.53    g/sq.ft.
                    Advection in from water table =    -100.01    g/sq.ft.
                    Diffusion in from atmosphere =     -92.184    g/sq.ft.
                    Diffusion in from water table =    -55.344    g/sq.ft.
               Total inflow at boundaries =      192.00    g/sq.ft.
               Mass discrepancy =     0.10681E-03g/sq.ft.


Polygon   1
At time =      34.00, total mass in vadose zone =     192.52    g/sq.ft.
Mass in gas phase     =       7.9293    g/sq.ft.
Mass in liquid phase  =       56.061    g/sq.ft.
Mass sorbed           =       128.53    g/sq.ft.

Since last printout at time =      33.00
               Change in Total Mass =     0.52066    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.3018    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6576    g/sq.ft.
                    Diffusion in from water table =    -2.8391    g/sq.ft.
               Total inflow at boundaries =     0.52065    g/sq.ft.
               Mass discrepancy =     0.13351E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      192.52    g/sq.ft.
                    Advection in from atmosphere =      452.85    g/sq.ft.
                    Advection in from water table =    -106.31    g/sq.ft.
                    Diffusion in from atmosphere =     -95.842    g/sq.ft.
                    Diffusion in from water table =    -58.183    g/sq.ft.
               Total inflow at boundaries =      192.52    g/sq.ft.
               Mass discrepancy =     0.12207E-03g/sq.ft.
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Polygon   1
At time =      35.00, total mass in vadose zone =     192.96    g/sq.ft.
Mass in gas phase     =       7.9475    g/sq.ft.
Mass in liquid phase  =       56.190    g/sq.ft.
Mass sorbed           =       128.82    g/sq.ft.

Since last printout at time =      34.00
               Change in Total Mass =     0.44238    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.3621    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6615    g/sq.ft.
                    Diffusion in from water table =    -2.8532    g/sq.ft.
               Total inflow at boundaries =     0.44238    g/sq.ft.
               Mass discrepancy =    -0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      192.96    g/sq.ft.
                    Advection in from atmosphere =      466.17    g/sq.ft.
                    Advection in from water table =    -112.67    g/sq.ft.
                    Diffusion in from atmosphere =     -99.504    g/sq.ft.
                    Diffusion in from water table =    -61.036    g/sq.ft.
               Total inflow at boundaries =      192.96    g/sq.ft.
               Mass discrepancy =     0.12207E-03g/sq.ft.


Polygon   1
At time =      36.00, total mass in vadose zone =     193.34    g/sq.ft.
Mass in gas phase     =       7.9630    g/sq.ft.
Mass in liquid phase  =       56.299    g/sq.ft.
Mass sorbed           =       129.07    g/sq.ft.

Since last printout at time =      35.00
               Change in Total Mass =     0.37506    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.4141    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6648    g/sq.ft.
                    Diffusion in from water table =    -2.8653    g/sq.ft.
               Total inflow at boundaries =     0.37502    g/sq.ft.
               Mass discrepancy =     0.43154E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      193.34    g/sq.ft.
                    Advection in from atmosphere =      479.49    g/sq.ft.
                    Advection in from water table =    -119.09    g/sq.ft.
                    Diffusion in from atmosphere =     -103.17    g/sq.ft.
                    Diffusion in from water table =    -63.902    g/sq.ft.
               Total inflow at boundaries =      193.34    g/sq.ft.
               Mass discrepancy =     0.16785E-03g/sq.ft.


Polygon   1
At time =      37.00, total mass in vadose zone =     193.65    g/sq.ft.
Mass in gas phase     =       7.9760    g/sq.ft.
Mass in liquid phase  =       56.392    g/sq.ft.
Mass sorbed           =       129.29    g/sq.ft.

Since last printout at time =      36.00
               Change in Total Mass =     0.31720    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.4589    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6675    g/sq.ft.
                    Diffusion in from water table =    -2.8756    g/sq.ft.
               Total inflow at boundaries =     0.31722    g/sq.ft.
               Mass discrepancy =    -0.18835E-04g/sq.ft.
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Since beginning of run at time = 0.0
               Change in Total Mass =      193.65    g/sq.ft.
                    Advection in from atmosphere =      492.81    g/sq.ft.
                    Advection in from water table =    -125.54    g/sq.ft.
                    Diffusion in from atmosphere =     -106.84    g/sq.ft.
                    Diffusion in from water table =    -66.777    g/sq.ft.
               Total inflow at boundaries =      193.65    g/sq.ft.
               Mass discrepancy =     0.13733E-03g/sq.ft.


Polygon   1
At time =      38.00, total mass in vadose zone =     193.92    g/sq.ft.
Mass in gas phase     =       7.9871    g/sq.ft.
Mass in liquid phase  =       56.470    g/sq.ft.
Mass sorbed           =       129.46    g/sq.ft.

Since last printout at time =      37.00
               Change in Total Mass =     0.26781    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.4973    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6698    g/sq.ft.
                    Diffusion in from water table =    -2.8844    g/sq.ft.
               Total inflow at boundaries =     0.26778    g/sq.ft.
               Mass discrepancy =     0.31710E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      193.92    g/sq.ft.
                    Advection in from atmosphere =      506.13    g/sq.ft.
                    Advection in from water table =    -132.04    g/sq.ft.
                    Diffusion in from atmosphere =     -110.51    g/sq.ft.
                    Diffusion in from water table =    -69.662    g/sq.ft.
               Total inflow at boundaries =      193.92    g/sq.ft.
               Mass discrepancy =     0.16785E-03g/sq.ft.


Polygon   1
At time =      39.00, total mass in vadose zone =     194.15    g/sq.ft.
Mass in gas phase     =       7.9964    g/sq.ft.
Mass in liquid phase  =       56.535    g/sq.ft.
Mass sorbed           =       129.61    g/sq.ft.

Since last printout at time =      38.00
               Change in Total Mass =     0.22560    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.5301    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6716    g/sq.ft.
                    Diffusion in from water table =    -2.8918    g/sq.ft.
               Total inflow at boundaries =     0.22560    g/sq.ft.
               Mass discrepancy =    -0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.15    g/sq.ft.
                    Advection in from atmosphere =      519.45    g/sq.ft.
                    Advection in from water table =    -138.57    g/sq.ft.
                    Diffusion in from atmosphere =     -114.18    g/sq.ft.
                    Diffusion in from water table =    -72.553    g/sq.ft.
               Total inflow at boundaries =      194.15    g/sq.ft.
               Mass discrepancy =     0.18311E-03g/sq.ft.


Polygon   1
At time =      40.00, total mass in vadose zone =     194.34    g/sq.ft.
Mass in gas phase     =       8.0042    g/sq.ft.
Mass in liquid phase  =       56.591    g/sq.ft.
Mass sorbed           =       129.74    g/sq.ft.
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Since last printout at time =      39.00
               Change in Total Mass =     0.18974    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -6.5582    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6732    g/sq.ft.
                    Diffusion in from water table =     -2.8981    g/sq.ft.
               Total inflow at boundaries =     0.18972    g/sq.ft.
               Mass discrepancy =     0.19312E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.34    g/sq.ft.
                    Advection in from atmosphere =      532.77    g/sq.ft.
                    Advection in from water table =     -145.13    g/sq.ft.
                    Diffusion in from atmosphere =     -117.85    g/sq.ft.
                    Diffusion in from water table =     -75.451    g/sq.ft.
               Total inflow at boundaries =      194.34    g/sq.ft.
               Mass discrepancy =     0.24414E-03g/sq.ft.


Polygon   1
At time =      41.00, total mass in vadose zone =     194.50    g/sq.ft.
Mass in gas phase     =       8.0107    g/sq.ft.
Mass in liquid phase  =       56.637    g/sq.ft.
Mass sorbed           =       129.85    g/sq.ft.

Since last printout at time =      40.00
               Change in Total Mass =     0.15926    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -6.5820    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6745    g/sq.ft.
                    Diffusion in from water table =     -2.9034    g/sq.ft.
               Total inflow at boundaries =     0.15928    g/sq.ft.
               Mass discrepancy =    -0.23127E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.50    g/sq.ft.
                    Advection in from atmosphere =      546.09    g/sq.ft.
                    Advection in from water table =     -151.71    g/sq.ft.
                    Diffusion in from atmosphere =     -121.52    g/sq.ft.
                    Diffusion in from water table =     -78.355    g/sq.ft.
               Total inflow at boundaries =      194.50    g/sq.ft.
               Mass discrepancy =     0.22888E-03g/sq.ft.


Polygon   1
At time =      42.00, total mass in vadose zone =     194.63    g/sq.ft.
Mass in gas phase     =       8.0162    g/sq.ft.
Mass in liquid phase  =       56.676    g/sq.ft.
Mass sorbed           =       129.94    g/sq.ft.

Since last printout at time =      41.00
               Change in Total Mass =     0.13354    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -6.6022    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6756    g/sq.ft.
                    Diffusion in from water table =     -2.9078    g/sq.ft.
               Total inflow at boundaries =     0.13351    g/sq.ft.
               Mass discrepancy =     0.39577E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.63    g/sq.ft.
                    Advection in from atmosphere =      559.41    g/sq.ft.
                    Advection in from water table =     -158.31    g/sq.ft.
                    Diffusion in from atmosphere =     -125.20    g/sq.ft.
                    Diffusion in from water table =     -81.263    g/sq.ft.
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               Total inflow at boundaries =      194.63    g/sq.ft.
               Mass discrepancy =     0.30518E-03g/sq.ft.


Polygon   1
At time =      43.00, total mass in vadose zone =     194.74    g/sq.ft.
Mass in gas phase     =       8.0208    g/sq.ft.
Mass in liquid phase  =       56.708    g/sq.ft.
Mass sorbed           =       130.01    g/sq.ft.

Since last printout at time =      42.00
               Change in Total Mass =     0.11174    g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6193    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6766    g/sq.ft.
                    Diffusion in from water table =    -2.9116    g/sq.ft.
               Total inflow at boundaries =     0.11174    g/sq.ft.
               Mass discrepancy =     0.45300E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.74    g/sq.ft.
                    Advection in from atmosphere =      572.72    g/sq.ft.
                    Advection in from water table =    -164.93    g/sq.ft.
                    Diffusion in from atmosphere =     -128.88    g/sq.ft.
                    Diffusion in from water table =    -84.174    g/sq.ft.
               Total inflow at boundaries =      194.74    g/sq.ft.
               Mass discrepancy =     0.33569E-03g/sq.ft.


Polygon   1
At time =      44.00, total mass in vadose zone =     194.83    g/sq.ft.
Mass in gas phase     =       8.0247    g/sq.ft.
Mass in liquid phase  =       56.736    g/sq.ft.
Mass sorbed           =       130.07    g/sq.ft.

Since last printout at time =      43.00
               Change in Total Mass =     0.93399E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6337    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6773    g/sq.ft.
                    Diffusion in from water table =    -2.9147    g/sq.ft.
               Total inflow at boundaries =     0.93385E-01g/sq.ft.
               Mass discrepancy =     0.14544E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.83    g/sq.ft.
                    Advection in from atmosphere =      586.04    g/sq.ft.
                    Advection in from water table =    -171.57    g/sq.ft.
                    Diffusion in from atmosphere =     -132.55    g/sq.ft.
                    Diffusion in from water table =    -87.089    g/sq.ft.
               Total inflow at boundaries =      194.83    g/sq.ft.
               Mass discrepancy =     0.38147E-03g/sq.ft.


Polygon   1
At time =      45.00, total mass in vadose zone =     194.91    g/sq.ft.
Mass in gas phase     =       8.0279    g/sq.ft.
Mass in liquid phase  =       56.758    g/sq.ft.
Mass sorbed           =       130.13    g/sq.ft.

Since last printout at time =      44.00
               Change in Total Mass =     0.77942E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6459    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6779    g/sq.ft.
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                    Diffusion in from water table =     -2.9174    g/sq.ft.
               Total inflow at boundaries =     0.77945E-01g/sq.ft.
               Mass discrepancy =    -0.35763E-05g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.91    g/sq.ft.
                    Advection in from atmosphere =      599.36    g/sq.ft.
                    Advection in from water table =     -178.21    g/sq.ft.
                    Diffusion in from atmosphere =     -136.23    g/sq.ft.
                    Diffusion in from water table =     -90.006    g/sq.ft.
               Total inflow at boundaries =      194.91    g/sq.ft.
               Mass discrepancy =     0.41199E-03g/sq.ft.


Polygon   1
At time =      46.00, total mass in vadose zone =     194.98    g/sq.ft.
Mass in gas phase     =       8.0306    g/sq.ft.
Mass in liquid phase  =       56.777    g/sq.ft.
Mass sorbed           =       130.17    g/sq.ft.

Since last printout at time =      45.00
               Change in Total Mass =     0.65002E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -6.6562    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6785    g/sq.ft.
                    Diffusion in from water table =     -2.9196    g/sq.ft.
               Total inflow at boundaries =     0.64980E-01g/sq.ft.
               Mass discrepancy =     0.22411E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      194.98    g/sq.ft.
                    Advection in from atmosphere =      612.68    g/sq.ft.
                    Advection in from water table =     -184.87    g/sq.ft.
                    Diffusion in from atmosphere =     -139.91    g/sq.ft.
                    Diffusion in from water table =     -92.926    g/sq.ft.
               Total inflow at boundaries =      194.98    g/sq.ft.
               Mass discrepancy =     0.45776E-03g/sq.ft.


Polygon   1
At time =      47.00, total mass in vadose zone =     195.03    g/sq.ft.
Mass in gas phase     =       8.0328    g/sq.ft.
Mass in liquid phase  =       56.793    g/sq.ft.
Mass sorbed           =       130.21    g/sq.ft.

Since last printout at time =      46.00
               Change in Total Mass =     0.54092E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =     -6.6647    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6789    g/sq.ft.
                    Diffusion in from water table =     -2.9214    g/sq.ft.
               Total inflow at boundaries =     0.54111E-01g/sq.ft.
               Mass discrepancy =    -0.18120E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      195.03    g/sq.ft.
                    Advection in from atmosphere =      626.00    g/sq.ft.
                    Advection in from water table =     -191.53    g/sq.ft.
                    Diffusion in from atmosphere =     -143.59    g/sq.ft.
                    Diffusion in from water table =     -95.847    g/sq.ft.
               Total inflow at boundaries =      195.03    g/sq.ft.
               Mass discrepancy =     0.48828E-03g/sq.ft.
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Polygon   1
At time =      48.00, total mass in vadose zone =     195.08    g/sq.ft.
Mass in gas phase     =       8.0347    g/sq.ft.
Mass in liquid phase  =       56.806    g/sq.ft.
Mass sorbed           =       130.24    g/sq.ft.

Since last printout at time =      47.00
               Change in Total Mass =     0.45029E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6719    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6792    g/sq.ft.
                    Diffusion in from water table =    -2.9230    g/sq.ft.
               Total inflow at boundaries =     0.45013E-01g/sq.ft.
               Mass discrepancy =     0.15497E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      195.08    g/sq.ft.
                    Advection in from atmosphere =      639.32    g/sq.ft.
                    Advection in from water table =    -198.21    g/sq.ft.
                    Diffusion in from atmosphere =     -147.27    g/sq.ft.
                    Diffusion in from water table =    -98.770    g/sq.ft.
               Total inflow at boundaries =      195.08    g/sq.ft.
               Mass discrepancy =     0.51880E-03g/sq.ft.


Polygon   1
At time =      49.00, total mass in vadose zone =     195.11    g/sq.ft.
Mass in gas phase     =       8.0362    g/sq.ft.
Mass in liquid phase  =       56.817    g/sq.ft.
Mass sorbed           =       130.26    g/sq.ft.

Since last printout at time =      48.00
               Change in Total Mass =     0.37460E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6780    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6795    g/sq.ft.
                    Diffusion in from water table =    -2.9243    g/sq.ft.
               Total inflow at boundaries =     0.37409E-01g/sq.ft.
               Mass discrepancy =     0.51260E-04g/sq.ft.

Since beginning of run at time = 0.0
               Change in Total Mass =      195.11    g/sq.ft.
                    Advection in from atmosphere =      652.64    g/sq.ft.
                    Advection in from water table =    -204.88    g/sq.ft.
                    Diffusion in from atmosphere =     -150.95    g/sq.ft.
                    Diffusion in from water table =    -101.69    g/sq.ft.
               Total inflow at boundaries =      195.11    g/sq.ft.
               Mass discrepancy =     0.57983E-03g/sq.ft.


Polygon   1
At time =      50.00, total mass in vadose zone =     195.14    g/sq.ft.
Mass in gas phase     =       8.0375    g/sq.ft.
Mass in liquid phase  =       56.826    g/sq.ft.
Mass sorbed           =       130.28    g/sq.ft.

Since last printout at time =      49.00
               Change in Total Mass =     0.31021E-01g/sq.ft.
                    Advection in from atmosphere =      13.319    g/sq.ft.
                    Advection in from water table =    -6.6830    g/sq.ft.
                    Diffusion in from atmosphere =     -3.6798    g/sq.ft.
                    Diffusion in from water table =    -2.9253    g/sq.ft.
               Total inflow at boundaries =     0.31063E-01g/sq.ft.
               Mass discrepancy =    -0.41485E-04g/sq.ft.
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Since beginning of run at time = 0.0

Change in Total Mass = 195.14 g/sq.ft.
Advection in from atmosphere = 665.96 g/sq.ft.
Advection in from water table = -211.57 g/sq.ft.
Diffusion in from atmosphere = -154.63 g/sq.ft.
Diffusion in from water table = -104.62 g/sq.ft.
Total inflow at boundaries = 195.14 g/sq.ft.
Mass discrepancy = 0.56458E-03g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.32395E-02	4.1790
2.00	0.76112E-01	98.184
3.00	0.17767	229.20
4.00	0.31276	403.46
5.00	0.48551	626.31
6.00	0.69880	901.45
7.00	0.95384	1230.4
8.00	1.2500	1612.5
9.00	1.5848	2044.4
10.00	1.9543	2521.1
11.00	2.3532	3035.6
12.00	2.7752	3580.0
13.00	3.2136	4145.6
14.00	3.6615	4723.4
15.00	4.1123	5304.8
16.00	4.5595	5881.8
17.00	4.9977	6447.0
18.00	5.4218	6994.1
19.00	5.8280	7518.1
20.00	6.2129	8014.7
21.00	6.5745	8481.1
22.00	6.9110	8915.2
23.00	7.2217	9316.0
24.00	7.5065	9683.4
25.00	7.7656	10018.
26.00	7.9998	10320.
27.00	8.2102	10591.
28.00	8.3982	10834.
29.00	8.5651	11049.
30.00	8.7126	11239.
31.00	8.8423	11407.
32.00	8.9559	11553.
33.00	9.0549	11681.
34.00	9.1409	11792.
35.00	9.2153	11888.
36.00	9.2794	11970.
37.00	9.3345	12041.
38.00	9.3817	12102.
39.00	9.4219	12154.
40.00	9.4562	12199.
41.00	9.4854	12236.
42.00	9.5100	12268.
43.00	9.5309	12295.
44.00	9.5485	12318.
45.00	9.5633	12337.
46.00	9.5757	12353.
47.00	9.5862	12366.
48.00	9.5949	12377.
49.00	9.6022	12387.
50.00	9.6083	12395.

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	4.1790	4.1790
2.00	98.184	102.36
3.00	229.20	331.56
4.00	403.46	735.02
5.00	626.31	1361.3
6.00	901.45	2262.8
7.00	1230.4	3493.2
8.00	1612.5	5105.7
9.00	2044.4	7150.1
10.00	2521.1	9671.2
11.00	3035.6	12707.
12.00	3580.0	16287.
13.00	4145.6	20432.
14.00	4723.4	25156.
15.00	5304.8	30461.
16.00	5881.8	36342.
17.00	6447.0	42789.
18.00	6994.1	49783.
19.00	7518.1	57302.
20.00	8014.7	65316.
21.00	8481.1	73797.
22.00	8915.2	82712.
23.00	9316.0	92029.
24.00	9683.4	0.10171E+06
25.00	10018.	0.11173E+06
26.00	10320.	0.12205E+06
27.00	10591.	0.13264E+06
28.00	10834.	0.14347E+06
29.00	11049.	0.15452E+06
30.00	11239.	0.16576E+06
31.00	11407.	0.17717E+06
32.00	11553.	0.18872E+06
33.00	11681.	0.20040E+06
34.00	11792.	0.21219E+06
35.00	11888.	0.22408E+06
36.00	11970.	0.23605E+06
37.00	12041.	0.24809E+06
38.00	12102.	0.26020E+06
39.00	12154.	0.27235E+06
40.00	12199.	0.28455E+06
41.00	12236.	0.29679E+06
42.00	12268.	0.30905E+06
43.00	12295.	0.32135E+06
44.00	12318.	0.33367E+06
45.00	12337.	0.34600E+06
46.00	12353.	0.35836E+06
47.00	12366.	0.37072E+06
48.00	12377.	0.38310E+06
49.00	12387.	0.39549E+06
50.00	12395.	0.40788E+06

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|-------------------------------------------------------------|
 |                VLEACH (Version 2.2a, 1996)                  |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                 (USEPA Contractors)                         |
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 |        P.O. Box 1198                                        |
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 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.84209	3.8103	0.47607E-04
2	0.36640	1.6579	0.20715E-04
3	0.15943	0.72138	0.90131E-05
4	0.69368E-01	0.31388	0.39217E-05
5	0.30183E-01	0.13657	0.17064E-05
6	0.13133E-01	0.59425E-01	0.74247E-06
7	0.57143E-02	0.25856E-01	0.32306E-06
8	0.24863E-02	0.11250E-01	0.14057E-06
9	0.10818E-02	0.48952E-02	0.61162E-07
10	0.47072E-03	0.21299E-02	0.26612E-07

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4370	6.5025	0.81244E-04
2	0.74662	3.3784	0.42210E-04
3	0.37798	1.7103	0.21369E-04
4	0.18784	0.84996	0.10620E-04
5	0.92110E-01	0.41679	0.52074E-05
6	0.44750E-01	0.20249	0.25299E-05
7	0.21613E-01	0.97795E-01	0.12219E-05
8	0.10399E-01	0.47054E-01	0.58791E-06
9	0.49768E-02	0.22520E-01	0.28137E-06
10	0.23376E-02	0.10577E-01	0.13215E-06

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8576	8.4054	0.10502E-03
2	1.1012	4.9829	0.62258E-04

3	0.62495	2.8278	0.35331E-04
4	0.34374	1.5554	0.19433E-04
5	0.18477	0.83606	0.10446E-04
6	0.97661E-01	0.44190	0.55213E-05
7	0.50996E-01	0.23075	0.28831E-05
8	0.26382E-01	0.11938	0.14915E-05
9	0.13503E-01	0.61101E-01	0.76341E-06
10	0.67483E-02	0.30535E-01	0.38152E-06

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.1550	9.7511	0.12183E-03
2	1.4128	6.3925	0.79870E-04
3	0.87746	3.9704	0.49607E-04
4	0.52387	2.3705	0.29617E-04
5	0.30361	1.3738	0.17164E-04
6	0.17202	0.77837	0.97252E-05
7	0.95794E-01	0.43346	0.54157E-05
8	0.52598E-01	0.23800	0.29736E-05
9	0.28450E-01	0.12873	0.16084E-05
10	0.14993E-01	0.67843E-01	0.84765E-06

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.3655	10.704	0.13373E-03
2	1.6762	7.5847	0.94765E-04
3	1.1201	5.0681	0.63323E-04
4	0.71593	3.2395	0.40475E-04
5	0.44219	2.0008	0.24999E-04
6	0.26587	1.2030	0.15031E-04
7	0.15648	0.70807	0.88469E-05
8	0.90459E-01	0.40932	0.51141E-05
9	0.51338E-01	0.23230	0.29024E-05
10	0.28352E-01	0.12829	0.16029E-05

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.5146	11.378	0.14216E-03
2	1.8933	8.5668	0.10704E-03
3	1.3433	6.0784	0.75945E-04
4	0.90965	4.1160	0.51427E-04
5	0.59350	2.6855	0.33554E-04
6	0.37583	1.7006	0.21248E-04
7	0.23224	1.0509	0.13130E-04
8	0.14052	0.63582	0.79442E-05
9	0.83247E-01	0.37668	0.47064E-05
10	0.47946E-01	0.21695	0.27106E-05

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.6203	11.856	0.14814E-03
2	2.0687	9.3606	0.11695E-03
3	1.5424	6.9793	0.87201E-04
4	1.0972	4.9646	0.62029E-04
5	0.75086	3.3976	0.42450E-04
6	0.49772	2.2521	0.28138E-04
7	0.32121	1.4534	0.18160E-04
8	0.20249	0.91624	0.11448E-04
9	0.12472	0.56435	0.70512E-05
10	0.74630E-01	0.33769	0.42192E-05

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.6953	12.196	0.15238E-03
2	2.2085	9.9930	0.12486E-03
3	1.7157	7.7636	0.97000E-04
4	1.2731	5.7605	0.71973E-04
5	0.90844	4.1106	0.51359E-04
6	0.62714	2.8378	0.35456E-04
7	0.42084	1.9043	0.23792E-04
8	0.27536	1.2460	0.15568E-04
9	0.17575	0.79526	0.99362E-05
10	0.10891	0.49280	0.61572E-05

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.7487	12.438	0.15540E-03
2	2.3186	10.491	0.13108E-03
3	1.8638	8.4334	0.10537E-03
4	1.4340	6.4885	0.81069E-04
5	1.0615	4.8033	0.60014E-04
6	0.75991	3.4385	0.42961E-04
7	0.52823	2.3902	0.29864E-04
8	0.35756	1.6179	0.20215E-04
9	0.23581	1.0670	0.13331E-04
10	0.15091	0.68286	0.85318E-05

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.7868	12.610	0.15755E-03
2	2.4047	10.881	0.13595E-03
3	1.9883	8.9969	0.11241E-03
4	1.5781	7.1408	0.89219E-04
5	1.2066	5.4598	0.68216E-04
6	0.89226	4.0374	0.50444E-04
7	0.64037	2.8976	0.36204E-04
8	0.44715	2.0233	0.25280E-04
9	0.30392	1.3752	0.17182E-04
10	0.20040	0.90677	0.11329E-04

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8139	12.733	0.15909E-03
2	2.4715	11.183	0.13973E-03
3	2.0918	9.4650	0.11826E-03
4	1.7051	7.7154	0.96399E-04
5	1.3413	6.0693	0.75831E-04
6	1.0211	4.6204	0.57728E-04
7	0.75439	3.4135	0.42650E-04
8	0.54199	2.4524	0.30641E-04
9	0.37880	1.7140	0.21415E-04
10	0.25678	1.1619	0.14517E-04

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8334	12.821	0.16019E-03
2	2.5231	11.417	0.14265E-03
3	2.1768	9.8499	0.12307E-03
4	1.8154	8.2145	0.10263E-03
5	1.4642	6.6251	0.82776E-04
6	1.1440	5.1764	0.64676E-04

7	0.86771	3.9263	0.49056E-04
8	0.63991	2.8955	0.36178E-04
9	0.45893	2.0766	0.25945E-04
10	0.31922	1.4444	0.18047E-04

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8474	12.884	0.16098E-03
2	2.5629	11.597	0.14489E-03
3	2.2462	10.164	0.12699E-03
4	1.9100	8.6427	0.10798E-03
5	1.5745	7.1245	0.89016E-04
6	1.2592	5.6975	0.71186E-04
7	0.97812	4.4259	0.55298E-04
8	0.73886	3.3432	0.41771E-04
9	0.54270	2.4557	0.30682E-04
10	0.38665	1.7496	0.21859E-04

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8575	12.930	0.16155E-03
2	2.5933	11.735	0.14661E-03
3	2.3023	10.418	0.13016E-03
4	1.9904	9.0063	0.11253E-03
5	1.6724	7.5674	0.94549E-04
6	1.3654	6.1785	0.77195E-04
7	1.0839	4.9044	0.61277E-04
8	0.83695	3.7871	0.47317E-04
9	0.62850	2.8439	0.35533E-04
10	0.45789	2.0719	0.25887E-04

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8649	12.963	0.16197E-03
2	2.6167	11.840	0.14794E-03
3	2.3475	10.622	0.13272E-03
4	2.0580	9.3123	0.11635E-03
5	1.7582	7.9558	0.99401E-04
6	1.4622	6.6164	0.82667E-04
7	1.1836	5.3558	0.66916E-04
8	0.93259	4.2199	0.52724E-04
9	0.71480	3.2344	0.40411E-04
10	0.53170	2.4059	0.30060E-04

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8702	12.987	0.16227E-03
2	2.6346	11.921	0.14895E-03
3	2.3837	10.786	0.13476E-03
4	2.1145	9.5678	0.11954E-03
5	1.8327	8.2929	0.10361E-03
6	1.5493	7.0105	0.87591E-04
7	1.2765	5.7758	0.72164E-04
8	1.0244	4.6354	0.57916E-04
9	0.80018	3.6207	0.45239E-04
10	0.60685	2.7459	0.34308E-04

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8741	13.005	0.16249E-03

2	2.6483	11.983	0.14972E-03
3	2.4126	10.917	0.13639E-03
4	2.1614	9.7799	0.12219E-03
5	1.8968	8.5830	0.10724E-03
6	1.6269	7.3614	0.91976E-04
7	1.3618	6.1620	0.76989E-04
8	1.1115	5.0293	0.62837E-04
9	0.88344	3.9975	0.49946E-04
10	0.68216	3.0867	0.38566E-04

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8771	13.018	0.16265E-03
2	2.6587	12.031	0.15031E-03
3	2.4355	11.021	0.13769E-03
4	2.2000	9.9548	0.12438E-03
5	1.9516	8.8307	0.11033E-03
6	1.6953	7.6710	0.95843E-04
7	1.4394	6.5132	0.81377E-04
8	1.1929	5.3979	0.67443E-04
9	0.96356	4.3600	0.54475E-04
10	0.75656	3.4234	0.42772E-04

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8792	13.028	0.16278E-03
2	2.6668	12.067	0.15077E-03
3	2.4538	11.103	0.13872E-03
4	2.2318	10.098	0.12617E-03
5	1.9980	9.0408	0.11296E-03
6	1.7551	7.9417	0.99226E-04
7	1.5093	6.8295	0.85329E-04
8	1.2684	5.7393	0.71708E-04
9	1.0397	4.7047	0.58782E-04
10	0.82912	3.7517	0.46875E-04

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8809	13.036	0.16287E-03
2	2.6730	12.095	0.15112E-03
3	2.4682	11.168	0.13954E-03
4	2.2577	10.216	0.12764E-03
5	2.0372	9.2179	0.11517E-03
6	1.8071	8.1767	0.10216E-03
7	1.5717	7.1118	0.88857E-04
8	1.3375	6.0522	0.75618E-04
9	1.1114	5.0288	0.62832E-04
10	0.89906	4.0681	0.50828E-04

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8821	13.041	0.16294E-03
2	2.6778	12.117	0.15139E-03
3	2.4797	11.220	0.14019E-03
4	2.2789	10.312	0.12884E-03
5	2.0700	9.3664	0.11703E-03
6	1.8518	8.3793	0.10469E-03
7	1.6270	7.3618	0.91981E-04
8	1.4004	6.3365	0.79170E-04
9	1.1781	5.3306	0.66602E-04
10	0.96572	4.3698	0.54597E-04

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8830	13.045	0.16299E-03
2	2.6815	12.133	0.15160E-03
3	2.4887	11.261	0.14070E-03
4	2.2960	10.389	0.12981E-03
5	2.0974	9.4903	0.11857E-03
6	1.8902	8.5529	0.10686E-03
7	1.6755	7.5816	0.94726E-04
8	1.4570	6.5926	0.82370E-04
9	1.2396	5.6090	0.70080E-04
10	1.0286	4.6545	0.58154E-04

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8838	13.049	0.16303E-03
2	2.6843	12.146	0.15176E-03
3	2.4959	11.294	0.14111E-03
4	2.3100	10.452	0.13059E-03
5	2.1201	9.5933	0.11986E-03
6	1.9229	8.7009	0.10871E-03
7	1.7179	7.7735	0.97124E-04
8	1.5076	6.8216	0.85231E-04
9	1.2959	5.8636	0.73261E-04
10	1.0875	4.9207	0.61480E-04

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8844	13.051	0.16307E-03
2	2.6866	12.157	0.15189E-03
3	2.5016	11.319	0.14143E-03
4	2.3213	10.503	0.13123E-03
5	2.1390	9.6787	0.12093E-03
6	1.9506	8.8263	0.11028E-03
7	1.7547	7.9400	0.99204E-04
8	1.5525	7.0248	0.87770E-04
9	1.3469	6.0946	0.76148E-04
10	1.1420	5.1674	0.64563E-04

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8848	13.053	0.16309E-03
2	2.6884	12.164	0.15199E-03
3	2.5061	11.340	0.14168E-03
4	2.3304	10.545	0.13175E-03
5	2.1545	9.7491	0.12181E-03
6	1.9740	8.9322	0.11160E-03
7	1.7865	8.0837	0.10100E-03
8	1.5921	7.2041	0.90010E-04
9	1.3929	6.3027	0.78748E-04
10	1.1922	5.3944	0.67399E-04

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8852	13.055	0.16311E-03
2	2.6897	12.171	0.15206E-03
3	2.5097	11.356	0.14189E-03
4	2.3377	10.578	0.13216E-03
5	2.1674	9.8071	0.12253E-03
6	1.9937	9.0212	0.11271E-03

7	1.8138	8.2070	0.10254E-03
8	1.6268	7.3612	0.91973E-04
9	1.4341	6.4890	0.81075E-04
10	1.2379	5.6016	0.69987E-04

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8855	13.056	0.16313E-03
2	2.6908	12.176	0.15213E-03
3	2.5126	11.369	0.14205E-03
4	2.3437	10.605	0.13250E-03
5	2.1779	9.8547	0.12313E-03
6	2.0102	9.0957	0.11364E-03
7	1.8371	8.3125	0.10386E-03
8	1.6571	7.4983	0.93685E-04
9	1.4707	6.6546	0.83144E-04
10	1.2795	5.7894	0.72334E-04

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8857	13.057	0.16314E-03
2	2.6917	12.180	0.15218E-03
3	2.5148	11.379	0.14218E-03
4	2.3485	10.626	0.13277E-03
5	2.1865	9.8938	0.12362E-03
6	2.0239	9.1580	0.11442E-03
7	1.8569	8.4022	0.10498E-03
8	1.6834	7.6171	0.95170E-04
9	1.5030	6.8010	0.84973E-04
10	1.3168	5.9586	0.74448E-04

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8859	13.058	0.16315E-03
2	2.6924	12.183	0.15222E-03
3	2.5166	11.388	0.14228E-03
4	2.3523	10.644	0.13299E-03
5	2.1936	9.9257	0.12401E-03
6	2.0354	9.2098	0.11507E-03
7	1.8737	8.4782	0.10593E-03
8	1.7060	7.7197	0.96452E-04
9	1.5315	6.9297	0.86581E-04
10	1.3503	6.1101	0.76341E-04

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8860	13.059	0.16316E-03
2	2.6930	12.185	0.15225E-03
3	2.5181	11.394	0.14236E-03
4	2.3554	10.658	0.13317E-03
5	2.1994	9.9519	0.12434E-03
6	2.0449	9.2528	0.11561E-03
7	1.8879	8.5425	0.10673E-03
8	1.7255	7.8079	0.97553E-04
9	1.5563	7.0423	0.87988E-04
10	1.3801	6.2449	0.78026E-04

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8862	13.060	0.16317E-03

2	2.6934	12.187	0.15227E-03
3	2.5193	11.399	0.14243E-03
4	2.3580	10.670	0.13331E-03
5	2.2041	9.9732	0.12461E-03
6	2.0528	9.2885	0.11605E-03
7	1.8998	8.5965	0.10741E-03
8	1.7422	7.8833	0.98496E-04
9	1.5780	7.1403	0.89213E-04
10	1.4065	6.3643	0.79518E-04

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8863	13.060	0.16317E-03
2	2.6938	12.189	0.15229E-03
3	2.5202	11.404	0.14248E-03
4	2.3600	10.679	0.13342E-03
5	2.2079	9.9907	0.12483E-03
6	2.0593	9.3179	0.11642E-03
7	1.9099	8.6419	0.10797E-03
8	1.7564	7.9477	0.99301E-04
9	1.5968	7.2253	0.90275E-04
10	1.4298	6.4696	0.80833E-04

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8863	13.060	0.16318E-03
2	2.6941	12.191	0.15231E-03
3	2.5210	11.407	0.14252E-03
4	2.3617	10.686	0.13352E-03
5	2.2111	10.005	0.12500E-03
6	2.0646	9.3423	0.11672E-03
7	1.9183	8.6799	0.10845E-03
8	1.7685	8.0024	0.99984E-04
9	1.6130	7.2986	0.91191E-04
10	1.4502	6.5619	0.81986E-04

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8864	13.061	0.16318E-03
2	2.6944	12.192	0.15233E-03
3	2.5216	11.410	0.14256E-03
4	2.3630	10.692	0.13359E-03
5	2.2136	10.016	0.12515E-03
6	2.0691	9.3623	0.11698E-03
7	1.9253	8.7116	0.10885E-03
8	1.7788	8.0487	0.10056E-03
9	1.6269	7.3617	0.91979E-04
10	1.4680	6.6425	0.82993E-04

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8865	13.061	0.16319E-03
2	2.6946	12.193	0.15234E-03
3	2.5221	11.412	0.14259E-03
4	2.3641	10.697	0.13365E-03
5	2.2157	10.026	0.12527E-03
6	2.0727	9.3789	0.11718E-03
7	1.9311	8.7380	0.10918E-03
8	1.7874	8.0879	0.10105E-03
9	1.6389	7.4158	0.92655E-04
10	1.4835	6.7125	0.83868E-04

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8865	13.061	0.16319E-03
2	2.6947	12.193	0.15235E-03
3	2.5225	11.414	0.14261E-03
4	2.3650	10.701	0.13370E-03
5	2.2174	10.034	0.12536E-03
6	2.0757	9.3924	0.11735E-03
7	1.9360	8.7600	0.10945E-03
8	1.7947	8.1209	0.10146E-03
9	1.6491	7.4619	0.93231E-04
10	1.4969	6.7732	0.84627E-04

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8866	13.061	0.16319E-03
2	2.6949	12.194	0.15235E-03
3	2.5229	11.416	0.14263E-03
4	2.3657	10.704	0.13374E-03
5	2.2188	10.040	0.12544E-03
6	2.0782	9.4036	0.11749E-03
7	1.9400	8.7783	0.10968E-03
8	1.8008	8.1486	0.10181E-03
9	1.6578	7.5012	0.93722E-04
10	1.5085	6.8256	0.85281E-04

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8866	13.062	0.16319E-03
2	2.6950	12.194	0.15236E-03
3	2.5231	11.417	0.14265E-03
4	2.3663	10.707	0.13378E-03
5	2.2200	10.045	0.12551E-03
6	2.0802	9.4128	0.11761E-03
7	1.9433	8.7934	0.10987E-03
8	1.8060	8.1718	0.10210E-03
9	1.6651	7.5346	0.94139E-04
10	1.5184	6.8707	0.85845E-04

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8866	13.062	0.16320E-03
2	2.6951	12.195	0.15237E-03
3	2.5234	11.418	0.14266E-03
4	2.3667	10.709	0.13380E-03
5	2.2209	10.049	0.12556E-03
6	2.0819	9.4203	0.11770E-03
7	1.9461	8.8059	0.11002E-03
8	1.8103	8.1912	0.10234E-03
9	1.6714	7.5628	0.94492E-04
10	1.5270	6.9094	0.86327E-04

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8866	13.062	0.16320E-03
2	2.6951	12.195	0.15237E-03
3	2.5235	11.419	0.14267E-03
4	2.3671	10.711	0.13383E-03
5	2.2216	10.053	0.12560E-03
6	2.0832	9.4264	0.11778E-03

7	1.9484	8.8163	0.11015E-03
8	1.8138	8.2074	0.10255E-03
9	1.6767	7.5867	0.94790E-04
10	1.5343	6.9424	0.86740E-04

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6952	12.195	0.15237E-03
3	2.5237	11.419	0.14268E-03
4	2.3674	10.712	0.13384E-03
5	2.2223	10.055	0.12564E-03
6	2.0844	9.4315	0.11784E-03
7	1.9503	8.8248	0.11026E-03
8	1.8168	8.2209	0.10271E-03
9	1.6811	7.6068	0.95041E-04
10	1.5405	6.9705	0.87092E-04

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6952	12.196	0.15238E-03
3	2.5238	11.420	0.14268E-03
4	2.3677	10.714	0.13386E-03
5	2.2228	10.058	0.12566E-03
6	2.0853	9.4357	0.11789E-03
7	1.9518	8.8319	0.11035E-03
8	1.8193	8.2322	0.10286E-03
9	1.6848	7.6236	0.95252E-04
10	1.5458	6.9945	0.87391E-04

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6953	12.196	0.15238E-03
3	2.5239	11.420	0.14269E-03
4	2.3679	10.715	0.13387E-03
5	2.2232	10.060	0.12569E-03
6	2.0860	9.4391	0.11793E-03
7	1.9531	8.8377	0.11042E-03
8	1.8214	8.2415	0.10297E-03
9	1.6880	7.6378	0.95429E-04
10	1.5503	7.0148	0.87644E-04

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6953	12.196	0.15238E-03
3	2.5240	11.421	0.14270E-03
4	2.3681	10.715	0.13388E-03
5	2.2235	10.061	0.12571E-03
6	2.0867	9.4419	0.11797E-03
7	1.9542	8.8425	0.11048E-03
8	1.8231	8.2493	0.10307E-03
9	1.6906	7.6497	0.95577E-04
10	1.5541	7.0319	0.87859E-04

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.196	0.15238E-03
3	2.5241	11.421	0.14270E-03
4	2.3682	10.716	0.13389E-03
5	2.2238	10.062	0.12572E-03
6	2.0872	9.4441	0.11800E-03
7	1.9551	8.8464	0.11053E-03
8	1.8245	8.2557	0.10315E-03
9	1.6928	7.6596	0.95701E-04
10	1.5573	7.0464	0.88040E-04

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.196	0.15238E-03
3	2.5241	11.421	0.14270E-03
4	2.3684	10.717	0.13390E-03
5	2.2240	10.063	0.12574E-03
6	2.0876	9.4460	0.11802E-03
7	1.9558	8.8497	0.11057E-03
8	1.8257	8.2610	0.10322E-03
9	1.6946	7.6679	0.95804E-04
10	1.5600	7.0586	0.88192E-04

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.196	0.15238E-03
3	2.5242	11.422	0.14271E-03
4	2.3685	10.717	0.13390E-03
5	2.2242	10.064	0.12575E-03
6	2.0879	9.4476	0.11804E-03
7	1.9564	8.8523	0.11060E-03
8	1.8267	8.2654	0.10327E-03
9	1.6961	7.6748	0.95890E-04
10	1.5622	7.0689	0.88321E-04

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.196	0.15239E-03
3	2.5242	11.422	0.14271E-03
4	2.3685	10.717	0.13391E-03
5	2.2244	10.065	0.12576E-03
6	2.0882	9.4488	0.11806E-03
7	1.9568	8.8545	0.11063E-03
8	1.8275	8.2691	0.10332E-03
9	1.6974	7.6805	0.95962E-04
10	1.5641	7.0775	0.88428E-04

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.197	0.15239E-03
3	2.5243	11.422	0.14271E-03
4	2.3686	10.718	0.13391E-03
5	2.2245	10.066	0.12576E-03
6	2.0884	9.4499	0.11807E-03

7	1.9572	8.8563	0.11065E-03
8	1.8281	8.2721	0.10335E-03
9	1.6984	7.6853	0.96022E-04
10	1.5657	7.0847	0.88518E-04

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8867	13.062	0.16320E-03
2	2.6954	12.197	0.15239E-03
3	2.5243	11.422	0.14271E-03
4	2.3687	10.718	0.13391E-03
5	2.2246	10.066	0.12577E-03
6	2.0886	9.4507	0.11808E-03
7	1.9576	8.8578	0.11067E-03
8	1.8287	8.2746	0.10338E-03
9	1.6993	7.6892	0.96071E-04
10	1.5671	7.0908	0.88594E-04

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                 (USEPA Contractors)                         |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 58.000 ml/g, 0.20482E-02cu.ft./g
Kh = 0.22100 (dimensionless).
Aqueous solubility = 1790.0 mg/l, 50.687 g/cu.ft
Free air diffusion coefficient = .80400 sq. m/day, 3158.9 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2500
Organic carbon content = 0.00610000
Recharge Rate = 0.88580000 ft/yr
Conc. in recharge water = 531.00 mg/l, 15.036 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

2. Modelamiento Etilbenceno Bajo – Medio – Alto

2.1 Etilbenceno Bajo

```
Benceno Barranquilla
1
     1      50      1      1
    220    0.321     169    0.657
Polygon1
   1290     2.3   0.01658    1.62    0.41    0.15    0.0061
    422      0       0
  10Y      50
  10   10      0
```

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                 (USEPA Contractors)                         |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

```
Benceno Barranquilla

Polygon   1
At time =      0.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase    =      0.0000    g/sq.ft.
Mass in liquid phase  =      0.0000    g/sq.ft.
Mass sorbed          =      0.0000    g/sq.ft.

Polygon   1
At time =      1.00, total mass in vadose zone =    0.19813    g/sq.ft.
Mass in gas phase    =     0.68684E-02g/sq.ft.
Mass in liquid phase  =     0.12344E-01g/sq.ft.
Mass sorbed          =     0.17891    g/sq.ft.


Since last printout at time =      0.00
          Change in Total Mass =     0.19813    g/sq.ft.
```

Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.10027E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.19813 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.19813 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.10027E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.19813 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 0.38964 g/sq.ft.
Mass in gas phase = 0.13508E-01g/sq.ft.
Mass in liquid phase = 0.24277E-01g/sq.ft.
Mass sorbed = 0.35186 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 0.19152 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.22229E-16g/sq.ft.
Diffusion in from atmosphere = -0.60635E-02g/sq.ft.
Diffusion in from water table = -0.54787E-03g/sq.ft.
Total inflow at boundaries = 0.19152 g/sq.ft.
Mass discrepancy = 0.14901E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.38964 g/sq.ft.
Advection in from atmosphere = 0.39625 g/sq.ft.
Advection in from water table = -0.32256E-16g/sq.ft.
Diffusion in from atmosphere = -0.60635E-02g/sq.ft.
Diffusion in from water table = -0.54787E-03g/sq.ft.
Total inflow at boundaries = 0.38964 g/sq.ft.
Mass discrepancy = 0.29802E-07g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 0.57477 g/sq.ft.
Mass in gas phase = 0.19925E-01g/sq.ft.
Mass in liquid phase = 0.35811E-01g/sq.ft.
Mass sorbed = 0.51903 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 0.18513 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.13415E-07g/sq.ft.
Diffusion in from atmosphere = -0.11920E-01g/sq.ft.
Diffusion in from water table = -0.10812E-02g/sq.ft.
Total inflow at boundaries = 0.18513 g/sq.ft.
Mass discrepancy = 0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.57477 g/sq.ft.
Advection in from atmosphere = 0.59438 g/sq.ft.
Advection in from water table = -0.13415E-07g/sq.ft.
Diffusion in from atmosphere = -0.17984E-01g/sq.ft.
Diffusion in from water table = -0.16291E-02g/sq.ft.
Total inflow at boundaries = 0.57477 g/sq.ft.
Mass discrepancy = 0.59605E-07g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 0.75372 g/sq.ft.
Mass in gas phase = 0.26129E-01g/sq.ft.
Mass in liquid phase = 0.46961E-01g/sq.ft.
Mass sorbed = 0.68063 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 0.17895 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.39465E-07g/sq.ft.
Diffusion in from atmosphere = -0.17577E-01g/sq.ft.
Diffusion in from water table = -0.16004E-02g/sq.ft.
Total inflow at boundaries = 0.17895 g/sq.ft.
Mass discrepancy = -0.74506E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.75372 g/sq.ft.
Advection in from atmosphere = 0.79251 g/sq.ft.
Advection in from water table = -0.52880E-07g/sq.ft.
Diffusion in from atmosphere = -0.35560E-01g/sq.ft.

Diffusion in from water table = -0.32295E-02g/sq.ft.
Total inflow at boundaries = 0.75372 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 0.92670 g/sq.ft.
Mass in gas phase = 0.32126E-01g/sq.ft.
Mass in liquid phase = 0.57738E-01g/sq.ft.
Mass sorbed = 0.83684 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 0.17298 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.77400E-07g/sq.ft.
Diffusion in from atmosphere = -0.23040E-01g/sq.ft.
Diffusion in from water table = -0.21058E-02g/sq.ft.
Total inflow at boundaries = 0.17298 g/sq.ft.
Mass discrepancy = 0.16391E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.92670 g/sq.ft.
Advection in from atmosphere = 0.99064 g/sq.ft.
Advection in from water table = -0.13028E-06g/sq.ft.
Diffusion in from atmosphere = -0.58600E-01g/sq.ft.
Diffusion in from water table = -0.53352E-02g/sq.ft.
Total inflow at boundaries = 0.92670 g/sq.ft.
Mass discrepancy = 0.17881E-06g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 1.0939 g/sq.ft.
Mass in gas phase = 0.37922E-01g/sq.ft.
Mass in liquid phase = 0.68157E-01g/sq.ft.
Mass sorbed = 0.98783 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 0.16721 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.12651E-06g/sq.ft.
Diffusion in from atmosphere = -0.28317E-01g/sq.ft.
Diffusion in from water table = -0.25977E-02g/sq.ft.
Total inflow at boundaries = 0.16721 g/sq.ft.
Mass discrepancy = -0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.0939 g/sq.ft.
Advection in from atmosphere = 1.1888 g/sq.ft.
Advection in from water table = -0.25679E-06g/sq.ft.
Diffusion in from atmosphere = -0.86917E-01g/sq.ft.
Diffusion in from water table = -0.79329E-02g/sq.ft.
Total inflow at boundaries = 1.0939 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 1.2556 g/sq.ft.
Mass in gas phase = 0.43526E-01g/sq.ft.
Mass in liquid phase = 0.78227E-01g/sq.ft.
Mass sorbed = 1.1338 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 0.16164 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.18610E-06g/sq.ft.
Diffusion in from atmosphere = -0.33414E-01g/sq.ft.
Diffusion in from water table = -0.30765E-02g/sq.ft.
Total inflow at boundaries = 0.16164 g/sq.ft.
Mass discrepancy = -0.59605E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.2556 g/sq.ft.
Advection in from atmosphere = 1.3869 g/sq.ft.
Advection in from water table = -0.44289E-06g/sq.ft.
Diffusion in from atmosphere = -0.12033 g/sq.ft.
Diffusion in from water table = -0.11009E-01g/sq.ft.
Total inflow at boundaries = 1.2556 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 1.4118 g/sq.ft.
Mass in gas phase = 0.48942E-01g/sq.ft.
Mass in liquid phase = 0.87963E-01g/sq.ft.
Mass sorbed = 1.2749 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 0.15625 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.25553E-06g/sq.ft.
Diffusion in from atmosphere = -0.38336E-01g/sq.ft.

Diffusion in from water table = -0.35425E-02g/sq.ft.
Total inflow at boundaries = 0.15625 g/sq.ft.
Mass discrepancy = 0.13411E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.4118 g/sq.ft.
Advection in from atmosphere = 1.5850 g/sq.ft.
Advection in from water table = -0.69841E-06g/sq.ft.
Diffusion in from atmosphere = -0.15867 g/sq.ft.
Diffusion in from water table = -0.14552E-01g/sq.ft.
Total inflow at boundaries = 1.4118 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 1.5628 g/sq.ft.
Mass in gas phase = 0.54178E-01g/sq.ft.
Mass in liquid phase = 0.97373E-01g/sq.ft.
Mass sorbed = 1.4113 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 0.15104 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.33416E-06g/sq.ft.
Diffusion in from atmosphere = -0.43091E-01g/sq.ft.
Diffusion in from water table = -0.39961E-02g/sq.ft.
Total inflow at boundaries = 0.15104 g/sq.ft.
Mass discrepancy = -0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.5628 g/sq.ft.
Advection in from atmosphere = 1.7831 g/sq.ft.
Advection in from water table = -0.10326E-05g/sq.ft.
Diffusion in from atmosphere = -0.20176 g/sq.ft.
Diffusion in from water table = -0.18548E-01g/sq.ft.
Total inflow at boundaries = 1.5628 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 1.7088 g/sq.ft.
Mass in gas phase = 0.59240E-01g/sq.ft.
Mass in liquid phase = 0.10647 g/sq.ft.
Mass sorbed = 1.5431 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 0.14601 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.42140E-06g/sq.ft.
Diffusion in from atmosphere = -0.47684E-01g/sq.ft.
Diffusion in from water table = -0.44376E-02g/sq.ft.
Total inflow at boundaries = 0.14601 g/sq.ft.
Mass discrepancy = 0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.7088 g/sq.ft.
Advection in from atmosphere = 1.9813 g/sq.ft.
Advection in from water table = -0.14540E-05g/sq.ft.
Diffusion in from atmosphere = -0.24944 g/sq.ft.
Diffusion in from water table = -0.22986E-01g/sq.ft.
Total inflow at boundaries = 1.7088 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 1.8500 g/sq.ft.
Mass in gas phase = 0.64133E-01g/sq.ft.
Mass in liquid phase = 0.11526 g/sq.ft.
Mass sorbed = 1.6706 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 0.14114 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.51669E-06g/sq.ft.
Diffusion in from atmosphere = -0.52120E-01g/sq.ft.
Diffusion in from water table = -0.48673E-02g/sq.ft.
Total inflow at boundaries = 0.14114 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.8500 g/sq.ft.
Advection in from atmosphere = 2.1794 g/sq.ft.
Advection in from water table = -0.19707E-05g/sq.ft.
Diffusion in from atmosphere = -0.30156 g/sq.ft.
Diffusion in from water table = -0.27853E-01g/sq.ft.
Total inflow at boundaries = 1.8500 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 1.9864 g/sq.ft.
Mass in gas phase = 0.68863E-01g/sq.ft.
Mass in liquid phase = 0.12376 g/sq.ft.
Mass sorbed = 1.7938 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 0.13644 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.61946E-06g/sq.ft.
Diffusion in from atmosphere = -0.56404E-01g/sq.ft.
Diffusion in from water table = -0.52854E-02g/sq.ft.
Total inflow at boundaries = 0.13644 g/sq.ft.
Mass discrepancy = -0.16391E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.9864 g/sq.ft.
Advection in from atmosphere = 2.3775 g/sq.ft.
Advection in from water table = -0.25901E-05g/sq.ft.
Diffusion in from atmosphere = -0.35797 g/sq.ft.
Diffusion in from water table = -0.33138E-01g/sq.ft.
Total inflow at boundaries = 1.9864 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 2.1183 g/sq.ft.
Mass in gas phase = 0.73435E-01g/sq.ft.
Mass in liquid phase = 0.13198 g/sq.ft.
Mass sorbed = 1.9129 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 0.13189 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.72922E-06g/sq.ft.
Diffusion in from atmosphere = -0.60542E-01g/sq.ft.
Diffusion in from water table = -0.56924E-02g/sq.ft.
Total inflow at boundaries = 0.13189 g/sq.ft.
Mass discrepancy = 0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.1183 g/sq.ft.
Advection in from atmosphere = 2.5757 g/sq.ft.
Advection in from water table = -0.33193E-05g/sq.ft.
Diffusion in from atmosphere = -0.41851 g/sq.ft.

Diffusion in from water table = -0.38831E-01g/sq.ft.
Total inflow at boundaries = 2.1183 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 2.2458 g/sq.ft.
Mass in gas phase = 0.77855E-01g/sq.ft.
Mass in liquid phase = 0.13993 g/sq.ft.
Mass sorbed = 2.0280 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 0.12750 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.84545E-06g/sq.ft.
Diffusion in from atmosphere = -0.64540E-01g/sq.ft.
Diffusion in from water table = -0.60884E-02g/sq.ft.
Total inflow at boundaries = 0.12750 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.2458 g/sq.ft.
Advection in from atmosphere = 2.7738 g/sq.ft.
Advection in from water table = -0.41648E-05g/sq.ft.
Diffusion in from atmosphere = -0.48305 g/sq.ft.
Diffusion in from water table = -0.44919E-01g/sq.ft.
Total inflow at boundaries = 2.2458 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 2.3691 g/sq.ft.
Mass in gas phase = 0.82128E-01g/sq.ft.
Mass in liquid phase = 0.14761 g/sq.ft.
Mass sorbed = 2.1393 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 0.12325 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.96768E-06g/sq.ft.
Diffusion in from atmosphere = -0.68401E-01g/sq.ft.
Diffusion in from water table = -0.64737E-02g/sq.ft.
Total inflow at boundaries = 0.12325 g/sq.ft.
Mass discrepancy = 0.35763E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.3691 g/sq.ft.
Advection in from atmosphere = 2.9719 g/sq.ft.
Advection in from water table = -0.51325E-05g/sq.ft.
Diffusion in from atmosphere = -0.55145 g/sq.ft.
Diffusion in from water table = -0.51393E-01g/sq.ft.
Total inflow at boundaries = 2.3691 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 2.4882 g/sq.ft.
Mass in gas phase = 0.86258E-01g/sq.ft.
Mass in liquid phase = 0.15503 g/sq.ft.
Mass sorbed = 2.2469 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 0.11915 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.10955E-05g/sq.ft.
Diffusion in from atmosphere = -0.72130E-01g/sq.ft.
Diffusion in from water table = -0.68488E-02g/sq.ft.
Total inflow at boundaries = 0.11915 g/sq.ft.
Mass discrepancy = 0.28312E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.4882 g/sq.ft.
Advection in from atmosphere = 3.1700 g/sq.ft.
Advection in from water table = -0.62279E-05g/sq.ft.
Diffusion in from atmosphere = -0.62358 g/sq.ft.
Diffusion in from water table = -0.58242E-01g/sq.ft.
Total inflow at boundaries = 2.4882 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 2.6034 g/sq.ft.
Mass in gas phase = 0.90251E-01g/sq.ft.
Mass in liquid phase = 0.16221 g/sq.ft.
Mass sorbed = 2.3509 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 0.11518 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.12284E-05g/sq.ft.
Diffusion in from atmosphere = -0.75732E-01g/sq.ft.

Diffusion in from water table = -0.72137E-02g/sq.ft.
Total inflow at boundaries = 0.11518 g/sq.ft.
Mass discrepancy = -0.66310E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.6034 g/sq.ft.
Advection in from atmosphere = 3.3682 g/sq.ft.
Advection in from water table = -0.74563E-05g/sq.ft.
Diffusion in from atmosphere = -0.69931 g/sq.ft.
Diffusion in from water table = -0.65455E-01g/sq.ft.
Total inflow at boundaries = 2.6034 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 2.7147 g/sq.ft.
Mass in gas phase = 0.94111E-01g/sq.ft.
Mass in liquid phase = 0.16914 g/sq.ft.
Mass sorbed = 2.4515 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 0.11135 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.13660E-05g/sq.ft.
Diffusion in from atmosphere = -0.79211E-01g/sq.ft.
Diffusion in from water table = -0.75688E-02g/sq.ft.
Total inflow at boundaries = 0.11135 g/sq.ft.
Mass discrepancy = -0.22352E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7147 g/sq.ft.
Advection in from atmosphere = 3.5663 g/sq.ft.
Advection in from water table = -0.88223E-05g/sq.ft.
Diffusion in from atmosphere = -0.77852 g/sq.ft.
Diffusion in from water table = -0.73024E-01g/sq.ft.
Total inflow at boundaries = 2.7147 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 2.8224 g/sq.ft.
Mass in gas phase = 0.97842E-01g/sq.ft.
Mass in liquid phase = 0.17585 g/sq.ft.
Mass sorbed = 2.5487 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 0.10764 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.15079E-05g/sq.ft.
Diffusion in from atmosphere = -0.82571E-01g/sq.ft.
Diffusion in from water table = -0.79143E-02g/sq.ft.
Total inflow at boundaries = 0.10764 g/sq.ft.
Mass discrepancy = 0.67055E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.8224 g/sq.ft.
Advection in from atmosphere = 3.7644 g/sq.ft.
Advection in from water table = -0.10330E-04g/sq.ft.
Diffusion in from atmosphere = -0.86109 g/sq.ft.
Diffusion in from water table = -0.80938E-01g/sq.ft.
Total inflow at boundaries = 2.8224 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 2.9264 g/sq.ft.
Mass in gas phase = 0.10145 g/sq.ft.
Mass in liquid phase = 0.18233 g/sq.ft.
Mass sorbed = 2.6427 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 0.10406 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.16538E-05g/sq.ft.
Diffusion in from atmosphere = -0.85817E-01g/sq.ft.
Diffusion in from water table = -0.82504E-02g/sq.ft.
Total inflow at boundaries = 0.10406 g/sq.ft.
Mass discrepancy = -0.19372E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.9264 g/sq.ft.
Advection in from atmosphere = 3.9625 g/sq.ft.
Advection in from water table = -0.11984E-04g/sq.ft.
Diffusion in from atmosphere = -0.94691 g/sq.ft.
Diffusion in from water table = -0.89189E-01g/sq.ft.
Total inflow at boundaries = 2.9264 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 3.0270 g/sq.ft.
Mass in gas phase = 0.10494 g/sq.ft.
Mass in liquid phase = 0.18860 g/sq.ft.
Mass sorbed = 2.7335 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 0.10060 g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.18033E-05g/sq.ft.
Diffusion in from atmosphere = -0.88953E-01g/sq.ft.
Diffusion in from water table = -0.85775E-02g/sq.ft.
Total inflow at boundaries = 0.10060 g/sq.ft.
Mass discrepancy = 0.67055E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.0270 g/sq.ft.
Advection in from atmosphere = 4.1607 g/sq.ft.
Advection in from water table = -0.13787E-04g/sq.ft.
Diffusion in from atmosphere = -1.0359 g/sq.ft.
Diffusion in from water table = -0.97766E-01g/sq.ft.
Total inflow at boundaries = 3.0270 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 3.1243 g/sq.ft.
Mass in gas phase = 0.10831 g/sq.ft.
Mass in liquid phase = 0.19466 g/sq.ft.
Mass sorbed = 2.8213 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 0.97248E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.19560E-05g/sq.ft.
Diffusion in from atmosphere = -0.91981E-01g/sq.ft.
Diffusion in from water table = -0.88958E-02g/sq.ft.
Total inflow at boundaries = 0.97248E-01g/sq.ft.
Mass discrepancy = -0.22352E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.1243 g/sq.ft.
Advection in from atmosphere = 4.3588 g/sq.ft.
Advection in from water table = -0.15743E-04g/sq.ft.
Diffusion in from atmosphere = -1.1278 g/sq.ft.

Diffusion in from water table = -0.10666 g/sq.ft.
Total inflow at boundaries = 3.1243 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 3.2183 g/sq.ft.
Mass in gas phase = 0.11157 g/sq.ft.
Mass in liquid phase = 0.20052 g/sq.ft.
Mass sorbed = 2.9062 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 0.94013E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.21117E-05g/sq.ft.
Diffusion in from atmosphere = -0.94907E-01g/sq.ft.
Diffusion in from water table = -0.92054E-02g/sq.ft.
Total inflow at boundaries = 0.94013E-01g/sq.ft.
Mass discrepancy = -0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.2183 g/sq.ft.
Advection in from atmosphere = 4.5569 g/sq.ft.
Advection in from water table = -0.17855E-04g/sq.ft.
Diffusion in from atmosphere = -1.2227 g/sq.ft.
Diffusion in from water table = -0.11587 g/sq.ft.
Total inflow at boundaries = 3.2183 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 24.00, total mass in vadose zone = 3.3092 g/sq.ft.
Mass in gas phase = 0.11472 g/sq.ft.
Mass in liquid phase = 0.20618 g/sq.ft.
Mass sorbed = 2.9883 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 0.90887E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.22700E-05g/sq.ft.
Diffusion in from atmosphere = -0.97732E-01g/sq.ft.
Diffusion in from water table = -0.95066E-02g/sq.ft.
Total inflow at boundaries = 0.90886E-01g/sq.ft.
Mass discrepancy = 0.30547E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.3092 g/sq.ft.
Advection in from atmosphere = 4.7551 g/sq.ft.
Advection in from water table = -0.20125E-04g/sq.ft.
Diffusion in from atmosphere = -1.3205 g/sq.ft.
Diffusion in from water table = -0.12537 g/sq.ft.
Total inflow at boundaries = 3.3092 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 25.00, total mass in vadose zone = 3.3970 g/sq.ft.
Mass in gas phase = 0.11776 g/sq.ft.
Mass in liquid phase = 0.21165 g/sq.ft.
Mass sorbed = 3.0676 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 0.87864E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.24306E-05g/sq.ft.
Diffusion in from atmosphere = -0.10046 g/sq.ft.
Diffusion in from water table = -0.97997E-02g/sq.ft.
Total inflow at boundaries = 0.87864E-01g/sq.ft.
Mass discrepancy = 0.38743E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.3970 g/sq.ft.
Advection in from atmosphere = 4.9532 g/sq.ft.
Advection in from water table = -0.22556E-04g/sq.ft.
Diffusion in from atmosphere = -1.4209 g/sq.ft.
Diffusion in from water table = -0.13517 g/sq.ft.
Total inflow at boundaries = 3.3970 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 26.00, total mass in vadose zone = 3.4820 g/sq.ft.
Mass in gas phase = 0.12071 g/sq.ft.
Mass in liquid phase = 0.21695 g/sq.ft.
Mass sorbed = 3.1443 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 0.84942E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.25933E-05g/sq.ft.
Diffusion in from atmosphere = -0.10310 g/sq.ft.

Diffusion in from water table = -0.10085E-01g/sq.ft.
Total inflow at boundaries = 0.84942E-01g/sq.ft.
Mass discrepancy = -0.10431E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.4820 g/sq.ft.
Advection in from atmosphere = 5.1513 g/sq.ft.
Advection in from water table = -0.25149E-04g/sq.ft.
Diffusion in from atmosphere = -1.5240 g/sq.ft.
Diffusion in from water table = -0.14526 g/sq.ft.
Total inflow at boundaries = 3.4820 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 27.00, total mass in vadose zone = 3.5641 g/sq.ft.
Mass in gas phase = 0.12356 g/sq.ft.
Mass in liquid phase = 0.22206 g/sq.ft.
Mass sorbed = 3.2185 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 0.82119E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.27578E-05g/sq.ft.
Diffusion in from atmosphere = -0.10564 g/sq.ft.
Diffusion in from water table = -0.10362E-01g/sq.ft.
Total inflow at boundaries = 0.82118E-01g/sq.ft.
Mass discrepancy = 0.32037E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.5641 g/sq.ft.
Advection in from atmosphere = 5.3494 g/sq.ft.
Advection in from water table = -0.27907E-04g/sq.ft.
Diffusion in from atmosphere = -1.6297 g/sq.ft.
Diffusion in from water table = -0.15562 g/sq.ft.
Total inflow at boundaries = 3.5641 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 28.00, total mass in vadose zone = 3.6435 g/sq.ft.
Mass in gas phase = 0.12631 g/sq.ft.
Mass in liquid phase = 0.22701 g/sq.ft.
Mass sorbed = 3.2902 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 0.79388E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.29238E-05g/sq.ft.
Diffusion in from atmosphere = -0.10810 g/sq.ft.
Diffusion in from water table = -0.10632E-01g/sq.ft.
Total inflow at boundaries = 0.79388E-01g/sq.ft.
Mass discrepancy = -0.32783E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.6435 g/sq.ft.
Advection in from atmosphere = 5.5476 g/sq.ft.
Advection in from water table = -0.30830E-04g/sq.ft.
Diffusion in from atmosphere = -1.7378 g/sq.ft.
Diffusion in from water table = -0.16625 g/sq.ft.
Total inflow at boundaries = 3.6435 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Polygon 1
At time = 29.00, total mass in vadose zone = 3.7202 g/sq.ft.
Mass in gas phase = 0.12897 g/sq.ft.
Mass in liquid phase = 0.23179 g/sq.ft.
Mass sorbed = 3.3595 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 0.76751E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.30912E-05g/sq.ft.
Diffusion in from atmosphere = -0.11048 g/sq.ft.
Diffusion in from water table = -0.10894E-01g/sq.ft.
Total inflow at boundaries = 0.76750E-01g/sq.ft.
Mass discrepancy = 0.64075E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.7202 g/sq.ft.
Advection in from atmosphere = 5.7457 g/sq.ft.
Advection in from water table = -0.33922E-04g/sq.ft.
Diffusion in from atmosphere = -1.8483 g/sq.ft.
Diffusion in from water table = -0.17715 g/sq.ft.
Total inflow at boundaries = 3.7202 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Polygon 1
At time = 30.00, total mass in vadose zone = 3.7944 g/sq.ft.
Mass in gas phase = 0.13154 g/sq.ft.
Mass in liquid phase = 0.23641 g/sq.ft.
Mass sorbed = 3.4265 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 0.74199E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.32597E-05g/sq.ft.
Diffusion in from atmosphere = -0.11277 g/sq.ft.
Diffusion in from water table = -0.11150E-01g/sq.ft.
Total inflow at boundaries = 0.74199E-01g/sq.ft.
Mass discrepancy = -0.16391E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.7944 g/sq.ft.
Advection in from atmosphere = 5.9438 g/sq.ft.
Advection in from water table = -0.37181E-04g/sq.ft.
Diffusion in from atmosphere = -1.9610 g/sq.ft.
Diffusion in from water table = -0.18830 g/sq.ft.
Total inflow at boundaries = 3.7944 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Polygon 1
At time = 31.00, total mass in vadose zone = 3.8662 g/sq.ft.
Mass in gas phase = 0.13403 g/sq.ft.
Mass in liquid phase = 0.24088 g/sq.ft.
Mass sorbed = 3.4913 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 0.71734E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.34290E-05g/sq.ft.
Diffusion in from atmosphere = -0.11499 g/sq.ft.
Diffusion in from water table = -0.11398E-01g/sq.ft.
Total inflow at boundaries = 0.71734E-01g/sq.ft.
Mass discrepancy = 0.23097E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.8662 g/sq.ft.
Advection in from atmosphere = 6.1419 g/sq.ft.
Advection in from water table = -0.40610E-04g/sq.ft.
Diffusion in from atmosphere = -2.0760 g/sq.ft.

Diffusion in from water table = -0.19969 g/sq.ft.
Total inflow at boundaries = 3.8662 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 32.00, total mass in vadose zone = 3.9355 g/sq.ft.
Mass in gas phase = 0.13643 g/sq.ft.
Mass in liquid phase = 0.24520 g/sq.ft.
Mass sorbed = 3.5539 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.69351E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.35991E-05g/sq.ft.
Diffusion in from atmosphere = -0.11713 g/sq.ft.
Diffusion in from water table = -0.11640E-01g/sq.ft.
Total inflow at boundaries = 0.69351E-01g/sq.ft.
Mass discrepancy = -0.89407E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.9355 g/sq.ft.
Advection in from atmosphere = 6.3401 g/sq.ft.
Advection in from water table = -0.44209E-04g/sq.ft.
Diffusion in from atmosphere = -2.1932 g/sq.ft.
Diffusion in from water table = -0.21133 g/sq.ft.
Total inflow at boundaries = 3.9355 g/sq.ft.
Mass discrepancy = 0.11921E-05g/sq.ft.

Polygon 1
At time = 33.00, total mass in vadose zone = 4.0026 g/sq.ft.
Mass in gas phase = 0.13876 g/sq.ft.
Mass in liquid phase = 0.24938 g/sq.ft.
Mass sorbed = 3.6144 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.67047E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.37696E-05g/sq.ft.
Diffusion in from atmosphere = -0.11920 g/sq.ft.
Diffusion in from water table = -0.11875E-01g/sq.ft.
Total inflow at boundaries = 0.67047E-01g/sq.ft.
Mass discrepancy = -0.59605E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.0026 g/sq.ft.
Advection in from atmosphere = 6.5382 g/sq.ft.
Advection in from water table = -0.47979E-04g/sq.ft.
Diffusion in from atmosphere = -2.3124 g/sq.ft.
Diffusion in from water table = -0.22321 g/sq.ft.
Total inflow at boundaries = 4.0026 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 34.00, total mass in vadose zone = 4.0674 g/sq.ft.
Mass in gas phase = 0.14100 g/sq.ft.
Mass in liquid phase = 0.25342 g/sq.ft.
Mass sorbed = 3.6730 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.64822E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.39405E-05g/sq.ft.
Diffusion in from atmosphere = -0.12120 g/sq.ft.
Diffusion in from water table = -0.12103E-01g/sq.ft.
Total inflow at boundaries = 0.64820E-01g/sq.ft.
Mass discrepancy = 0.13113E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.0674 g/sq.ft.
Advection in from atmosphere = 6.7363 g/sq.ft.
Advection in from water table = -0.51920E-04g/sq.ft.
Diffusion in from atmosphere = -2.4336 g/sq.ft.
Diffusion in from water table = -0.23531 g/sq.ft.
Total inflow at boundaries = 4.0674 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Polygon 1
At time = 35.00, total mass in vadose zone = 4.1301 g/sq.ft.
Mass in gas phase = 0.14318 g/sq.ft.
Mass in liquid phase = 0.25732 g/sq.ft.
Mass sorbed = 3.7296 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.62668E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.41115E-05g/sq.ft.
Diffusion in from atmosphere = -0.12313 g/sq.ft.

Diffusion in from water table = -0.12326E-01g/sq.ft.
Total inflow at boundaries = 0.62668E-01g/sq.ft.
Mass discrepancy = -0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.1301 g/sq.ft.
Advection in from atmosphere = 6.9345 g/sq.ft.
Advection in from water table = -0.56031E-04g/sq.ft.
Diffusion in from atmosphere = -2.5567 g/sq.ft.
Diffusion in from water table = -0.24764 g/sq.ft.
Total inflow at boundaries = 4.1301 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Polygon 1
At time = 36.00, total mass in vadose zone = 4.1906 g/sq.ft.
Mass in gas phase = 0.14528 g/sq.ft.
Mass in liquid phase = 0.26110 g/sq.ft.
Mass sorbed = 3.7843 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.60587E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.42825E-05g/sq.ft.
Diffusion in from atmosphere = -0.12499 g/sq.ft.
Diffusion in from water table = -0.12542E-01g/sq.ft.
Total inflow at boundaries = 0.60587E-01g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.1906 g/sq.ft.
Advection in from atmosphere = 7.1326 g/sq.ft.
Advection in from water table = -0.60314E-04g/sq.ft.
Diffusion in from atmosphere = -2.6817 g/sq.ft.
Diffusion in from water table = -0.26018 g/sq.ft.
Total inflow at boundaries = 4.1906 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Polygon 1
At time = 37.00, total mass in vadose zone = 4.2492 g/sq.ft.
Mass in gas phase = 0.14731 g/sq.ft.
Mass in liquid phase = 0.26475 g/sq.ft.
Mass sorbed = 3.8372 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.58575E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.44534E-05g/sq.ft.
Diffusion in from atmosphere = -0.12679 g/sq.ft.
Diffusion in from water table = -0.12752E-01g/sq.ft.
Total inflow at boundaries = 0.58576E-01g/sq.ft.
Mass discrepancy = -0.11288E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.2492 g/sq.ft.
Advection in from atmosphere = 7.3307 g/sq.ft.
Advection in from water table = -0.64767E-04g/sq.ft.
Diffusion in from atmosphere = -2.8085 g/sq.ft.
Diffusion in from water table = -0.27293 g/sq.ft.
Total inflow at boundaries = 4.2492 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 38.00, total mass in vadose zone = 4.3059 g/sq.ft.
Mass in gas phase = 0.14927 g/sq.ft.
Mass in liquid phase = 0.26828 g/sq.ft.
Mass sorbed = 3.8883 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.56633E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.46239E-05g/sq.ft.
Diffusion in from atmosphere = -0.12853 g/sq.ft.
Diffusion in from water table = -0.12957E-01g/sq.ft.
Total inflow at boundaries = 0.56631E-01g/sq.ft.
Mass discrepancy = 0.10207E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.3059 g/sq.ft.
Advection in from atmosphere = 7.5288 g/sq.ft.
Advection in from water table = -0.69391E-04g/sq.ft.
Diffusion in from atmosphere = -2.9370 g/sq.ft.
Diffusion in from water table = -0.28589 g/sq.ft.
Total inflow at boundaries = 4.3059 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 39.00, total mass in vadose zone = 4.3606 g/sq.ft.
Mass in gas phase = 0.15117 g/sq.ft.
Mass in liquid phase = 0.27169 g/sq.ft.
Mass sorbed = 3.9378 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.54752E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.47941E-05g/sq.ft.
Diffusion in from atmosphere = -0.13021 g/sq.ft.
Diffusion in from water table = -0.13156E-01g/sq.ft.
Total inflow at boundaries = 0.54752E-01g/sq.ft.
Mass discrepancy = 0.32783E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.3606 g/sq.ft.
Advection in from atmosphere = 7.7270 g/sq.ft.
Advection in from water table = -0.74185E-04g/sq.ft.
Diffusion in from atmosphere = -3.0672 g/sq.ft.
Diffusion in from water table = -0.29904 g/sq.ft.
Total inflow at boundaries = 4.3606 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Polygon 1
At time = 40.00, total mass in vadose zone = 4.4135 g/sq.ft.
Mass in gas phase = 0.15300 g/sq.ft.
Mass in liquid phase = 0.27499 g/sq.ft.
Mass sorbed = 3.9856 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.52935E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.49636E-05g/sq.ft.
Diffusion in from atmosphere = -0.13184 g/sq.ft.
Diffusion in from water table = -0.13349E-01g/sq.ft.
Total inflow at boundaries = 0.52935E-01g/sq.ft.
Mass discrepancy = -0.59605E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.4135 g/sq.ft.
Advection in from atmosphere = 7.9251 g/sq.ft.
Advection in from water table = -0.79149E-04g/sq.ft.
Diffusion in from atmosphere = -3.1991 g/sq.ft.

Diffusion in from water table = -0.31239 g/sq.ft.
Total inflow at boundaries = 4.4135 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Polygon 1
At time = 41.00, total mass in vadose zone = 4.4647 g/sq.ft.
Mass in gas phase = 0.15478 g/sq.ft.
Mass in liquid phase = 0.27818 g/sq.ft.
Mass sorbed = 4.0318 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.51179E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.51325E-05g/sq.ft.
Diffusion in from atmosphere = -0.13341 g/sq.ft.
Diffusion in from water table = -0.13537E-01g/sq.ft.
Total inflow at boundaries = 0.51179E-01g/sq.ft.
Mass discrepancy = 0.44703E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.4647 g/sq.ft.
Advection in from atmosphere = 8.1232 g/sq.ft.
Advection in from water table = -0.84281E-04g/sq.ft.
Diffusion in from atmosphere = -3.3325 g/sq.ft.
Diffusion in from water table = -0.32593 g/sq.ft.
Total inflow at boundaries = 4.4647 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 42.00, total mass in vadose zone = 4.5142 g/sq.ft.
Mass in gas phase = 0.15649 g/sq.ft.
Mass in liquid phase = 0.28126 g/sq.ft.
Mass sorbed = 4.0765 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.49481E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.53007E-05g/sq.ft.
Diffusion in from atmosphere = -0.13492 g/sq.ft.
Diffusion in from water table = -0.13720E-01g/sq.ft.
Total inflow at boundaries = 0.49481E-01g/sq.ft.
Mass discrepancy = -0.20117E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.5142 g/sq.ft.
Advection in from atmosphere = 8.3213 g/sq.ft.
Advection in from water table = -0.89582E-04g/sq.ft.
Diffusion in from atmosphere = -3.4674 g/sq.ft.
Diffusion in from water table = -0.33965 g/sq.ft.
Total inflow at boundaries = 4.5142 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 43.00, total mass in vadose zone = 4.5620 g/sq.ft.
Mass in gas phase = 0.15815 g/sq.ft.
Mass in liquid phase = 0.28424 g/sq.ft.
Mass sorbed = 4.1197 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.47841E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.54679E-05g/sq.ft.
Diffusion in from atmosphere = -0.13638 g/sq.ft.
Diffusion in from water table = -0.13898E-01g/sq.ft.
Total inflow at boundaries = 0.47840E-01g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.5620 g/sq.ft.
Advection in from atmosphere = 8.5195 g/sq.ft.
Advection in from water table = -0.95050E-04g/sq.ft.
Diffusion in from atmosphere = -3.6038 g/sq.ft.
Diffusion in from water table = -0.35355 g/sq.ft.
Total inflow at boundaries = 4.5620 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 44.00, total mass in vadose zone = 4.6083 g/sq.ft.
Mass in gas phase = 0.15975 g/sq.ft.
Mass in liquid phase = 0.28712 g/sq.ft.
Mass sorbed = 4.1614 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.46253E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.56342E-05g/sq.ft.
Diffusion in from atmosphere = -0.13780 g/sq.ft.

Diffusion in from water table = -0.14071E-01g/sq.ft.
Total inflow at boundaries = 0.46253E-01g/sq.ft.
Mass discrepancy = -0.60350E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.6083 g/sq.ft.
Advection in from atmosphere = 8.7176 g/sq.ft.
Advection in from water table = -0.10068E-03g/sq.ft.
Diffusion in from atmosphere = -3.7416 g/sq.ft.
Diffusion in from water table = -0.36762 g/sq.ft.
Total inflow at boundaries = 4.6083 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 45.00, total mass in vadose zone = 4.6530 g/sq.ft.
Mass in gas phase = 0.16130 g/sq.ft.
Mass in liquid phase = 0.28991 g/sq.ft.
Mass sorbed = 4.2018 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.44721E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.57994E-05g/sq.ft.
Diffusion in from atmosphere = -0.13916 g/sq.ft.
Diffusion in from water table = -0.14239E-01g/sq.ft.
Total inflow at boundaries = 0.44720E-01g/sq.ft.
Mass discrepancy = 0.10580E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.6530 g/sq.ft.
Advection in from atmosphere = 8.9157 g/sq.ft.
Advection in from water table = -0.10648E-03g/sq.ft.
Diffusion in from atmosphere = -3.8807 g/sq.ft.
Diffusion in from water table = -0.38186 g/sq.ft.
Total inflow at boundaries = 4.6530 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 46.00, total mass in vadose zone = 4.6963 g/sq.ft.
Mass in gas phase = 0.16280 g/sq.ft.
Mass in liquid phase = 0.29260 g/sq.ft.
Mass sorbed = 4.2409 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.43237E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.59634E-05g/sq.ft.
Diffusion in from atmosphere = -0.14048 g/sq.ft.
Diffusion in from water table = -0.14403E-01g/sq.ft.
Total inflow at boundaries = 0.43237E-01g/sq.ft.
Mass discrepancy = -0.21234E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.6963 g/sq.ft.
Advection in from atmosphere = 9.1139 g/sq.ft.
Advection in from water table = -0.11245E-03g/sq.ft.
Diffusion in from atmosphere = -4.0212 g/sq.ft.
Diffusion in from water table = -0.39626 g/sq.ft.
Total inflow at boundaries = 4.6963 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 47.00, total mass in vadose zone = 4.7381 g/sq.ft.
Mass in gas phase = 0.16425 g/sq.ft.
Mass in liquid phase = 0.29521 g/sq.ft.
Mass sorbed = 4.2786 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.41805E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.61262E-05g/sq.ft.
Diffusion in from atmosphere = -0.14176 g/sq.ft.
Diffusion in from water table = -0.14562E-01g/sq.ft.
Total inflow at boundaries = 0.41804E-01g/sq.ft.
Mass discrepancy = 0.11362E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.7381 g/sq.ft.
Advection in from atmosphere = 9.3120 g/sq.ft.
Advection in from water table = -0.11857E-03g/sq.ft.
Diffusion in from atmosphere = -4.1630 g/sq.ft.
Diffusion in from water table = -0.41082 g/sq.ft.
Total inflow at boundaries = 4.7381 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 48.00, total mass in vadose zone = 4.7785 g/sq.ft.
Mass in gas phase = 0.16565 g/sq.ft.
Mass in liquid phase = 0.29772 g/sq.ft.
Mass sorbed = 4.3151 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.40417E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.62877E-05g/sq.ft.
Diffusion in from atmosphere = -0.14299 g/sq.ft.
Diffusion in from water table = -0.14717E-01g/sq.ft.
Total inflow at boundaries = 0.40418E-01g/sq.ft.
Mass discrepancy = -0.89779E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.7785 g/sq.ft.
Advection in from atmosphere = 9.5101 g/sq.ft.
Advection in from water table = -0.12486E-03g/sq.ft.
Diffusion in from atmosphere = -4.3060 g/sq.ft.
Diffusion in from water table = -0.42554 g/sq.ft.
Total inflow at boundaries = 4.7785 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 49.00, total mass in vadose zone = 4.8176 g/sq.ft.
Mass in gas phase = 0.16701 g/sq.ft.
Mass in liquid phase = 0.30016 g/sq.ft.
Mass sorbed = 4.3504 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.39080E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.64479E-05g/sq.ft.
Diffusion in from atmosphere = -0.14418 g/sq.ft.
Diffusion in from water table = -0.14867E-01g/sq.ft.
Total inflow at boundaries = 0.39079E-01g/sq.ft.
Mass discrepancy = 0.10431E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.8176 g/sq.ft.
Advection in from atmosphere = 9.7082 g/sq.ft.
Advection in from water table = -0.13131E-03g/sq.ft.
Diffusion in from atmosphere = -4.4501 g/sq.ft.

Diffusion in from water table = -0.44041 g/sq.ft.
Total inflow at boundaries = 4.8176 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 50.00, total mass in vadose zone = 4.8553 g/sq.ft.
Mass in gas phase = 0.16832 g/sq.ft.
Mass in liquid phase = 0.30251 g/sq.ft.
Mass sorbed = 4.3845 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.37784E-01g/sq.ft.
Advection in from atmosphere = 0.19813 g/sq.ft.
Advection in from water table = -0.66066E-05g/sq.ft.
Diffusion in from atmosphere = -0.14532 g/sq.ft.
Diffusion in from water table = -0.15013E-01g/sq.ft.
Total inflow at boundaries = 0.37784E-01g/sq.ft.
Mass discrepancy = 0.37253E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.8553 g/sq.ft.
Advection in from atmosphere = 9.9064 g/sq.ft.
Advection in from water table = -0.13792E-03g/sq.ft.
Diffusion in from atmosphere = -4.5955 g/sq.ft.
Diffusion in from water table = -0.45542 g/sq.ft.
Total inflow at boundaries = 4.8553 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.10027E-16	0.12935E-13
2.00	0.54787E-03	0.70675
3.00	0.10812E-02	1.3948
4.00	0.16004E-02	2.0645
5.00	0.21058E-02	2.7165
6.00	0.25978E-02	3.3512
7.00	0.30767E-02	3.9689
8.00	0.35428E-02	4.5702
9.00	0.39965E-02	5.1554
10.00	0.44380E-02	5.7251
11.00	0.48678E-02	6.2794
12.00	0.52860E-02	6.8190

13.00	0.56931E-02	7.3441
14.00	0.60892E-02	7.8551
15.00	0.64747E-02	8.3524
16.00	0.68499E-02	8.8363
17.00	0.72149E-02	9.3072
18.00	0.75701E-02	9.7655
19.00	0.79158E-02	10.211
20.00	0.82521E-02	10.645
21.00	0.85793E-02	11.067
22.00	0.88977E-02	11.478
23.00	0.92075E-02	11.878
24.00	0.95089E-02	12.266
25.00	0.98021E-02	12.645
26.00	0.10087E-01	13.013
27.00	0.10365E-01	13.371
28.00	0.10635E-01	13.719
29.00	0.10898E-01	14.058
30.00	0.11153E-01	14.387
31.00	0.11402E-01	14.708
32.00	0.11643E-01	15.020
33.00	0.11878E-01	15.323
34.00	0.12107E-01	15.618
35.00	0.12330E-01	15.905
36.00	0.12546E-01	16.184
37.00	0.12757E-01	16.456
38.00	0.12961E-01	16.720
39.00	0.13160E-01	16.977
40.00	0.13354E-01	17.227
41.00	0.13542E-01	17.470
42.00	0.13725E-01	17.706
43.00	0.13903E-01	17.935
44.00	0.14077E-01	18.159
45.00	0.14245E-01	18.376
46.00	0.14409E-01	18.587
47.00	0.14568E-01	18.793
48.00	0.14723E-01	18.993
49.00	0.14874E-01	19.187
50.00	0.15020E-01	19.376

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.12935E-13	0.12935E-13
2.00	0.70675	0.70675
3.00	1.3948	2.1015
4.00	2.0645	4.1661
5.00	2.7165	6.8826
6.00	3.3512	10.234
7.00	3.9689	14.203
8.00	4.5702	18.773
9.00	5.1554	23.928
10.00	5.7251	29.653
11.00	6.2794	35.933
12.00	6.8190	42.752
13.00	7.3441	50.096
14.00	7.8551	57.951
15.00	8.3524	66.303
16.00	8.8363	75.140
17.00	9.3072	84.447
18.00	9.7655	94.212
19.00	10.211	104.42
20.00	10.645	115.07
21.00	11.067	126.14
22.00	11.478	137.61
23.00	11.878	149.49
24.00	12.266	161.76
25.00	12.645	174.40
26.00	13.013	187.42
27.00	13.371	200.79
28.00	13.719	214.51
29.00	14.058	228.56
30.00	14.387	242.95
31.00	14.708	257.66
32.00	15.020	272.68
33.00	15.323	288.00
34.00	15.618	303.62
35.00	15.905	319.53
36.00	16.184	335.71
37.00	16.456	352.17
38.00	16.720	368.89
39.00	16.977	385.86
40.00	17.227	403.09
41.00	17.470	420.56

42.00	17.706	438.26
43.00	17.935	456.20
44.00	18.159	474.36
45.00	18.376	492.74
46.00	18.587	511.32
47.00	18.793	530.12
48.00	18.993	549.11
49.00	19.187	568.30
50.00	19.376	587.67

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|                 VLEACH (Version 2.2a, 1996)                 |
|                                                             |
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|                  (USEPA Contractors)                        |
|        Center for Subsurface Modeling Support               |
|        Robert S. Kerr Environmental Research Laboratory     |
|        U.S. Environmental Protection Agency                 |
|        P.O. Box 1198                                        |
|        Ada, OK 74820                                        |
|                                                             |
|        Based on the original VLEACH (version 1.0)           |
|        developed by CH2M Hill, Redding, California          |
|        for USEPA Region IX                                  |
|-------------------------------------------------------------|
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Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.11216E-01	0.34941E-01	0.16559E-05
2	0.26319E-03	0.81990E-03	0.38857E-07
3	0.61757E-05	0.19239E-04	0.91178E-09
4	0.14491E-06	0.45145E-06	0.21395E-10
5	0.34004E-08	0.10593E-07	0.50204E-12

6	0.79792E-10	0.24857E-09	0.11780E-13
7	0.18723E-11	0.58328E-11	0.27643E-15
8	0.43934E-13	0.13687E-12	0.64864E-17
9	0.10309E-14	0.32116E-14	0.15220E-18
10	0.24191E-16	0.75361E-16	0.35715E-20

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22013E-01	0.68578E-01	0.32500E-05
2	0.55104E-03	0.17166E-02	0.81355E-07
3	0.15825E-04	0.49300E-04	0.23364E-08
4	0.22278E-05	0.69403E-05	0.32891E-09
5	0.16016E-05	0.49895E-05	0.23646E-09
6	0.13090E-05	0.40778E-05	0.19325E-09
7	0.10347E-05	0.32233E-05	0.15276E-09
8	0.76887E-06	0.23952E-05	0.11352E-09
9	0.50920E-06	0.15863E-05	0.75177E-10
10	0.25359E-06	0.78999E-06	0.37439E-10

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.32408E-01	0.10096	0.47846E-05
2	0.86136E-03	0.26834E-02	0.12717E-06
3	0.28795E-04	0.89706E-04	0.42513E-08
4	0.61326E-05	0.19105E-04	0.90540E-09
5	0.46957E-05	0.14628E-04	0.69327E-09
6	0.38460E-05	0.11981E-04	0.56782E-09
7	0.30409E-05	0.94731E-05	0.44895E-09
8	0.22601E-05	0.70408E-05	0.33368E-09
9	0.14971E-05	0.46640E-05	0.22104E-09
10	0.74601E-06	0.23240E-05	0.11014E-09

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.42414E-01	0.13213	0.62619E-05
2	0.11921E-02	0.37136E-02	0.17600E-06
3	0.44936E-04	0.13999E-03	0.66343E-08
4	0.11748E-04	0.36599E-04	0.17345E-08
5	0.91914E-05	0.28633E-04	0.13570E-08
6	0.75343E-05	0.23471E-04	0.11124E-08
7	0.59582E-05	0.18561E-04	0.87966E-09

8	0.44292E-05	0.13798E-04	0.65392E-09
9	0.29347E-05	0.91425E-05	0.43328E-09
10	0.14631E-05	0.45581E-05	0.21602E-09

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.52046E-01	0.16214	0.76840E-05
2	0.15412E-02	0.48013E-02	0.22754E-06
3	0.64099E-04	0.19969E-03	0.94635E-08
4	0.18969E-04	0.59095E-04	0.28006E-08
5	0.14999E-04	0.46725E-04	0.22144E-08
6	0.12300E-04	0.38319E-04	0.18160E-08
7	0.97292E-05	0.30309E-04	0.14364E-08
8	0.72338E-05	0.22535E-04	0.10680E-08
9	0.47942E-05	0.14935E-04	0.70781E-09
10	0.23915E-05	0.74502E-05	0.35308E-09

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.61319E-01	0.19102	0.90530E-05
2	0.19070E-02	0.59408E-02	0.28155E-06
3	0.86140E-04	0.26835E-03	0.12718E-07
4	0.27695E-04	0.86277E-04	0.40888E-08
5	0.22032E-04	0.68635E-04	0.32527E-08
6	0.18074E-04	0.56306E-04	0.26685E-08
7	0.14299E-04	0.44545E-04	0.21111E-08
8	0.10633E-04	0.33126E-04	0.15699E-08
9	0.70489E-05	0.21959E-04	0.10407E-08
10	0.35181E-05	0.10960E-04	0.51941E-09

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.70245E-01	0.21883	0.10371E-04
2	0.22877E-02	0.71267E-02	0.33775E-06
3	0.11092E-03	0.34553E-03	0.16375E-07
4	0.37829E-04	0.11785E-03	0.55850E-08
5	0.30209E-04	0.94109E-04	0.44600E-08
6	0.24789E-04	0.77226E-04	0.36599E-08
7	0.19615E-04	0.61105E-04	0.28959E-08
8	0.14589E-04	0.45450E-04	0.21540E-08
9	0.96737E-05	0.30136E-04	0.14282E-08

10	0.48307E-05	0.15049E-04	0.71320E-09

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.78839E-01	0.24560	0.11640E-04
2	0.26816E-02	0.83540E-02	0.39591E-06
3	0.13829E-03	0.43080E-03	0.20416E-07
4	0.49279E-04	0.15352E-03	0.72755E-08
5	0.39453E-04	0.12291E-03	0.58248E-08
6	0.32382E-04	0.10088E-03	0.47809E-08
7	0.25627E-04	0.79836E-04	0.37836E-08
8	0.19065E-04	0.59392E-04	0.28147E-08
9	0.12644E-04	0.39390E-04	0.18668E-08
10	0.63175E-05	0.19681E-04	0.93270E-09

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.87111E-01	0.27137	0.12861E-04
2	0.30874E-02	0.96180E-02	0.45581E-06
3	0.16812E-03	0.52373E-03	0.24821E-07
4	0.61958E-04	0.19302E-03	0.91475E-08
5	0.49689E-04	0.15480E-03	0.73361E-08
6	0.40792E-04	0.12708E-03	0.60225E-08
7	0.32288E-04	0.10059E-03	0.47670E-08
8	0.24025E-04	0.74843E-04	0.35470E-08
9	0.15937E-04	0.49649E-04	0.23530E-08
10	0.79671E-05	0.24820E-04	0.11762E-08

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.95075E-01	0.29618	0.14037E-04
2	0.35034E-02	0.10914E-01	0.51724E-06
3	0.20027E-03	0.62391E-03	0.29568E-07
4	0.75784E-04	0.23609E-03	0.11189E-07
5	0.60848E-04	0.18956E-03	0.89835E-08
6	0.49961E-04	0.15564E-03	0.73762E-08
7	0.39553E-04	0.12322E-03	0.58396E-08
8	0.29435E-04	0.91699E-04	0.43458E-08
9	0.19531E-04	0.60845E-04	0.28836E-08
10	0.97687E-05	0.30432E-04	0.14422E-08

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.10274	0.32007	0.15169E-04
2	0.39285E-02	0.12238E-01	0.58000E-06
3	0.23463E-03	0.73093E-03	0.34640E-07
4	0.90676E-04	0.28248E-03	0.13387E-07
5	0.72861E-04	0.22698E-03	0.10757E-07
6	0.59835E-04	0.18640E-03	0.88339E-08
7	0.47378E-04	0.14760E-03	0.69949E-08
8	0.35265E-04	0.10986E-03	0.52065E-08
9	0.23405E-04	0.72912E-04	0.34555E-08
10	0.11712E-04	0.36487E-04	0.17292E-08

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.11012	0.34306	0.16258E-04
2	0.43614E-02	0.13587E-01	0.64391E-06
3	0.27105E-03	0.84440E-03	0.40018E-07
4	0.10656E-03	0.33196E-03	0.15732E-07
5	0.85665E-04	0.26687E-03	0.12647E-07
6	0.70361E-04	0.21919E-03	0.10388E-07
7	0.55722E-04	0.17359E-03	0.82268E-08
8	0.41483E-04	0.12923E-03	0.61246E-08
9	0.27538E-04	0.85789E-04	0.40657E-08
10	0.13788E-04	0.42952E-04	0.20356E-08

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.11723	0.36519	0.17307E-04
2	0.48009E-02	0.14956E-01	0.70879E-06
3	0.30942E-03	0.96394E-03	0.45683E-07
4	0.12336E-03	0.38430E-03	0.18213E-07
5	0.99200E-04	0.30903E-03	0.14646E-07
6	0.81489E-04	0.25386E-03	0.12031E-07
7	0.64547E-04	0.20108E-03	0.95296E-08
8	0.48061E-04	0.14972E-03	0.70957E-08
9	0.31912E-04	0.99414E-04	0.47115E-08
10	0.15986E-04	0.49799E-04	0.23601E-08

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.12407	0.38650	0.18317E-04
2	0.52458E-02	0.16342E-01	0.77449E-06
3	0.34962E-03	0.10892E-02	0.51618E-07
4	0.14101E-03	0.43929E-03	0.20819E-07
5	0.11341E-03	0.35329E-03	0.16743E-07
6	0.93173E-04	0.29026E-03	0.13756E-07
7	0.73814E-04	0.22995E-03	0.10898E-07
8	0.54971E-04	0.17125E-03	0.81159E-08
9	0.36508E-04	0.11373E-03	0.53900E-08
10	0.18297E-04	0.57001E-04	0.27014E-08

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.13065	0.40701	0.19289E-04
2	0.56953E-02	0.17742E-01	0.84085E-06
3	0.39154E-03	0.12197E-02	0.57806E-07
4	0.15945E-03	0.49673E-03	0.23541E-07
5	0.12823E-03	0.39948E-03	0.18932E-07
6	0.10537E-03	0.32825E-03	0.15556E-07
7	0.83488E-04	0.26009E-03	0.12326E-07
8	0.62187E-04	0.19373E-03	0.91812E-08
9	0.41310E-04	0.12869E-03	0.60989E-08
10	0.20714E-04	0.64529E-04	0.30582E-08

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.13699	0.42675	0.20225E-04
2	0.61484E-02	0.19154E-01	0.90774E-06
3	0.43505E-03	0.13553E-02	0.64230E-07
4	0.17861E-03	0.55641E-03	0.26370E-07
5	0.14362E-03	0.44743E-03	0.21205E-07
6	0.11803E-03	0.36769E-03	0.17426E-07
7	0.93536E-04	0.29139E-03	0.13810E-07
8	0.69684E-04	0.21708E-03	0.10288E-07
9	0.46300E-04	0.14424E-03	0.68356E-08
10	0.23227E-04	0.72360E-04	0.34293E-08

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.14309	0.44576	0.21126E-04
2	0.66040E-02	0.20573E-01	0.97501E-06
3	0.48004E-03	0.14955E-02	0.70873E-07
4	0.19843E-03	0.61817E-03	0.29296E-07
5	0.15953E-03	0.49699E-03	0.23553E-07
6	0.13112E-03	0.40847E-03	0.19358E-07
7	0.10393E-03	0.32376E-03	0.15344E-07
8	0.77437E-04	0.24124E-03	0.11433E-07
9	0.51463E-04	0.16032E-03	0.75979E-08
10	0.25830E-04	0.80468E-04	0.38135E-08

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.14896	0.46406	0.21993E-04
2	0.70616E-02	0.21999E-01	0.10426E-05
3	0.52643E-03	0.16400E-02	0.77721E-07
4	0.21886E-03	0.68182E-03	0.32313E-07
5	0.17591E-03	0.54801E-03	0.25971E-07
6	0.14460E-03	0.45045E-03	0.21348E-07
7	0.11463E-03	0.35709E-03	0.16923E-07
8	0.85425E-04	0.26612E-03	0.12612E-07
9	0.56784E-04	0.17690E-03	0.83835E-08
10	0.28515E-04	0.88831E-04	0.42099E-08

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.15462	0.48168	0.22828E-04
2	0.75202E-02	0.23427E-01	0.11103E-05
3	0.57409E-03	0.17885E-02	0.84758E-07
4	0.23985E-03	0.74719E-03	0.35411E-07
5	0.19271E-03	0.60036E-03	0.28452E-07
6	0.15843E-03	0.49354E-03	0.23390E-07
7	0.12561E-03	0.39131E-03	0.18545E-07
8	0.93627E-04	0.29167E-03	0.13823E-07
9	0.62249E-04	0.19392E-03	0.91904E-08
10	0.31274E-04	0.97427E-04	0.46173E-08

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.16006	0.49863	0.23631E-04
2	0.79791E-02	0.24857E-01	0.11780E-05
3	0.62294E-03	0.19406E-02	0.91970E-07
4	0.26134E-03	0.81414E-03	0.38584E-07
5	0.20990E-03	0.65390E-03	0.30989E-07
6	0.17257E-03	0.53761E-03	0.25478E-07
7	0.13685E-03	0.42632E-03	0.20204E-07
8	0.10202E-03	0.31782E-03	0.15062E-07
9	0.67844E-04	0.21135E-03	0.10016E-07
10	0.34102E-04	0.10624E-03	0.50347E-08

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.16530	0.51496	0.24405E-04
2	0.84378E-02	0.26286E-01	0.12457E-05
3	0.67287E-03	0.20962E-02	0.99342E-07
4	0.28328E-03	0.88250E-03	0.41824E-07
5	0.22743E-03	0.70851E-03	0.33578E-07
6	0.18700E-03	0.58257E-03	0.27609E-07
7	0.14832E-03	0.46205E-03	0.21897E-07
8	0.11059E-03	0.34451E-03	0.16327E-07
9	0.73558E-04	0.22915E-03	0.10860E-07
10	0.36991E-04	0.11524E-03	0.54613E-08

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.17035	0.53068	0.25150E-04
2	0.88955E-02	0.27712E-01	0.13133E-05
3	0.72380E-03	0.22548E-02	0.10686E-06
4	0.30564E-03	0.95214E-03	0.45124E-07
5	0.24527E-03	0.76407E-03	0.36211E-07
6	0.20169E-03	0.62831E-03	0.29777E-07
7	0.15999E-03	0.49841E-03	0.23621E-07
8	0.11931E-03	0.37169E-03	0.17615E-07
9	0.79376E-04	0.24728E-03	0.11719E-07
10	0.39935E-04	0.12441E-03	0.58960E-08

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.17520	0.54581	0.25867E-04
2	0.93518E-02	0.29133E-01	0.13807E-05
3	0.77563E-03	0.24163E-02	0.11451E-06
4	0.32836E-03	0.10229E-02	0.48478E-07
5	0.26337E-03	0.82047E-03	0.38884E-07
6	0.21660E-03	0.67476E-03	0.31978E-07
7	0.17184E-03	0.53534E-03	0.25371E-07
8	0.12817E-03	0.39929E-03	0.18923E-07
9	0.85289E-04	0.26570E-03	0.12592E-07
10	0.42930E-04	0.13374E-03	0.63381E-08

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.17988	0.56037	0.26557E-04
2	0.98061E-02	0.30548E-01	0.14478E-05
3	0.82829E-03	0.25803E-02	0.12229E-06
4	0.35140E-03	0.10947E-02	0.51880E-07
5	0.28171E-03	0.87760E-03	0.41591E-07
6	0.23170E-03	0.72181E-03	0.34208E-07
7	0.18385E-03	0.57276E-03	0.27144E-07
8	0.13715E-03	0.42727E-03	0.20249E-07
9	0.91284E-04	0.28437E-03	0.13477E-07
10	0.45969E-04	0.14320E-03	0.67868E-08

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.18438	0.57439	0.27222E-04
2	0.10258E-01	0.31956E-01	0.15145E-05
3	0.88168E-03	0.27467E-02	0.13017E-06
4	0.37473E-03	0.11674E-02	0.55325E-07
5	0.30025E-03	0.93537E-03	0.44329E-07
6	0.24698E-03	0.76940E-03	0.36463E-07
7	0.19600E-03	0.61061E-03	0.28938E-07
8	0.14624E-03	0.45558E-03	0.21591E-07
9	0.97352E-04	0.30328E-03	0.14373E-07
10	0.49047E-04	0.15279E-03	0.72412E-08

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.18871	0.58789	0.27861E-04
2	0.10707E-01	0.33354E-01	0.15807E-05
3	0.93572E-03	0.29150E-02	0.13815E-06
4	0.39831E-03	0.12408E-02	0.58806E-07
5	0.31897E-03	0.99368E-03	0.47092E-07
6	0.26239E-03	0.81743E-03	0.38740E-07
7	0.20827E-03	0.64882E-03	0.30749E-07
8	0.15542E-03	0.48417E-03	0.22946E-07
9	0.10348E-03	0.32238E-03	0.15278E-07
10	0.52159E-04	0.16249E-03	0.77007E-08

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.19288	0.60088	0.28477E-04
2	0.11152E-01	0.34742E-01	0.16465E-05
3	0.99035E-03	0.30852E-02	0.14621E-06
4	0.42210E-03	0.13150E-02	0.62319E-07
5	0.33783E-03	0.10524E-02	0.49877E-07
6	0.27793E-03	0.86584E-03	0.41034E-07
7	0.22064E-03	0.68735E-03	0.32575E-07
8	0.16467E-03	0.51300E-03	0.24312E-07
9	0.10967E-03	0.34164E-03	0.16191E-07
10	0.55301E-04	0.17228E-03	0.81645E-08

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.19690	0.61339	0.29070E-04
2	0.11594E-01	0.36118E-01	0.17117E-05
3	0.10455E-02	0.32570E-02	0.15435E-06
4	0.44607E-03	0.13896E-02	0.65858E-07
5	0.35681E-03	0.11116E-02	0.52679E-07
6	0.29357E-03	0.91456E-03	0.43343E-07
7	0.23309E-03	0.72614E-03	0.34413E-07
8	0.17399E-03	0.54203E-03	0.25688E-07
9	0.11590E-03	0.36105E-03	0.17111E-07
10	0.58468E-04	0.18214E-03	0.86321E-08

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20077	0.62544	0.29641E-04
2	0.12032E-01	0.37482E-01	0.17764E-05
3	0.11011E-02	0.34301E-02	0.16256E-06
4	0.47019E-03	0.14648E-02	0.69419E-07
5	0.37588E-03	0.11710E-02	0.55495E-07
6	0.30929E-03	0.96352E-03	0.45663E-07
7	0.24560E-03	0.76512E-03	0.36261E-07
8	0.18336E-03	0.57122E-03	0.27071E-07
9	0.12216E-03	0.38057E-03	0.18036E-07
10	0.61655E-04	0.19207E-03	0.91027E-08

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20449	0.63703	0.30190E-04
2	0.12465E-01	0.38832E-01	0.18403E-05
3	0.11570E-02	0.36044E-02	0.17082E-06
4	0.49443E-03	0.15403E-02	0.72998E-07
5	0.39502E-03	0.12306E-02	0.58321E-07
6	0.32506E-03	0.10127E-02	0.47992E-07
7	0.25817E-03	0.80426E-03	0.38115E-07
8	0.19277E-03	0.60053E-03	0.28461E-07
9	0.12846E-03	0.40018E-03	0.18965E-07
10	0.64860E-04	0.20206E-03	0.95758E-08

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20807	0.64819	0.30719E-04
2	0.12894E-01	0.40168E-01	0.19037E-05
3	0.12133E-02	0.37796E-02	0.17913E-06
4	0.51876E-03	0.16161E-02	0.76590E-07
5	0.41421E-03	0.12904E-02	0.61153E-07
6	0.34088E-03	0.10619E-02	0.50326E-07
7	0.27077E-03	0.84351E-03	0.39975E-07
8	0.20221E-03	0.62993E-03	0.29854E-07
9	0.13477E-03	0.41985E-03	0.19898E-07
10	0.68078E-04	0.21208E-03	0.10051E-07

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.21152	0.65893	0.31228E-04
2	0.13318E-01	0.41489E-01	0.19662E-05
3	0.12698E-02	0.39557E-02	0.18747E-06
4	0.54316E-03	0.16921E-02	0.80191E-07
5	0.43342E-03	0.13502E-02	0.63989E-07
6	0.35671E-03	0.11112E-02	0.52664E-07
7	0.28338E-03	0.88281E-03	0.41838E-07
8	0.21166E-03	0.65939E-03	0.31250E-07
9	0.14110E-03	0.43957E-03	0.20832E-07
10	0.71305E-04	0.22213E-03	0.10527E-07

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.21484	0.66928	0.31718E-04
2	0.13737E-01	0.42793E-01	0.20281E-05
3	0.13264E-02	0.41322E-02	0.19584E-06
4	0.56759E-03	0.17682E-02	0.83799E-07
5	0.45263E-03	0.14101E-02	0.66826E-07
6	0.37255E-03	0.11606E-02	0.55003E-07
7	0.29601E-03	0.92215E-03	0.43702E-07
8	0.22113E-03	0.68887E-03	0.32647E-07
9	0.14744E-03	0.45931E-03	0.21767E-07
10	0.74538E-04	0.23221E-03	0.11005E-07

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.21803	0.67924	0.32190E-04
2	0.14150E-01	0.44081E-01	0.20891E-05
3	0.13833E-02	0.43092E-02	0.20422E-06
4	0.59204E-03	0.18444E-02	0.87408E-07
5	0.47183E-03	0.14699E-02	0.69661E-07
6	0.38838E-03	0.12099E-02	0.57340E-07
7	0.30863E-03	0.96146E-03	0.45566E-07
8	0.23059E-03	0.71835E-03	0.34044E-07
9	0.15378E-03	0.47905E-03	0.22703E-07
10	0.77775E-04	0.24229E-03	0.11483E-07

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22111	0.68882	0.32645E-04
2	0.14558E-01	0.45352E-01	0.21493E-05
3	0.14402E-02	0.44865E-02	0.21262E-06
4	0.61648E-03	0.19205E-02	0.91017E-07
5	0.49100E-03	0.15296E-02	0.72491E-07
6	0.40418E-03	0.12591E-02	0.59673E-07
7	0.32123E-03	0.10007E-02	0.47426E-07
8	0.24004E-03	0.74779E-03	0.35439E-07
9	0.16011E-03	0.49878E-03	0.23638E-07
10	0.81011E-04	0.25237E-03	0.11960E-07

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22407	0.69805	0.33082E-04
2	0.14960E-01	0.46605E-01	0.22087E-05
3	0.14971E-02	0.46638E-02	0.22103E-06
4	0.64090E-03	0.19966E-02	0.94621E-07
5	0.51012E-03	0.15892E-02	0.75313E-07
6	0.41995E-03	0.13082E-02	0.62000E-07
7	0.33381E-03	0.10399E-02	0.49283E-07
8	0.24948E-03	0.77718E-03	0.36832E-07
9	0.16643E-03	0.51848E-03	0.24572E-07
10	0.84245E-04	0.26245E-03	0.12438E-07

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22693	0.70693	0.33503E-04
2	0.15357E-01	0.47840E-01	0.22673E-05
3	0.15540E-02	0.48410E-02	0.22943E-06
4	0.66526E-03	0.20725E-02	0.98218E-07
5	0.52917E-03	0.16485E-02	0.78127E-07
6	0.43566E-03	0.13572E-02	0.64320E-07
7	0.34634E-03	0.10790E-02	0.51134E-07
8	0.25888E-03	0.80649E-03	0.38221E-07
9	0.17274E-03	0.53813E-03	0.25503E-07
10	0.87473E-04	0.27250E-03	0.12914E-07

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22967	0.71549	0.33908E-04
2	0.15747E-01	0.49057E-01	0.23249E-05
3	0.16108E-02	0.50181E-02	0.23782E-06
4	0.68956E-03	0.21482E-02	0.10181E-06
5	0.54815E-03	0.17076E-02	0.80928E-07
6	0.45131E-03	0.14059E-02	0.66631E-07
7	0.35883E-03	0.11179E-02	0.52978E-07
8	0.26826E-03	0.83569E-03	0.39605E-07
9	0.17903E-03	0.55772E-03	0.26431E-07
10	0.90693E-04	0.28253E-03	0.13390E-07

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23231	0.72372	0.34299E-04
2	0.16132E-01	0.50255E-01	0.23817E-05
3	0.16675E-02	0.51947E-02	0.24619E-06
4	0.71378E-03	0.22236E-02	0.10538E-06
5	0.56704E-03	0.17665E-02	0.83717E-07
6	0.46688E-03	0.14545E-02	0.68930E-07
7	0.37127E-03	0.11566E-02	0.54813E-07
8	0.27759E-03	0.86477E-03	0.40983E-07
9	0.18529E-03	0.57723E-03	0.27356E-07
10	0.93903E-04	0.29253E-03	0.13864E-07

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23486	0.73165	0.34674E-04
2	0.16510E-01	0.51433E-01	0.24375E-05
3	0.17241E-02	0.53709E-02	0.25454E-06
4	0.73789E-03	0.22987E-02	0.10894E-06
5	0.58582E-03	0.18250E-02	0.86489E-07
6	0.48237E-03	0.15027E-02	0.71217E-07
7	0.38364E-03	0.11951E-02	0.56639E-07
8	0.28688E-03	0.89370E-03	0.42354E-07
9	0.19152E-03	0.59665E-03	0.28276E-07
10	0.97100E-04	0.30249E-03	0.14336E-07

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23731	0.73928	0.35036E-04
2	0.16882E-01	0.52593E-01	0.24925E-05
3	0.17804E-02	0.55465E-02	0.26286E-06
4	0.76189E-03	0.23735E-02	0.11248E-06
5	0.60448E-03	0.18831E-02	0.89245E-07
6	0.49777E-03	0.15507E-02	0.73490E-07
7	0.39593E-03	0.12334E-02	0.58455E-07
8	0.29611E-03	0.92247E-03	0.43718E-07
9	0.19772E-03	0.61596E-03	0.29192E-07
10	0.10028E-03	0.31241E-03	0.14806E-07

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.23967	0.74662	0.35384E-04
2	0.17248E-01	0.53733E-01	0.25465E-05
3	0.18366E-02	0.57214E-02	0.27115E-06
4	0.78576E-03	0.24479E-02	0.11601E-06
5	0.62302E-03	0.19409E-02	0.91982E-07
6	0.51306E-03	0.15983E-02	0.75748E-07
7	0.40815E-03	0.12715E-02	0.60258E-07
8	0.30529E-03	0.95107E-03	0.45073E-07
9	0.20389E-03	0.63517E-03	0.30102E-07
10	0.10345E-03	0.32227E-03	0.15273E-07

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24194	0.75369	0.35719E-04
2	0.17608E-01	0.54853E-01	0.25996E-05
3	0.18924E-02	0.58954E-02	0.27940E-06
4	0.80949E-03	0.25218E-02	0.11951E-06
5	0.64142E-03	0.19982E-02	0.94699E-07
6	0.52824E-03	0.16456E-02	0.77989E-07
7	0.42027E-03	0.13093E-02	0.62049E-07
8	0.31441E-03	0.97946E-03	0.46419E-07
9	0.21001E-03	0.65425E-03	0.31006E-07
10	0.10660E-03	0.33207E-03	0.15738E-07

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24412	0.76050	0.36042E-04
2	0.17961E-01	0.55953E-01	0.26517E-05
3	0.19480E-02	0.60685E-02	0.28760E-06
4	0.83306E-03	0.25952E-02	0.12299E-06
5	0.65968E-03	0.20551E-02	0.97394E-07
6	0.54330E-03	0.16925E-02	0.80212E-07
7	0.43231E-03	0.13468E-02	0.63826E-07
8	0.32345E-03	0.10076E-02	0.47754E-07
9	0.21609E-03	0.67319E-03	0.31904E-07
10	0.10972E-03	0.34182E-03	0.16199E-07

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24623	0.76706	0.36352E-04
2	0.18308E-01	0.57034E-01	0.27029E-05
3	0.20032E-02	0.62406E-02	0.29576E-06
4	0.85646E-03	0.26681E-02	0.12645E-06
5	0.67778E-03	0.21115E-02	0.10007E-06
6	0.55823E-03	0.17390E-02	0.82416E-07
7	0.44425E-03	0.13839E-02	0.65588E-07
8	0.33243E-03	0.10356E-02	0.49080E-07
9	0.22213E-03	0.69199E-03	0.32795E-07
10	0.11283E-03	0.35149E-03	0.16658E-07

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.24825	0.77337	0.36651E-04
2	0.18648E-01	0.58094E-01	0.27532E-05
3	0.20581E-02	0.64116E-02	0.30386E-06
4	0.87968E-03	0.27405E-02	0.12988E-06
5	0.69571E-03	0.21673E-02	0.10271E-06
6	0.57303E-03	0.17851E-02	0.84601E-07
7	0.45608E-03	0.14208E-02	0.67335E-07
8	0.34133E-03	0.10633E-02	0.50393E-07
9	0.22811E-03	0.71063E-03	0.33678E-07
10	0.11591E-03	0.36109E-03	0.17113E-07

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25020	0.77944	0.36939E-04
2	0.18982E-01	0.59135E-01	0.28025E-05
3	0.21126E-02	0.65814E-02	0.31190E-06
4	0.90272E-03	0.28122E-02	0.13328E-06
5	0.71348E-03	0.22227E-02	0.10534E-06
6	0.58768E-03	0.18308E-02	0.86765E-07
7	0.46780E-03	0.14573E-02	0.69065E-07
8	0.35015E-03	0.10908E-02	0.51696E-07
9	0.23405E-03	0.72911E-03	0.34554E-07
10	0.11897E-03	0.37062E-03	0.17564E-07

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25208	0.78529	0.37216E-04
2	0.19310E-01	0.60156E-01	0.28509E-05
3	0.21667E-02	0.67498E-02	0.31989E-06
4	0.92556E-03	0.28834E-02	0.13665E-06
5	0.73107E-03	0.22775E-02	0.10793E-06
6	0.60219E-03	0.18760E-02	0.88907E-07
7	0.47941E-03	0.14935E-02	0.70779E-07
8	0.35889E-03	0.11180E-02	0.52985E-07
9	0.23993E-03	0.74743E-03	0.35422E-07
10	0.12200E-03	0.38007E-03	0.18012E-07

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25388	0.79092	0.37483E-04
2	0.19631E-01	0.61157E-01	0.28984E-05
3	0.22203E-02	0.69169E-02	0.32781E-06
4	0.94819E-03	0.29539E-02	0.13999E-06
5	0.74847E-03	0.23317E-02	0.11050E-06
6	0.61656E-03	0.19207E-02	0.91027E-07
7	0.49090E-03	0.15293E-02	0.72476E-07
8	0.36754E-03	0.11450E-02	0.54262E-07
9	0.24575E-03	0.76557E-03	0.36282E-07
10	0.12501E-03	0.38943E-03	0.18456E-07

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25562	0.79634	0.37740E-04
2	0.19946E-01	0.62138E-01	0.29449E-05
3	0.22735E-02	0.70826E-02	0.33566E-06
4	0.97061E-03	0.30237E-02	0.14330E-06
5	0.76569E-03	0.23853E-02	0.11305E-06
6	0.63076E-03	0.19650E-02	0.93125E-07
7	0.50227E-03	0.15647E-02	0.74155E-07
8	0.37610E-03	0.11716E-02	0.55526E-07
9	0.25151E-03	0.78353E-03	0.37133E-07
10	0.12798E-03	0.39870E-03	0.18895E-07

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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
 |         Robert S. Kerr Environmental Research Laboratory    |
 |         U.S. Environmental Protection Agency                |
 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
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Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 220.00 ml/g, 0.77692E-02cu.ft./g
Kh = 0.32100 (dimensionless).
Aqueous solubility = 169.00 mg/l, 4.7856 g/cu.ft
Free air diffusion coefficient = .65700 sq. m/day, 2581.4 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.1500
Organic carbon content = 0.00610000

Recharge Rate = 0.01658000 ft/yr
Conc. in recharge water = 422.00 mg/l, 11.950 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

2.2 Etilbenceno Medio

Benceno Barranquilla
1
1 50 1 1
220 0.321 169 0.657
Polygon1
1290 2.3 0.16839 1.62 0.41 0.2 0.0061
462 0 0
10Y 50
10 10 0

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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
 |         Robert S. Kerr Environmental Research Laboratory    |
 |         U.S. Environmental Protection Agency                |
 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
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Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 2.2030 g/sq.ft.
Mass in gas phase = 0.60825E-01g/sq.ft.
Mass in liquid phase = 0.18046 g/sq.ft.
Mass sorbed = 1.9617 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 2.2030 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.17311E-07g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 2.2030 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.2030 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.17311E-07g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 2.2030 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 4.3491 g/sq.ft.
Mass in gas phase = 0.12008 g/sq.ft.
Mass in liquid phase = 0.35627 g/sq.ft.
Mass sorbed = 3.8727 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 2.1461 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.41285E-07g/sq.ft.
Diffusion in from atmosphere = -0.51737E-01g/sq.ft.
Diffusion in from water table = -0.51102E-02g/sq.ft.
Total inflow at boundaries = 2.1461 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.3491 g/sq.ft.
Advection in from atmosphere = 4.4059 g/sq.ft.
Advection in from water table = -0.58596E-07g/sq.ft.
Diffusion in from atmosphere = -0.51737E-01g/sq.ft.
Diffusion in from water table = -0.51102E-02g/sq.ft.
Total inflow at boundaries = 4.3491 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 6.4399 g/sq.ft.
Mass in gas phase = 0.17781 g/sq.ft.
Mass in liquid phase = 0.52754 g/sq.ft.
Mass sorbed = 5.7345 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 2.0908 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.24683E-05g/sq.ft.
Diffusion in from atmosphere = -0.10190 g/sq.ft.
Diffusion in from water table = -0.10245E-01g/sq.ft.
Total inflow at boundaries = 2.0908 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 6.4399 g/sq.ft.
Advection in from atmosphere = 6.6089 g/sq.ft.
Advection in from water table = -0.25269E-05g/sq.ft.
Diffusion in from atmosphere = -0.15364 g/sq.ft.
Diffusion in from water table = -0.15355E-01g/sq.ft.
Total inflow at boundaries = 6.4399 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 8.4769 g/sq.ft.
Mass in gas phase = 0.23405 g/sq.ft.
Mass in liquid phase = 0.69441 g/sq.ft.
Mass sorbed = 7.5484 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 2.0370 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.73093E-05g/sq.ft.
Diffusion in from atmosphere = -0.15054 g/sq.ft.
Diffusion in from water table = -0.15400E-01g/sq.ft.
Total inflow at boundaries = 2.0370 g/sq.ft.
Mass discrepancy = -0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 8.4769 g/sq.ft.
Advection in from atmosphere = 8.8118 g/sq.ft.
Advection in from water table = -0.98362E-05g/sq.ft.
Diffusion in from atmosphere = -0.30418 g/sq.ft.

Diffusion in from water table = -0.30755E-01g/sq.ft.
Total inflow at boundaries = 8.4769 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 10.462 g/sq.ft.
Mass in gas phase = 0.28885 g/sq.ft.
Mass in liquid phase = 0.85699 g/sq.ft.
Mass sorbed = 9.3157 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 1.9847 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.14573E-04g/sq.ft.
Diffusion in from atmosphere = -0.19771 g/sq.ft.
Diffusion in from water table = -0.20571E-01g/sq.ft.
Total inflow at boundaries = 1.9847 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 10.462 g/sq.ft.
Advection in from atmosphere = 11.015 g/sq.ft.
Advection in from water table = -0.24409E-04g/sq.ft.
Diffusion in from atmosphere = -0.50189 g/sq.ft.
Diffusion in from water table = -0.51326E-01g/sq.ft.
Total inflow at boundaries = 10.462 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 12.395 g/sq.ft.
Mass in gas phase = 0.34224 g/sq.ft.
Mass in liquid phase = 1.0154 g/sq.ft.
Mass sorbed = 11.038 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 1.9337 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.24264E-04g/sq.ft.
Diffusion in from atmosphere = -0.24344 g/sq.ft.
Diffusion in from water table = -0.25756E-01g/sq.ft.
Total inflow at boundaries = 1.9337 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 12.395 g/sq.ft.
Advection in from atmosphere = 13.218 g/sq.ft.
Advection in from water table = -0.48673E-04g/sq.ft.
Diffusion in from atmosphere = -0.74533 g/sq.ft.
Diffusion in from water table = -0.77081E-01g/sq.ft.
Total inflow at boundaries = 12.395 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 14.279 g/sq.ft.
Mass in gas phase = 0.39426 g/sq.ft.
Mass in liquid phase = 1.1698 g/sq.ft.
Mass sorbed = 12.715 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 1.8842 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.36386E-04g/sq.ft.
Diffusion in from atmosphere = -0.28779 g/sq.ft.
Diffusion in from water table = -0.30950E-01g/sq.ft.
Total inflow at boundaries = 1.8842 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 14.279 g/sq.ft.
Advection in from atmosphere = 15.421 g/sq.ft.
Advection in from water table = -0.85059E-04g/sq.ft.
Diffusion in from atmosphere = -1.0331 g/sq.ft.
Diffusion in from water table = -0.10803 g/sq.ft.
Total inflow at boundaries = 14.279 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 16.115 g/sq.ft.
Mass in gas phase = 0.44496 g/sq.ft.
Mass in liquid phase = 1.3202 g/sq.ft.
Mass sorbed = 14.350 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 1.8360 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.50940E-04g/sq.ft.
Diffusion in from atmosphere = -0.33079 g/sq.ft.

Diffusion in from water table = -0.36150E-01g/sq.ft.
Total inflow at boundaries = 1.8360 g/sq.ft.
Mass discrepancy = -0.14305E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.115 g/sq.ft.
Advection in from atmosphere = 17.624 g/sq.ft.
Advection in from water table = -0.13600E-03g/sq.ft.
Diffusion in from atmosphere = -1.3639 g/sq.ft.
Diffusion in from water table = -0.14418 g/sq.ft.
Total inflow at boundaries = 16.115 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 17.904 g/sq.ft.
Mass in gas phase = 0.49435 g/sq.ft.
Mass in liquid phase = 1.4667 g/sq.ft.
Mass sorbed = 15.943 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 1.7890 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.67924E-04g/sq.ft.
Diffusion in from atmosphere = -0.37250 g/sq.ft.
Diffusion in from water table = -0.41353E-01g/sq.ft.
Total inflow at boundaries = 1.7890 g/sq.ft.
Mass discrepancy = -0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.904 g/sq.ft.
Advection in from atmosphere = 19.827 g/sq.ft.
Advection in from water table = -0.20392E-03g/sq.ft.
Diffusion in from atmosphere = -1.7364 g/sq.ft.
Diffusion in from water table = -0.18553 g/sq.ft.
Total inflow at boundaries = 17.904 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 19.648 g/sq.ft.
Mass in gas phase = 0.54249 g/sq.ft.
Mass in liquid phase = 1.6095 g/sq.ft.
Mass sorbed = 17.496 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 1.7434 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.87334E-04g/sq.ft.
Diffusion in from atmosphere = -0.41293 g/sq.ft.
Diffusion in from water table = -0.46556E-01g/sq.ft.
Total inflow at boundaries = 1.7434 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.648 g/sq.ft.
Advection in from atmosphere = 22.030 g/sq.ft.
Advection in from water table = -0.29126E-03g/sq.ft.
Diffusion in from atmosphere = -2.1493 g/sq.ft.
Diffusion in from water table = -0.23209 g/sq.ft.
Total inflow at boundaries = 19.648 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 21.347 g/sq.ft.
Mass in gas phase = 0.58940 g/sq.ft.
Mass in liquid phase = 1.7487 g/sq.ft.
Mass sorbed = 19.009 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 1.6989 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.10917E-03g/sq.ft.
Diffusion in from atmosphere = -0.45215 g/sq.ft.
Diffusion in from water table = -0.51757E-01g/sq.ft.
Total inflow at boundaries = 1.6989 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 21.347 g/sq.ft.
Advection in from atmosphere = 24.233 g/sq.ft.
Advection in from water table = -0.40042E-03g/sq.ft.
Diffusion in from atmosphere = -2.6015 g/sq.ft.
Diffusion in from water table = -0.28385 g/sq.ft.
Total inflow at boundaries = 21.347 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 23.002 g/sq.ft.
Mass in gas phase = 0.63511 g/sq.ft.
Mass in liquid phase = 1.8843 g/sq.ft.
Mass sorbed = 20.483 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 1.6557 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.13341E-03g/sq.ft.
Diffusion in from atmosphere = -0.49018 g/sq.ft.
Diffusion in from water table = -0.56951E-01g/sq.ft.
Total inflow at boundaries = 1.6557 g/sq.ft.
Mass discrepancy = -0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 23.002 g/sq.ft.
Advection in from atmosphere = 26.435 g/sq.ft.
Advection in from water table = -0.53384E-03g/sq.ft.
Diffusion in from atmosphere = -3.0917 g/sq.ft.
Diffusion in from water table = -0.34080 g/sq.ft.
Total inflow at boundaries = 23.002 g/sq.ft.
Mass discrepancy = -0.19073E-05g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 24.616 g/sq.ft.
Mass in gas phase = 0.67966 g/sq.ft.
Mass in liquid phase = 2.0165 g/sq.ft.
Mass sorbed = 21.920 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 1.6136 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.16007E-03g/sq.ft.
Diffusion in from atmosphere = -0.52706 g/sq.ft.
Diffusion in from water table = -0.62137E-01g/sq.ft.
Total inflow at boundaries = 1.6136 g/sq.ft.
Mass discrepancy = 0.34571E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 24.616 g/sq.ft.
Advection in from atmosphere = 28.638 g/sq.ft.
Advection in from water table = -0.69390E-03g/sq.ft.
Diffusion in from atmosphere = -3.6187 g/sq.ft.

Diffusion in from water table = -0.40294 g/sq.ft.
Total inflow at boundaries = 24.616 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 26.189 g/sq.ft.
Mass in gas phase = 0.72309 g/sq.ft.
Mass in liquid phase = 2.1453 g/sq.ft.
Mass sorbed = 23.320 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 1.5726 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.18911E-03g/sq.ft.
Diffusion in from atmosphere = -0.56283 g/sq.ft.
Diffusion in from water table = -0.67313E-01g/sq.ft.
Total inflow at boundaries = 1.5726 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 26.189 g/sq.ft.
Advection in from atmosphere = 30.841 g/sq.ft.
Advection in from water table = -0.88301E-03g/sq.ft.
Diffusion in from atmosphere = -4.1816 g/sq.ft.
Diffusion in from water table = -0.47025 g/sq.ft.
Total inflow at boundaries = 26.189 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 27.721 g/sq.ft.
Mass in gas phase = 0.76541 g/sq.ft.
Mass in liquid phase = 2.2709 g/sq.ft.
Mass sorbed = 24.685 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 1.5327 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.22054E-03g/sq.ft.
Diffusion in from atmosphere = -0.59752 g/sq.ft.
Diffusion in from water table = -0.72475E-01g/sq.ft.
Total inflow at boundaries = 1.5327 g/sq.ft.
Mass discrepancy = -0.23842E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 27.721 g/sq.ft.
Advection in from atmosphere = 33.044 g/sq.ft.
Advection in from water table = -0.11036E-02g/sq.ft.
Diffusion in from atmosphere = -4.7791 g/sq.ft.
Diffusion in from water table = -0.54272 g/sq.ft.
Total inflow at boundaries = 27.721 g/sq.ft.
Mass discrepancy = -0.19073E-05g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 29.215 g/sq.ft.
Mass in gas phase = 0.80665 g/sq.ft.
Mass in liquid phase = 2.3933 g/sq.ft.
Mass sorbed = 26.015 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 1.4939 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.25435E-03g/sq.ft.
Diffusion in from atmosphere = -0.63117 g/sq.ft.
Diffusion in from water table = -0.77622E-01g/sq.ft.
Total inflow at boundaries = 1.4939 g/sq.ft.
Mass discrepancy = 0.48876E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 29.215 g/sq.ft.
Advection in from atmosphere = 35.247 g/sq.ft.
Advection in from water table = -0.13579E-02g/sq.ft.
Diffusion in from atmosphere = -5.4103 g/sq.ft.
Diffusion in from water table = -0.62035 g/sq.ft.
Total inflow at boundaries = 29.215 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 30.671 g/sq.ft.
Mass in gas phase = 0.84686 g/sq.ft.
Mass in liquid phase = 2.5126 g/sq.ft.
Mass sorbed = 27.312 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 1.4561 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.29051E-03g/sq.ft.
Diffusion in from atmosphere = -0.66379 g/sq.ft.

Diffusion in from water table = -0.82752E-01g/sq.ft.
Total inflow at boundaries = 1.4561 g/sq.ft.
Mass discrepancy = -0.60797E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 30.671 g/sq.ft.
Advection in from atmosphere = 37.450 g/sq.ft.
Advection in from water table = -0.16484E-02g/sq.ft.
Diffusion in from atmosphere = -6.0741 g/sq.ft.
Diffusion in from water table = -0.70310 g/sq.ft.
Total inflow at boundaries = 30.671 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 32.091 g/sq.ft.
Mass in gas phase = 0.88605 g/sq.ft.
Mass in liquid phase = 2.6288 g/sq.ft.
Mass sorbed = 28.576 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 1.4193 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.32901E-03g/sq.ft.
Diffusion in from atmosphere = -0.69544 g/sq.ft.
Diffusion in from water table = -0.87862E-01g/sq.ft.
Total inflow at boundaries = 1.4193 g/sq.ft.
Mass discrepancy = 0.30994E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 32.091 g/sq.ft.
Advection in from atmosphere = 39.653 g/sq.ft.
Advection in from water table = -0.19774E-02g/sq.ft.
Diffusion in from atmosphere = -6.7695 g/sq.ft.
Diffusion in from water table = -0.79096 g/sq.ft.
Total inflow at boundaries = 32.091 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 33.474 g/sq.ft.
Mass in gas phase = 0.92425 g/sq.ft.
Mass in liquid phase = 2.7422 g/sq.ft.
Mass sorbed = 29.808 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 1.3835 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.36984E-03g/sq.ft.
Diffusion in from atmosphere = -0.72613 g/sq.ft.
Diffusion in from water table = -0.92950E-01g/sq.ft.
Total inflow at boundaries = 1.3835 g/sq.ft.
Mass discrepancy = 0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 33.474 g/sq.ft.
Advection in from atmosphere = 41.856 g/sq.ft.
Advection in from water table = -0.23473E-02g/sq.ft.
Diffusion in from atmosphere = -7.4956 g/sq.ft.
Diffusion in from water table = -0.88391 g/sq.ft.
Total inflow at boundaries = 33.474 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 34.823 g/sq.ft.
Mass in gas phase = 0.96148 g/sq.ft.
Mass in liquid phase = 2.8526 g/sq.ft.
Mass sorbed = 31.009 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 1.3486 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.41298E-03g/sq.ft.
Diffusion in from atmosphere = -0.75590 g/sq.ft.
Diffusion in from water table = -0.98015E-01g/sq.ft.
Total inflow at boundaries = 1.3486 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 34.823 g/sq.ft.
Advection in from atmosphere = 44.059 g/sq.ft.
Advection in from water table = -0.27602E-02g/sq.ft.
Diffusion in from atmosphere = -8.2515 g/sq.ft.
Diffusion in from water table = -0.98192 g/sq.ft.
Total inflow at boundaries = 34.823 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 36.138 g/sq.ft.
Mass in gas phase = 0.99778 g/sq.ft.
Mass in liquid phase = 2.9603 g/sq.ft.
Mass sorbed = 32.179 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 1.3147 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.45841E-03g/sq.ft.
Diffusion in from atmosphere = -0.78478 g/sq.ft.
Diffusion in from water table = -0.10305 g/sq.ft.
Total inflow at boundaries = 1.3147 g/sq.ft.
Mass discrepancy = 0.22650E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.138 g/sq.ft.
Advection in from atmosphere = 46.262 g/sq.ft.
Advection in from water table = -0.32187E-02g/sq.ft.
Diffusion in from atmosphere = -9.0363 g/sq.ft.
Diffusion in from water table = -1.0850 g/sq.ft.
Total inflow at boundaries = 36.138 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 37.419 g/sq.ft.
Mass in gas phase = 1.0332 g/sq.ft.
Mass in liquid phase = 3.0653 g/sq.ft.
Mass sorbed = 33.321 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 1.2816 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.50611E-03g/sq.ft.
Diffusion in from atmosphere = -0.81278 g/sq.ft.
Diffusion in from water table = -0.10807 g/sq.ft.
Total inflow at boundaries = 1.2816 g/sq.ft.
Mass discrepancy = -0.41723E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.419 g/sq.ft.
Advection in from atmosphere = 48.465 g/sq.ft.
Advection in from water table = -0.37248E-02g/sq.ft.
Diffusion in from atmosphere = -9.8491 g/sq.ft.

Diffusion in from water table = -1.1930 g/sq.ft.
Total inflow at boundaries = 37.419 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 38.669 g/sq.ft.
Mass in gas phase = 1.0677 g/sq.ft.
Mass in liquid phase = 3.1677 g/sq.ft.
Mass sorbed = 34.433 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 1.2494 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.55607E-03g/sq.ft.
Diffusion in from atmosphere = -0.83995 g/sq.ft.
Diffusion in from water table = -0.11305 g/sq.ft.
Total inflow at boundaries = 1.2494 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.669 g/sq.ft.
Advection in from atmosphere = 50.668 g/sq.ft.
Advection in from water table = -0.42808E-02g/sq.ft.
Diffusion in from atmosphere = -10.689 g/sq.ft.
Diffusion in from water table = -1.3061 g/sq.ft.
Total inflow at boundaries = 38.669 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 24.00, total mass in vadose zone = 39.887 g/sq.ft.
Mass in gas phase = 1.1013 g/sq.ft.
Mass in liquid phase = 3.2675 g/sq.ft.
Mass sorbed = 35.518 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 1.2180 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.60826E-03g/sq.ft.
Diffusion in from atmosphere = -0.86630 g/sq.ft.
Diffusion in from water table = -0.11801 g/sq.ft.
Total inflow at boundaries = 1.2180 g/sq.ft.
Mass discrepancy = 0.22650E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.887 g/sq.ft.
Advection in from atmosphere = 52.871 g/sq.ft.
Advection in from water table = -0.48891E-02g/sq.ft.
Diffusion in from atmosphere = -11.555 g/sq.ft.
Diffusion in from water table = -1.4241 g/sq.ft.
Total inflow at boundaries = 39.887 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Polygon 1
At time = 25.00, total mass in vadose zone = 41.074 g/sq.ft.
Mass in gas phase = 1.1341 g/sq.ft.
Mass in liquid phase = 3.3647 g/sq.ft.
Mass sorbed = 36.575 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 1.1875 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.66267E-03g/sq.ft.
Diffusion in from atmosphere = -0.89186 g/sq.ft.
Diffusion in from water table = -0.12293 g/sq.ft.
Total inflow at boundaries = 1.1875 g/sq.ft.
Mass discrepancy = 0.56028E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 41.074 g/sq.ft.
Advection in from atmosphere = 55.074 g/sq.ft.
Advection in from water table = -0.55518E-02g/sq.ft.
Diffusion in from atmosphere = -12.447 g/sq.ft.
Diffusion in from water table = -1.5470 g/sq.ft.
Total inflow at boundaries = 41.074 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Polygon 1
At time = 26.00, total mass in vadose zone = 42.232 g/sq.ft.
Mass in gas phase = 1.1660 g/sq.ft.
Mass in liquid phase = 3.4596 g/sq.ft.
Mass sorbed = 37.606 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 1.1578 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.71927E-03g/sq.ft.
Diffusion in from atmosphere = -0.91665 g/sq.ft.

Diffusion in from water table = -0.12782 g/sq.ft.
Total inflow at boundaries = 1.1578 g/sq.ft.
Mass discrepancy = -0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 42.232 g/sq.ft.
Advection in from atmosphere = 57.277 g/sq.ft.
Advection in from water table = -0.62710E-02g/sq.ft.
Diffusion in from atmosphere = -13.364 g/sq.ft.
Diffusion in from water table = -1.6749 g/sq.ft.
Total inflow at boundaries = 42.232 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 43.361 g/sq.ft.
Mass in gas phase = 1.1972 g/sq.ft.
Mass in liquid phase = 3.5520 g/sq.ft.
Mass sorbed = 38.611 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 1.1288 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.77804E-03g/sq.ft.
Diffusion in from atmosphere = -0.94070 g/sq.ft.
Diffusion in from water table = -0.13268 g/sq.ft.
Total inflow at boundaries = 1.1288 g/sq.ft.
Mass discrepancy = -0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 43.361 g/sq.ft.
Advection in from atmosphere = 59.480 g/sq.ft.
Advection in from water table = -0.70491E-02g/sq.ft.
Diffusion in from atmosphere = -14.305 g/sq.ft.
Diffusion in from water table = -1.8075 g/sq.ft.
Total inflow at boundaries = 43.361 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 44.461 g/sq.ft.
Mass in gas phase = 1.2276 g/sq.ft.
Mass in liquid phase = 3.6422 g/sq.ft.
Mass sorbed = 39.591 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 1.1006 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.83895E-03g/sq.ft.
Diffusion in from atmosphere = -0.96402 g/sq.ft.
Diffusion in from water table = -0.13750 g/sq.ft.
Total inflow at boundaries = 1.1006 g/sq.ft.
Mass discrepancy = 0.58413E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 44.461 g/sq.ft.
Advection in from atmosphere = 61.683 g/sq.ft.
Advection in from water table = -0.78880E-02g/sq.ft.
Diffusion in from atmosphere = -15.269 g/sq.ft.
Diffusion in from water table = -1.9450 g/sq.ft.
Total inflow at boundaries = 44.461 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 45.534 g/sq.ft.
Mass in gas phase = 1.2572 g/sq.ft.
Mass in liquid phase = 3.7301 g/sq.ft.
Mass sorbed = 40.547 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 1.0731 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.90200E-03g/sq.ft.
Diffusion in from atmosphere = -0.98665 g/sq.ft.
Diffusion in from water table = -0.14229 g/sq.ft.
Total inflow at boundaries = 1.0731 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 45.534 g/sq.ft.
Advection in from atmosphere = 63.886 g/sq.ft.
Advection in from water table = -0.87900E-02g/sq.ft.
Diffusion in from atmosphere = -16.255 g/sq.ft.
Diffusion in from water table = -2.0873 g/sq.ft.
Total inflow at boundaries = 45.534 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 46.581 g/sq.ft.
Mass in gas phase = 1.2861 g/sq.ft.
Mass in liquid phase = 3.8158 g/sq.ft.
Mass sorbed = 41.479 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 1.0464 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.96715E-03g/sq.ft.
Diffusion in from atmosphere = -1.0086 g/sq.ft.
Diffusion in from water table = -0.14704 g/sq.ft.
Total inflow at boundaries = 1.0463 g/sq.ft.
Mass discrepancy = 0.46492E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 46.581 g/sq.ft.
Advection in from atmosphere = 66.089 g/sq.ft.
Advection in from water table = -0.97572E-02g/sq.ft.
Diffusion in from atmosphere = -17.264 g/sq.ft.
Diffusion in from water table = -2.2344 g/sq.ft.
Total inflow at boundaries = 46.581 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 47.601 g/sq.ft.
Mass in gas phase = 1.3143 g/sq.ft.
Mass in liquid phase = 3.8994 g/sq.ft.
Mass sorbed = 42.387 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 1.0203 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.10344E-02g/sq.ft.
Diffusion in from atmosphere = -1.0299 g/sq.ft.
Diffusion in from water table = -0.15175 g/sq.ft.
Total inflow at boundaries = 1.0203 g/sq.ft.
Mass discrepancy = -0.35763E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 47.601 g/sq.ft.
Advection in from atmosphere = 68.292 g/sq.ft.
Advection in from water table = -0.10792E-01g/sq.ft.

Diffusion in from atmosphere = -18.294 g/sq.ft.
Diffusion in from water table = -2.3861 g/sq.ft.
Total inflow at boundaries = 47.601 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 48.596 g/sq.ft.
Mass in gas phase = 1.3418 g/sq.ft.
Mass in liquid phase = 3.9809 g/sq.ft.
Mass sorbed = 43.273 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.99488 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.11037E-02g/sq.ft.
Diffusion in from atmosphere = -1.0506 g/sq.ft.
Diffusion in from water table = -0.15642 g/sq.ft.
Total inflow at boundaries = 0.99488 g/sq.ft.
Mass discrepancy = 0.51260E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 48.596 g/sq.ft.
Advection in from atmosphere = 70.495 g/sq.ft.
Advection in from water table = -0.11895E-01g/sq.ft.
Diffusion in from atmosphere = -19.344 g/sq.ft.
Diffusion in from water table = -2.5425 g/sq.ft.
Total inflow at boundaries = 48.596 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 49.566 g/sq.ft.
Mass in gas phase = 1.3685 g/sq.ft.
Mass in liquid phase = 4.0604 g/sq.ft.
Mass sorbed = 44.137 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.97013 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.11750E-02g/sq.ft.
Diffusion in from atmosphere = -1.0706 g/sq.ft.
Diffusion in from water table = -0.16105 g/sq.ft.
Total inflow at boundaries = 0.97013 g/sq.ft.

Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 49.566 g/sq.ft.
Advection in from atmosphere = 72.697 g/sq.ft.
Advection in from water table = -0.13070E-01g/sq.ft.
Diffusion in from atmosphere = -20.415 g/sq.ft.
Diffusion in from water table = -2.7036 g/sq.ft.
Total inflow at boundaries = 49.566 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 50.512 g/sq.ft.
Mass in gas phase = 1.3947 g/sq.ft.
Mass in liquid phase = 4.1379 g/sq.ft.
Mass sorbed = 44.979 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.94602 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.12483E-02g/sq.ft.
Diffusion in from atmosphere = -1.0900 g/sq.ft.
Diffusion in from water table = -0.16564 g/sq.ft.
Total inflow at boundaries = 0.94603 g/sq.ft.
Mass discrepancy = -0.32187E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 50.512 g/sq.ft.
Advection in from atmosphere = 74.900 g/sq.ft.
Advection in from water table = -0.14318E-01g/sq.ft.
Diffusion in from atmosphere = -21.505 g/sq.ft.
Diffusion in from water table = -2.8692 g/sq.ft.
Total inflow at boundaries = 50.512 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 51.435 g/sq.ft.
Mass in gas phase = 1.4201 g/sq.ft.
Mass in liquid phase = 4.2134 g/sq.ft.
Mass sorbed = 45.801 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.92254 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.13236E-02g/sq.ft.
Diffusion in from atmosphere = -1.1089 g/sq.ft.
Diffusion in from water table = -0.17019 g/sq.ft.
Total inflow at boundaries = 0.92254 g/sq.ft.
Mass discrepancy = 0.59605E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 51.435 g/sq.ft.
Advection in from atmosphere = 77.103 g/sq.ft.
Advection in from water table = -0.15642E-01g/sq.ft.
Diffusion in from atmosphere = -22.614 g/sq.ft.
Diffusion in from water table = -3.0394 g/sq.ft.
Total inflow at boundaries = 51.435 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 52.334 g/sq.ft.
Mass in gas phase = 1.4450 g/sq.ft.
Mass in liquid phase = 4.2871 g/sq.ft.
Mass sorbed = 46.602 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.89965 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.14009E-02g/sq.ft.
Diffusion in from atmosphere = -1.1272 g/sq.ft.
Diffusion in from water table = -0.17470 g/sq.ft.
Total inflow at boundaries = 0.89966 g/sq.ft.
Mass discrepancy = -0.77486E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 52.334 g/sq.ft.
Advection in from atmosphere = 79.306 g/sq.ft.
Advection in from water table = -0.17043E-01g/sq.ft.
Diffusion in from atmosphere = -23.741 g/sq.ft.
Diffusion in from water table = -3.2141 g/sq.ft.
Total inflow at boundaries = 52.334 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 53.212 g/sq.ft.
Mass in gas phase = 1.4692 g/sq.ft.
Mass in liquid phase = 4.3590 g/sq.ft.
Mass sorbed = 47.383 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.87737 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.14801E-02g/sq.ft.
Diffusion in from atmosphere = -1.1449 g/sq.ft.
Diffusion in from water table = -0.17917 g/sq.ft.
Total inflow at boundaries = 0.87736 g/sq.ft.
Mass discrepancy = 0.67353E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 53.212 g/sq.ft.
Advection in from atmosphere = 81.509 g/sq.ft.
Advection in from water table = -0.18523E-01g/sq.ft.
Diffusion in from atmosphere = -24.886 g/sq.ft.
Diffusion in from water table = -3.3933 g/sq.ft.
Total inflow at boundaries = 53.212 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 54.067 g/sq.ft.
Mass in gas phase = 1.4928 g/sq.ft.
Mass in liquid phase = 4.4291 g/sq.ft.
Mass sorbed = 48.145 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.85563 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.15612E-02g/sq.ft.
Diffusion in from atmosphere = -1.1622 g/sq.ft.
Diffusion in from water table = -0.18359 g/sq.ft.
Total inflow at boundaries = 0.85563 g/sq.ft.
Mass discrepancy = 0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 54.067 g/sq.ft.
Advection in from atmosphere = 83.712 g/sq.ft.
Advection in from water table = -0.20084E-01g/sq.ft.

Diffusion in from atmosphere = -26.048 g/sq.ft.
Diffusion in from water table = -3.5769 g/sq.ft.
Total inflow at boundaries = 54.067 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 54.902 g/sq.ft.
Mass in gas phase = 1.5159 g/sq.ft.
Mass in liquid phase = 4.4975 g/sq.ft.
Mass sorbed = 48.888 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.83446 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.16441E-02g/sq.ft.
Diffusion in from atmosphere = -1.1789 g/sq.ft.
Diffusion in from water table = -0.18797 g/sq.ft.
Total inflow at boundaries = 0.83446 g/sq.ft.
Mass discrepancy = -0.36359E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 54.902 g/sq.ft.
Advection in from atmosphere = 85.915 g/sq.ft.
Advection in from water table = -0.21728E-01g/sq.ft.
Diffusion in from atmosphere = -27.227 g/sq.ft.
Diffusion in from water table = -3.7648 g/sq.ft.
Total inflow at boundaries = 54.902 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 55.715 g/sq.ft.
Mass in gas phase = 1.5383 g/sq.ft.
Mass in liquid phase = 4.5641 g/sq.ft.
Mass sorbed = 49.613 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.81383 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.17290E-02g/sq.ft.
Diffusion in from atmosphere = -1.1951 g/sq.ft.
Diffusion in from water table = -0.19230 g/sq.ft.
Total inflow at boundaries = 0.81383 g/sq.ft.

Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 55.715 g/sq.ft.
Advection in from atmosphere = 88.118 g/sq.ft.
Advection in from water table = -0.23457E-01g/sq.ft.
Diffusion in from atmosphere = -28.422 g/sq.ft.
Diffusion in from water table = -3.9571 g/sq.ft.
Total inflow at boundaries = 55.715 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 56.509 g/sq.ft.
Mass in gas phase = 1.5603 g/sq.ft.
Mass in liquid phase = 4.6292 g/sq.ft.
Mass sorbed = 50.320 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.79373 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.18156E-02g/sq.ft.
Diffusion in from atmosphere = -1.2108 g/sq.ft.
Diffusion in from water table = -0.19659 g/sq.ft.
Total inflow at boundaries = 0.79373 g/sq.ft.
Mass discrepancy = 0.27418E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 56.509 g/sq.ft.
Advection in from atmosphere = 90.321 g/sq.ft.
Advection in from water table = -0.25273E-01g/sq.ft.
Diffusion in from atmosphere = -29.633 g/sq.ft.
Diffusion in from water table = -4.1537 g/sq.ft.
Total inflow at boundaries = 56.509 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 57.283 g/sq.ft.
Mass in gas phase = 1.5816 g/sq.ft.
Mass in liquid phase = 4.6926 g/sq.ft.
Mass sorbed = 51.009 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.77414 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.19041E-02g/sq.ft.
Diffusion in from atmosphere = -1.2261 g/sq.ft.
Diffusion in from water table = -0.20084 g/sq.ft.
Total inflow at boundaries = 0.77413 g/sq.ft.
Mass discrepancy = 0.79870E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 57.283 g/sq.ft.
Advection in from atmosphere = 92.524 g/sq.ft.
Advection in from water table = -0.27177E-01g/sq.ft.
Diffusion in from atmosphere = -30.859 g/sq.ft.
Diffusion in from water table = -4.3546 g/sq.ft.
Total inflow at boundaries = 57.283 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 58.038 g/sq.ft.
Mass in gas phase = 1.6025 g/sq.ft.
Mass in liquid phase = 4.7544 g/sq.ft.
Mass sorbed = 51.681 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.75503 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.19943E-02g/sq.ft.
Diffusion in from atmosphere = -1.2409 g/sq.ft.
Diffusion in from water table = -0.20504 g/sq.ft.
Total inflow at boundaries = 0.75504 g/sq.ft.
Mass discrepancy = -0.39339E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 58.038 g/sq.ft.
Advection in from atmosphere = 94.727 g/sq.ft.
Advection in from water table = -0.29171E-01g/sq.ft.
Diffusion in from atmosphere = -32.100 g/sq.ft.
Diffusion in from water table = -4.5596 g/sq.ft.
Total inflow at boundaries = 58.038 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 58.775 g/sq.ft.
Mass in gas phase = 1.6228 g/sq.ft.
Mass in liquid phase = 4.8147 g/sq.ft.
Mass sorbed = 52.337 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.73643 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.20863E-02g/sq.ft.
Diffusion in from atmosphere = -1.2552 g/sq.ft.
Diffusion in from water table = -0.20920 g/sq.ft.
Total inflow at boundaries = 0.73642 g/sq.ft.
Mass discrepancy = 0.37551E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 58.775 g/sq.ft.
Advection in from atmosphere = 96.930 g/sq.ft.
Advection in from water table = -0.31258E-01g/sq.ft.
Diffusion in from atmosphere = -33.355 g/sq.ft.
Diffusion in from water table = -4.7688 g/sq.ft.
Total inflow at boundaries = 58.775 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 59.493 g/sq.ft.
Mass in gas phase = 1.6426 g/sq.ft.
Mass in liquid phase = 4.8736 g/sq.ft.
Mass sorbed = 52.977 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.71828 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.21799E-02g/sq.ft.
Diffusion in from atmosphere = -1.2692 g/sq.ft.
Diffusion in from water table = -0.21330 g/sq.ft.
Total inflow at boundaries = 0.71828 g/sq.ft.
Mass discrepancy = 0.15497E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 59.493 g/sq.ft.
Advection in from atmosphere = 99.133 g/sq.ft.
Advection in from water table = -0.33437E-01g/sq.ft.

Diffusion in from atmosphere = -34.624 g/sq.ft.
Diffusion in from water table = -4.9821 g/sq.ft.
Total inflow at boundaries = 59.493 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 60.194 g/sq.ft.
Mass in gas phase = 1.6620 g/sq.ft.
Mass in liquid phase = 4.9310 g/sq.ft.
Mass sorbed = 53.601 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.70060 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.22753E-02g/sq.ft.
Diffusion in from atmosphere = -1.2827 g/sq.ft.
Diffusion in from water table = -0.21737 g/sq.ft.
Total inflow at boundaries = 0.70060 g/sq.ft.
Mass discrepancy = 0.22650E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 60.194 g/sq.ft.
Advection in from atmosphere = 101.34 g/sq.ft.
Advection in from water table = -0.35713E-01g/sq.ft.
Diffusion in from atmosphere = -35.907 g/sq.ft.
Diffusion in from water table = -5.1995 g/sq.ft.
Total inflow at boundaries = 60.194 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 60.877 g/sq.ft.
Mass in gas phase = 1.6809 g/sq.ft.
Mass in liquid phase = 4.9870 g/sq.ft.
Mass sorbed = 54.209 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.68336 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.23723E-02g/sq.ft.
Diffusion in from atmosphere = -1.2958 g/sq.ft.
Diffusion in from water table = -0.22138 g/sq.ft.
Total inflow at boundaries = 0.68337 g/sq.ft.

Mass discrepancy = -0.48876E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 60.877 g/sq.ft.
Advection in from atmosphere = 103.54 g/sq.ft.
Advection in from water table = -0.38085E-01g/sq.ft.
Diffusion in from atmosphere = -37.203 g/sq.ft.
Diffusion in from water table = -5.4209 g/sq.ft.
Total inflow at boundaries = 60.877 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 61.544 g/sq.ft.
Mass in gas phase = 1.6993 g/sq.ft.
Mass in liquid phase = 5.0416 g/sq.ft.
Mass sorbed = 54.803 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.66657 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.24710E-02g/sq.ft.
Diffusion in from atmosphere = -1.3086 g/sq.ft.
Diffusion in from water table = -0.22535 g/sq.ft.
Total inflow at boundaries = 0.66657 g/sq.ft.
Mass discrepancy = 0.33379E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 61.544 g/sq.ft.
Advection in from atmosphere = 105.74 g/sq.ft.
Advection in from water table = -0.40556E-01g/sq.ft.
Diffusion in from atmosphere = -38.511 g/sq.ft.
Diffusion in from water table = -5.6462 g/sq.ft.
Total inflow at boundaries = 61.544 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 62.194 g/sq.ft.
Mass in gas phase = 1.7172 g/sq.ft.
Mass in liquid phase = 5.0948 g/sq.ft.
Mass sorbed = 55.382 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.65019 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.25712E-02g/sq.ft.
Diffusion in from atmosphere = -1.3209 g/sq.ft.
Diffusion in from water table = -0.22928 g/sq.ft.
Total inflow at boundaries = 0.65019 g/sq.ft.
Mass discrepancy = 0.46492E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 62.194 g/sq.ft.
Advection in from atmosphere = 107.94 g/sq.ft.
Advection in from water table = -0.43127E-01g/sq.ft.
Diffusion in from atmosphere = -39.832 g/sq.ft.
Diffusion in from water table = -5.8755 g/sq.ft.
Total inflow at boundaries = 62.194 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 62.828 g/sq.ft.
Mass in gas phase = 1.7347 g/sq.ft.
Mass in liquid phase = 5.1468 g/sq.ft.
Mass sorbed = 55.947 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.63423 g/sq.ft.
Advection in from atmosphere = 2.2030 g/sq.ft.
Advection in from water table = -0.26730E-02g/sq.ft.
Diffusion in from atmosphere = -1.3329 g/sq.ft.
Diffusion in from water table = -0.23316 g/sq.ft.
Total inflow at boundaries = 0.63422 g/sq.ft.
Mass discrepancy = 0.97752E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 62.828 g/sq.ft.
Advection in from atmosphere = 110.15 g/sq.ft.
Advection in from water table = -0.45800E-01g/sq.ft.
Diffusion in from atmosphere = -41.165 g/sq.ft.
Diffusion in from water table = -6.1086 g/sq.ft.
Total inflow at boundaries = 62.828 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.17311E-07	0.22331E-04
2.00	0.51102E-02	6.5922
3.00	0.10247E-01	13.219
4.00	0.15407E-01	19.875
5.00	0.20586E-01	26.556
6.00	0.25780E-01	33.256
7.00	0.30986E-01	39.972
8.00	0.36201E-01	46.699
9.00	0.41421E-01	53.433
10.00	0.46644E-01	60.170
11.00	0.51866E-01	66.907
12.00	0.57085E-01	73.639
13.00	0.62298E-01	80.364
14.00	0.67502E-01	87.078
15.00	0.72696E-01	93.778
16.00	0.77877E-01	100.46
17.00	0.83042E-01	107.12
18.00	0.88191E-01	113.77
19.00	0.93320E-01	120.38
20.00	0.98428E-01	126.97
21.00	0.10351	133.53
22.00	0.10857	140.06
23.00	0.11361	146.55
24.00	0.11861	153.01
25.00	0.12359	159.43
26.00	0.12854	165.82
27.00	0.13346	172.16
28.00	0.13834	178.46
29.00	0.14319	184.71
30.00	0.14800	190.92
31.00	0.15278	197.09
32.00	0.15752	203.20
33.00	0.16223	209.27
34.00	0.16689	215.29
35.00	0.17152	221.26
36.00	0.17610	227.17
37.00	0.18065	233.03
38.00	0.18515	238.84
39.00	0.18961	244.60
40.00	0.19403	250.30
41.00	0.19841	255.95

42.00	0.20274	261.54
43.00	0.20703	267.07
44.00	0.21128	272.55
45.00	0.21548	277.97
46.00	0.21964	283.34
47.00	0.22376	288.65
48.00	0.22783	293.89
49.00	0.23185	299.09
50.00	0.23583	304.22

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.22331E-04	0.22331E-04
2.00	6.5922	6.5922
3.00	13.219	19.811
4.00	19.875	39.686
5.00	26.556	66.242
6.00	33.256	99.498
7.00	39.972	139.47
8.00	46.699	186.17
9.00	53.433	239.60
10.00	60.170	299.77
11.00	66.907	366.68
12.00	73.639	440.32
13.00	80.364	520.68
14.00	87.078	607.76
15.00	93.778	701.54
16.00	100.46	802.00
17.00	107.12	909.12
18.00	113.77	1022.9
19.00	120.38	1143.3
20.00	126.97	1270.2
21.00	133.53	1403.8
22.00	140.06	1543.8
23.00	146.55	1690.4
24.00	153.01	1843.4
25.00	159.43	2002.8
26.00	165.82	2168.7
27.00	172.16	2340.8
28.00	178.46	2519.3
29.00	184.71	2704.0

30.00	190.92	2894.9
31.00	197.09	3092.0
32.00	203.20	3295.2
33.00	209.27	3504.5
34.00	215.29	3719.8
35.00	221.26	3941.0
36.00	227.17	4168.2
37.00	233.03	4401.2
38.00	238.84	4640.1
39.00	244.60	4884.7
40.00	250.30	5135.0
41.00	255.95	5390.9
42.00	261.54	5652.4
43.00	267.07	5919.5
44.00	272.55	6192.1
45.00	277.97	6470.1
46.00	283.34	6753.4
47.00	288.65	7042.0
48.00	293.89	7335.9
49.00	299.09	7635.0
50.00	304.22	7939.2

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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                   (USEPA Contractors)                       |
 |         Center for Subsurface Modeling Support              |
 |         Robert S. Kerr Environmental Research Laboratory    |
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 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
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Polygon1

Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000

7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.10645	0.33161	0.15716E-04
2	0.16469E-01	0.51306E-01	0.24315E-05
3	0.25480E-02	0.79377E-02	0.37619E-06
4	0.39422E-03	0.12281E-02	0.58201E-07
5	0.60991E-04	0.19000E-03	0.90046E-08
6	0.94362E-05	0.29396E-04	0.13931E-08
7	0.14599E-05	0.45480E-05	0.21554E-09
8	0.22587E-06	0.70365E-06	0.33347E-10
9	0.34946E-07	0.10886E-06	0.51593E-11
10	0.54066E-08	0.16843E-07	0.79822E-12

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20730	0.64579	0.30605E-04
2	0.34386E-01	0.10712	0.50768E-05
3	0.57018E-02	0.17762E-01	0.84180E-06
4	0.96109E-03	0.29940E-02	0.14189E-06
5	0.17737E-03	0.55256E-03	0.26187E-07
6	0.45125E-04	0.14057E-03	0.66621E-08
7	0.19920E-04	0.62057E-04	0.29410E-08
8	0.12379E-04	0.38562E-04	0.18275E-08
9	0.78354E-05	0.24409E-04	0.11568E-08
10	0.38564E-05	0.12014E-04	0.56935E-09

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.30284	0.94344	0.44712E-04
2	0.53555E-01	0.16684	0.79068E-05
3	0.94416E-02	0.29413E-01	0.13939E-05
4	0.17064E-02	0.53160E-02	0.25194E-06
5	0.35228E-03	0.10974E-02	0.52010E-07
6	0.10786E-03	0.33601E-03	0.15924E-07
7	0.55432E-04	0.17269E-03	0.81840E-08
8	0.36378E-04	0.11333E-03	0.53709E-08

9	0.23359E-04	0.72769E-04	0.34487E-08
10	0.11585E-04	0.36092E-04	0.17105E-08

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.39337	1.2254	0.58076E-04
2	0.73795E-01	0.22989	0.10895E-04
3	0.13746E-01	0.42821E-01	0.20294E-05
4	0.26348E-02	0.82081E-02	0.38900E-06
5	0.58864E-03	0.18338E-02	0.86907E-07
6	0.19844E-03	0.61818E-03	0.29297E-07
7	0.10806E-03	0.33663E-03	0.15954E-07
8	0.72147E-04	0.22476E-03	0.10652E-07
9	0.46558E-04	0.14504E-03	0.68737E-08
10	0.23220E-04	0.72335E-04	0.34281E-08

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.47913	1.4926	0.70738E-04
2	0.94940E-01	0.29576	0.14017E-04
3	0.18590E-01	0.57913E-01	0.27446E-05
4	0.37495E-02	0.11681E-01	0.55357E-06
5	0.88918E-03	0.27700E-02	0.13128E-06
6	0.31766E-03	0.98958E-03	0.46898E-07
7	0.17787E-03	0.55412E-03	0.26261E-07
8	0.11960E-03	0.37260E-03	0.17658E-07
9	0.77381E-04	0.24106E-03	0.11424E-07
10	0.38780E-04	0.12081E-03	0.57254E-08

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.56039	1.7458	0.82735E-04
2	0.11684	0.36399	0.17250E-04
3	0.23950E-01	0.74611E-01	0.35359E-05
4	0.50529E-02	0.15741E-01	0.74600E-06
5	0.12564E-02	0.39139E-02	0.18549E-06
6	0.46631E-03	0.14527E-02	0.68845E-07
7	0.26496E-03	0.82542E-03	0.39118E-07
8	0.17868E-03	0.55662E-03	0.26379E-07
9	0.11577E-03	0.36067E-03	0.17093E-07
10	0.58283E-04	0.18157E-03	0.86048E-08

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.63738	1.9856	0.94101E-04
2	0.13936	0.43415	0.20575E-04
3	0.29799E-01	0.92832E-01	0.43995E-05
4	0.65461E-02	0.20393E-01	0.96645E-06
5	0.16925E-02	0.52725E-02	0.24987E-06
6	0.64517E-03	0.20099E-02	0.95251E-07
7	0.36941E-03	0.11508E-02	0.54538E-07
8	0.24928E-03	0.77659E-03	0.36804E-07
9	0.16168E-03	0.50367E-03	0.23870E-07
10	0.81741E-04	0.25464E-03	0.12068E-07

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.71032	2.2128	0.10487E-03
2	0.16238	0.50585	0.23973E-04
3	0.36110E-01	0.11249	0.53313E-05
4	0.82293E-02	0.25636E-01	0.12150E-05
5	0.21994E-02	0.68519E-02	0.32472E-06
6	0.85497E-03	0.26635E-02	0.12623E-06
7	0.49131E-03	0.15306E-02	0.72536E-07
8	0.33136E-03	0.10323E-02	0.48921E-07
9	0.21503E-03	0.66988E-03	0.31747E-07
10	0.10916E-03	0.34006E-03	0.16116E-07

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.77943	2.4281	0.11507E-03
2	0.18577	0.57873	0.27427E-04
3	0.42856E-01	0.13351	0.63272E-05
4	0.10102E-01	0.31470E-01	0.14914E-05
5	0.27791E-02	0.86575E-02	0.41030E-06
6	0.10965E-02	0.34157E-02	0.16188E-06
7	0.63077E-03	0.19650E-02	0.93127E-07
8	0.42482E-03	0.13234E-02	0.62720E-07
9	0.27577E-03	0.85911E-03	0.40715E-07
10	0.14054E-03	0.43783E-03	0.20749E-07

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.84491	2.6321	0.12474E-03
2	0.20944	0.65247	0.30922E-04
3	0.50009E-01	0.15579	0.73833E-05
4	0.12162E-01	0.37889E-01	0.17956E-05
5	0.34328E-02	0.10694E-01	0.50681E-06
6	0.13703E-02	0.42688E-02	0.20231E-06
7	0.78790E-03	0.24545E-02	0.11633E-06
8	0.52960E-03	0.16498E-02	0.78190E-07
9	0.34384E-03	0.10711E-02	0.50764E-07
10	0.17589E-03	0.54794E-03	0.25968E-07

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.90695	2.8254	0.13390E-03
2	0.23330	0.72680	0.34444E-04
3	0.57541E-01	0.17926	0.84953E-05
4	0.14408E-01	0.44885E-01	0.21272E-05
5	0.41619E-02	0.12965E-01	0.61445E-06
6	0.16771E-02	0.52247E-02	0.24761E-06
7	0.96280E-03	0.29994E-02	0.14215E-06
8	0.64564E-03	0.20113E-02	0.95321E-07
9	0.41915E-03	0.13058E-02	0.61883E-07
10	0.21519E-03	0.67038E-03	0.31771E-07

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.96574	3.0085	0.14258E-03
2	0.25726	0.80144	0.37982E-04
3	0.65424E-01	0.20381	0.96591E-05
4	0.16837E-01	0.52451E-01	0.24857E-05
5	0.49673E-02	0.15474E-01	0.73336E-06
6	0.20176E-02	0.62852E-02	0.29787E-06
7	0.11556E-02	0.35999E-02	0.17061E-06
8	0.77286E-03	0.24077E-02	0.11410E-06
9	0.50166E-03	0.15628E-02	0.74064E-07
10	0.25845E-03	0.80513E-03	0.38157E-07

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0214	3.1820	0.15080E-03
2	0.28124	0.87615	0.41523E-04
3	0.73631E-01	0.22938	0.10871E-04
4	0.19444E-01	0.60573E-01	0.28707E-05
5	0.58497E-02	0.18223E-01	0.86365E-06
6	0.23921E-02	0.74521E-02	0.35317E-06
7	0.13663E-02	0.42565E-02	0.20172E-06
8	0.91120E-03	0.28386E-02	0.13453E-06
9	0.59128E-03	0.18420E-02	0.87296E-07
10	0.30564E-03	0.95216E-03	0.45125E-07

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0742	3.3465	0.15860E-03
2	0.30519	0.95073	0.45057E-04
3	0.82134E-01	0.25587	0.12126E-04
4	0.22226E-01	0.69240E-01	0.32814E-05
5	0.68098E-02	0.21214E-01	0.10054E-05
6	0.28014E-02	0.87270E-02	0.41359E-06
7	0.15952E-02	0.49694E-02	0.23551E-06
8	0.10606E-02	0.33040E-02	0.15658E-06
9	0.68795E-03	0.21431E-02	0.10157E-06
10	0.35676E-03	0.11114E-02	0.52672E-07

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1242	3.5023	0.16598E-03
2	0.32902	1.0250	0.48576E-04
3	0.90907E-01	0.28320	0.13421E-04
4	0.25178E-01	0.78436E-01	0.37173E-05
5	0.78476E-02	0.24447E-01	0.11586E-05
6	0.32457E-02	0.10111E-01	0.47918E-06
7	0.18422E-02	0.57388E-02	0.27198E-06
8	0.12210E-02	0.38037E-02	0.18026E-06
9	0.79159E-03	0.24660E-02	0.11687E-06
10	0.41179E-03	0.12828E-02	0.60796E-07

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1716	3.6499	0.17297E-03
2	0.35270	1.0988	0.52072E-04
3	0.99924E-01	0.31129	0.14753E-04
4	0.28295E-01	0.88146E-01	0.41774E-05
5	0.89632E-02	0.27923E-01	0.13233E-05
6	0.37254E-02	0.11606E-01	0.55001E-06
7	0.21074E-02	0.65652E-02	0.31114E-06
8	0.13923E-02	0.43374E-02	0.20556E-06
9	0.90213E-03	0.28104E-02	0.13319E-06
10	0.47071E-03	0.14664E-02	0.69494E-07

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2165	3.7897	0.17960E-03
2	0.37617	1.1719	0.55538E-04
3	0.10916	0.34006	0.16116E-04
4	0.31571E-01	0.98351E-01	0.46611E-05
5	0.10156E-01	0.31640E-01	0.14995E-05
6	0.42409E-02	0.13212E-01	0.62613E-06
7	0.23910E-02	0.74487E-02	0.35301E-06
8	0.15745E-02	0.49050E-02	0.23246E-06
9	0.10195E-02	0.31760E-02	0.15052E-06
10	0.53349E-03	0.16620E-02	0.78764E-07

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2591	3.9223	0.18589E-03
2	0.39940	1.2442	0.58967E-04
3	0.11859	0.36944	0.17508E-04
4	0.35000E-01	0.10903	0.51673E-05
5	0.11427E-01	0.35597E-01	0.16870E-05
6	0.47925E-02	0.14930E-01	0.70756E-06
7	0.26931E-02	0.83896E-02	0.39760E-06
8	0.17675E-02	0.55062E-02	0.26095E-06
9	0.11436E-02	0.35628E-02	0.16885E-06
10	0.60012E-03	0.18695E-02	0.88601E-07

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2994	4.0479	0.19184E-03
2	0.42233	1.3157	0.62353E-04
3	0.12819	0.39934	0.18926E-04
4	0.38576E-01	0.12017	0.56953E-05
5	0.12774E-01	0.39793E-01	0.18859E-05
6	0.53803E-02	0.16761E-01	0.79434E-06
7	0.30135E-02	0.93880E-02	0.44492E-06
8	0.19713E-02	0.61410E-02	0.29103E-06
9	0.12745E-02	0.39703E-02	0.18816E-06
10	0.67057E-03	0.20890E-02	0.99002E-07

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3376	4.1669	0.19748E-03
2	0.44495	1.3861	0.65692E-04
3	0.13794	0.42971	0.20365E-04
4	0.42293E-01	0.13175	0.62441E-05
5	0.14196E-01	0.44225E-01	0.20959E-05
6	0.60044E-02	0.18705E-01	0.88648E-06
7	0.33526E-02	0.10444E-01	0.49497E-06
8	0.21857E-02	0.68090E-02	0.32269E-06
9	0.14119E-02	0.43984E-02	0.20845E-06
10	0.74481E-03	0.23203E-02	0.10996E-06

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3738	4.2797	0.20282E-03
2	0.46721	1.4555	0.68979E-04
3	0.14781	0.46046	0.21822E-04
4	0.46143E-01	0.14375	0.68125E-05
5	0.15693E-01	0.48889E-01	0.23170E-05
6	0.66649E-02	0.20763E-01	0.98400E-06
7	0.37101E-02	0.11558E-01	0.54776E-06
8	0.24108E-02	0.75102E-02	0.35592E-06
9	0.15559E-02	0.48470E-02	0.22971E-06
10	0.82281E-03	0.25633E-02	0.12148E-06

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4081	4.3865	0.20789E-03
2	0.48911	1.5237	0.72211E-04
3	0.15778	0.49154	0.23295E-04
4	0.50121E-01	0.15614	0.73998E-05
5	0.17264E-01	0.53783E-01	0.25489E-05
6	0.73619E-02	0.22934E-01	0.10869E-05
7	0.40862E-02	0.12730E-01	0.60329E-06
8	0.26464E-02	0.82442E-02	0.39071E-06
9	0.17063E-02	0.53156E-02	0.25192E-06
10	0.90454E-03	0.28179E-02	0.13355E-06

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4406	4.4878	0.21269E-03
2	0.51060	1.5907	0.75385E-04
3	0.16784	0.52288	0.24780E-04
4	0.54218E-01	0.16890	0.80047E-05
5	0.18907E-01	0.58900E-01	0.27914E-05
6	0.80952E-02	0.25219E-01	0.11952E-05
7	0.44809E-02	0.13959E-01	0.66156E-06
8	0.28925E-02	0.90110E-02	0.42705E-06
9	0.18632E-02	0.58042E-02	0.27507E-06
10	0.98997E-03	0.30840E-02	0.14616E-06

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4714	4.5838	0.21724E-03
2	0.53168	1.6563	0.78497E-04
3	0.17797	0.55442	0.26275E-04
4	0.58429E-01	0.18202	0.86264E-05
5	0.20620E-01	0.64238E-01	0.30444E-05
6	0.88646E-02	0.27616E-01	0.13088E-05
7	0.48942E-02	0.15247E-01	0.72257E-06
8	0.31491E-02	0.98103E-02	0.46493E-06
9	0.20263E-02	0.63125E-02	0.29916E-06
10	0.10791E-02	0.33616E-02	0.15931E-06

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5006	4.6747	0.22155E-03
2	0.55234	1.7207	0.81546E-04
3	0.18814	0.58610	0.27777E-04
4	0.62745E-01	0.19547	0.92636E-05
5	0.22403E-01	0.69791E-01	0.33075E-05
6	0.96701E-02	0.30125E-01	0.14277E-05
7	0.53260E-02	0.16592E-01	0.78632E-06
8	0.34161E-02	0.10642E-01	0.50434E-06
9	0.21957E-02	0.68403E-02	0.32418E-06
10	0.11718E-02	0.36505E-02	0.17300E-06

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5283	4.7609	0.22563E-03
2	0.57255	1.7836	0.84531E-04
3	0.19834	0.61787	0.29282E-04
4	0.67160E-01	0.20922	0.99154E-05
5	0.24252E-01	0.75553E-01	0.35806E-05
6	0.10511E-01	0.32745E-01	0.15519E-05
7	0.57763E-02	0.17995E-01	0.85280E-06
8	0.36933E-02	0.11506E-01	0.54528E-06
9	0.23713E-02	0.73873E-02	0.35010E-06
10	0.12681E-02	0.39506E-02	0.18723E-06

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5545	4.8426	0.22950E-03
2	0.59231	1.8452	0.87448E-04
3	0.20855	0.64968	0.30790E-04
4	0.71666E-01	0.22326	0.10581E-04
5	0.26167E-01	0.81518E-01	0.38633E-05
6	0.11388E-01	0.35476E-01	0.16813E-05
7	0.62450E-02	0.19455E-01	0.92200E-06
8	0.39808E-02	0.12401E-01	0.58772E-06
9	0.25530E-02	0.79533E-02	0.37692E-06
10	0.13680E-02	0.42618E-02	0.20197E-06

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.5793	4.9200	0.23317E-03
2	0.61161	1.9053	0.90298E-04
3	0.21876	0.68149	0.32297E-04
4	0.76257E-01	0.23756	0.11258E-04
5	0.28145E-01	0.87680E-01	0.41553E-05
6	0.12299E-01	0.38316E-01	0.18159E-05
7	0.67321E-02	0.20972E-01	0.99391E-06
8	0.42784E-02	0.13328E-01	0.63166E-06
9	0.27407E-02	0.85381E-02	0.40464E-06
10	0.14714E-02	0.45839E-02	0.21724E-06

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6029	4.9934	0.23665E-03
2	0.63045	1.9640	0.93079E-04
3	0.22895	0.71323	0.33801E-04
4	0.80925E-01	0.25210	0.11948E-04
5	0.30184E-01	0.94032E-01	0.44564E-05
6	0.13246E-01	0.41264E-01	0.19556E-05
7	0.72374E-02	0.22546E-01	0.10685E-05
8	0.45861E-02	0.14287E-01	0.67709E-06
9	0.29344E-02	0.91415E-02	0.43323E-06
10	0.15783E-02	0.49170E-02	0.23303E-06

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6252	5.0629	0.23994E-03
2	0.64882	2.0212	0.95791E-04
3	0.23911	0.74488	0.35301E-04
4	0.85663E-01	0.26686	0.12647E-04
5	0.32282E-01	0.10057	0.47661E-05
6	0.14226E-01	0.44317E-01	0.21003E-05
7	0.77608E-02	0.24177E-01	0.11458E-05
8	0.49038E-02	0.15277E-01	0.72400E-06
9	0.31340E-02	0.97632E-02	0.46270E-06
10	0.16887E-02	0.52607E-02	0.24932E-06

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6464	5.1288	0.24307E-03
2	0.66672	2.0770	0.98433E-04
3	0.24922	0.77638	0.36794E-04
4	0.90464E-01	0.28182	0.13356E-04
5	0.34437E-01	0.10728	0.50842E-05
6	0.15240E-01	0.47475E-01	0.22500E-05
7	0.83022E-02	0.25864E-01	0.12257E-05
8	0.52315E-02	0.16297E-01	0.77237E-06
9	0.33394E-02	0.10403E-01	0.49302E-06
10	0.18025E-02	0.56151E-02	0.26611E-06

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6664	5.1913	0.24603E-03
2	0.68414	2.1313	0.10101E-03
3	0.25928	0.80772	0.38279E-04
4	0.95323E-01	0.29695	0.14073E-04
5	0.36645E-01	0.11416	0.54103E-05
6	0.16286E-01	0.50736E-01	0.24045E-05
7	0.88614E-02	0.27606E-01	0.13083E-05
8	0.55689E-02	0.17349E-01	0.82218E-06
9	0.35505E-02	0.11061E-01	0.52419E-06
10	0.19196E-02	0.59800E-02	0.28341E-06

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6854	5.2505	0.24883E-03
2	0.70110	2.1841	0.10351E-03
3	0.26927	0.83884	0.39754E-04
4	0.10023	0.31224	0.14798E-04
5	0.38906E-01	0.12120	0.57440E-05
6	0.17365E-01	0.54097E-01	0.25638E-05
7	0.94383E-02	0.29403E-01	0.13935E-05
8	0.59161E-02	0.18430E-01	0.87344E-06
9	0.37673E-02	0.11736E-01	0.55619E-06
10	0.20400E-02	0.63553E-02	0.30119E-06

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7034	5.3066	0.25149E-03
2	0.71759	2.2355	0.10594E-03
3	0.27918	0.86971	0.41217E-04
4	0.10518	0.32767	0.15529E-04
5	0.41216E-01	0.12840	0.60851E-05
6	0.18476E-01	0.57557E-01	0.27277E-05
7	0.10033E-01	0.31254E-01	0.14812E-05
8	0.62728E-02	0.19542E-01	0.92611E-06
9	0.39896E-02	0.12429E-01	0.58902E-06
10	0.21638E-02	0.67408E-02	0.31946E-06

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7205	5.3598	0.25401E-03
2	0.73361	2.2854	0.10831E-03
3	0.28900	0.90032	0.42668E-04
4	0.11017	0.34321	0.16265E-04
5	0.43573E-01	0.13574	0.64330E-05
6	0.19617E-01	0.61112E-01	0.28962E-05
7	0.10644E-01	0.33160E-01	0.15715E-05
8	0.66391E-02	0.20683E-01	0.98019E-06
9	0.42175E-02	0.13139E-01	0.62267E-06
10	0.22908E-02	0.71364E-02	0.33821E-06

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7367	5.4102	0.25640E-03
2	0.74918	2.3339	0.11061E-03
3	0.29873	0.93062	0.44104E-04
4	0.11519	0.35885	0.17006E-04
5	0.45974E-01	0.14322	0.67875E-05
6	0.20788E-01	0.64761E-01	0.30692E-05
7	0.11273E-01	0.35118E-01	0.16643E-05
8	0.70149E-02	0.21853E-01	0.10357E-05
9	0.44508E-02	0.13866E-01	0.65711E-06
10	0.24210E-02	0.75420E-02	0.35743E-06

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7520	5.4580	0.25866E-03
2	0.76428	2.3809	0.11284E-03
3	0.30835	0.96059	0.45525E-04
4	0.12023	0.37456	0.17751E-04
5	0.48416E-01	0.15083	0.71481E-05
6	0.21989E-01	0.68501E-01	0.32464E-05
7	0.11918E-01	0.37128E-01	0.17596E-05
8	0.73999E-02	0.23053E-01	0.10925E-05
9	0.46895E-02	0.14609E-01	0.69235E-06
10	0.25544E-02	0.79575E-02	0.37712E-06

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7665	5.5032	0.26081E-03
2	0.77894	2.4266	0.11500E-03
3	0.31786	0.99022	0.46929E-04
4	0.12530	0.39033	0.18499E-04
5	0.50898E-01	0.15856	0.75145E-05
6	0.23218E-01	0.72329E-01	0.34278E-05
7	0.12580E-01	0.39190E-01	0.18573E-05
8	0.77941E-02	0.24281E-01	0.11507E-05
9	0.49335E-02	0.15369E-01	0.72837E-06
10	0.26908E-02	0.83827E-02	0.39727E-06

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7803	5.5462	0.26284E-03
2	0.79315	2.4709	0.11710E-03
3	0.32725	1.0195	0.48315E-04
4	0.13037	0.40614	0.19248E-04
5	0.53416E-01	0.16641	0.78863E-05
6	0.24474E-01	0.76242E-01	0.36133E-05
7	0.13258E-01	0.41302E-01	0.19574E-05
8	0.81973E-02	0.25537E-01	0.12102E-05
9	0.51826E-02	0.16145E-01	0.76516E-06
10	0.28304E-02	0.88174E-02	0.41788E-06

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7934	5.5869	0.26477E-03
2	0.80692	2.5138	0.11913E-03
3	0.33652	1.0483	0.49683E-04
4	0.13546	0.42198	0.19999E-04
5	0.55969E-01	0.17436	0.82631E-05
6	0.25757E-01	0.80238E-01	0.38027E-05
7	0.13952E-01	0.43463E-01	0.20598E-05
8	0.86095E-02	0.26821E-01	0.12711E-05
9	0.54369E-02	0.16938E-01	0.80270E-06
10	0.29730E-02	0.92616E-02	0.43893E-06

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8058	5.6254	0.26660E-03
2	0.82026	2.5553	0.12110E-03
3	0.34565	1.0768	0.51032E-04
4	0.14054	0.43783	0.20750E-04
5	0.58552E-01	0.18241	0.86446E-05
6	0.27065E-01	0.84314E-01	0.39958E-05
7	0.14661E-01	0.45674E-01	0.21646E-05
8	0.90305E-02	0.28132E-01	0.13332E-05
9	0.56963E-02	0.17745E-01	0.84099E-06
10	0.31186E-02	0.97152E-02	0.46042E-06

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8175	5.6620	0.26833E-03
2	0.83318	2.5956	0.12301E-03
3	0.35465	1.1048	0.52360E-04
4	0.14563	0.45367	0.21500E-04
5	0.61165E-01	0.19054	0.90303E-05
6	0.28398E-01	0.88466E-01	0.41926E-05
7	0.15386E-01	0.47931E-01	0.22715E-05
8	0.94601E-02	0.29471E-01	0.13967E-05
9	0.59606E-02	0.18569E-01	0.88001E-06
10	0.32671E-02	0.10178E-01	0.48235E-06

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8286	5.6967	0.26998E-03
2	0.84568	2.6345	0.12486E-03
3	0.36351	1.1324	0.53668E-04
4	0.15070	0.46948	0.22250E-04
5	0.63803E-01	0.19876	0.94198E-05
6	0.29754E-01	0.92692E-01	0.43928E-05
7	0.16125E-01	0.50235E-01	0.23807E-05
8	0.98982E-02	0.30836E-01	0.14614E-05
9	0.62298E-02	0.19407E-01	0.91976E-06
10	0.34185E-02	0.10650E-01	0.50470E-06

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8392	5.7295	0.27153E-03
2	0.85778	2.6722	0.12664E-03
3	0.37222	1.1596	0.54955E-04
4	0.15577	0.48526	0.22997E-04
5	0.66466E-01	0.20706	0.98129E-05
6	0.31133E-01	0.96987E-01	0.45964E-05
7	0.16879E-01	0.52584E-01	0.24921E-05
8	0.10345E-01	0.32226E-01	0.15273E-05
9	0.65038E-02	0.20261E-01	0.96021E-06
10	0.35728E-02	0.11130E-01	0.52748E-06

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8492	5.7607	0.27301E-03
2	0.86948	2.7087	0.12837E-03
3	0.38079	1.1863	0.56220E-04
4	0.16082	0.50099	0.23743E-04
5	0.69149E-01	0.21542	0.10209E-04
6	0.32533E-01	0.10135	0.48032E-05
7	0.17648E-01	0.54977E-01	0.26055E-05
8	0.10799E-01	0.33643E-01	0.15944E-05
9	0.67825E-02	0.21129E-01	0.10014E-05
10	0.37299E-02	0.11620E-01	0.55067E-06

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8587	5.7902	0.27441E-03
2	0.88080	2.7439	0.13004E-03
3	0.38921	1.2125	0.57462E-04
4	0.16584	0.51665	0.24485E-04
5	0.71851E-01	0.22384	0.10608E-04
6	0.33954E-01	0.10578	0.50130E-05
7	0.18429E-01	0.57413E-01	0.27209E-05
8	0.11262E-01	0.35084E-01	0.16627E-05
9	0.70658E-02	0.22012E-01	0.10432E-05
10	0.38897E-02	0.12118E-01	0.57428E-06

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8677	5.8182	0.27574E-03
2	0.89173	2.7780	0.13165E-03
3	0.39747	1.2382	0.58682E-04
4	0.17085	0.53224	0.25224E-04
5	0.74570E-01	0.23230	0.11009E-04
6	0.35394E-01	0.11026	0.52256E-05
7	0.19225E-01	0.59890E-01	0.28383E-05
8	0.11733E-01	0.36550E-01	0.17322E-05
9	0.73537E-02	0.22909E-01	0.10857E-05
10	0.40523E-02	0.12624E-01	0.59828E-06

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8762	5.8448	0.27700E-03
2	0.90229	2.8109	0.13321E-03
3	0.40558	1.2635	0.59880E-04
4	0.17582	0.54773	0.25958E-04
5	0.77302E-01	0.24082	0.11413E-04
6	0.36853E-01	0.11481	0.54409E-05
7	0.20033E-01	0.62407E-01	0.29576E-05
8	0.12211E-01	0.38040E-01	0.18028E-05
9	0.76460E-02	0.23819E-01	0.11289E-05
10	0.42175E-02	0.13139E-01	0.62267E-06

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8843	5.8700	0.27819E-03
2	0.91249	2.8427	0.13472E-03
3	0.41354	1.2883	0.61054E-04
4	0.18077	0.56313	0.26688E-04
5	0.80046E-01	0.24936	0.11818E-04
6	0.38329E-01	0.11940	0.56588E-05
7	0.20853E-01	0.64963E-01	0.30787E-05
8	0.12697E-01	0.39553E-01	0.18745E-05
9	0.79427E-02	0.24744E-01	0.11727E-05
10	0.43854E-02	0.13662E-01	0.64745E-06

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8919	5.8938	0.27932E-03
2	0.92234	2.8733	0.13617E-03
3	0.42133	1.3126	0.62205E-04
4	0.18567	0.57842	0.27412E-04
5	0.82799E-01	0.25794	0.12224E-04
6	0.39820E-01	0.12405	0.58790E-05
7	0.21686E-01	0.67557E-01	0.32017E-05
8	0.13190E-01	0.41089E-01	0.19473E-05
9	0.82437E-02	0.25681E-01	0.12171E-05
10	0.45558E-02	0.14193E-01	0.67262E-06

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 220.00 ml/g, 0.77692E-02cu.ft./g
Kh = 0.32100 (dimensionless).
Aqueous solubility = 169.00 mg/l, 4.7856 g/cu.ft
Free air diffusion coefficient = .65700 sq. m/day, 2581.4 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2000
Organic carbon content = 0.00610000
Recharge Rate = 0.16839001 ft/yr
Conc. in recharge water = 462.00 mg/l, 13.082 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

2.3 Etilbenceno Alto

Benceno Barranquilla
1
1 50 1 1
220 0.321 169 0.657
Polygon1
1290 2.3 0.8858 1.62 0.41 0.25 0.0061
525 0 0
10Y 50
10 10 0

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
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 |        P.O. Box 1198                                        |
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 |                                                             |
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 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 13.165 g/sq.ft.
Mass in gas phase = 0.27316 g/sq.ft.
Mass in liquid phase = 1.3296 g/sq.ft.
Mass sorbed = 11.563 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 13.165 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.32029E-02g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 13.165 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.165 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.32029E-02g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 13.165 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 26.094 g/sq.ft.
Mass in gas phase = 0.54140 g/sq.ft.
Mass in liquid phase = 2.6353 g/sq.ft.
Mass sorbed = 22.917 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 12.928 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.68575E-02g/sq.ft.
Diffusion in from atmosphere = -0.20480 g/sq.ft.
Diffusion in from water table = -0.28863E-01g/sq.ft.
Total inflow at boundaries = 12.928 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 26.094 g/sq.ft.
Advection in from atmosphere = 26.337 g/sq.ft.
Advection in from water table = -0.10060E-01g/sq.ft.
Diffusion in from atmosphere = -0.20480 g/sq.ft.
Diffusion in from water table = -0.28863E-01g/sq.ft.
Total inflow at boundaries = 26.094 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 38.789 g/sq.ft.
Mass in gas phase = 0.80480 g/sq.ft.
Mass in liquid phase = 3.9175 g/sq.ft.
Mass sorbed = 34.067 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 12.695 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.12193E-01g/sq.ft.
Diffusion in from atmosphere = -0.40099 g/sq.ft.
Diffusion in from water table = -0.60102E-01g/sq.ft.
Total inflow at boundaries = 12.695 g/sq.ft.
Mass discrepancy = -0.57220E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.789 g/sq.ft.
Advection in from atmosphere = 39.506 g/sq.ft.
Advection in from water table = -0.22253E-01g/sq.ft.
Diffusion in from atmosphere = -0.60580 g/sq.ft.

Diffusion in from water table = -0.88964E-01g/sq.ft.
Total inflow at boundaries = 38.789 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 51.256 g/sq.ft.
Mass in gas phase = 1.0635 g/sq.ft.
Mass in liquid phase = 5.1765 g/sq.ft.
Mass sorbed = 45.016 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 12.467 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.19445E-01g/sq.ft.
Diffusion in from atmosphere = -0.58893 g/sq.ft.
Diffusion in from water table = -0.93637E-01g/sq.ft.
Total inflow at boundaries = 12.467 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 51.256 g/sq.ft.
Advection in from atmosphere = 52.675 g/sq.ft.
Advection in from water table = -0.41699E-01g/sq.ft.
Diffusion in from atmosphere = -1.1947 g/sq.ft.
Diffusion in from water table = -0.18260 g/sq.ft.
Total inflow at boundaries = 51.256 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.
WARNING!!! At time = 5.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 5.00, total mass in vadose zone = 63.497 g/sq.ft.
Mass in gas phase = 1.3175 g/sq.ft.
Mass in liquid phase = 6.4128 g/sq.ft.
Mass sorbed = 55.767 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 12.242 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.28839E-01g/sq.ft.
Diffusion in from atmosphere = -0.76895 g/sq.ft.
Diffusion in from water table = -0.12938 g/sq.ft.
Total inflow at boundaries = 12.242 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 63.497 g/sq.ft.
Advection in from atmosphere = 65.843 g/sq.ft.
Advection in from water table = -0.70538E-01g/sq.ft.
Diffusion in from atmosphere = -1.9637 g/sq.ft.
Diffusion in from water table = -0.31198 g/sq.ft.
Total inflow at boundaries = 63.497 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 6.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 6.00, total mass in vadose zone = 75.517 g/sq.ft.
Mass in gas phase = 1.5668 g/sq.ft.
Mass in liquid phase = 7.6267 g/sq.ft.
Mass sorbed = 66.323 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 12.019 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.40586E-01g/sq.ft.
Diffusion in from atmosphere = -0.94137 g/sq.ft.
Diffusion in from water table = -0.16725 g/sq.ft.
Total inflow at boundaries = 12.019 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 75.517 g/sq.ft.
Advection in from atmosphere = 79.012 g/sq.ft.
Advection in from water table = -0.11112 g/sq.ft.
Diffusion in from atmosphere = -2.9050 g/sq.ft.
Diffusion in from water table = -0.47924 g/sq.ft.
Total inflow at boundaries = 75.517 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 7.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 7.00, total mass in vadose zone = 87.317 g/sq.ft.
Mass in gas phase = 1.8117 g/sq.ft.
Mass in liquid phase = 8.8185 g/sq.ft.
Mass sorbed = 76.687 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 11.800 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.

Advection in from water table = -0.54881E-01g/sq.ft.
Diffusion in from atmosphere = -1.1065 g/sq.ft.
Diffusion in from water table = -0.20715 g/sq.ft.
Total inflow at boundaries = 11.800 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 87.317 g/sq.ft.
Advection in from atmosphere = 92.181 g/sq.ft.
Advection in from water table = -0.16601 g/sq.ft.
Diffusion in from atmosphere = -4.0116 g/sq.ft.
Diffusion in from water table = -0.68638 g/sq.ft.
Total inflow at boundaries = 87.317 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.
WARNING!!! At time = 8.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 8.00, total mass in vadose zone = 98.900 g/sq.ft.
Mass in gas phase = 2.0520 g/sq.ft.
Mass in liquid phase = 9.9883 g/sq.ft.
Mass sorbed = 86.860 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 11.583 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.71898E-01g/sq.ft.
Diffusion in from atmosphere = -1.2647 g/sq.ft.
Diffusion in from water table = -0.24897 g/sq.ft.
Total inflow at boundaries = 11.583 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 98.900 g/sq.ft.
Advection in from atmosphere = 105.35 g/sq.ft.
Advection in from water table = -0.23790 g/sq.ft.
Diffusion in from atmosphere = -5.2762 g/sq.ft.
Diffusion in from water table = -0.93536 g/sq.ft.
Total inflow at boundaries = 98.900 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.
WARNING!!! At time = 9.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 9.00, total mass in vadose zone = 110.27 g/sq.ft.
Mass in gas phase = 2.2879 g/sq.ft.

Mass in liquid phase = 11.136 g/sq.ft.
Mass sorbed = 96.844 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 11.368 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.91796E-01g/sq.ft.
Diffusion in from atmosphere = -1.4161 g/sq.ft.
Diffusion in from water table = -0.29263 g/sq.ft.
Total inflow at boundaries = 11.368 g/sq.ft.
Mass discrepancy = 0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 110.27 g/sq.ft.
Advection in from atmosphere = 118.52 g/sq.ft.
Advection in from water table = -0.32970 g/sq.ft.
Diffusion in from atmosphere = -6.6923 g/sq.ft.
Diffusion in from water table = -1.2280 g/sq.ft.
Total inflow at boundaries = 110.27 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 10.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 10.00, total mass in vadose zone = 121.42 g/sq.ft.
Mass in gas phase = 2.5193 g/sq.ft.
Mass in liquid phase = 12.263 g/sq.ft.
Mass sorbed = 106.64 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 11.155 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.11471 g/sq.ft.
Diffusion in from atmosphere = -1.5611 g/sq.ft.
Diffusion in from water table = -0.33801 g/sq.ft.
Total inflow at boundaries = 11.155 g/sq.ft.
Mass discrepancy = 0.10490E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 121.42 g/sq.ft.
Advection in from atmosphere = 131.69 g/sq.ft.
Advection in from water table = -0.44441 g/sq.ft.
Diffusion in from atmosphere = -8.2535 g/sq.ft.
Diffusion in from water table = -1.5660 g/sq.ft.
Total inflow at boundaries = 121.42 g/sq.ft.

Mass discrepancy = 0.38147E-04g/sq.ft.
WARNING!!! At time = 11.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 11.00, total mass in vadose zone = 132.37 g/sq.ft.
Mass in gas phase = 2.7464 g/sq.ft.
Mass in liquid phase = 13.368 g/sq.ft.
Mass sorbed = 116.25 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 10.943 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.14075 g/sq.ft.
Diffusion in from atmosphere = -1.7000 g/sq.ft.
Diffusion in from water table = -0.38501 g/sq.ft.
Total inflow at boundaries = 10.943 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 132.37 g/sq.ft.
Advection in from atmosphere = 144.86 g/sq.ft.
Advection in from water table = -0.58515 g/sq.ft.
Diffusion in from atmosphere = -9.9534 g/sq.ft.
Diffusion in from water table = -1.9510 g/sq.ft.
Total inflow at boundaries = 132.37 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 12.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 12.00, total mass in vadose zone = 143.10 g/sq.ft.
Mass in gas phase = 2.9690 g/sq.ft.
Mass in liquid phase = 14.452 g/sq.ft.
Mass sorbed = 125.68 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 10.732 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.17000 g/sq.ft.
Diffusion in from atmosphere = -1.8329 g/sq.ft.
Diffusion in from water table = -0.43352 g/sq.ft.
Total inflow at boundaries = 10.732 g/sq.ft.
Mass discrepancy = 0.18120E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 143.10 g/sq.ft.
Advection in from atmosphere = 158.02 g/sq.ft.
Advection in from water table = -0.75516 g/sq.ft.
Diffusion in from atmosphere = -11.786 g/sq.ft.
Diffusion in from water table = -2.3845 g/sq.ft.
Total inflow at boundaries = 143.10 g/sq.ft.
Mass discrepancy = 0.45776E-04g/sq.ft.
WARNING!!! At time = 13.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 13.00, total mass in vadose zone = 153.62 g/sq.ft.
Mass in gas phase = 3.1873 g/sq.ft.
Mass in liquid phase = 15.515 g/sq.ft.
Mass sorbed = 134.92 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 10.523 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.20254 g/sq.ft.
Diffusion in from atmosphere = -1.9601 g/sq.ft.
Diffusion in from water table = -0.48342 g/sq.ft.
Total inflow at boundaries = 10.523 g/sq.ft.
Mass discrepancy = -0.13351E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 153.62 g/sq.ft.
Advection in from atmosphere = 171.19 g/sq.ft.
Advection in from water table = -0.95770 g/sq.ft.
Diffusion in from atmosphere = -13.746 g/sq.ft.
Diffusion in from water table = -2.8679 g/sq.ft.
Total inflow at boundaries = 153.62 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 14.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 14.00, total mass in vadose zone = 163.93 g/sq.ft.
Mass in gas phase = 3.4013 g/sq.ft.
Mass in liquid phase = 16.556 g/sq.ft.
Mass sorbed = 143.98 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 10.314 g/sq.ft.

Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.23841 g/sq.ft.
Diffusion in from atmosphere = -2.0819 g/sq.ft.
Diffusion in from water table = -0.53461 g/sq.ft.
Total inflow at boundaries = 10.314 g/sq.ft.
Mass discrepancy = 0.41008E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 163.93 g/sq.ft.
Advection in from atmosphere = 184.36 g/sq.ft.
Advection in from water table = -1.1961 g/sq.ft.
Diffusion in from atmosphere = -15.828 g/sq.ft.
Diffusion in from water table = -3.4026 g/sq.ft.
Total inflow at boundaries = 163.93 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 15.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 15.00, total mass in vadose zone = 174.04 g/sq.ft.
Mass in gas phase = 3.6110 g/sq.ft.
Mass in liquid phase = 17.577 g/sq.ft.
Mass sorbed = 152.85 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 10.106 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.27763 g/sq.ft.
Diffusion in from atmosphere = -2.1984 g/sq.ft.
Diffusion in from water table = -0.58697 g/sq.ft.
Total inflow at boundaries = 10.106 g/sq.ft.
Mass discrepancy = -0.30518E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 174.04 g/sq.ft.
Advection in from atmosphere = 197.53 g/sq.ft.
Advection in from water table = -1.4738 g/sq.ft.
Diffusion in from atmosphere = -18.027 g/sq.ft.
Diffusion in from water table = -3.9895 g/sq.ft.
Total inflow at boundaries = 174.04 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 16.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 16.00, total mass in vadose zone = 183.94 g/sq.ft.
Mass in gas phase = 3.8164 g/sq.ft.
Mass in liquid phase = 18.577 g/sq.ft.
Mass sorbed = 161.55 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 9.8982 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.32020 g/sq.ft.
Diffusion in from atmosphere = -2.3099 g/sq.ft.
Diffusion in from water table = -0.64038 g/sq.ft.
Total inflow at boundaries = 9.8982 g/sq.ft.
Mass discrepancy = 0.23842E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 183.94 g/sq.ft.
Advection in from atmosphere = 210.70 g/sq.ft.
Advection in from water table = -1.7940 g/sq.ft.
Diffusion in from atmosphere = -20.337 g/sq.ft.
Diffusion in from water table = -4.6299 g/sq.ft.
Total inflow at boundaries = 183.94 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 17.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 17.00, total mass in vadose zone = 193.63 g/sq.ft.
Mass in gas phase = 4.0175 g/sq.ft.
Mass in liquid phase = 19.555 g/sq.ft.
Mass sorbed = 170.06 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 9.6913 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.36610 g/sq.ft.
Diffusion in from atmosphere = -2.4166 g/sq.ft.
Diffusion in from water table = -0.69474 g/sq.ft.
Total inflow at boundaries = 9.6913 g/sq.ft.
Mass discrepancy = 0.21935E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 193.63 g/sq.ft.
Advection in from atmosphere = 223.87 g/sq.ft.
Advection in from water table = -2.1601 g/sq.ft.

Diffusion in from atmosphere = -22.753 g/sq.ft.
Diffusion in from water table = -5.3246 g/sq.ft.
Total inflow at boundaries = 193.63 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 18.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 18.00, total mass in vadose zone = 203.11 g/sq.ft.
Mass in gas phase = 4.2143 g/sq.ft.
Mass in liquid phase = 20.513 g/sq.ft.
Mass sorbed = 178.39 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 9.4849 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.41529 g/sq.ft.
Diffusion in from atmosphere = -2.5186 g/sq.ft.
Diffusion in from water table = -0.74992 g/sq.ft.
Total inflow at boundaries = 9.4849 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 203.11 g/sq.ft.
Advection in from atmosphere = 237.04 g/sq.ft.
Advection in from water table = -2.5754 g/sq.ft.
Diffusion in from atmosphere = -25.272 g/sq.ft.
Diffusion in from water table = -6.0746 g/sq.ft.
Total inflow at boundaries = 203.11 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 19.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 19.00, total mass in vadose zone = 212.39 g/sq.ft.
Mass in gas phase = 4.4068 g/sq.ft.
Mass in liquid phase = 21.450 g/sq.ft.
Mass sorbed = 186.54 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 9.2790 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.46771 g/sq.ft.
Diffusion in from atmosphere = -2.6162 g/sq.ft.
Diffusion in from water table = -0.80581 g/sq.ft.
Total inflow at boundaries = 9.2790 g/sq.ft.

Mass discrepancy = 0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 212.39 g/sq.ft.
Advection in from atmosphere = 250.20 g/sq.ft.
Advection in from water table = -3.0431 g/sq.ft.
Diffusion in from atmosphere = -27.888 g/sq.ft.
Diffusion in from water table = -6.8804 g/sq.ft.
Total inflow at boundaries = 212.39 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 20.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 20.00, total mass in vadose zone = 221.47 g/sq.ft.
Mass in gas phase = 4.5950 g/sq.ft.
Mass in liquid phase = 22.367 g/sq.ft.
Mass sorbed = 194.51 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 9.0736 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.52327 g/sq.ft.
Diffusion in from atmosphere = -2.7095 g/sq.ft.
Diffusion in from water table = -0.86230 g/sq.ft.
Total inflow at boundaries = 9.0736 g/sq.ft.
Mass discrepancy = -0.20981E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 221.47 g/sq.ft.
Advection in from atmosphere = 263.37 g/sq.ft.
Advection in from water table = -3.5663 g/sq.ft.
Diffusion in from atmosphere = -30.597 g/sq.ft.
Diffusion in from water table = -7.7427 g/sq.ft.
Total inflow at boundaries = 221.47 g/sq.ft.
Mass discrepancy = 0.45776E-04g/sq.ft.
WARNING!!! At time = 21.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 21.00, total mass in vadose zone = 230.34 g/sq.ft.
Mass in gas phase = 4.7791 g/sq.ft.
Mass in liquid phase = 23.263 g/sq.ft.
Mass sorbed = 202.29 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 8.8688 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.58189 g/sq.ft.
Diffusion in from atmosphere = -2.7987 g/sq.ft.
Diffusion in from water table = -0.91928 g/sq.ft.
Total inflow at boundaries = 8.8688 g/sq.ft.
Mass discrepancy = 0.46730E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 230.34 g/sq.ft.
Advection in from atmosphere = 276.54 g/sq.ft.
Advection in from water table = -4.1482 g/sq.ft.
Diffusion in from atmosphere = -33.396 g/sq.ft.
Diffusion in from water table = -8.6620 g/sq.ft.
Total inflow at boundaries = 230.34 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 22.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 22.00, total mass in vadose zone = 239.00 g/sq.ft.
Mass in gas phase = 4.9588 g/sq.ft.
Mass in liquid phase = 24.138 g/sq.ft.
Mass sorbed = 209.90 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 8.6646 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.64345 g/sq.ft.
Diffusion in from atmosphere = -2.8840 g/sq.ft.
Diffusion in from water table = -0.97665 g/sq.ft.
Total inflow at boundaries = 8.6646 g/sq.ft.
Mass discrepancy = -0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 239.00 g/sq.ft.
Advection in from atmosphere = 289.71 g/sq.ft.
Advection in from water table = -4.7917 g/sq.ft.
Diffusion in from atmosphere = -36.280 g/sq.ft.
Diffusion in from water table = -9.6386 g/sq.ft.
Total inflow at boundaries = 239.00 g/sq.ft.
Mass discrepancy = 0.10681E-03g/sq.ft.
WARNING!!! At time = 23.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 23.00, total mass in vadose zone = 247.46 g/sq.ft.
Mass in gas phase = 5.1344 g/sq.ft.
Mass in liquid phase = 24.992 g/sq.ft.
Mass sorbed = 217.34 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 8.4610 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.70783 g/sq.ft.
Diffusion in from atmosphere = -2.9655 g/sq.ft.
Diffusion in from water table = -1.0343 g/sq.ft.
Total inflow at boundaries = 8.4610 g/sq.ft.
Mass discrepancy = 0.20981E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 247.46 g/sq.ft.
Advection in from atmosphere = 302.88 g/sq.ft.
Advection in from water table = -5.4995 g/sq.ft.
Diffusion in from atmosphere = -39.246 g/sq.ft.
Diffusion in from water table = -10.673 g/sq.ft.
Total inflow at boundaries = 247.46 g/sq.ft.
Mass discrepancy = 0.13733E-03g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 255.72 g/sq.ft.
Mass in gas phase = 5.3057 g/sq.ft.
Mass in liquid phase = 25.826 g/sq.ft.
Mass sorbed = 224.59 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 8.2582 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.77490 g/sq.ft.
Diffusion in from atmosphere = -3.0434 g/sq.ft.
Diffusion in from water table = -1.0921 g/sq.ft.
Total inflow at boundaries = 8.2582 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 255.72 g/sq.ft.
Advection in from atmosphere = 316.05 g/sq.ft.
Advection in from water table = -6.2744 g/sq.ft.

Diffusion in from atmosphere = -42.289 g/sq.ft.
Diffusion in from water table = -11.765 g/sq.ft.
Total inflow at boundaries = 255.72 g/sq.ft.
Mass discrepancy = 0.15259E-03g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 263.78 g/sq.ft.
Mass in gas phase = 5.4729 g/sq.ft.
Mass in liquid phase = 26.640 g/sq.ft.
Mass sorbed = 231.66 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 8.0563 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.84451 g/sq.ft.
Diffusion in from atmosphere = -3.1179 g/sq.ft.
Diffusion in from water table = -1.1500 g/sq.ft.
Total inflow at boundaries = 8.0563 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 263.78 g/sq.ft.
Advection in from atmosphere = 329.22 g/sq.ft.
Advection in from water table = -7.1189 g/sq.ft.
Diffusion in from atmosphere = -45.407 g/sq.ft.
Diffusion in from water table = -12.915 g/sq.ft.
Total inflow at boundaries = 263.78 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 271.63 g/sq.ft.
Mass in gas phase = 5.6359 g/sq.ft.
Mass in liquid phase = 27.433 g/sq.ft.
Mass sorbed = 238.56 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 7.8554 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.91650 g/sq.ft.
Diffusion in from atmosphere = -3.1890 g/sq.ft.
Diffusion in from water table = -1.2079 g/sq.ft.
Total inflow at boundaries = 7.8553 g/sq.ft.

Mass discrepancy = 0.27657E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 271.63 g/sq.ft.
Advection in from atmosphere = 342.39 g/sq.ft.
Advection in from water table = -8.0354 g/sq.ft.
Diffusion in from atmosphere = -48.596 g/sq.ft.
Diffusion in from water table = -14.123 g/sq.ft.
Total inflow at boundaries = 271.63 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 279.29 g/sq.ft.
Mass in gas phase = 5.7947 g/sq.ft.
Mass in liquid phase = 28.206 g/sq.ft.
Mass sorbed = 245.29 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 7.6555 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -0.99072 g/sq.ft.
Diffusion in from atmosphere = -3.2569 g/sq.ft.
Diffusion in from water table = -1.2656 g/sq.ft.
Total inflow at boundaries = 7.6555 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 279.29 g/sq.ft.
Advection in from atmosphere = 355.55 g/sq.ft.
Advection in from water table = -9.0261 g/sq.ft.
Diffusion in from atmosphere = -51.853 g/sq.ft.
Diffusion in from water table = -15.388 g/sq.ft.
Total inflow at boundaries = 279.29 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 286.74 g/sq.ft.
Mass in gas phase = 5.9494 g/sq.ft.
Mass in liquid phase = 28.959 g/sq.ft.
Mass sorbed = 251.84 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 7.4568 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.0670 g/sq.ft.
Diffusion in from atmosphere = -3.3217 g/sq.ft.
Diffusion in from water table = -1.3231 g/sq.ft.
Total inflow at boundaries = 7.4569 g/sq.ft.
Mass discrepancy = -0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 286.74 g/sq.ft.
Advection in from atmosphere = 368.72 g/sq.ft.
Advection in from water table = -10.093 g/sq.ft.
Diffusion in from atmosphere = -55.175 g/sq.ft.
Diffusion in from water table = -16.712 g/sq.ft.
Total inflow at boundaries = 286.74 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 294.00 g/sq.ft.
Mass in gas phase = 6.1000 g/sq.ft.
Mass in liquid phase = 29.693 g/sq.ft.
Mass sorbed = 258.21 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 7.2596 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.1451 g/sq.ft.
Diffusion in from atmosphere = -3.3836 g/sq.ft.
Diffusion in from water table = -1.3804 g/sq.ft.
Total inflow at boundaries = 7.2596 g/sq.ft.
Mass discrepancy = 0.19550E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 294.00 g/sq.ft.
Advection in from atmosphere = 381.89 g/sq.ft.
Advection in from water table = -11.238 g/sq.ft.
Diffusion in from atmosphere = -58.558 g/sq.ft.
Diffusion in from water table = -18.092 g/sq.ft.
Total inflow at boundaries = 294.00 g/sq.ft.
Mass discrepancy = 0.24414E-03g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 301.07 g/sq.ft.
Mass in gas phase = 6.2466 g/sq.ft.
Mass in liquid phase = 30.406 g/sq.ft.
Mass sorbed = 264.41 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 7.0638 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.2250 g/sq.ft.
Diffusion in from atmosphere = -3.4427 g/sq.ft.
Diffusion in from water table = -1.4373 g/sq.ft.
Total inflow at boundaries = 7.0638 g/sq.ft.
Mass discrepancy = -0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 301.07 g/sq.ft.
Advection in from atmosphere = 395.06 g/sq.ft.
Advection in from water table = -12.463 g/sq.ft.
Diffusion in from atmosphere = -62.001 g/sq.ft.
Diffusion in from water table = -19.529 g/sq.ft.
Total inflow at boundaries = 301.07 g/sq.ft.
Mass discrepancy = 0.24414E-03g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 307.94 g/sq.ft.
Mass in gas phase = 6.3891 g/sq.ft.
Mass in liquid phase = 31.100 g/sq.ft.
Mass sorbed = 270.45 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 6.8697 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.3063 g/sq.ft.
Diffusion in from atmosphere = -3.4991 g/sq.ft.
Diffusion in from water table = -1.4937 g/sq.ft.
Total inflow at boundaries = 6.8696 g/sq.ft.
Mass discrepancy = 0.57697E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 307.94 g/sq.ft.
Advection in from atmosphere = 408.23 g/sq.ft.
Advection in from water table = -13.770 g/sq.ft.

Diffusion in from atmosphere = -65.500 g/sq.ft.
Diffusion in from water table = -21.023 g/sq.ft.
Total inflow at boundaries = 307.94 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 314.61 g/sq.ft.
Mass in gas phase = 6.5277 g/sq.ft.
Mass in liquid phase = 31.774 g/sq.ft.
Mass sorbed = 276.31 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 6.6772 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.3890 g/sq.ft.
Diffusion in from atmosphere = -3.5529 g/sq.ft.
Diffusion in from water table = -1.5496 g/sq.ft.
Total inflow at boundaries = 6.6772 g/sq.ft.
Mass discrepancy = 0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 314.61 g/sq.ft.
Advection in from atmosphere = 421.40 g/sq.ft.
Advection in from water table = -15.159 g/sq.ft.
Diffusion in from atmosphere = -69.053 g/sq.ft.
Diffusion in from water table = -22.573 g/sq.ft.
Total inflow at boundaries = 314.61 g/sq.ft.
Mass discrepancy = 0.33569E-03g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 321.10 g/sq.ft.
Mass in gas phase = 6.6623 g/sq.ft.
Mass in liquid phase = 32.429 g/sq.ft.
Mass sorbed = 282.01 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 6.4868 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.4729 g/sq.ft.
Diffusion in from atmosphere = -3.6042 g/sq.ft.
Diffusion in from water table = -1.6049 g/sq.ft.
Total inflow at boundaries = 6.4867 g/sq.ft.

Mass discrepancy = 0.24319E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 321.10 g/sq.ft.
Advection in from atmosphere = 434.57 g/sq.ft.
Advection in from water table = -16.631 g/sq.ft.
Diffusion in from atmosphere = -72.657 g/sq.ft.
Diffusion in from water table = -24.177 g/sq.ft.
Total inflow at boundaries = 321.10 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 327.40 g/sq.ft.
Mass in gas phase = 6.7929 g/sq.ft.
Mass in liquid phase = 33.065 g/sq.ft.
Mass sorbed = 287.54 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 6.2983 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.5577 g/sq.ft.
Diffusion in from atmosphere = -3.6531 g/sq.ft.
Diffusion in from water table = -1.6596 g/sq.ft.
Total inflow at boundaries = 6.2983 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 327.40 g/sq.ft.
Advection in from atmosphere = 447.74 g/sq.ft.
Advection in from water table = -18.189 g/sq.ft.
Diffusion in from atmosphere = -76.310 g/sq.ft.
Diffusion in from water table = -25.837 g/sq.ft.
Total inflow at boundaries = 327.40 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 333.51 g/sq.ft.
Mass in gas phase = 6.9197 g/sq.ft.
Mass in liquid phase = 33.683 g/sq.ft.
Mass sorbed = 292.91 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 6.1121 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.6433 g/sq.ft.
Diffusion in from atmosphere = -3.6998 g/sq.ft.
Diffusion in from water table = -1.7135 g/sq.ft.
Total inflow at boundaries = 6.1121 g/sq.ft.
Mass discrepancy = 0.47207E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 333.51 g/sq.ft.
Advection in from atmosphere = 460.90 g/sq.ft.
Advection in from water table = -19.832 g/sq.ft.
Diffusion in from atmosphere = -80.010 g/sq.ft.
Diffusion in from water table = -27.551 g/sq.ft.
Total inflow at boundaries = 333.51 g/sq.ft.
Mass discrepancy = 0.42725E-03g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 339.44 g/sq.ft.
Mass in gas phase = 7.0427 g/sq.ft.
Mass in liquid phase = 34.281 g/sq.ft.
Mass sorbed = 298.12 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 5.9282 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.7296 g/sq.ft.
Diffusion in from atmosphere = -3.7442 g/sq.ft.
Diffusion in from water table = -1.7667 g/sq.ft.
Total inflow at boundaries = 5.9282 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 339.44 g/sq.ft.
Advection in from atmosphere = 474.07 g/sq.ft.
Advection in from water table = -21.562 g/sq.ft.
Diffusion in from atmosphere = -83.754 g/sq.ft.
Diffusion in from water table = -29.317 g/sq.ft.
Total inflow at boundaries = 339.44 g/sq.ft.
Mass discrepancy = 0.45776E-03g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 345.19 g/sq.ft.
Mass in gas phase = 7.1620 g/sq.ft.
Mass in liquid phase = 34.862 g/sq.ft.
Mass sorbed = 303.16 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 5.7467 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.8163 g/sq.ft.
Diffusion in from atmosphere = -3.7866 g/sq.ft.
Diffusion in from water table = -1.8191 g/sq.ft.
Total inflow at boundaries = 5.7467 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 345.19 g/sq.ft.
Advection in from atmosphere = 487.24 g/sq.ft.
Advection in from water table = -23.378 g/sq.ft.
Diffusion in from atmosphere = -87.541 g/sq.ft.
Diffusion in from water table = -31.136 g/sq.ft.
Total inflow at boundaries = 345.19 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 350.75 g/sq.ft.
Mass in gas phase = 7.2775 g/sq.ft.
Mass in liquid phase = 35.424 g/sq.ft.
Mass sorbed = 308.05 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 5.5678 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.9032 g/sq.ft.
Diffusion in from atmosphere = -3.8270 g/sq.ft.
Diffusion in from water table = -1.8706 g/sq.ft.
Total inflow at boundaries = 5.5678 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 350.75 g/sq.ft.
Advection in from atmosphere = 500.41 g/sq.ft.
Advection in from water table = -25.281 g/sq.ft.

Diffusion in from atmosphere = -91.368 g/sq.ft.
Diffusion in from water table = -33.007 g/sq.ft.
Total inflow at boundaries = 350.75 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 356.15 g/sq.ft.
Mass in gas phase = 7.3894 g/sq.ft.
Mass in liquid phase = 35.969 g/sq.ft.
Mass sorbed = 312.79 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 5.3917 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -1.9903 g/sq.ft.
Diffusion in from atmosphere = -3.8655 g/sq.ft.
Diffusion in from water table = -1.9212 g/sq.ft.
Total inflow at boundaries = 5.3917 g/sq.ft.
Mass discrepancy = 0.37670E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 356.15 g/sq.ft.
Advection in from atmosphere = 513.58 g/sq.ft.
Advection in from water table = -27.272 g/sq.ft.
Diffusion in from atmosphere = -95.233 g/sq.ft.
Diffusion in from water table = -34.928 g/sq.ft.
Total inflow at boundaries = 356.15 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 361.36 g/sq.ft.
Mass in gas phase = 7.4976 g/sq.ft.
Mass in liquid phase = 36.496 g/sq.ft.
Mass sorbed = 317.37 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 5.2183 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.0774 g/sq.ft.
Diffusion in from atmosphere = -3.9022 g/sq.ft.
Diffusion in from water table = -1.9708 g/sq.ft.
Total inflow at boundaries = 5.2183 g/sq.ft.

Mass discrepancy = 0.95367E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 361.36 g/sq.ft.
Advection in from atmosphere = 526.75 g/sq.ft.
Advection in from water table = -29.349 g/sq.ft.
Diffusion in from atmosphere = -99.135 g/sq.ft.
Diffusion in from water table = -36.899 g/sq.ft.
Total inflow at boundaries = 361.36 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 366.41 g/sq.ft.
Mass in gas phase = 7.6024 g/sq.ft.
Mass in liquid phase = 37.005 g/sq.ft.
Mass sorbed = 321.80 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 5.0479 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.1643 g/sq.ft.
Diffusion in from atmosphere = -3.9370 g/sq.ft.
Diffusion in from water table = -2.0195 g/sq.ft.
Total inflow at boundaries = 5.0478 g/sq.ft.
Mass discrepancy = 0.60558E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 366.41 g/sq.ft.
Advection in from atmosphere = 539.92 g/sq.ft.
Advection in from water table = -31.513 g/sq.ft.
Diffusion in from atmosphere = -103.07 g/sq.ft.
Diffusion in from water table = -38.918 g/sq.ft.
Total inflow at boundaries = 366.41 g/sq.ft.
Mass discrepancy = 0.54932E-03g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 371.29 g/sq.ft.
Mass in gas phase = 7.7036 g/sq.ft.
Mass in liquid phase = 37.498 g/sq.ft.
Mass sorbed = 326.09 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 4.8803 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.2508 g/sq.ft.
Diffusion in from atmosphere = -3.9703 g/sq.ft.
Diffusion in from water table = -2.0672 g/sq.ft.
Total inflow at boundaries = 4.8804 g/sq.ft.
Mass discrepancy = -0.28610E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 371.29 g/sq.ft.
Advection in from atmosphere = 553.08 g/sq.ft.
Advection in from water table = -33.764 g/sq.ft.
Diffusion in from atmosphere = -107.04 g/sq.ft.
Diffusion in from water table = -40.986 g/sq.ft.
Total inflow at boundaries = 371.29 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 376.01 g/sq.ft.
Mass in gas phase = 7.8015 g/sq.ft.
Mass in liquid phase = 37.975 g/sq.ft.
Mass sorbed = 330.23 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 4.7160 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.3369 g/sq.ft.
Diffusion in from atmosphere = -4.0019 g/sq.ft.
Diffusion in from water table = -2.1138 g/sq.ft.
Total inflow at boundaries = 4.7160 g/sq.ft.
Mass discrepancy = 0.20027E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 376.01 g/sq.ft.
Advection in from atmosphere = 566.25 g/sq.ft.
Advection in from water table = -36.101 g/sq.ft.
Diffusion in from atmosphere = -111.04 g/sq.ft.
Diffusion in from water table = -43.099 g/sq.ft.
Total inflow at boundaries = 376.01 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 380.56 g/sq.ft.
Mass in gas phase = 7.8960 g/sq.ft.
Mass in liquid phase = 38.435 g/sq.ft.
Mass sorbed = 334.23 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 4.5548 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.4224 g/sq.ft.
Diffusion in from atmosphere = -4.0320 g/sq.ft.
Diffusion in from water table = -2.1594 g/sq.ft.
Total inflow at boundaries = 4.5548 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 380.56 g/sq.ft.
Advection in from atmosphere = 579.42 g/sq.ft.
Advection in from water table = -38.524 g/sq.ft.
Diffusion in from atmosphere = -115.08 g/sq.ft.
Diffusion in from water table = -45.259 g/sq.ft.
Total inflow at boundaries = 380.56 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 384.96 g/sq.ft.
Mass in gas phase = 7.9872 g/sq.ft.
Mass in liquid phase = 38.879 g/sq.ft.
Mass sorbed = 338.09 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 4.3970 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.5072 g/sq.ft.
Diffusion in from atmosphere = -4.0606 g/sq.ft.
Diffusion in from water table = -2.2040 g/sq.ft.
Total inflow at boundaries = 4.3969 g/sq.ft.
Mass discrepancy = 0.59605E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 384.96 g/sq.ft.
Advection in from atmosphere = 592.59 g/sq.ft.
Advection in from water table = -41.031 g/sq.ft.

Diffusion in from atmosphere = -119.14 g/sq.ft.
Diffusion in from water table = -47.463 g/sq.ft.
Total inflow at boundaries = 384.96 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 389.20 g/sq.ft.
Mass in gas phase = 8.0752 g/sq.ft.
Mass in liquid phase = 39.307 g/sq.ft.
Mass sorbed = 341.82 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 4.2423 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.5911 g/sq.ft.
Diffusion in from atmosphere = -4.0878 g/sq.ft.
Diffusion in from water table = -2.2474 g/sq.ft.
Total inflow at boundaries = 4.2423 g/sq.ft.
Mass discrepancy = 0.35286E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 389.20 g/sq.ft.
Advection in from atmosphere = 605.76 g/sq.ft.
Advection in from water table = -43.622 g/sq.ft.
Diffusion in from atmosphere = -123.23 g/sq.ft.
Diffusion in from water table = -49.710 g/sq.ft.
Total inflow at boundaries = 389.20 g/sq.ft.
Mass discrepancy = 0.54932E-03g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 393.29 g/sq.ft.
Mass in gas phase = 8.1601 g/sq.ft.
Mass in liquid phase = 39.720 g/sq.ft.
Mass sorbed = 345.41 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 4.0911 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.6741 g/sq.ft.
Diffusion in from atmosphere = -4.1137 g/sq.ft.
Diffusion in from water table = -2.2897 g/sq.ft.
Total inflow at boundaries = 4.0911 g/sq.ft.

Mass discrepancy = -0.47684E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 393.29 g/sq.ft.
Advection in from atmosphere = 618.93 g/sq.ft.
Advection in from water table = -46.296 g/sq.ft.
Diffusion in from atmosphere = -127.34 g/sq.ft.
Diffusion in from water table = -52.000 g/sq.ft.
Total inflow at boundaries = 393.29 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 397.24 g/sq.ft.
Mass in gas phase = 8.2419 g/sq.ft.
Mass in liquid phase = 40.118 g/sq.ft.
Mass sorbed = 348.88 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 3.9433 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.7561 g/sq.ft.
Diffusion in from atmosphere = -4.1384 g/sq.ft.
Diffusion in from water table = -2.3310 g/sq.ft.
Total inflow at boundaries = 3.9433 g/sq.ft.
Mass discrepancy = 0.42915E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 397.24 g/sq.ft.
Advection in from atmosphere = 632.10 g/sq.ft.
Advection in from water table = -49.052 g/sq.ft.
Diffusion in from atmosphere = -131.48 g/sq.ft.
Diffusion in from water table = -54.331 g/sq.ft.
Total inflow at boundaries = 397.24 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 401.04 g/sq.ft.
Mass in gas phase = 8.3208 g/sq.ft.
Mass in liquid phase = 40.502 g/sq.ft.
Mass sorbed = 352.21 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 3.7989 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.8369 g/sq.ft.
Diffusion in from atmosphere = -4.1618 g/sq.ft.
Diffusion in from water table = -2.3711 g/sq.ft.
Total inflow at boundaries = 3.7989 g/sq.ft.
Mass discrepancy = 0.17405E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 401.04 g/sq.ft.
Advection in from atmosphere = 645.27 g/sq.ft.
Advection in from water table = -51.889 g/sq.ft.
Diffusion in from atmosphere = -135.64 g/sq.ft.
Diffusion in from water table = -56.702 g/sq.ft.
Total inflow at boundaries = 401.04 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 404.69 g/sq.ft.
Mass in gas phase = 8.3967 g/sq.ft.
Mass in liquid phase = 40.872 g/sq.ft.
Mass sorbed = 355.43 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 3.6581 g/sq.ft.
Advection in from atmosphere = 13.169 g/sq.ft.
Advection in from water table = -2.9165 g/sq.ft.
Diffusion in from atmosphere = -4.1840 g/sq.ft.
Diffusion in from water table = -2.4101 g/sq.ft.
Total inflow at boundaries = 3.6580 g/sq.ft.
Mass discrepancy = 0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 404.69 g/sq.ft.
Advection in from atmosphere = 658.43 g/sq.ft.
Advection in from water table = -54.806 g/sq.ft.
Diffusion in from atmosphere = -139.82 g/sq.ft.
Diffusion in from water table = -59.112 g/sq.ft.
Total inflow at boundaries = 404.69 g/sq.ft.
Mass discrepancy = 0.54932E-03g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.32029E-02	4.1318
2.00	0.35720E-01	46.079
3.00	0.72295E-01	93.260
4.00	0.11308	145.88
5.00	0.15822	204.11
6.00	0.20784	268.11
7.00	0.26203	338.02
8.00	0.32087	413.93
9.00	0.38443	495.91
10.00	0.45272	584.01
11.00	0.52576	678.23
12.00	0.60352	778.54
13.00	0.68597	884.90
14.00	0.77303	997.20
15.00	0.86460	1115.3
16.00	0.96059	1239.2
17.00	1.0608	1368.5
18.00	1.1652	1503.1
19.00	1.2735	1642.8
20.00	1.3856	1787.4
21.00	1.5012	1936.5
22.00	1.6201	2089.9
23.00	1.7421	2247.3
24.00	1.8670	2408.4
25.00	1.9945	2572.9
26.00	2.1244	2740.4
27.00	2.2563	2910.6
28.00	2.3901	3083.3
29.00	2.5255	3257.9
30.00	2.6622	3434.3
31.00	2.8000	3612.0
32.00	2.9386	3790.8
33.00	3.0778	3970.3
34.00	3.2173	4150.3
35.00	3.3568	4330.3
36.00	3.4963	4510.2
37.00	3.6353	4689.6
38.00	3.7738	4868.2
39.00	3.9115	5045.9
40.00	4.0482	5222.2
41.00	4.1838	5397.1

42.00	4.3180	5570.3
43.00	4.4508	5741.5
44.00	4.5819	5910.6
45.00	4.7112	6077.4
46.00	4.8385	6241.7
47.00	4.9639	6403.4
48.00	5.0871	6562.3
49.00	5.2080	6718.3
50.00	5.3266	6871.4

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	4.1318	4.1318
2.00	46.079	50.211
3.00	93.260	143.47
4.00	145.88	289.35
5.00	204.11	493.45
6.00	268.11	761.56
7.00	338.02	1099.6
8.00	413.93	1513.5
9.00	495.91	2009.4
10.00	584.01	2593.4
11.00	678.23	3271.6
12.00	778.54	4050.2
13.00	884.90	4935.1
14.00	997.20	5932.3
15.00	1115.3	7047.6
16.00	1239.2	8286.8
17.00	1368.5	9655.3
18.00	1503.1	11158.
19.00	1642.8	12801.
20.00	1787.4	14589.
21.00	1936.5	16525.
22.00	2089.9	18615.
23.00	2247.3	20862.
24.00	2408.4	23271.
25.00	2572.9	25844.
26.00	2740.4	28584.
27.00	2910.6	31495.
28.00	3083.3	34578.
29.00	3257.9	37836.

30.00	3434.3	41270.
31.00	3612.0	44882.
32.00	3790.8	48673.
33.00	3970.3	52643.
34.00	4150.3	56794.
35.00	4330.3	61124.
36.00	4510.2	65634.
37.00	4689.6	70324.
38.00	4868.2	75192.
39.00	5045.9	80238.
40.00	5222.2	85460.
41.00	5397.1	90857.
42.00	5570.3	96427.
43.00	5741.5	0.10217E+06
44.00	5910.6	0.10808E+06
45.00	6077.4	0.11416E+06
46.00	6241.7	0.12040E+06
47.00	6403.4	0.12680E+06
48.00	6562.3	0.13336E+06
49.00	6718.3	0.14008E+06
50.00	6871.4	0.14695E+06

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|------------------------------------------------------------|
 |                  VLEACH (Version 2.2a, 1996)               |
 |                                                            |
 |                            By:                             |
 |         Varadhan Ravi and Jeffrey A. Johnson               |
 |                   (USEPA Contractors)                      |
 |         Center for Subsurface Modeling Support             |
 |         Robert S. Kerr Environmental Research Laboratory   |
 |         U.S. Environmental Protection Agency               |
 |         P.O. Box 1198                                      |
 |         Ada, OK 74820                                      |
 |                                                            |
 |         Based on the original VLEACH (version 1.0)         |
 |         developed by CH2M Hill, Redding, California        |
 |         for USEPA Region IX                                |
 |------------------------------------------------------------|
```

Polygon1

Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000

8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.41941	1.3066	0.61921E-04
2	0.18249	0.56850	0.26942E-04
3	0.79403E-01	0.24736	0.11723E-04
4	0.34549E-01	0.10763	0.51008E-05
5	0.15033E-01	0.46831E-01	0.22194E-05
6	0.65409E-02	0.20377E-01	0.96569E-06
7	0.28460E-02	0.88662E-02	0.42019E-06
8	0.12383E-02	0.38578E-02	0.18283E-06
9	0.53882E-03	0.16786E-02	0.79550E-07
10	0.23445E-03	0.73036E-03	0.34613E-07

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.79354	2.4721	0.11716E-03
2	0.36634	1.1412	0.54086E-04
3	0.16866	0.52541	0.24900E-04
4	0.77489E-01	0.24140	0.11440E-04
5	0.35562E-01	0.11078	0.52503E-05
6	0.16321E-01	0.50844E-01	0.24096E-05
7	0.75012E-02	0.23368E-01	0.11075E-05
8	0.34557E-02	0.10766E-01	0.51020E-06
9	0.15925E-02	0.49610E-02	0.23511E-06
10	0.72451E-03	0.22570E-02	0.10697E-06

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1273	3.5118	0.16643E-03
2	0.54915	1.7108	0.81076E-04
3	0.26579	0.82801	0.39241E-04
4	0.12801	0.39880	0.18900E-04
5	0.61463E-01	0.19147	0.90743E-05
6	0.29475E-01	0.91822E-01	0.43516E-05
7	0.14148E-01	0.44074E-01	0.20888E-05
8	0.68047E-02	0.21198E-01	0.10046E-05
9	0.32687E-02	0.10183E-01	0.48258E-06

10	0.15396E-02	0.47963E-02	0.22731E-06

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4251	4.4395	0.21040E-03
2	0.72904	2.2712	0.10763E-03
3	0.36903	1.1496	0.54483E-04
4	0.18530	0.57727	0.27358E-04
5	0.92538E-01	0.28828	0.13662E-04
6	0.46079E-01	0.14355	0.68030E-05
7	0.22935E-01	0.71449E-01	0.33861E-05
8	0.11424E-01	0.35590E-01	0.16867E-05
9	0.56722E-02	0.17671E-01	0.83744E-06
10	0.27509E-02	0.85697E-02	0.40614E-06

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.6907	5.2671	0.24962E-03
2	0.90452	2.8178	0.13354E-03
3	0.47679	1.4853	0.70393E-04
4	0.24854	0.77425	0.36693E-04
5	0.12853	0.40041	0.18976E-04
6	0.66154E-01	0.20609	0.97669E-05
7	0.33980E-01	0.10586	0.50168E-05
8	0.17439E-01	0.54328E-01	0.25747E-05
9	0.89037E-02	0.27737E-01	0.13145E-05
10	0.44299E-02	0.13800E-01	0.65403E-06

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.9278	6.0056	0.28462E-03
2	1.0745	3.3473	0.15864E-03
3	0.58768	1.8308	0.86764E-04
4	0.31690	0.98722	0.46786E-04
5	0.16914	0.52692	0.24972E-04
6	0.89676E-01	0.27936	0.13240E-04
7	0.47369E-01	0.14757	0.69935E-05
8	0.24957E-01	0.77749E-01	0.36847E-05
9	0.13058E-01	0.40678E-01	0.19278E-05
10	0.66478E-02	0.20710E-01	0.98147E-06

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.1393	6.6645	0.31585E-03
2	1.2381	3.8570	0.18279E-03
3	0.70046	2.1821	0.10342E-03
4	0.38961	1.2137	0.57521E-04
5	0.21403	0.66675	0.31598E-04
6	0.11658	0.36316	0.17211E-04
7	0.63155E-01	0.19675	0.93242E-05
8	0.34070E-01	0.10614	0.50300E-05
9	0.18221E-01	0.56763E-01	0.26901E-05
10	0.94737E-02	0.29513E-01	0.13987E-05

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.3281	7.2526	0.34372E-03
2	1.3948	4.3451	0.20592E-03
3	0.81406	2.5360	0.12019E-03
4	0.46591	1.4514	0.68787E-04
5	0.26282	0.81876	0.38803E-04
6	0.14675	0.45715	0.21665E-04
7	0.81365E-01	0.25347	0.12013E-04
8	0.44851E-01	0.13972	0.66217E-05
9	0.24473E-01	0.76240E-01	0.36132E-05
10	0.12974E-01	0.40418E-01	0.19155E-05

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.4966	7.7775	0.36859E-03
2	1.5441	4.8104	0.22797E-03
3	0.92756	2.8896	0.13694E-03
4	0.54511	1.6982	0.80479E-04
5	0.31515	0.98178	0.46529E-04
6	0.18005	0.56092	0.26583E-04
7	0.10200	0.31775	0.15059E-04
8	0.57357E-01	0.17868	0.84680E-05
9	0.31884E-01	0.99326E-01	0.47073E-05
10	0.17213E-01	0.53622E-01	0.25412E-05

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.6469	8.2459	0.39079E-03
2	1.6859	5.2522	0.24891E-03
3	1.0402	3.2404	0.15357E-03
4	0.62652	1.9518	0.92499E-04
5	0.37062	1.1546	0.54718E-04
6	0.21633	0.67394	0.31939E-04
7	0.12503	0.38949	0.18459E-04
8	0.71626E-01	0.22313	0.10575E-04
9	0.40513E-01	0.12621	0.59813E-05
10	0.22247E-01	0.69307E-01	0.32846E-05

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.7812	8.6641	0.41061E-03
2	1.8201	5.6702	0.26872E-03
3	1.1512	3.5862	0.16996E-03
4	0.70954	2.2104	0.10476E-03
5	0.42884	1.3360	0.63314E-04
6	0.25540	0.79564	0.37707E-04
7	0.15040	0.46854	0.22205E-04
8	0.87681E-01	0.27315	0.12945E-04
9	0.50411E-01	0.15704	0.74426E-05
10	0.28132E-01	0.87640E-01	0.41534E-05

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.9010	9.0374	0.42830E-03
2	1.9467	6.0646	0.28741E-03
3	1.2601	3.9255	0.18604E-03
4	0.79359	2.4722	0.11716E-03
5	0.48943	1.5247	0.72259E-04
6	0.29705	0.92540	0.43857E-04
7	0.17805	0.55469	0.26288E-04
8	0.10553	0.32875	0.15580E-04
9	0.61616E-01	0.19195	0.90970E-05
10	0.34916E-01	0.10877	0.51550E-05

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.0080	9.3707	0.44410E-03
2	2.0658	6.4356	0.30499E-03
3	1.3664	4.2566	0.20173E-03
4	0.87815	2.7357	0.12965E-03
5	0.55200	1.7196	0.81496E-04
6	0.34108	1.0626	0.50356E-04
7	0.20790	0.64766	0.30694E-04
8	0.12516	0.38990	0.18478E-04
9	0.74159E-01	0.23103	0.10949E-04
10	0.42640E-01	0.13284	0.62954E-05

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.1035	9.6684	0.45820E-03
2	2.1776	6.7837	0.32149E-03
3	1.4697	4.5785	0.21699E-03
4	0.96275	2.9992	0.14214E-03
5	0.61618	1.9196	0.90972E-04
6	0.38725	1.2064	0.57173E-04
7	0.23983	0.74714	0.35408E-04
8	0.14655	0.45653	0.21636E-04
9	0.88058E-01	0.27432	0.13001E-04
10	0.51341E-01	0.15994	0.75799E-05

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.1889	9.9342	0.47080E-03
2	2.2822	7.1097	0.33694E-03
3	1.5698	4.8902	0.23176E-03
4	1.0470	3.2616	0.15457E-03
5	0.68162	2.1234	0.10063E-03
6	0.43534	1.3562	0.64274E-04
7	0.27374	0.85276	0.40414E-04
8	0.16966	0.52852	0.25048E-04
9	0.10332	0.32187	0.15254E-04
10	0.61048E-01	0.19018	0.90130E-05

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.2651	10.172	0.48205E-03
2	2.3800	7.4143	0.35138E-03
3	1.6663	5.1911	0.24602E-03
4	1.1305	3.5217	0.16690E-03
5	0.74798	2.3302	0.11043E-03
6	0.48512	1.5113	0.71623E-04
7	0.30948	0.96413	0.45692E-04
8	0.19444	0.60573	0.28707E-04
9	0.11995	0.37367	0.17709E-04
10	0.71783E-01	0.22362	0.10598E-04

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.3332	10.384	0.49210E-03
2	2.4712	7.6984	0.36484E-03
3	1.7593	5.4805	0.25973E-03
4	1.2128	3.7783	0.17906E-03
5	0.81496	2.5388	0.12032E-03
6	0.53636	1.6709	0.79188E-04
7	0.34694	1.0808	0.51222E-04
8	0.22083	0.68795	0.32604E-04
9	0.13792	0.42967	0.20363E-04
10	0.83563E-01	0.26032	0.12337E-04

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.3940	10.573	0.50109E-03
2	2.5561	7.9629	0.37738E-03
3	1.8484	5.7582	0.27289E-03
4	1.2939	4.0307	0.19102E-03
5	0.88224	2.7484	0.13025E-03
6	0.58883	1.8344	0.86934E-04
7	0.38597	1.2024	0.56984E-04
8	0.24877	0.77498	0.36728E-04
9	0.15723	0.48982	0.23214E-04
10	0.96397E-01	0.30030	0.14232E-04

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.4484	10.743	0.50911E-03
2	2.6351	8.2089	0.38904E-03
3	1.9337	6.0240	0.28549E-03
4	1.3733	4.2780	0.20275E-03
5	0.94955	2.9581	0.14019E-03
6	0.64230	2.0009	0.94829E-04
7	0.42642	1.3284	0.62956E-04
8	0.27817	0.86657	0.41069E-04
9	0.17784	0.55403	0.26257E-04
10	0.11029	0.34357	0.16283E-04

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.4969	10.894	0.51628E-03
2	2.7084	8.4373	0.39986E-03
3	2.0151	6.2777	0.29751E-03
4	1.4508	4.5197	0.21420E-03
5	1.0166	3.1671	0.15010E-03
6	0.69657	2.1700	0.10284E-03
7	0.46813	1.4584	0.69115E-04
8	0.30895	0.96245	0.45613E-04
9	0.19972	0.62219	0.29487E-04
10	0.12523	0.39012	0.18489E-04

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.5404	11.029	0.52269E-03
2	2.7764	8.6492	0.40990E-03
3	2.0927	6.5194	0.30897E-03
4	1.5264	4.7551	0.22535E-03
5	1.0833	3.3747	0.15994E-03
6	0.75141	2.3408	0.11094E-03
7	0.51097	1.5918	0.75439E-04
8	0.34101	1.0623	0.50346E-04
9	0.22282	0.69415	0.32897E-04
10	0.14121	0.43992	0.20849E-04

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.5792	11.150	0.52843E-03
2	2.8394	8.8454	0.41920E-03
3	2.1665	6.7491	0.31986E-03
4	1.5998	4.9837	0.23619E-03
5	1.1493	3.5803	0.16968E-03
6	0.80664	2.5129	0.11909E-03
7	0.55477	1.7282	0.81905E-04
8	0.37426	1.1659	0.55256E-04
9	0.24710	0.76978	0.36481E-04
10	0.15822	0.49291	0.23360E-04

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.6139	11.258	0.53355E-03
2	2.8976	9.0269	0.42780E-03
3	2.2365	6.9672	0.33019E-03
4	1.6709	5.2053	0.24669E-03
5	1.2144	3.7832	0.17929E-03
6	0.86206	2.6855	0.12727E-03
7	0.59938	1.8672	0.88492E-04
8	0.40860	1.2729	0.60326E-04
9	0.27249	0.84888	0.40230E-04
10	0.17624	0.54903	0.26020E-04

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.6450	11.355	0.53814E-03
2	2.9515	9.1948	0.43576E-03
3	2.3028	7.1737	0.33998E-03
4	1.7397	5.4196	0.25685E-03
5	1.2785	3.9829	0.18876E-03
6	0.91749	2.8582	0.13546E-03
7	0.64467	2.0083	0.95178E-04
8	0.44393	1.3830	0.65541E-04
9	0.29894	0.93128	0.44135E-04
10	0.19523	0.60820	0.28824E-04

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.6728	11.442	0.54224E-03
2	3.0013	9.3498	0.44310E-03
3	2.3655	7.3691	0.34923E-03
4	1.8060	5.6263	0.26664E-03
5	1.3414	4.1790	0.19805E-03
6	0.97277	3.0304	0.14362E-03
7	0.69047	2.1510	0.10194E-03
8	0.48013	1.4957	0.70886E-04
9	0.32638	1.0168	0.48187E-04
10	0.21517	0.67031	0.31767E-04

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.6976	11.519	0.54592E-03
2	3.0472	9.4928	0.44988E-03
3	2.4247	7.5535	0.35798E-03
4	1.8699	5.8253	0.27607E-03
5	1.4031	4.3710	0.20715E-03
6	1.0277	3.2017	0.15173E-03
7	0.73666	2.2949	0.10876E-03
8	0.51711	1.6109	0.76345E-04
9	0.35475	1.1051	0.52375E-04
10	0.23602	0.73525	0.34845E-04

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7199	11.589	0.54920E-03
2	3.0895	9.6247	0.45614E-03
3	2.4805	7.7275	0.36622E-03
4	1.9313	6.0166	0.28514E-03
5	1.4633	4.5586	0.21604E-03
6	1.0823	3.3715	0.15978E-03
7	0.78310	2.4396	0.11562E-03
8	0.55475	1.7282	0.81903E-04
9	0.38397	1.1962	0.56688E-04
10	0.25773	0.80291	0.38051E-04

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7398	11.651	0.55215E-03
2	3.1286	9.7463	0.46190E-03
3	2.5331	7.8914	0.37399E-03
4	1.9902	6.2001	0.29384E-03
5	1.5220	4.7416	0.22471E-03
6	1.1362	3.5396	0.16775E-03
7	0.82965	2.5846	0.12249E-03
8	0.59296	1.8472	0.87544E-04
9	0.41396	1.2896	0.61117E-04
10	0.28028	0.87313	0.41380E-04

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7577	11.706	0.55478E-03
2	3.1645	9.8583	0.46720E-03
3	2.5826	8.0455	0.38129E-03
4	2.0467	6.3759	0.30217E-03
5	1.5792	4.9196	0.23315E-03
6	1.1894	3.7054	0.17561E-03
7	0.87621	2.7296	0.12936E-03
8	0.63163	1.9677	0.93253E-04
9	0.44466	1.3852	0.65649E-04
10	0.30360	0.94579	0.44823E-04

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7737	11.756	0.55715E-03
2	3.1976	9.9613	0.47209E-03
3	2.6291	8.1903	0.38816E-03
4	2.1006	6.5439	0.31013E-03
5	1.6347	5.0924	0.24134E-03
6	1.2419	3.8687	0.18335E-03
7	0.92264	2.8743	0.13622E-03
8	0.67065	2.0892	0.99014E-04
9	0.47599	1.4828	0.70274E-04
10	0.32765	1.0207	0.48373E-04

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7880	11.801	0.55926E-03
2	3.2280	10.056	0.47658E-03
3	2.6727	8.3263	0.39460E-03
4	2.1521	6.7044	0.31774E-03
5	1.6885	5.2600	0.24928E-03
6	1.2934	4.0292	0.19095E-03
7	0.96884	3.0182	0.14304E-03
8	0.70993	2.2116	0.10481E-03
9	0.50786	1.5821	0.74980E-04
10	0.35237	1.0977	0.52024E-04

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8009	11.841	0.56116E-03
2	3.2560	10.143	0.48071E-03
3	2.7137	8.4538	0.40064E-03
4	2.2012	6.8574	0.32499E-03
5	1.7405	5.4221	0.25697E-03
6	1.3439	4.1866	0.19841E-03
7	1.0147	3.1611	0.14981E-03
8	0.74937	2.3345	0.11064E-03
9	0.54021	1.6829	0.79756E-04
10	0.37773	1.1767	0.55767E-04

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8124	11.877	0.56286E-03
2	3.2817	10.223	0.48451E-03
3	2.7520	8.5732	0.40630E-03
4	2.2480	7.0031	0.33189E-03
5	1.7908	5.5788	0.26439E-03
6	1.3934	4.3407	0.20571E-03
7	1.0601	3.3026	0.15652E-03
8	0.78888	2.4576	0.11647E-03
9	0.57296	1.7849	0.84591E-04
10	0.40364	1.2575	0.59594E-04

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8228	11.909	0.56439E-03
2	3.3053	10.297	0.48800E-03
3	2.7879	8.6850	0.41160E-03
4	2.2925	7.1417	0.33846E-03
5	1.8393	5.7300	0.27155E-03
6	1.4417	4.4912	0.21285E-03
7	1.1051	3.4426	0.16315E-03
8	0.82837	2.5806	0.12230E-03
9	0.60602	1.8879	0.89472E-04
10	0.43008	1.3398	0.63496E-04

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8321	11.938	0.56576E-03
2	3.3270	10.365	0.49120E-03
3	2.8215	8.7896	0.41656E-03
4	2.3347	7.2733	0.34470E-03
5	1.8860	5.8755	0.27845E-03
6	1.4888	4.6381	0.21981E-03
7	1.1494	3.5807	0.16970E-03
8	0.86776	2.7033	0.12812E-03
9	0.63934	1.9917	0.94391E-04
10	0.45696	1.4236	0.67466E-04

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8404	11.964	0.56699E-03
2	3.3470	10.427	0.49414E-03
3	2.8528	8.8873	0.42119E-03
4	2.3748	7.3983	0.35062E-03
5	1.9310	6.0156	0.28509E-03
6	1.5347	4.7811	0.22659E-03
7	1.1931	3.7167	0.17614E-03
8	0.90697	2.8254	0.13390E-03
9	0.67282	2.0960	0.99335E-04
10	0.48425	1.5086	0.71494E-04

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8479	11.987	0.56810E-03
2	3.3653	10.484	0.49684E-03
3	2.8821	8.9786	0.42551E-03
4	2.4129	7.5167	0.35623E-03
5	1.9742	6.1501	0.29146E-03
6	1.5794	4.9201	0.23318E-03
7	1.2360	3.8505	0.18248E-03
8	0.94592	2.9468	0.13965E-03
9	0.70642	2.2007	0.10429E-03
10	0.51188	1.5946	0.75573E-04

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8547	12.008	0.56910E-03
2	3.3821	10.536	0.49932E-03
3	2.9095	9.0637	0.42955E-03
4	2.4489	7.6288	0.36155E-03
5	2.0156	6.2791	0.29758E-03
6	1.6227	5.0551	0.23957E-03
7	1.2781	3.9817	0.18870E-03
8	0.98454	3.0671	0.14536E-03
9	0.74005	2.3054	0.10926E-03
10	0.53979	1.6816	0.79694E-04

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8607	12.027	0.56999E-03
2	3.3975	10.584	0.50160E-03
3	2.9350	9.1432	0.43331E-03
4	2.4829	7.7349	0.36657E-03
5	2.0553	6.4028	0.30344E-03
6	1.6647	5.1860	0.24578E-03
7	1.3194	4.1104	0.19480E-03
8	1.0228	3.1862	0.15100E-03
9	0.77365	2.4101	0.11422E-03
10	0.56793	1.7693	0.83849E-04

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8662	12.044	0.57080E-03
2	3.4116	10.628	0.50368E-03
3	2.9587	9.2172	0.43682E-03
4	2.5151	7.8352	0.37133E-03
5	2.0933	6.5212	0.30905E-03
6	1.7054	5.3127	0.25178E-03
7	1.3598	4.2362	0.20076E-03
8	1.0605	3.3038	0.15658E-03
9	0.80716	2.5145	0.11917E-03
10	0.59625	1.8575	0.88029E-04

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8711	12.059	0.57152E-03
2	3.4246	10.668	0.50560E-03
3	2.9809	9.2862	0.44009E-03
4	2.5455	7.9299	0.37581E-03
5	2.1296	6.6343	0.31441E-03
6	1.7447	5.4352	0.25759E-03
7	1.3993	4.3592	0.20659E-03
8	1.0978	3.4199	0.16208E-03
9	0.84052	2.6184	0.12409E-03
10	0.62468	1.9461	0.92228E-04

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8755	12.073	0.57217E-03
2	3.4364	10.705	0.50735E-03
3	3.0015	9.3504	0.44314E-03
4	2.5742	8.0193	0.38005E-03
5	2.1643	6.7424	0.31954E-03
6	1.7827	5.5535	0.26319E-03
7	1.4378	4.4792	0.21228E-03
8	1.1345	3.5342	0.16749E-03
9	0.87367	2.7217	0.12899E-03
10	0.65319	2.0349	0.96436E-04

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8795	12.086	0.57276E-03
2	3.4474	10.739	0.50896E-03
3	3.0207	9.4102	0.44597E-03
4	2.6012	8.1036	0.38404E-03
5	2.1974	6.8455	0.32442E-03
6	1.8193	5.6676	0.26860E-03
7	1.4753	4.5961	0.21782E-03
8	1.1706	3.6467	0.17282E-03
9	0.90656	2.8242	0.13384E-03
10	0.68171	2.1237	0.10065E-03

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8831	12.097	0.57329E-03
2	3.4574	10.771	0.51044E-03
3	3.0385	9.4659	0.44861E-03
4	2.6267	8.1830	0.38781E-03
5	2.2290	6.9439	0.32908E-03
6	1.8546	5.7776	0.27381E-03
7	1.5118	4.7098	0.22321E-03
8	1.2060	3.7571	0.17806E-03
9	0.93915	2.9257	0.13865E-03
10	0.71020	2.2125	0.10485E-03

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8863	12.107	0.57377E-03
2	3.4665	10.799	0.51179E-03
3	3.0551	9.5176	0.45106E-03
4	2.6507	8.2577	0.39135E-03
5	2.2590	7.0375	0.33352E-03
6	1.8886	5.8834	0.27883E-03
7	1.5473	4.8203	0.22844E-03
8	1.2408	3.8653	0.18319E-03
9	0.97137	3.0261	0.14341E-03
10	0.73861	2.3010	0.10905E-03

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8892	12.116	0.57420E-03
2	3.4749	10.825	0.51304E-03
3	3.0706	9.5657	0.45334E-03
4	2.6733	8.3281	0.39469E-03
5	2.2876	7.1266	0.33774E-03
6	1.9212	5.9851	0.28365E-03
7	1.5817	4.9275	0.23353E-03
8	1.2748	3.9713	0.18821E-03
9	1.0032	3.1252	0.14811E-03
10	0.76690	2.3891	0.11322E-03

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8919	12.124	0.57459E-03
2	3.4827	10.849	0.51417E-03
3	3.0849	9.6104	0.45546E-03
4	2.6946	8.3943	0.39782E-03
5	2.3148	7.2113	0.34176E-03
6	1.9526	6.0828	0.28827E-03
7	1.6151	5.0315	0.23845E-03
8	1.3081	4.0750	0.19312E-03
9	1.0346	3.2230	0.15275E-03
10	0.79502	2.4767	0.11738E-03

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8943	12.132	0.57495E-03
2	3.4897	10.871	0.51522E-03
3	3.0983	9.6519	0.45742E-03
4	2.7145	8.4565	0.40077E-03
5	2.3406	7.2917	0.34557E-03
6	1.9827	6.1765	0.29272E-03
7	1.6474	5.1322	0.24322E-03
8	1.3406	4.1763	0.19792E-03
9	1.0655	3.3193	0.15731E-03
10	0.82294	2.5637	0.12150E-03

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8965	12.138	0.57527E-03
2	3.4962	10.892	0.51618E-03
3	3.1106	9.6905	0.45925E-03
4	2.7333	8.5149	0.40354E-03
5	2.3652	7.3681	0.34919E-03
6	2.0115	6.2663	0.29697E-03
7	1.6787	5.2295	0.24784E-03
8	1.3723	4.2751	0.20261E-03
9	1.0959	3.4140	0.16180E-03
10	0.85061	2.6499	0.12558E-03

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.8984	12.145	0.57556E-03
2	3.5022	10.910	0.51706E-03
3	3.1221	9.7263	0.46095E-03
4	2.7509	8.5697	0.40614E-03
5	2.3884	7.4405	0.35262E-03
6	2.0391	6.3523	0.30105E-03
7	1.7089	5.3236	0.25230E-03
8	1.4032	4.3714	0.20717E-03
9	1.1258	3.5070	0.16621E-03
10	0.87799	2.7352	0.12963E-03

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                 (USEPA Contractors)                         |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla
1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 220.00 ml/g, 0.77692E-02cu.ft./g
Kh = 0.32100 (dimensionless).
Aqueous solubility = 169.00 mg/l, 4.7856 g/cu.ft
Free air diffusion coefficient = .65700 sq. m/day, 2581.4 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2500
Organic carbon content = 0.00610000
Recharge Rate = 0.88580000 ft/yr
Conc. in recharge water = 525.00 mg/l, 14.866 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

3. Modelamiento Tolueno Bajo – Medio – Alto

3.1 Tolueno Bajo

1 50 1 1
139 0.269 526 0.734
Polygon1
1290 2.3 0.01658 1.62 0.41 0.15 0.0061
2115 0 0
10Y 50
10 10 0

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
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 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 0.99298 g/sq.ft.
Mass in gas phase = 0.43582E-01g/sq.ft.
Mass in liquid phase = 0.93470E-01g/sq.ft.
Mass sorbed = 0.85593 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 0.99298 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.50254E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.99298 g/sq.ft.
Mass discrepancy = -0.59605E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 0.99298 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.50254E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 0.99298 g/sq.ft.
Mass discrepancy = -0.59605E-07g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 1.9439 g/sq.ft.
Mass in gas phase = 0.85315E-01g/sq.ft.
Mass in liquid phase = 0.18298 g/sq.ft.
Mass sorbed = 1.6756 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 0.95087 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.14264E-15g/sq.ft.
Diffusion in from atmosphere = -0.38578E-01g/sq.ft.
Diffusion in from water table = -0.35316E-02g/sq.ft.
Total inflow at boundaries = 0.95087 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.9439 g/sq.ft.
Advection in from atmosphere = 1.9860 g/sq.ft.
Advection in from water table = -0.19290E-15g/sq.ft.
Diffusion in from atmosphere = -0.38578E-01g/sq.ft.
Diffusion in from water table = -0.35316E-02g/sq.ft.
Total inflow at boundaries = 1.9439 g/sq.ft.
Mass discrepancy = -0.11921E-06g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 2.8544 g/sq.ft.
Mass in gas phase = 0.12528 g/sq.ft.
Mass in liquid phase = 0.26869 g/sq.ft.
Mass sorbed = 2.4604 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 0.91056 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.11694E-06g/sq.ft.
Diffusion in from atmosphere = -0.75481E-01g/sq.ft.
Diffusion in from water table = -0.69448E-02g/sq.ft.
Total inflow at boundaries = 0.91056 g/sq.ft.
Mass discrepancy = 0.17881E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.8544 g/sq.ft.
Advection in from atmosphere = 2.9790 g/sq.ft.
Advection in from water table = -0.11694E-06g/sq.ft.
Diffusion in from atmosphere = -0.11406 g/sq.ft.

Diffusion in from water table = -0.10476E-01g/sq.ft.
Total inflow at boundaries = 2.8544 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 3.7264 g/sq.ft.
Mass in gas phase = 0.16355 g/sq.ft.
Mass in liquid phase = 0.35076 g/sq.ft.
Mass sorbed = 3.2121 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 0.87196 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.34229E-06g/sq.ft.
Diffusion in from atmosphere = -0.11078 g/sq.ft.
Diffusion in from water table = -0.10243E-01g/sq.ft.
Total inflow at boundaries = 0.87196 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3.7264 g/sq.ft.
Advection in from atmosphere = 3.9719 g/sq.ft.
Advection in from water table = -0.45923E-06g/sq.ft.
Diffusion in from atmosphere = -0.22484 g/sq.ft.
Diffusion in from water table = -0.20720E-01g/sq.ft.
Total inflow at boundaries = 3.7264 g/sq.ft.
Mass discrepancy = 0.23842E-06g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 4.5614 g/sq.ft.
Mass in gas phase = 0.20020 g/sq.ft.
Mass in liquid phase = 0.42936 g/sq.ft.
Mass sorbed = 3.9318 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 0.83500 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.66797E-06g/sq.ft.
Diffusion in from atmosphere = -0.14455 g/sq.ft.
Diffusion in from water table = -0.13431E-01g/sq.ft.
Total inflow at boundaries = 0.83500 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.5614 g/sq.ft.
Advection in from atmosphere = 4.9649 g/sq.ft.
Advection in from water table = -0.11272E-05g/sq.ft.
Diffusion in from atmosphere = -0.36939 g/sq.ft.
Diffusion in from water table = -0.34151E-01g/sq.ft.
Total inflow at boundaries = 4.5614 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 5.3610 g/sq.ft.
Mass in gas phase = 0.23529 g/sq.ft.
Mass in liquid phase = 0.50463 g/sq.ft.
Mass sorbed = 4.6211 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 0.79962 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.10864E-05g/sq.ft.
Diffusion in from atmosphere = -0.17685 g/sq.ft.
Diffusion in from water table = -0.16512E-01g/sq.ft.
Total inflow at boundaries = 0.79962 g/sq.ft.
Mass discrepancy = 0.29802E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 5.3610 g/sq.ft.
Advection in from atmosphere = 5.9579 g/sq.ft.
Advection in from water table = -0.22135E-05g/sq.ft.
Diffusion in from atmosphere = -0.54625 g/sq.ft.
Diffusion in from water table = -0.50663E-01g/sq.ft.
Total inflow at boundaries = 5.3610 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 6.1267 g/sq.ft.
Mass in gas phase = 0.26890 g/sq.ft.
Mass in liquid phase = 0.57671 g/sq.ft.
Mass sorbed = 5.2811 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 0.76574 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.15902E-05g/sq.ft.
Diffusion in from atmosphere = -0.20776 g/sq.ft.

Diffusion in from water table = -0.19488E-01g/sq.ft.
Total inflow at boundaries = 0.76574 g/sq.ft.
Mass discrepancy = 0.29802E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 6.1267 g/sq.ft.
Advection in from atmosphere = 6.9509 g/sq.ft.
Advection in from water table = -0.38038E-05g/sq.ft.
Diffusion in from atmosphere = -0.75400 g/sq.ft.
Diffusion in from water table = -0.70151E-01g/sq.ft.
Total inflow at boundaries = 6.1267 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 6.8600 g/sq.ft.
Mass in gas phase = 0.30109 g/sq.ft.
Mass in liquid phase = 0.64574 g/sq.ft.
Mass sorbed = 5.9132 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 0.73330 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.21727E-05g/sq.ft.
Diffusion in from atmosphere = -0.23732 g/sq.ft.
Diffusion in from water table = -0.22364E-01g/sq.ft.
Total inflow at boundaries = 0.73330 g/sq.ft.
Mass discrepancy = -0.53644E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 6.8600 g/sq.ft.
Advection in from atmosphere = 7.9439 g/sq.ft.
Advection in from water table = -0.59765E-05g/sq.ft.
Diffusion in from atmosphere = -0.99132 g/sq.ft.
Diffusion in from water table = -0.92515E-01g/sq.ft.
Total inflow at boundaries = 6.8600 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 7.5623 g/sq.ft.
Mass in gas phase = 0.33191 g/sq.ft.
Mass in liquid phase = 0.71184 g/sq.ft.
Mass sorbed = 6.5185 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 0.70224 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.28275E-05g/sq.ft.
Diffusion in from atmosphere = -0.26559 g/sq.ft.
Diffusion in from water table = -0.25143E-01g/sq.ft.
Total inflow at boundaries = 0.70224 g/sq.ft.
Mass discrepancy = 0.77486E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 7.5623 g/sq.ft.
Advection in from atmosphere = 8.9369 g/sq.ft.
Advection in from water table = -0.88040E-05g/sq.ft.
Diffusion in from atmosphere = -1.2569 g/sq.ft.
Diffusion in from water table = -0.11766 g/sq.ft.
Total inflow at boundaries = 7.5623 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 8.2348 g/sq.ft.
Mass in gas phase = 0.36142 g/sq.ft.
Mass in liquid phase = 0.77514 g/sq.ft.
Mass sorbed = 7.0982 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 0.67251 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.35484E-05g/sq.ft.
Diffusion in from atmosphere = -0.29265 g/sq.ft.
Diffusion in from water table = -0.27827E-01g/sq.ft.
Total inflow at boundaries = 0.67251 g/sq.ft.
Mass discrepancy = 0.71526E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 8.2348 g/sq.ft.
Advection in from atmosphere = 9.9298 g/sq.ft.
Advection in from water table = -0.12352E-04g/sq.ft.
Diffusion in from atmosphere = -1.5496 g/sq.ft.
Diffusion in from water table = -0.14548 g/sq.ft.
Total inflow at boundaries = 8.2348 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 8.8788 g/sq.ft.
Mass in gas phase = 0.38969 g/sq.ft.
Mass in liquid phase = 0.83576 g/sq.ft.
Mass sorbed = 7.6534 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 0.64404 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.43297E-05g/sq.ft.
Diffusion in from atmosphere = -0.31852 g/sq.ft.
Diffusion in from water table = -0.30421E-01g/sq.ft.
Total inflow at boundaries = 0.64404 g/sq.ft.
Mass discrepancy = 0.77486E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 8.8788 g/sq.ft.
Advection in from atmosphere = 10.923 g/sq.ft.
Advection in from water table = -0.16682E-04g/sq.ft.
Diffusion in from atmosphere = -1.8681 g/sq.ft.
Diffusion in from water table = -0.17591 g/sq.ft.
Total inflow at boundaries = 8.8788 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 9.4956 g/sq.ft.
Mass in gas phase = 0.41676 g/sq.ft.
Mass in liquid phase = 0.89382 g/sq.ft.
Mass sorbed = 8.1850 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 0.61677 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.51659E-05g/sq.ft.
Diffusion in from atmosphere = -0.34328 g/sq.ft.
Diffusion in from water table = -0.32926E-01g/sq.ft.
Total inflow at boundaries = 0.61677 g/sq.ft.
Mass discrepancy = -0.22650E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 9.4956 g/sq.ft.
Advection in from atmosphere = 11.916 g/sq.ft.
Advection in from water table = -0.21848E-04g/sq.ft.
Diffusion in from atmosphere = -2.2114 g/sq.ft.

Diffusion in from water table = -0.20883 g/sq.ft.
Total inflow at boundaries = 9.4956 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 10.086 g/sq.ft.
Mass in gas phase = 0.44268 g/sq.ft.
Mass in liquid phase = 0.94942 g/sq.ft.
Mass sorbed = 8.6942 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 0.59067 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.60521E-05g/sq.ft.
Diffusion in from atmosphere = -0.36696 g/sq.ft.
Diffusion in from water table = -0.35346E-01g/sq.ft.
Total inflow at boundaries = 0.59067 g/sq.ft.
Mass discrepancy = 0.23246E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 10.086 g/sq.ft.
Advection in from atmosphere = 12.909 g/sq.ft.
Advection in from water table = -0.27900E-04g/sq.ft.
Diffusion in from atmosphere = -2.5783 g/sq.ft.
Diffusion in from water table = -0.24418 g/sq.ft.
Total inflow at boundaries = 10.086 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 10.652 g/sq.ft.
Mass in gas phase = 0.46751 g/sq.ft.
Mass in liquid phase = 1.0027 g/sq.ft.
Mass sorbed = 9.1818 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 0.56568 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.69833E-05g/sq.ft.
Diffusion in from atmosphere = -0.38962 g/sq.ft.
Diffusion in from water table = -0.37684E-01g/sq.ft.
Total inflow at boundaries = 0.56568 g/sq.ft.
Mass discrepancy = -0.89407E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 10.652 g/sq.ft.
Advection in from atmosphere = 13.902 g/sq.ft.
Advection in from water table = -0.34883E-04g/sq.ft.
Diffusion in from atmosphere = -2.9679 g/sq.ft.
Diffusion in from water table = -0.28186 g/sq.ft.
Total inflow at boundaries = 10.652 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 11.194 g/sq.ft.
Mass in gas phase = 0.49129 g/sq.ft.
Mass in liquid phase = 1.0537 g/sq.ft.
Mass sorbed = 9.6487 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 0.54175 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.79552E-05g/sq.ft.
Diffusion in from atmosphere = -0.41129 g/sq.ft.
Diffusion in from water table = -0.39942E-01g/sq.ft.
Total inflow at boundaries = 0.54175 g/sq.ft.
Mass discrepancy = 0.17881E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 11.194 g/sq.ft.
Advection in from atmosphere = 14.895 g/sq.ft.
Advection in from water table = -0.42839E-04g/sq.ft.
Diffusion in from atmosphere = -3.3792 g/sq.ft.
Diffusion in from water table = -0.32180 g/sq.ft.
Total inflow at boundaries = 11.194 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 11.713 g/sq.ft.
Mass in gas phase = 0.51406 g/sq.ft.
Mass in liquid phase = 1.1025 g/sq.ft.
Mass sorbed = 10.096 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 0.51883 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.89633E-05g/sq.ft.

Diffusion in from atmosphere = -0.43202 g/sq.ft.
Diffusion in from water table = -0.42122E-01g/sq.ft.
Total inflow at boundaries = 0.51883 g/sq.ft.
Mass discrepancy = 0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 11.713 g/sq.ft.
Advection in from atmosphere = 15.888 g/sq.ft.
Advection in from water table = -0.51802E-04g/sq.ft.
Diffusion in from atmosphere = -3.8112 g/sq.ft.
Diffusion in from water table = -0.36393 g/sq.ft.
Total inflow at boundaries = 11.713 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 12.209 g/sq.ft.
Mass in gas phase = 0.53587 g/sq.ft.
Mass in liquid phase = 1.1493 g/sq.ft.
Mass sorbed = 10.524 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 0.49689 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.10004E-04g/sq.ft.
Diffusion in from atmosphere = -0.45186 g/sq.ft.
Diffusion in from water table = -0.44228E-01g/sq.ft.
Total inflow at boundaries = 0.49689 g/sq.ft.
Mass discrepancy = -0.14901E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 12.209 g/sq.ft.
Advection in from atmosphere = 16.881 g/sq.ft.
Advection in from water table = -0.61805E-04g/sq.ft.
Diffusion in from atmosphere = -4.2631 g/sq.ft.
Diffusion in from water table = -0.40815 g/sq.ft.
Total inflow at boundaries = 12.209 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 12.685 g/sq.ft.
Mass in gas phase = 0.55675 g/sq.ft.
Mass in liquid phase = 1.1941 g/sq.ft.
Mass sorbed = 10.934 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 0.47588 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.11073E-04g/sq.ft.
Diffusion in from atmosphere = -0.47083 g/sq.ft.
Diffusion in from water table = -0.46262E-01g/sq.ft.
Total inflow at boundaries = 0.47588 g/sq.ft.
Mass discrepancy = 0.38743E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 12.685 g/sq.ft.
Advection in from atmosphere = 17.874 g/sq.ft.
Advection in from water table = -0.72878E-04g/sq.ft.
Diffusion in from atmosphere = -4.7339 g/sq.ft.
Diffusion in from water table = -0.45442 g/sq.ft.
Total inflow at boundaries = 12.685 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 13.141 g/sq.ft.
Mass in gas phase = 0.57676 g/sq.ft.
Mass in liquid phase = 1.2370 g/sq.ft.
Mass sorbed = 11.327 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 0.45576 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.12167E-04g/sq.ft.
Diffusion in from atmosphere = -0.48898 g/sq.ft.
Diffusion in from water table = -0.48227E-01g/sq.ft.
Total inflow at boundaries = 0.45576 g/sq.ft.
Mass discrepancy = 0.15199E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.141 g/sq.ft.
Advection in from atmosphere = 18.867 g/sq.ft.
Advection in from water table = -0.85045E-04g/sq.ft.
Diffusion in from atmosphere = -5.2229 g/sq.ft.
Diffusion in from water table = -0.50264 g/sq.ft.
Total inflow at boundaries = 13.141 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 13.578 g/sq.ft.
Mass in gas phase = 0.59592 g/sq.ft.
Mass in liquid phase = 1.2781 g/sq.ft.
Mass sorbed = 11.704 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 0.43650 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.13282E-04g/sq.ft.
Diffusion in from atmosphere = -0.50635 g/sq.ft.
Diffusion in from water table = -0.50123E-01g/sq.ft.
Total inflow at boundaries = 0.43650 g/sq.ft.
Mass discrepancy = -0.68545E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.578 g/sq.ft.
Advection in from atmosphere = 19.860 g/sq.ft.
Advection in from water table = -0.98327E-04g/sq.ft.
Diffusion in from atmosphere = -5.7293 g/sq.ft.
Diffusion in from water table = -0.55277 g/sq.ft.
Total inflow at boundaries = 13.578 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 13.996 g/sq.ft.
Mass in gas phase = 0.61426 g/sq.ft.
Mass in liquid phase = 1.3174 g/sq.ft.
Mass sorbed = 12.064 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 0.41805 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.14417E-04g/sq.ft.
Diffusion in from atmosphere = -0.52296 g/sq.ft.
Diffusion in from water table = -0.51955E-01g/sq.ft.
Total inflow at boundaries = 0.41805 g/sq.ft.
Mass discrepancy = 0.25630E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.996 g/sq.ft.
Advection in from atmosphere = 20.853 g/sq.ft.
Advection in from water table = -0.11274E-03g/sq.ft.
Diffusion in from atmosphere = -6.2522 g/sq.ft.

Diffusion in from water table = -0.60472 g/sq.ft.
Total inflow at boundaries = 13.996 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 14.396 g/sq.ft.
Mass in gas phase = 0.63184 g/sq.ft.
Mass in liquid phase = 1.3551 g/sq.ft.
Mass sorbed = 12.409 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 0.40039 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.15567E-04g/sq.ft.
Diffusion in from atmosphere = -0.53886 g/sq.ft.
Diffusion in from water table = -0.53724E-01g/sq.ft.
Total inflow at boundaries = 0.40039 g/sq.ft.
Mass discrepancy = 0.32783E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 14.396 g/sq.ft.
Advection in from atmosphere = 21.846 g/sq.ft.
Advection in from water table = -0.12831E-03g/sq.ft.
Diffusion in from atmosphere = -6.7911 g/sq.ft.
Diffusion in from water table = -0.65844 g/sq.ft.
Total inflow at boundaries = 14.396 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 14.779 g/sq.ft.
Mass in gas phase = 0.64867 g/sq.ft.
Mass in liquid phase = 1.3912 g/sq.ft.
Mass sorbed = 12.740 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 0.38347 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.16730E-04g/sq.ft.
Diffusion in from atmosphere = -0.55406 g/sq.ft.
Diffusion in from water table = -0.55431E-01g/sq.ft.
Total inflow at boundaries = 0.38347 g/sq.ft.
Mass discrepancy = 0.11325E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 14.779 g/sq.ft.
Advection in from atmosphere = 22.839 g/sq.ft.
Advection in from water table = -0.14504E-03g/sq.ft.
Diffusion in from atmosphere = -7.3452 g/sq.ft.
Diffusion in from water table = -0.71388 g/sq.ft.
Total inflow at boundaries = 14.779 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 24.00, total mass in vadose zone = 15.147 g/sq.ft.
Mass in gas phase = 0.66479 g/sq.ft.
Mass in liquid phase = 1.4258 g/sq.ft.
Mass sorbed = 13.056 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 0.36728 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.17903E-04g/sq.ft.
Diffusion in from atmosphere = -0.56861 g/sq.ft.
Diffusion in from water table = -0.57080E-01g/sq.ft.
Total inflow at boundaries = 0.36728 g/sq.ft.
Mass discrepancy = 0.16093E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 15.147 g/sq.ft.
Advection in from atmosphere = 23.832 g/sq.ft.
Advection in from water table = -0.16294E-03g/sq.ft.
Diffusion in from atmosphere = -7.9138 g/sq.ft.
Diffusion in from water table = -0.77096 g/sq.ft.
Total inflow at boundaries = 15.147 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 25.00, total mass in vadose zone = 15.499 g/sq.ft.
Mass in gas phase = 0.68023 g/sq.ft.
Mass in liquid phase = 1.4589 g/sq.ft.
Mass sorbed = 13.359 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 0.35177 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.19085E-04g/sq.ft.
Diffusion in from atmosphere = -0.58253 g/sq.ft.

Diffusion in from water table = -0.58671E-01g/sq.ft.
Total inflow at boundaries = 0.35177 g/sq.ft.
Mass discrepancy = -0.29802E-07g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 15.499 g/sq.ft.
Advection in from atmosphere = 24.825 g/sq.ft.
Advection in from water table = -0.18203E-03g/sq.ft.
Diffusion in from atmosphere = -8.4963 g/sq.ft.
Diffusion in from water table = -0.82963 g/sq.ft.
Total inflow at boundaries = 15.499 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Polygon 1
At time = 26.00, total mass in vadose zone = 15.835 g/sq.ft.
Mass in gas phase = 0.69501 g/sq.ft.
Mass in liquid phase = 1.4906 g/sq.ft.
Mass sorbed = 13.650 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 0.33691 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.20272E-04g/sq.ft.
Diffusion in from atmosphere = -0.59584 g/sq.ft.
Diffusion in from water table = -0.60208E-01g/sq.ft.
Total inflow at boundaries = 0.33691 g/sq.ft.
Mass discrepancy = -0.26822E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 15.835 g/sq.ft.
Advection in from atmosphere = 25.818 g/sq.ft.
Advection in from water table = -0.20230E-03g/sq.ft.
Diffusion in from atmosphere = -9.0921 g/sq.ft.
Diffusion in from water table = -0.88984 g/sq.ft.
Total inflow at boundaries = 15.835 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 27.00, total mass in vadose zone = 16.158 g/sq.ft.
Mass in gas phase = 0.70918 g/sq.ft.
Mass in liquid phase = 1.5210 g/sq.ft.
Mass sorbed = 13.928 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 0.32269 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.21463E-04g/sq.ft.
Diffusion in from atmosphere = -0.60858 g/sq.ft.
Diffusion in from water table = -0.61692E-01g/sq.ft.
Total inflow at boundaries = 0.32269 g/sq.ft.
Mass discrepancy = 0.14901E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.158 g/sq.ft.
Advection in from atmosphere = 26.811 g/sq.ft.
Advection in from water table = -0.22376E-03g/sq.ft.
Diffusion in from atmosphere = -9.7007 g/sq.ft.
Diffusion in from water table = -0.95153 g/sq.ft.
Total inflow at boundaries = 16.158 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 28.00, total mass in vadose zone = 16.467 g/sq.ft.
Mass in gas phase = 0.72274 g/sq.ft.
Mass in liquid phase = 1.5501 g/sq.ft.
Mass sorbed = 14.194 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 0.30908 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.22656E-04g/sq.ft.
Diffusion in from atmosphere = -0.62077 g/sq.ft.
Diffusion in from water table = -0.63124E-01g/sq.ft.
Total inflow at boundaries = 0.30907 g/sq.ft.
Mass discrepancy = 0.41723E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.467 g/sq.ft.
Advection in from atmosphere = 27.804 g/sq.ft.
Advection in from water table = -0.24642E-03g/sq.ft.
Diffusion in from atmosphere = -10.321 g/sq.ft.
Diffusion in from water table = -1.0147 g/sq.ft.
Total inflow at boundaries = 16.467 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 29.00, total mass in vadose zone = 16.763 g/sq.ft.
Mass in gas phase = 0.73573 g/sq.ft.
Mass in liquid phase = 1.5779 g/sq.ft.
Mass sorbed = 14.450 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 0.29603 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.23849E-04g/sq.ft.
Diffusion in from atmosphere = -0.63242 g/sq.ft.
Diffusion in from water table = -0.64506E-01g/sq.ft.
Total inflow at boundaries = 0.29603 g/sq.ft.
Mass discrepancy = 0.53644E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.763 g/sq.ft.
Advection in from atmosphere = 28.797 g/sq.ft.
Advection in from water table = -0.27027E-03g/sq.ft.
Diffusion in from atmosphere = -10.954 g/sq.ft.
Diffusion in from water table = -1.0792 g/sq.ft.
Total inflow at boundaries = 16.763 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 30.00, total mass in vadose zone = 17.047 g/sq.ft.
Mass in gas phase = 0.74818 g/sq.ft.
Mass in liquid phase = 1.6046 g/sq.ft.
Mass sorbed = 14.694 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 0.28354 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.25040E-04g/sq.ft.
Diffusion in from atmosphere = -0.64358 g/sq.ft.
Diffusion in from water table = -0.65840E-01g/sq.ft.
Total inflow at boundaries = 0.28354 g/sq.ft.
Mass discrepancy = 0.11027E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.047 g/sq.ft.
Advection in from atmosphere = 29.790 g/sq.ft.
Advection in from water table = -0.29531E-03g/sq.ft.
Diffusion in from atmosphere = -11.597 g/sq.ft.

Diffusion in from water table = -1.1450 g/sq.ft.
Total inflow at boundaries = 17.047 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 31.00, total mass in vadose zone = 17.318 g/sq.ft.
Mass in gas phase = 0.76010 g/sq.ft.
Mass in liquid phase = 1.6302 g/sq.ft.
Mass sorbed = 14.928 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 0.27158 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.26228E-04g/sq.ft.
Diffusion in from atmosphere = -0.65425 g/sq.ft.
Diffusion in from water table = -0.67128E-01g/sq.ft.
Total inflow at boundaries = 0.27158 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.318 g/sq.ft.
Advection in from atmosphere = 30.783 g/sq.ft.
Advection in from water table = -0.32154E-03g/sq.ft.
Diffusion in from atmosphere = -12.252 g/sq.ft.
Diffusion in from water table = -1.2121 g/sq.ft.
Total inflow at boundaries = 17.318 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 32.00, total mass in vadose zone = 17.578 g/sq.ft.
Mass in gas phase = 0.77151 g/sq.ft.
Mass in liquid phase = 1.6547 g/sq.ft.
Mass sorbed = 15.152 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.26012 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.27412E-04g/sq.ft.
Diffusion in from atmosphere = -0.66446 g/sq.ft.
Diffusion in from water table = -0.68371E-01g/sq.ft.
Total inflow at boundaries = 0.26012 g/sq.ft.
Mass discrepancy = -0.22948E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.578 g/sq.ft.
Advection in from atmosphere = 31.775 g/sq.ft.
Advection in from water table = -0.34895E-03g/sq.ft.
Diffusion in from atmosphere = -12.916 g/sq.ft.
Diffusion in from water table = -1.2805 g/sq.ft.
Total inflow at boundaries = 17.578 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 33.00, total mass in vadose zone = 17.828 g/sq.ft.
Mass in gas phase = 0.78245 g/sq.ft.
Mass in liquid phase = 1.6781 g/sq.ft.
Mass sorbed = 15.367 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.24916 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.28590E-04g/sq.ft.
Diffusion in from atmosphere = -0.67423 g/sq.ft.
Diffusion in from water table = -0.69571E-01g/sq.ft.
Total inflow at boundaries = 0.24916 g/sq.ft.
Mass discrepancy = 0.32783E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.828 g/sq.ft.
Advection in from atmosphere = 32.768 g/sq.ft.
Advection in from water table = -0.37754E-03g/sq.ft.
Diffusion in from atmosphere = -13.590 g/sq.ft.
Diffusion in from water table = -1.3501 g/sq.ft.
Total inflow at boundaries = 17.828 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 34.00, total mass in vadose zone = 18.066 g/sq.ft.
Mass in gas phase = 0.79292 g/sq.ft.
Mass in liquid phase = 1.7006 g/sq.ft.
Mass sorbed = 15.573 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.23865 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.29761E-04g/sq.ft.

Diffusion in from atmosphere = -0.68357 g/sq.ft.
Diffusion in from water table = -0.70728E-01g/sq.ft.
Total inflow at boundaries = 0.23865 g/sq.ft.
Mass discrepancy = -0.14156E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.066 g/sq.ft.
Advection in from atmosphere = 33.761 g/sq.ft.
Advection in from water table = -0.40730E-03g/sq.ft.
Diffusion in from atmosphere = -14.274 g/sq.ft.
Diffusion in from water table = -1.4208 g/sq.ft.
Total inflow at boundaries = 18.066 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 35.00, total mass in vadose zone = 18.295 g/sq.ft.
Mass in gas phase = 0.80296 g/sq.ft.
Mass in liquid phase = 1.7221 g/sq.ft.
Mass sorbed = 15.770 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.22859 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.30923E-04g/sq.ft.
Diffusion in from atmosphere = -0.69252 g/sq.ft.
Diffusion in from water table = -0.71846E-01g/sq.ft.
Total inflow at boundaries = 0.22859 g/sq.ft.
Mass discrepancy = 0.30249E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.295 g/sq.ft.
Advection in from atmosphere = 34.754 g/sq.ft.
Advection in from water table = -0.43822E-03g/sq.ft.
Diffusion in from atmosphere = -14.967 g/sq.ft.
Diffusion in from water table = -1.4926 g/sq.ft.
Total inflow at boundaries = 18.295 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 36.00, total mass in vadose zone = 18.514 g/sq.ft.
Mass in gas phase = 0.81257 g/sq.ft.
Mass in liquid phase = 1.7427 g/sq.ft.
Mass sorbed = 15.959 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.21896 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.32077E-04g/sq.ft.
Diffusion in from atmosphere = -0.70107 g/sq.ft.
Diffusion in from water table = -0.72924E-01g/sq.ft.
Total inflow at boundaries = 0.21896 g/sq.ft.
Mass discrepancy = -0.44703E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.514 g/sq.ft.
Advection in from atmosphere = 35.747 g/sq.ft.
Advection in from water table = -0.47030E-03g/sq.ft.
Diffusion in from atmosphere = -15.668 g/sq.ft.
Diffusion in from water table = -1.5656 g/sq.ft.
Total inflow at boundaries = 18.514 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 37.00, total mass in vadose zone = 18.724 g/sq.ft.
Mass in gas phase = 0.82177 g/sq.ft.
Mass in liquid phase = 1.7625 g/sq.ft.
Mass sorbed = 16.139 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.20973 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.33220E-04g/sq.ft.
Diffusion in from atmosphere = -0.70926 g/sq.ft.
Diffusion in from water table = -0.73965E-01g/sq.ft.
Total inflow at boundaries = 0.20973 g/sq.ft.
Mass discrepancy = 0.40233E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.724 g/sq.ft.
Advection in from atmosphere = 36.740 g/sq.ft.
Advection in from water table = -0.50352E-03g/sq.ft.
Diffusion in from atmosphere = -16.377 g/sq.ft.
Diffusion in from water table = -1.6395 g/sq.ft.
Total inflow at boundaries = 18.724 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 38.00, total mass in vadose zone = 18.924 g/sq.ft.
Mass in gas phase = 0.83059 g/sq.ft.
Mass in liquid phase = 1.7814 g/sq.ft.
Mass sorbed = 16.312 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.20090 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.34352E-04g/sq.ft.
Diffusion in from atmosphere = -0.71709 g/sq.ft.
Diffusion in from water table = -0.74969E-01g/sq.ft.
Total inflow at boundaries = 0.20089 g/sq.ft.
Mass discrepancy = 0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.924 g/sq.ft.
Advection in from atmosphere = 37.733 g/sq.ft.
Advection in from water table = -0.53787E-03g/sq.ft.
Diffusion in from atmosphere = -17.094 g/sq.ft.
Diffusion in from water table = -1.7145 g/sq.ft.
Total inflow at boundaries = 18.924 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 39.00, total mass in vadose zone = 19.117 g/sq.ft.
Mass in gas phase = 0.83904 g/sq.ft.
Mass in liquid phase = 1.7995 g/sq.ft.
Mass sorbed = 16.478 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.19243 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.35472E-04g/sq.ft.
Diffusion in from atmosphere = -0.72458 g/sq.ft.
Diffusion in from water table = -0.75938E-01g/sq.ft.
Total inflow at boundaries = 0.19243 g/sq.ft.
Mass discrepancy = -0.70035E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.117 g/sq.ft.
Advection in from atmosphere = 38.726 g/sq.ft.
Advection in from water table = -0.57334E-03g/sq.ft.
Diffusion in from atmosphere = -17.819 g/sq.ft.

Diffusion in from water table = -1.7904 g/sq.ft.
Total inflow at boundaries = 19.117 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 40.00, total mass in vadose zone = 19.301 g/sq.ft.
Mass in gas phase = 0.84713 g/sq.ft.
Mass in liquid phase = 1.8168 g/sq.ft.
Mass sorbed = 16.637 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.18433 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.36580E-04g/sq.ft.
Diffusion in from atmosphere = -0.73175 g/sq.ft.
Diffusion in from water table = -0.76873E-01g/sq.ft.
Total inflow at boundaries = 0.18433 g/sq.ft.
Mass discrepancy = -0.43213E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.301 g/sq.ft.
Advection in from atmosphere = 39.719 g/sq.ft.
Advection in from water table = -0.60992E-03g/sq.ft.
Diffusion in from atmosphere = -18.550 g/sq.ft.
Diffusion in from water table = -1.8673 g/sq.ft.
Total inflow at boundaries = 19.301 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 41.00, total mass in vadose zone = 19.478 g/sq.ft.
Mass in gas phase = 0.85487 g/sq.ft.
Mass in liquid phase = 1.8334 g/sq.ft.
Mass sorbed = 16.789 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.17657 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.37675E-04g/sq.ft.
Diffusion in from atmosphere = -0.73861 g/sq.ft.
Diffusion in from water table = -0.77775E-01g/sq.ft.
Total inflow at boundaries = 0.17656 g/sq.ft.
Mass discrepancy = 0.21905E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.478 g/sq.ft.
Advection in from atmosphere = 40.712 g/sq.ft.
Advection in from water table = -0.64760E-03g/sq.ft.
Diffusion in from atmosphere = -19.289 g/sq.ft.
Diffusion in from water table = -1.9451 g/sq.ft.
Total inflow at boundaries = 19.478 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 42.00, total mass in vadose zone = 19.647 g/sq.ft.
Mass in gas phase = 0.86230 g/sq.ft.
Mass in liquid phase = 1.8494 g/sq.ft.
Mass sorbed = 16.935 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.16913 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.38756E-04g/sq.ft.
Diffusion in from atmosphere = -0.74517 g/sq.ft.
Diffusion in from water table = -0.78645E-01g/sq.ft.
Total inflow at boundaries = 0.16913 g/sq.ft.
Mass discrepancy = -0.87917E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.647 g/sq.ft.
Advection in from atmosphere = 41.705 g/sq.ft.
Advection in from water table = -0.68635E-03g/sq.ft.
Diffusion in from atmosphere = -20.034 g/sq.ft.
Diffusion in from water table = -2.0237 g/sq.ft.
Total inflow at boundaries = 19.647 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 43.00, total mass in vadose zone = 19.809 g/sq.ft.
Mass in gas phase = 0.86941 g/sq.ft.
Mass in liquid phase = 1.8646 g/sq.ft.
Mass sorbed = 17.075 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.16201 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.39823E-04g/sq.ft.
Diffusion in from atmosphere = -0.75145 g/sq.ft.

Diffusion in from water table = -0.79485E-01g/sq.ft.
Total inflow at boundaries = 0.16201 g/sq.ft.
Mass discrepancy = 0.22203E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.809 g/sq.ft.
Advection in from atmosphere = 42.698 g/sq.ft.
Advection in from water table = -0.72618E-03g/sq.ft.
Diffusion in from atmosphere = -20.785 g/sq.ft.
Diffusion in from water table = -2.1032 g/sq.ft.
Total inflow at boundaries = 19.809 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 44.00, total mass in vadose zone = 19.964 g/sq.ft.
Mass in gas phase = 0.87622 g/sq.ft.
Mass in liquid phase = 1.8792 g/sq.ft.
Mass sorbed = 17.209 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.15520 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.40875E-04g/sq.ft.
Diffusion in from atmosphere = -0.75746 g/sq.ft.
Diffusion in from water table = -0.80295E-01g/sq.ft.
Total inflow at boundaries = 0.15519 g/sq.ft.
Mass discrepancy = 0.21011E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.964 g/sq.ft.
Advection in from atmosphere = 43.691 g/sq.ft.
Advection in from water table = -0.76705E-03g/sq.ft.
Diffusion in from atmosphere = -21.543 g/sq.ft.
Diffusion in from water table = -2.1835 g/sq.ft.
Total inflow at boundaries = 19.964 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 45.00, total mass in vadose zone = 20.113 g/sq.ft.
Mass in gas phase = 0.88274 g/sq.ft.
Mass in liquid phase = 1.8932 g/sq.ft.
Mass sorbed = 17.337 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.14866 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.41912E-04g/sq.ft.
Diffusion in from atmosphere = -0.76320 g/sq.ft.
Diffusion in from water table = -0.81076E-01g/sq.ft.
Total inflow at boundaries = 0.14866 g/sq.ft.
Mass discrepancy = -0.22352E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.113 g/sq.ft.
Advection in from atmosphere = 44.684 g/sq.ft.
Advection in from water table = -0.80896E-03g/sq.ft.
Diffusion in from atmosphere = -22.306 g/sq.ft.
Diffusion in from water table = -2.2646 g/sq.ft.
Total inflow at boundaries = 20.113 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 46.00, total mass in vadose zone = 20.255 g/sq.ft.
Mass in gas phase = 0.88900 g/sq.ft.
Mass in liquid phase = 1.9066 g/sq.ft.
Mass sorbed = 17.460 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.14241 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.42933E-04g/sq.ft.
Diffusion in from atmosphere = -0.76870 g/sq.ft.
Diffusion in from water table = -0.81830E-01g/sq.ft.
Total inflow at boundaries = 0.14241 g/sq.ft.
Mass discrepancy = 0.20862E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.255 g/sq.ft.
Advection in from atmosphere = 45.677 g/sq.ft.
Advection in from water table = -0.85189E-03g/sq.ft.
Diffusion in from atmosphere = -23.075 g/sq.ft.
Diffusion in from water table = -2.3464 g/sq.ft.
Total inflow at boundaries = 20.255 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 47.00, total mass in vadose zone = 20.392 g/sq.ft.
Mass in gas phase = 0.89498 g/sq.ft.
Mass in liquid phase = 1.9195 g/sq.ft.
Mass sorbed = 17.577 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.13642 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.43939E-04g/sq.ft.
Diffusion in from atmosphere = -0.77396 g/sq.ft.
Diffusion in from water table = -0.82557E-01g/sq.ft.
Total inflow at boundaries = 0.13642 g/sq.ft.
Mass discrepancy = -0.23842E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.392 g/sq.ft.
Advection in from atmosphere = 46.670 g/sq.ft.
Advection in from water table = -0.89583E-03g/sq.ft.
Diffusion in from atmosphere = -23.849 g/sq.ft.
Diffusion in from water table = -2.4290 g/sq.ft.
Total inflow at boundaries = 20.392 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 48.00, total mass in vadose zone = 20.522 g/sq.ft.
Mass in gas phase = 0.90072 g/sq.ft.
Mass in liquid phase = 1.9318 g/sq.ft.
Mass sorbed = 17.690 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.13068 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.44929E-04g/sq.ft.
Diffusion in from atmosphere = -0.77900 g/sq.ft.
Diffusion in from water table = -0.83259E-01g/sq.ft.
Total inflow at boundaries = 0.13068 g/sq.ft.
Mass discrepancy = -0.29802E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.522 g/sq.ft.
Advection in from atmosphere = 47.663 g/sq.ft.
Advection in from water table = -0.94076E-03g/sq.ft.
Diffusion in from atmosphere = -24.628 g/sq.ft.

Diffusion in from water table = -2.5122 g/sq.ft.
Total inflow at boundaries = 20.522 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 49.00, total mass in vadose zone = 20.647 g/sq.ft.
Mass in gas phase = 0.90621 g/sq.ft.
Mass in liquid phase = 1.9435 g/sq.ft.
Mass sorbed = 17.798 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.12519 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.45903E-04g/sq.ft.
Diffusion in from atmosphere = -0.78382 g/sq.ft.
Diffusion in from water table = -0.83936E-01g/sq.ft.
Total inflow at boundaries = 0.12519 g/sq.ft.
Mass discrepancy = 0.16093E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.647 g/sq.ft.
Advection in from atmosphere = 48.656 g/sq.ft.
Advection in from water table = -0.98667E-03g/sq.ft.
Diffusion in from atmosphere = -25.412 g/sq.ft.
Diffusion in from water table = -2.5962 g/sq.ft.
Total inflow at boundaries = 20.647 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 50.00, total mass in vadose zone = 20.767 g/sq.ft.
Mass in gas phase = 0.91148 g/sq.ft.
Mass in liquid phase = 1.9548 g/sq.ft.
Mass sorbed = 17.901 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.11992 g/sq.ft.
Advection in from atmosphere = 0.99298 g/sq.ft.
Advection in from water table = -0.46860E-04g/sq.ft.
Diffusion in from atmosphere = -0.78843 g/sq.ft.
Diffusion in from water table = -0.84589E-01g/sq.ft.
Total inflow at boundaries = 0.11992 g/sq.ft.
Mass discrepancy = 0.23097E-05g/sq.ft.

Since beginning of run at time = 0.0

Change in Total Mass = 20.767 g/sq.ft.

Advection in from atmosphere = 49.649 g/sq.ft.

Advection in from water table = -0.10335E-02g/sq.ft.

Diffusion in from atmosphere = -26.200 g/sq.ft.

Diffusion in from water table = -2.6808 g/sq.ft.

Total inflow at boundaries = 20.767 g/sq.ft.

Mass discrepancy = 0.19073E-05g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.50254E-16	0.64828E-13
2.00	0.35316E-02	4.5558
3.00	0.69450E-02	8.9590
4.00	0.10244E-01	13.215
5.00	0.13432E-01	17.327
6.00	0.16513E-01	21.301
7.00	0.19490E-01	25.142
8.00	0.22366E-01	28.852
9.00	0.25146E-01	32.438
10.00	0.27831E-01	35.902
11.00	0.30425E-01	39.248
12.00	0.32931E-01	42.481
13.00	0.35352E-01	45.604
14.00	0.37691E-01	48.621
15.00	0.39950E-01	51.535
16.00	0.42131E-01	54.349
17.00	0.44238E-01	57.068
18.00	0.46274E-01	59.693
19.00	0.48239E-01	62.228
20.00	0.50137E-01	64.676
21.00	0.51969E-01	67.041
22.00	0.53739E-01	69.324
23.00	0.55448E-01	71.528
24.00	0.57098E-01	73.656
25.00	0.58691E-01	75.711
26.00	0.60228E-01	77.695
27.00	0.61713E-01	79.610
28.00	0.63146E-01	81.459
29.00	0.64530E-01	83.243
30.00	0.65865E-01	84.966
31.00	0.67154E-01	86.629

32.00	0.68398E-01	88.234
33.00	0.69599E-01	89.783
34.00	0.70758E-01	91.278
35.00	0.71877E-01	92.721
36.00	0.72956E-01	94.114
37.00	0.73998E-01	95.457
38.00	0.75003E-01	96.754
39.00	0.75973E-01	98.005
40.00	0.76909E-01	99.213
41.00	0.77812E-01	100.38
42.00	0.78684E-01	101.50
43.00	0.79524E-01	102.59
44.00	0.80336E-01	103.63
45.00	0.81118E-01	104.64
46.00	0.81873E-01	105.62
47.00	0.82601E-01	106.56
48.00	0.83304E-01	107.46
49.00	0.83982E-01	108.34
50.00	0.84635E-01	109.18

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.64828E-13	0.64828E-13
2.00	4.5558	4.5558
3.00	8.9590	13.515
4.00	13.215	26.729
5.00	17.327	44.056
6.00	21.301	65.358
7.00	25.142	90.500
8.00	28.852	119.35
9.00	32.438	151.79
10.00	35.902	187.69
11.00	39.248	226.94
12.00	42.481	269.42
13.00	45.604	315.02
14.00	48.621	363.65
15.00	51.535	415.18
16.00	54.349	469.53
17.00	57.068	526.60
18.00	59.693	586.29
19.00	62.228	648.52

20.00	64.676	713.20
21.00	67.041	780.24
22.00	69.324	849.56
23.00	71.528	921.09
24.00	73.656	994.74
25.00	75.711	1070.5
26.00	77.695	1148.1
27.00	79.610	1227.8
28.00	81.459	1309.2
29.00	83.243	1392.5
30.00	84.966	1477.4
31.00	86.629	1564.1
32.00	88.234	1652.3
33.00	89.783	1742.1
34.00	91.278	1833.4
35.00	92.721	1926.1
36.00	94.114	2020.2
37.00	95.457	2115.6
38.00	96.754	2212.4
39.00	98.005	2310.4
40.00	99.213	2409.6
41.00	100.38	2510.0
42.00	101.50	2611.5
43.00	102.59	2714.1
44.00	103.63	2817.7
45.00	104.64	2922.4
46.00	105.62	3028.0
47.00	106.56	3134.5
48.00	107.46	3242.0
49.00	108.34	3350.3
50.00	109.18	3459.5

VLEACH (Version 2.2a, 1996)

By:

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Based on the original VLEACH (version 1.0)
developed by CH2M Hill, Redding, California
for USEPA Region IX

Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.71169E-01	0.26457	0.79220E-05
2	0.16700E-02	0.62082E-02	0.18589E-06
3	0.39187E-04	0.14568E-03	0.43620E-08
4	0.91952E-06	0.34183E-05	0.10235E-09
5	0.21577E-07	0.80211E-07	0.24018E-11
6	0.50630E-09	0.18822E-08	0.56358E-13
7	0.11880E-10	0.44165E-10	0.13224E-14
8	0.27878E-12	0.10363E-11	0.31031E-16
9	0.65415E-14	0.24318E-13	0.72815E-18
10	0.15350E-15	0.57062E-15	0.17086E-19

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.13892	0.51643	0.15464E-04
2	0.35846E-02	0.13326E-01	0.39901E-06
3	0.10684E-03	0.39719E-03	0.11893E-07
4	0.16022E-04	0.59562E-04	0.17835E-08
5	0.11641E-04	0.43276E-04	0.12958E-08
6	0.95304E-05	0.35429E-04	0.10609E-08
7	0.75427E-05	0.28040E-04	0.83960E-09
8	0.56103E-05	0.20856E-04	0.62450E-09
9	0.37181E-05	0.13822E-04	0.41387E-09
10	0.18524E-05	0.68863E-05	0.20620E-09

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.20342	0.75620	0.22643E-04
2	0.57166E-02	0.21251E-01	0.63634E-06
3	0.20172E-03	0.74989E-03	0.22454E-07
4	0.44269E-04	0.16457E-03	0.49277E-08
5	0.33954E-04	0.12622E-03	0.37795E-08
6	0.27850E-04	0.10353E-03	0.31000E-08
7	0.22047E-04	0.81960E-04	0.24542E-08
8	0.16403E-04	0.60978E-04	0.18259E-08
9	0.10874E-04	0.40425E-04	0.12105E-08
10	0.54223E-05	0.20157E-04	0.60358E-09

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.26482	0.98446	0.29478E-04
2	0.80408E-02	0.29892E-01	0.89505E-06
3	0.32254E-03	0.11990E-02	0.35903E-07
4	0.84680E-04	0.31479E-03	0.94259E-08
5	0.66108E-04	0.24576E-03	0.73587E-08
6	0.54261E-04	0.20171E-03	0.60400E-08
7	0.42967E-04	0.15973E-03	0.47827E-08
8	0.31975E-04	0.11887E-03	0.35592E-08
9	0.21205E-04	0.78829E-04	0.23604E-08
10	0.10582E-04	0.39338E-04	0.11779E-08

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.32327	1.2018	0.35984E-04
2	0.10534E-01	0.39160E-01	0.11726E-05
3	0.46803E-03	0.17399E-02	0.52098E-07
4	0.13633E-03	0.50681E-03	0.15176E-07
5	0.10730E-03	0.39889E-03	0.11944E-07
6	0.88108E-04	0.32754E-03	0.98076E-08
7	0.69784E-04	0.25942E-03	0.77679E-08
8	0.51945E-04	0.19310E-03	0.57821E-08
9	0.34460E-04	0.12810E-03	0.38359E-08
10	0.17211E-04	0.63980E-04	0.19158E-08

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.37892	1.4086	0.42178E-04
2	0.13174E-01	0.48975E-01	0.14665E-05
3	0.63690E-03	0.23677E-02	0.70895E-07
4	0.19836E-03	0.73738E-03	0.22080E-07
5	0.15678E-03	0.58283E-03	0.17452E-07
6	0.12877E-03	0.47871E-03	0.14334E-07
7	0.10202E-03	0.37924E-03	0.11356E-07
8	0.75955E-04	0.28236E-03	0.84547E-08
9	0.50405E-04	0.18738E-03	0.56107E-08
10	0.25194E-04	0.93659E-04	0.28044E-08

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.43189	1.6055	0.48075E-04
2	0.15942E-01	0.59266E-01	0.17746E-05
3	0.82786E-03	0.30775E-02	0.92151E-07
4	0.26993E-03	0.10035E-02	0.30047E-07
5	0.21384E-03	0.79494E-03	0.23803E-07
6	0.17567E-03	0.65307E-03	0.19555E-07
7	0.13920E-03	0.51748E-03	0.15495E-07
8	0.10367E-03	0.38538E-03	0.11539E-07
9	0.68818E-04	0.25583E-03	0.76603E-08
10	0.34425E-04	0.12797E-03	0.38319E-08

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.48232	1.7930	0.53689E-04
2	0.18820E-01	0.69962E-01	0.20949E-05
3	0.10396E-02	0.38648E-02	0.11573E-06
4	0.35029E-03	0.13022E-02	0.38991E-07
5	0.27781E-03	0.10327E-02	0.30924E-07
6	0.22827E-03	0.84857E-03	0.25409E-07
7	0.18091E-03	0.67254E-03	0.20138E-07
8	0.13476E-03	0.50097E-03	0.15001E-07
9	0.89489E-04	0.33267E-03	0.99613E-08
10	0.44800E-04	0.16654E-03	0.49868E-08

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.53033	1.9715	0.59033E-04
2	0.21790E-01	0.81003E-01	0.24255E-05
3	0.12710E-02	0.47248E-02	0.14148E-06
4	0.43869E-03	0.16308E-02	0.48832E-07
5	0.34806E-03	0.12939E-02	0.38744E-07
6	0.28603E-03	0.10633E-02	0.31839E-07
7	0.22675E-03	0.84292E-03	0.25240E-07
8	0.16894E-03	0.62804E-03	0.18805E-07
9	0.11222E-03	0.41719E-03	0.12492E-07
10	0.56224E-04	0.20901E-03	0.62585E-08

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.57603	2.1414	0.64120E-04
2	0.24837E-01	0.92330E-01	0.27646E-05
3	0.15206E-02	0.56529E-02	0.16927E-06
4	0.53447E-03	0.19869E-02	0.59493E-07
5	0.42402E-03	0.15763E-02	0.47198E-07
6	0.34849E-03	0.12955E-02	0.38792E-07
7	0.27632E-03	0.10272E-02	0.30758E-07
8	0.20592E-03	0.76552E-03	0.22922E-07
9	0.13683E-03	0.50867E-03	0.15231E-07
10	0.68606E-04	0.25504E-03	0.76367E-08

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.61954	2.3031	0.68963E-04
2	0.27946E-01	0.10389	0.31108E-05
3	0.17874E-02	0.66445E-02	0.19896E-06
4	0.63696E-03	0.23679E-02	0.70902E-07
5	0.50512E-03	0.18778E-02	0.56226E-07
6	0.41520E-03	0.15435E-02	0.46217E-07
7	0.32927E-03	0.12241E-02	0.36652E-07
8	0.24545E-03	0.91244E-03	0.27321E-07
9	0.16315E-03	0.60649E-03	0.18160E-07
10	0.81860E-04	0.30431E-03	0.91121E-08

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.66096	2.4571	0.73574E-04
2	0.31106E-01	0.11564	0.34625E-05
3	0.20700E-02	0.76952E-02	0.23042E-06
4	0.74557E-03	0.27716E-02	0.82992E-07
5	0.59085E-03	0.21965E-02	0.65769E-07
6	0.48571E-03	0.18056E-02	0.54066E-07
7	0.38527E-03	0.14322E-02	0.42886E-07
8	0.28726E-03	0.10679E-02	0.31975E-07
9	0.19100E-03	0.71003E-03	0.21260E-07
10	0.95906E-04	0.35653E-03	0.10676E-07

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.70040	2.6037	0.77963E-04
2	0.34304E-01	0.12752	0.38185E-05
3	0.23674E-02	0.88006E-02	0.26352E-06
4	0.85972E-03	0.31960E-02	0.95698E-07
5	0.68073E-03	0.25306E-02	0.75774E-07
6	0.55965E-03	0.20805E-02	0.62296E-07
7	0.44401E-03	0.16506E-02	0.49424E-07
8	0.33112E-03	0.12309E-02	0.36858E-07
9	0.22023E-03	0.81871E-03	0.24515E-07
10	0.11067E-03	0.41140E-03	0.12319E-07

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.73794	2.7433	0.82142E-04
2	0.37529E-01	0.13951	0.41774E-05
3	0.26783E-02	0.99565E-02	0.29813E-06
4	0.97888E-03	0.36390E-02	0.10896E-06
5	0.77430E-03	0.28785E-02	0.86190E-07
6	0.63662E-03	0.23666E-02	0.70864E-07
7	0.50518E-03	0.18780E-02	0.56233E-07
8	0.37683E-03	0.14008E-02	0.41946E-07
9	0.25071E-03	0.93200E-03	0.27907E-07
10	0.12607E-03	0.46867E-03	0.14033E-07

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.77367	2.8761	0.86120E-04
2	0.40771E-01	0.15156	0.45383E-05
3	0.30017E-02	0.11159E-01	0.33413E-06
4	0.11025E-02	0.40986E-02	0.12273E-06
5	0.87115E-03	0.32385E-02	0.96970E-07
6	0.71629E-03	0.26628E-02	0.79733E-07
7	0.56852E-03	0.21134E-02	0.63283E-07
8	0.42416E-03	0.15768E-02	0.47215E-07
9	0.28229E-03	0.10494E-02	0.31422E-07
10	0.14205E-03	0.52808E-03	0.15812E-07

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.80769	3.0026	0.89907E-04
2	0.44021E-01	0.16365	0.49001E-05
3	0.33365E-02	0.12403E-01	0.37140E-06
4	0.12302E-02	0.45733E-02	0.13694E-06
5	0.97087E-03	0.36092E-02	0.10807E-06
6	0.79833E-03	0.29678E-02	0.88864E-07
7	0.63375E-03	0.23559E-02	0.70545E-07
8	0.47294E-03	0.17581E-02	0.52644E-07
9	0.31484E-03	0.11704E-02	0.35046E-07
10	0.15855E-03	0.58939E-03	0.17648E-07

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.84008	3.1230	0.93512E-04
2	0.47271E-01	0.17573	0.52619E-05
3	0.36817E-02	0.13687E-01	0.40982E-06
4	0.13615E-02	0.50612E-02	0.15155E-06
5	0.10731E-02	0.39892E-02	0.11945E-06
6	0.88243E-03	0.32804E-02	0.98226E-07
7	0.70065E-03	0.26046E-02	0.77991E-07
8	0.52297E-03	0.19441E-02	0.58213E-07
9	0.34825E-03	0.12946E-02	0.38765E-07
10	0.17549E-03	0.65240E-03	0.19535E-07

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.87092	3.2376	0.96944E-04
2	0.50514E-01	0.18778	0.56228E-05
3	0.40362E-02	0.15005E-01	0.44929E-06
4	0.14959E-02	0.55609E-02	0.16651E-06
5	0.11775E-02	0.43772E-02	0.13107E-06
6	0.96830E-03	0.35996E-02	0.10778E-06
7	0.76897E-03	0.28586E-02	0.85597E-07
8	0.57410E-03	0.21342E-02	0.63904E-07
9	0.38241E-03	0.14216E-02	0.42567E-07
10	0.19284E-03	0.71688E-03	0.21466E-07

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.90027	3.3467	0.10021E-03
2	0.53742E-01	0.19979	0.59822E-05
3	0.43992E-02	0.16354E-01	0.48968E-06
4	0.16331E-02	0.60708E-02	0.18178E-06
5	0.12837E-02	0.47721E-02	0.14289E-06
6	0.10557E-02	0.39245E-02	0.11751E-06
7	0.83852E-03	0.31172E-02	0.93338E-07
8	0.62615E-03	0.23277E-02	0.69699E-07
9	0.41720E-03	0.15509E-02	0.46440E-07
10	0.21053E-03	0.78264E-03	0.23435E-07

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.92822	3.4506	0.10332E-03
2	0.56950E-01	0.21171	0.63393E-05
3	0.47696E-02	0.17731E-01	0.53091E-06
4	0.17726E-02	0.65897E-02	0.19732E-06
5	0.13914E-02	0.51726E-02	0.15489E-06
6	0.11443E-02	0.42540E-02	0.12738E-06
7	0.90910E-03	0.33795E-02	0.10119E-06
8	0.67900E-03	0.25241E-02	0.75581E-07
9	0.45254E-03	0.16823E-02	0.50374E-07
10	0.22852E-03	0.84951E-03	0.25437E-07

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.95482	3.5495	0.10628E-03
2	0.60133E-01	0.22354	0.66936E-05
3	0.51465E-02	0.19132E-01	0.57287E-06
4	0.19142E-02	0.71161E-02	0.21308E-06
5	0.15004E-02	0.55779E-02	0.16702E-06
6	0.12340E-02	0.45873E-02	0.13736E-06
7	0.98051E-03	0.36450E-02	0.10914E-06
8	0.73249E-03	0.27230E-02	0.81535E-07
9	0.48833E-03	0.18154E-02	0.54358E-07
10	0.24675E-03	0.91730E-03	0.27467E-07

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.98015	3.6437	0.10910E-03
2	0.63285E-01	0.23526	0.70444E-05
3	0.55292E-02	0.20555E-01	0.61547E-06
4	0.20576E-02	0.76490E-02	0.22903E-06
5	0.16104E-02	0.59868E-02	0.17926E-06
6	0.13245E-02	0.49237E-02	0.14743E-06
7	0.10526E-02	0.39130E-02	0.11717E-06
8	0.78650E-03	0.29238E-02	0.87547E-07
9	0.52449E-03	0.19498E-02	0.58382E-07
10	0.26520E-03	0.98586E-03	0.29520E-07

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0043	3.7333	0.11179E-03
2	0.66402E-01	0.24685	0.73914E-05
3	0.59167E-02	0.21995E-01	0.65861E-06
4	0.22023E-02	0.81871E-02	0.24515E-06
5	0.17212E-02	0.63985E-02	0.19159E-06
6	0.14156E-02	0.52623E-02	0.15757E-06
7	0.11252E-02	0.41829E-02	0.12525E-06
8	0.84091E-03	0.31261E-02	0.93604E-07
9	0.56093E-03	0.20852E-02	0.62439E-07
10	0.28380E-03	0.10550E-02	0.31591E-07

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0272	3.8186	0.11434E-03
2	0.69480E-01	0.25829	0.77340E-05
3	0.63084E-02	0.23451E-01	0.70221E-06
4	0.23482E-02	0.87294E-02	0.26139E-06
5	0.18325E-02	0.68122E-02	0.20398E-06
6	0.15071E-02	0.56026E-02	0.16776E-06
7	0.11981E-02	0.44541E-02	0.13337E-06
8	0.89561E-03	0.33294E-02	0.99693E-07
9	0.59758E-03	0.22215E-02	0.66519E-07
10	0.30254E-03	0.11247E-02	0.33677E-07

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0491	3.8999	0.11677E-03
2	0.72516E-01	0.26958	0.80720E-05
3	0.67035E-02	0.24920E-01	0.74618E-06
4	0.24950E-02	0.92749E-02	0.27772E-06
5	0.19441E-02	0.72270E-02	0.21640E-06
6	0.15989E-02	0.59437E-02	0.17797E-06
7	0.12713E-02	0.47261E-02	0.14151E-06
8	0.95050E-03	0.35335E-02	0.10580E-06
9	0.63438E-03	0.23583E-02	0.70614E-07
10	0.32137E-03	0.11947E-02	0.35773E-07

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0699	3.9772	0.11909E-03
2	0.75507E-01	0.28069	0.84049E-05
3	0.71012E-02	0.26399E-01	0.79046E-06
4	0.26423E-02	0.98228E-02	0.29412E-06
5	0.20558E-02	0.76424E-02	0.22884E-06
6	0.16907E-02	0.62852E-02	0.18820E-06
7	0.13446E-02	0.49985E-02	0.14967E-06
8	0.10055E-02	0.37379E-02	0.11192E-06
9	0.67125E-03	0.24954E-02	0.74719E-07
10	0.34027E-03	0.12649E-02	0.37876E-07

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0897	4.0508	0.12129E-03
2	0.78450E-01	0.29163	0.87325E-05
3	0.75009E-02	0.27884E-01	0.83495E-06
4	0.27901E-02	0.10372E-01	0.31057E-06
5	0.21675E-02	0.80575E-02	0.24127E-06
6	0.17825E-02	0.66265E-02	0.19842E-06
7	0.14178E-02	0.52708E-02	0.15782E-06
8	0.10605E-02	0.39423E-02	0.11804E-06
9	0.70815E-03	0.26325E-02	0.78826E-07
10	0.35919E-03	0.13353E-02	0.39982E-07

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1085	4.1209	0.12339E-03
2	0.81343E-01	0.30239	0.90545E-05
3	0.79020E-02	0.29375E-01	0.87959E-06
4	0.29380E-02	0.10922E-01	0.32703E-06
5	0.22789E-02	0.84718E-02	0.25367E-06
6	0.18742E-02	0.69671E-02	0.20862E-06
7	0.14910E-02	0.55426E-02	0.16596E-06
8	0.11154E-02	0.41464E-02	0.12415E-06
9	0.74501E-03	0.27695E-02	0.82929E-07
10	0.37811E-03	0.14056E-02	0.42089E-07

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1265	4.1877	0.12539E-03
2	0.84183E-01	0.31295	0.93707E-05
3	0.83038E-02	0.30869E-01	0.92432E-06
4	0.30859E-02	0.11472E-01	0.34350E-06
5	0.23900E-02	0.88848E-02	0.26604E-06
6	0.19655E-02	0.73066E-02	0.21878E-06
7	0.15639E-02	0.58136E-02	0.17408E-06
8	0.11701E-02	0.43499E-02	0.13025E-06
9	0.78178E-03	0.29062E-02	0.87022E-07
10	0.39701E-03	0.14759E-02	0.44193E-07

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1436	4.2512	0.12729E-03
2	0.86970E-01	0.32331	0.96809E-05
3	0.87059E-02	0.32364E-01	0.96907E-06
4	0.32335E-02	0.12020E-01	0.35993E-06
5	0.25006E-02	0.92959E-02	0.27835E-06
6	0.20563E-02	0.76444E-02	0.22890E-06
7	0.16364E-02	0.60834E-02	0.18215E-06
8	0.12246E-02	0.45526E-02	0.13632E-06
9	0.81841E-03	0.30424E-02	0.91100E-07
10	0.41586E-03	0.15460E-02	0.46291E-07

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1598	4.3117	0.12911E-03
2	0.89702E-01	0.33347	0.99850E-05
3	0.91075E-02	0.33857E-01	0.10138E-05
4	0.33808E-02	0.12568E-01	0.37632E-06
5	0.26105E-02	0.97046E-02	0.29059E-06
6	0.21467E-02	0.79802E-02	0.23895E-06
7	0.17086E-02	0.63516E-02	0.19019E-06
8	0.12789E-02	0.47542E-02	0.14236E-06
9	0.85488E-03	0.31780E-02	0.95159E-07
10	0.43464E-03	0.16158E-02	0.48381E-07

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1753	4.3693	0.13083E-03
2	0.92378E-01	0.34341	0.10283E-04
3	0.95083E-02	0.35347E-01	0.10584E-05
4	0.35275E-02	0.13113E-01	0.39265E-06
5	0.27197E-02	0.10110E-01	0.30274E-06
6	0.22364E-02	0.83137E-02	0.24894E-06
7	0.17802E-02	0.66180E-02	0.19816E-06
8	0.13328E-02	0.49545E-02	0.14835E-06
9	0.89112E-03	0.33127E-02	0.99193E-07
10	0.45333E-03	0.16852E-02	0.50462E-07

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1901	4.4241	0.13247E-03
2	0.94997E-01	0.35315	0.10574E-04
3	0.99078E-02	0.36832E-01	0.11029E-05
4	0.36734E-02	0.13656E-01	0.40890E-06
5	0.28280E-02	0.10513E-01	0.31480E-06
6	0.23254E-02	0.86444E-02	0.25884E-06
7	0.18514E-02	0.68824E-02	0.20608E-06
8	0.13863E-02	0.51534E-02	0.15431E-06
9	0.92711E-03	0.34465E-02	0.10320E-06
10	0.47191E-03	0.17543E-02	0.52529E-07

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2041	4.4763	0.13403E-03
2	0.97558E-01	0.36267	0.10859E-04
3	0.10306E-01	0.38311E-01	0.11471E-05
4	0.38186E-02	0.14195E-01	0.42506E-06
5	0.29354E-02	0.10912E-01	0.32675E-06
6	0.24135E-02	0.89722E-02	0.26866E-06
7	0.19218E-02	0.71444E-02	0.21393E-06
8	0.14393E-02	0.53505E-02	0.16021E-06
9	0.96281E-03	0.35792E-02	0.10717E-06
10	0.49035E-03	0.18229E-02	0.54583E-07

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2175	4.5259	0.13552E-03
2	0.10006	0.37198	0.11138E-04
3	0.10701E-01	0.39781E-01	0.11912E-05
4	0.39627E-02	0.14731E-01	0.44110E-06
5	0.30417E-02	0.11308E-01	0.33859E-06
6	0.25008E-02	0.92967E-02	0.27837E-06
7	0.19916E-02	0.74039E-02	0.22170E-06
8	0.14918E-02	0.55458E-02	0.16606E-06
9	0.99820E-03	0.37108E-02	0.11111E-06
10	0.50866E-03	0.18909E-02	0.56620E-07

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2302	4.5732	0.13694E-03
2	0.10251	0.38106	0.11410E-04
3	0.11094E-01	0.41242E-01	0.12349E-05
4	0.41058E-02	0.15263E-01	0.45703E-06
5	0.31469E-02	0.11699E-01	0.35029E-06
6	0.25872E-02	0.96177E-02	0.28799E-06
7	0.20607E-02	0.76606E-02	0.22938E-06
8	0.15438E-02	0.57391E-02	0.17185E-06
9	0.10332E-02	0.38410E-02	0.11501E-06
10	0.52680E-03	0.19584E-02	0.58639E-07

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2423	4.6183	0.13829E-03
2	0.10489	0.38993	0.11676E-04
3	0.11484E-01	0.42692E-01	0.12783E-05
4	0.42476E-02	0.15790E-01	0.47281E-06
5	0.32509E-02	0.12085E-01	0.36187E-06
6	0.26725E-02	0.99350E-02	0.29749E-06
7	0.21290E-02	0.79145E-02	0.23698E-06
8	0.15953E-02	0.59303E-02	0.17757E-06
9	0.10679E-02	0.39699E-02	0.11887E-06
10	0.54476E-03	0.20251E-02	0.60639E-07

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2538	4.6612	0.13957E-03
2	0.10722	0.39859	0.11935E-04
3	0.11871E-01	0.44130E-01	0.13214E-05
4	0.43882E-02	0.16313E-01	0.48846E-06
5	0.33537E-02	0.12467E-01	0.37331E-06
6	0.27568E-02	0.10248E-01	0.30687E-06
7	0.21964E-02	0.81652E-02	0.24449E-06
8	0.16461E-02	0.61192E-02	0.18323E-06
9	0.11022E-02	0.40973E-02	0.12269E-06
10	0.56254E-03	0.20912E-02	0.62618E-07

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2648	4.7020	0.14079E-03
2	0.10949	0.40702	0.12187E-04
3	0.12254E-01	0.45555E-01	0.13640E-05
4	0.45273E-02	0.16830E-01	0.50395E-06
5	0.34551E-02	0.12844E-01	0.38460E-06
6	0.28400E-02	0.10558E-01	0.31613E-06
7	0.22630E-02	0.84127E-02	0.25190E-06
8	0.16963E-02	0.63058E-02	0.18881E-06
9	0.11360E-02	0.42232E-02	0.12646E-06
10	0.58013E-03	0.21566E-02	0.64576E-07

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2753	4.7408	0.14196E-03
2	0.11170	0.41524	0.12434E-04
3	0.12634E-01	0.46965E-01	0.14063E-05
4	0.46650E-02	0.17342E-01	0.51927E-06
5	0.35551E-02	0.13216E-01	0.39573E-06
6	0.29220E-02	0.10862E-01	0.32526E-06
7	0.23287E-02	0.86569E-02	0.25921E-06
8	0.17458E-02	0.64899E-02	0.19433E-06
9	0.11695E-02	0.43474E-02	0.13018E-06
10	0.59750E-03	0.22212E-02	0.66510E-07

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2852	4.7778	0.14306E-03
2	0.11385	0.42324	0.12673E-04
3	0.13009E-01	0.48360E-01	0.14481E-05
4	0.48011E-02	0.17848E-01	0.53442E-06
5	0.36537E-02	0.13583E-01	0.40671E-06
6	0.30028E-02	0.11163E-01	0.33426E-06
7	0.23934E-02	0.88975E-02	0.26642E-06
8	0.17946E-02	0.66714E-02	0.19976E-06
9	0.12024E-02	0.44700E-02	0.13385E-06
10	0.61466E-03	0.22850E-02	0.68420E-07

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2947	4.8130	0.14412E-03
2	0.11595	0.43103	0.12907E-04
3	0.13380E-01	0.49739E-01	0.14893E-05
4	0.49356E-02	0.18348E-01	0.54939E-06
5	0.37509E-02	0.13944E-01	0.41752E-06
6	0.30825E-02	0.11459E-01	0.34312E-06
7	0.24572E-02	0.91346E-02	0.27352E-06
8	0.18427E-02	0.68502E-02	0.20512E-06
9	0.12349E-02	0.45909E-02	0.13747E-06
10	0.63160E-03	0.23479E-02	0.70305E-07

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3037	4.8466	0.14512E-03
2	0.11799	0.43862	0.13134E-04
3	0.13746E-01	0.51101E-01	0.15301E-05
4	0.50683E-02	0.18841E-01	0.56417E-06
5	0.38466E-02	0.14299E-01	0.42817E-06
6	0.31608E-02	0.11750E-01	0.35184E-06
7	0.25200E-02	0.93681E-02	0.28051E-06
8	0.18901E-02	0.70264E-02	0.21039E-06
9	0.12670E-02	0.47099E-02	0.14103E-06
10	0.64830E-03	0.24100E-02	0.72164E-07

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3123	4.8785	0.14608E-03
2	0.11997	0.44599	0.13354E-04
3	0.14108E-01	0.52445E-01	0.15704E-05
4	0.51994E-02	0.19329E-01	0.57876E-06
5	0.39407E-02	0.14649E-01	0.43865E-06
6	0.32379E-02	0.12037E-01	0.36042E-06
7	0.25818E-02	0.95977E-02	0.28739E-06
8	0.19368E-02	0.71998E-02	0.21559E-06
9	0.12985E-02	0.48272E-02	0.14454E-06
10	0.66476E-03	0.24712E-02	0.73996E-07

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3205	4.9089	0.14699E-03
2	0.12190	0.45315	0.13569E-04
3	0.14464E-01	0.53771E-01	0.16101E-05
4	0.53286E-02	0.19809E-01	0.59315E-06
5	0.40333E-02	0.14994E-01	0.44895E-06
6	0.33137E-02	0.12319E-01	0.36886E-06
7	0.26426E-02	0.98236E-02	0.29415E-06
8	0.19826E-02	0.73704E-02	0.22069E-06
9	0.13296E-02	0.49426E-02	0.14800E-06
10	0.68098E-03	0.25315E-02	0.75802E-07

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3283	4.9378	0.14785E-03
2	0.12377	0.46012	0.13777E-04
3	0.14816E-01	0.55078E-01	0.16492E-05
4	0.54561E-02	0.20283E-01	0.60733E-06
5	0.41243E-02	0.15332E-01	0.45909E-06
6	0.33882E-02	0.12596E-01	0.37715E-06
7	0.27023E-02	0.10046E-01	0.30080E-06
8	0.20278E-02	0.75381E-02	0.22572E-06
9	0.13601E-02	0.50561E-02	0.15140E-06
10	0.69695E-03	0.25909E-02	0.77579E-07

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3357	4.9654	0.14868E-03
2	0.12559	0.46688	0.13980E-04
3	0.15162E-01	0.56365E-01	0.16878E-05
4	0.55816E-02	0.20749E-01	0.62130E-06
5	0.42137E-02	0.15664E-01	0.46904E-06
6	0.34614E-02	0.12868E-01	0.38530E-06
7	0.27610E-02	0.10264E-01	0.30733E-06
8	0.20721E-02	0.77030E-02	0.23065E-06
9	0.13901E-02	0.51678E-02	0.15474E-06
10	0.71266E-03	0.26493E-02	0.79328E-07

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3427	4.9916	0.14946E-03
2	0.12736	0.47344	0.14176E-04
3	0.15503E-01	0.57633E-01	0.17257E-05
4	0.57052E-02	0.21209E-01	0.63507E-06
5	0.43015E-02	0.15991E-01	0.47881E-06
6	0.35332E-02	0.13135E-01	0.39329E-06
7	0.28186E-02	0.10478E-01	0.31374E-06
8	0.21157E-02	0.78649E-02	0.23550E-06
9	0.14196E-02	0.52775E-02	0.15802E-06
10	0.72812E-03	0.27068E-02	0.81049E-07

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3495	5.0166	0.15021E-03
2	0.12907	0.47982	0.14367E-04
3	0.15839E-01	0.58880E-01	0.17630E-05
4	0.58269E-02	0.21661E-01	0.64861E-06
5	0.43877E-02	0.16311E-01	0.48841E-06
6	0.36037E-02	0.13397E-01	0.40114E-06
7	0.28751E-02	0.10688E-01	0.32004E-06
8	0.21584E-02	0.80239E-02	0.24026E-06
9	0.14486E-02	0.53852E-02	0.16125E-06
10	0.74332E-03	0.27633E-02	0.82741E-07

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.3558	5.0403	0.15092E-03
2	0.13073	0.48600	0.14552E-04
3	0.16169E-01	0.60106E-01	0.17998E-05
4	0.59467E-02	0.22107E-01	0.66194E-06
5	0.44723E-02	0.16626E-01	0.49783E-06
6	0.36728E-02	0.13654E-01	0.40883E-06
7	0.29306E-02	0.10894E-01	0.32621E-06
8	0.22004E-02	0.81799E-02	0.24493E-06
9	0.14771E-02	0.54910E-02	0.16442E-06
10	0.75826E-03	0.28188E-02	0.84404E-07

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 139.00 ml/g, 0.49087E-02cu.ft./g
Kh = 0.26900 (dimensionless).
Aqueous solubility = 526.00 mg/l, 14.895 g/cu.ft
Free air diffusion coefficient = .73400 sq. m/day, 2883.9 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.1500
Organic carbon content = 0.00610000
Recharge Rate = 0.01658000 ft/yr
Conc. in recharge water = 2115.0 mg/l, 59.890 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

3.2 Tolueno Medio

```
Benceno Barranquilla
1
     1      50       1      1
    139    0.269     526    0.734
Polygon1
   1290     2.3  0.16839    1.62     0.41     0.2   0.0061
   2314       0       0
  10Y      50
  10   10       0

|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|

Benceno Barranquilla

Polygon   1
At time =      0.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase    =      0.0000    g/sq.ft.
Mass in liquid phase  =      0.0000    g/sq.ft.
Mass sorbed          =      0.0000    g/sq.ft.

Polygon   1
At time =      1.00, total mass in vadose zone =     11.034    g/sq.ft.
Mass in gas phase    =     0.38237    g/sq.ft.
Mass in liquid phase  =      1.3538    g/sq.ft.
Mass sorbed          =      9.2977    g/sq.ft.

Since last printout at time =      0.00
          Change in Total Mass =     11.034    g/sq.ft.
             Advection in from atmosphere =      11.034    g/sq.ft.
             Advection in from water table =    -0.86705E-07g/sq.ft.
             Diffusion in from atmosphere =      0.0000    g/sq.ft.
             Diffusion in from water table =     0.0000    g/sq.ft.
```

Total inflow at boundaries = 11.034 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 11.034 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.86705E-07g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 11.034 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 21.708 g/sq.ft.
Mass in gas phase = 0.75228 g/sq.ft.
Mass in liquid phase = 2.6634 g/sq.ft.
Mass sorbed = 18.292 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 10.674 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.26655E-06g/sq.ft.
Diffusion in from atmosphere = -0.32676 g/sq.ft.
Diffusion in from water table = -0.32931E-01g/sq.ft.
Total inflow at boundaries = 10.674 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 21.708 g/sq.ft.
Advection in from atmosphere = 22.068 g/sq.ft.
Advection in from water table = -0.35325E-06g/sq.ft.
Diffusion in from atmosphere = -0.32676 g/sq.ft.
Diffusion in from water table = -0.32931E-01g/sq.ft.
Total inflow at boundaries = 21.708 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 32.035 g/sq.ft.
Mass in gas phase = 1.1102 g/sq.ft.
Mass in liquid phase = 3.9304 g/sq.ft.
Mass sorbed = 26.994 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 10.327 g/sq.ft.

Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.21237E-04g/sq.ft.
Diffusion in from atmosphere = -0.64074 g/sq.ft.
Diffusion in from water table = -0.66237E-01g/sq.ft.
Total inflow at boundaries = 10.327 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 32.035 g/sq.ft.
Advection in from atmosphere = 33.102 g/sq.ft.
Advection in from water table = -0.21590E-04g/sq.ft.
Diffusion in from atmosphere = -0.96751 g/sq.ft.
Diffusion in from water table = -0.99168E-01g/sq.ft.
Total inflow at boundaries = 32.035 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 42.026 g/sq.ft.
Mass in gas phase = 1.4564 g/sq.ft.
Mass in liquid phase = 5.1563 g/sq.ft.
Mass sorbed = 35.414 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 9.9915 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.63384E-04g/sq.ft.
Diffusion in from atmosphere = -0.94245 g/sq.ft.
Diffusion in from water table = -0.99867E-01g/sq.ft.
Total inflow at boundaries = 9.9915 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 42.026 g/sq.ft.
Advection in from atmosphere = 44.135 g/sq.ft.
Advection in from water table = -0.84974E-04g/sq.ft.
Diffusion in from atmosphere = -1.9100 g/sq.ft.
Diffusion in from water table = -0.19903 g/sq.ft.
Total inflow at boundaries = 42.026 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 51.694 g/sq.ft.
Mass in gas phase = 1.7914 g/sq.ft.
Mass in liquid phase = 6.3425 g/sq.ft.

Mass sorbed = 43.560 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 9.6676 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.12705E-03g/sq.ft.
Diffusion in from atmosphere = -1.2324 g/sq.ft.
Diffusion in from water table = -0.13377 g/sq.ft.
Total inflow at boundaries = 9.6676 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 51.694 g/sq.ft.
Advection in from atmosphere = 55.169 g/sq.ft.
Advection in from water table = -0.21202E-03g/sq.ft.
Diffusion in from atmosphere = -3.1423 g/sq.ft.
Diffusion in from water table = -0.33281 g/sq.ft.
Total inflow at boundaries = 51.694 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 61.049 g/sq.ft.
Mass in gas phase = 2.1156 g/sq.ft.
Mass in liquid phase = 7.4902 g/sq.ft.
Mass sorbed = 51.443 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 9.3547 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.21253E-03g/sq.ft.
Diffusion in from atmosphere = -1.5110 g/sq.ft.
Diffusion in from water table = -0.16790 g/sq.ft.
Total inflow at boundaries = 9.3547 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 61.049 g/sq.ft.
Advection in from atmosphere = 66.203 g/sq.ft.
Advection in from water table = -0.42455E-03g/sq.ft.
Diffusion in from atmosphere = -4.6533 g/sq.ft.
Diffusion in from water table = -0.50071 g/sq.ft.
Total inflow at boundaries = 61.049 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 70.101 g/sq.ft.
Mass in gas phase = 2.4293 g/sq.ft.
Mass in liquid phase = 8.6009 g/sq.ft.
Mass sorbed = 59.071 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 9.0526 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.32009E-03g/sq.ft.
Diffusion in from atmosphere = -1.7787 g/sq.ft.
Diffusion in from water table = -0.20222 g/sq.ft.
Total inflow at boundaries = 9.0526 g/sq.ft.
Mass discrepancy = 0.16212E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 70.101 g/sq.ft.
Advection in from atmosphere = 77.237 g/sq.ft.
Advection in from water table = -0.74463E-03g/sq.ft.
Diffusion in from atmosphere = -6.4320 g/sq.ft.
Diffusion in from water table = -0.70293 g/sq.ft.
Total inflow at boundaries = 70.101 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 8.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 8.00, total mass in vadose zone = 78.862 g/sq.ft.
Mass in gas phase = 2.7329 g/sq.ft.
Mass in liquid phase = 9.6758 g/sq.ft.
Mass sorbed = 66.453 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 8.7607 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.44995E-03g/sq.ft.
Diffusion in from atmosphere = -2.0360 g/sq.ft.
Diffusion in from water table = -0.23668 g/sq.ft.
Total inflow at boundaries = 8.7607 g/sq.ft.
Mass discrepancy = -0.57220E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 78.862 g/sq.ft.
Advection in from atmosphere = 88.271 g/sq.ft.
Advection in from water table = -0.11946E-02g/sq.ft.

Diffusion in from atmosphere = -8.4681 g/sq.ft.
Diffusion in from water table = -0.93961 g/sq.ft.
Total inflow at boundaries = 78.862 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.
WARNING!!! At time = 9.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 9.00, total mass in vadose zone = 87.341 g/sq.ft.
Mass in gas phase = 3.0268 g/sq.ft.
Mass in liquid phase = 10.716 g/sq.ft.
Mass sorbed = 73.598 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 8.4787 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.60233E-03g/sq.ft.
Diffusion in from atmosphere = -2.2833 g/sq.ft.
Diffusion in from water table = -0.27124 g/sq.ft.
Total inflow at boundaries = 8.4787 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 87.341 g/sq.ft.
Advection in from atmosphere = 99.305 g/sq.ft.
Advection in from water table = -0.17969E-02g/sq.ft.
Diffusion in from atmosphere = -10.751 g/sq.ft.
Diffusion in from water table = -1.2108 g/sq.ft.
Total inflow at boundaries = 87.341 g/sq.ft.
Mass discrepancy = 0.38147E-04g/sq.ft.
WARNING!!! At time = 10.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 10.00, total mass in vadose zone = 95.547 g/sq.ft.
Mass in gas phase = 3.3111 g/sq.ft.
Mass in liquid phase = 11.723 g/sq.ft.
Mass sorbed = 80.513 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 8.2063 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.77739E-03g/sq.ft.
Diffusion in from atmosphere = -2.5210 g/sq.ft.
Diffusion in from water table = -0.30587 g/sq.ft.
Total inflow at boundaries = 8.2062 g/sq.ft.

Mass discrepancy = 0.20981E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 95.547 g/sq.ft.
Advection in from atmosphere = 110.34 g/sq.ft.
Advection in from water table = -0.25743E-02g/sq.ft.
Diffusion in from atmosphere = -13.272 g/sq.ft.
Diffusion in from water table = -1.5167 g/sq.ft.
Total inflow at boundaries = 95.547 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 11.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 11.00, total mass in vadose zone = 103.49 g/sq.ft.
Mass in gas phase = 3.5864 g/sq.ft.
Mass in liquid phase = 12.697 g/sq.ft.
Mass sorbed = 87.206 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 7.9430 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.97528E-03g/sq.ft.
Diffusion in from atmosphere = -2.7494 g/sq.ft.
Diffusion in from water table = -0.34053 g/sq.ft.
Total inflow at boundaries = 7.9430 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 103.49 g/sq.ft.
Advection in from atmosphere = 121.37 g/sq.ft.
Advection in from water table = -0.35496E-02g/sq.ft.
Diffusion in from atmosphere = -16.022 g/sq.ft.
Diffusion in from water table = -1.8572 g/sq.ft.
Total inflow at boundaries = 103.49 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 12.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 12.00, total mass in vadose zone = 111.18 g/sq.ft.
Mass in gas phase = 3.8528 g/sq.ft.
Mass in liquid phase = 13.641 g/sq.ft.
Mass sorbed = 93.685 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 7.6886 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.11961E-02g/sq.ft.
Diffusion in from atmosphere = -2.9689 g/sq.ft.
Diffusion in from water table = -0.37519 g/sq.ft.
Total inflow at boundaries = 7.6886 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 111.18 g/sq.ft.
Advection in from atmosphere = 132.41 g/sq.ft.
Advection in from water table = -0.47457E-02g/sq.ft.
Diffusion in from atmosphere = -18.991 g/sq.ft.
Diffusion in from water table = -2.2324 g/sq.ft.
Total inflow at boundaries = 111.18 g/sq.ft.
Mass discrepancy = 0.83923E-04g/sq.ft.
WARNING!!! At time = 13.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 13.00, total mass in vadose zone = 118.62 g/sq.ft.
Mass in gas phase = 4.1108 g/sq.ft.
Mass in liquid phase = 14.554 g/sq.ft.
Mass sorbed = 99.956 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 7.4427 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.14401E-02g/sq.ft.
Diffusion in from atmosphere = -3.1799 g/sq.ft.
Diffusion in from water table = -0.40981 g/sq.ft.
Total inflow at boundaries = 7.4427 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 118.62 g/sq.ft.
Advection in from atmosphere = 143.44 g/sq.ft.
Advection in from water table = -0.61858E-02g/sq.ft.
Diffusion in from atmosphere = -22.170 g/sq.ft.
Diffusion in from water table = -2.6422 g/sq.ft.
Total inflow at boundaries = 118.62 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 14.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 14.00, total mass in vadose zone = 125.83 g/sq.ft.
Mass in gas phase = 4.3605 g/sq.ft.
Mass in liquid phase = 15.438 g/sq.ft.
Mass sorbed = 106.03 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 7.2051 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.17072E-02g/sq.ft.
Diffusion in from atmosphere = -3.3827 g/sq.ft.
Diffusion in from water table = -0.44437 g/sq.ft.
Total inflow at boundaries = 7.2051 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 125.83 g/sq.ft.
Advection in from atmosphere = 154.47 g/sq.ft.
Advection in from water table = -0.78930E-02g/sq.ft.
Diffusion in from atmosphere = -25.553 g/sq.ft.
Diffusion in from water table = -3.0866 g/sq.ft.
Total inflow at boundaries = 125.83 g/sq.ft.
Mass discrepancy = 0.99182E-04g/sq.ft.
WARNING!!! At time = 15.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 15.00, total mass in vadose zone = 132.80 g/sq.ft.
Mass in gas phase = 4.6022 g/sq.ft.
Mass in liquid phase = 16.294 g/sq.ft.
Mass sorbed = 111.91 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 6.9754 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.19976E-02g/sq.ft.
Diffusion in from atmosphere = -3.5776 g/sq.ft.
Diffusion in from water table = -0.47885 g/sq.ft.
Total inflow at boundaries = 6.9754 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 132.80 g/sq.ft.
Advection in from atmosphere = 165.51 g/sq.ft.
Advection in from water table = -0.98906E-02g/sq.ft.

Diffusion in from atmosphere = -29.131 g/sq.ft.
Diffusion in from water table = -3.5655 g/sq.ft.
Total inflow at boundaries = 132.80 g/sq.ft.
Mass discrepancy = 0.10681E-03g/sq.ft.
WARNING!!! At time = 16.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 16.00, total mass in vadose zone = 139.56 g/sq.ft.
Mass in gas phase = 4.8362 g/sq.ft.
Mass in liquid phase = 17.122 g/sq.ft.
Mass sorbed = 117.60 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 6.7534 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.23113E-02g/sq.ft.
Diffusion in from atmosphere = -3.7650 g/sq.ft.
Diffusion in from water table = -0.51321 g/sq.ft.
Total inflow at boundaries = 6.7534 g/sq.ft.
Mass discrepancy = 0.69618E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 139.56 g/sq.ft.
Advection in from atmosphere = 176.54 g/sq.ft.
Advection in from water table = -0.12202E-01g/sq.ft.
Diffusion in from atmosphere = -32.896 g/sq.ft.
Diffusion in from water table = -4.0787 g/sq.ft.
Total inflow at boundaries = 139.55 g/sq.ft.
Mass discrepancy = 0.16785E-03g/sq.ft.
WARNING!!! At time = 17.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 17.00, total mass in vadose zone = 146.09 g/sq.ft.
Mass in gas phase = 5.0628 g/sq.ft.
Mass in liquid phase = 17.925 g/sq.ft.
Mass sorbed = 123.11 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 6.5387 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.26484E-02g/sq.ft.
Diffusion in from atmosphere = -3.9451 g/sq.ft.
Diffusion in from water table = -0.54742 g/sq.ft.
Total inflow at boundaries = 6.5387 g/sq.ft.

Mass discrepancy = -0.26226E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 146.09 g/sq.ft.
Advection in from atmosphere = 187.58 g/sq.ft.
Advection in from water table = -0.14850E-01g/sq.ft.
Diffusion in from atmosphere = -36.841 g/sq.ft.
Diffusion in from water table = -4.6261 g/sq.ft.
Total inflow at boundaries = 146.09 g/sq.ft.
Mass discrepancy = 0.15259E-03g/sq.ft.
WARNING!!! At time = 18.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 18.00, total mass in vadose zone = 152.42 g/sq.ft.
Mass in gas phase = 5.2822 g/sq.ft.
Mass in liquid phase = 18.701 g/sq.ft.
Mass sorbed = 128.44 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 6.3311 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.30090E-02g/sq.ft.
Diffusion in from atmosphere = -4.1182 g/sq.ft.
Diffusion in from water table = -0.58148 g/sq.ft.
Total inflow at boundaries = 6.3312 g/sq.ft.
Mass discrepancy = -0.22411E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 152.42 g/sq.ft.
Advection in from atmosphere = 198.61 g/sq.ft.
Advection in from water table = -0.17859E-01g/sq.ft.
Diffusion in from atmosphere = -40.959 g/sq.ft.
Diffusion in from water table = -5.2076 g/sq.ft.
Total inflow at boundaries = 152.42 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.
WARNING!!! At time = 19.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 19.00, total mass in vadose zone = 158.56 g/sq.ft.
Mass in gas phase = 5.4947 g/sq.ft.
Mass in liquid phase = 19.454 g/sq.ft.
Mass sorbed = 133.61 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 6.1305 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.33931E-02g/sq.ft.
Diffusion in from atmosphere = -4.2846 g/sq.ft.
Diffusion in from water table = -0.61535 g/sq.ft.
Total inflow at boundaries = 6.1305 g/sq.ft.
Mass discrepancy = 0.28133E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 158.56 g/sq.ft.
Advection in from atmosphere = 209.64 g/sq.ft.
Advection in from water table = -0.21252E-01g/sq.ft.
Diffusion in from atmosphere = -45.244 g/sq.ft.
Diffusion in from water table = -5.8229 g/sq.ft.
Total inflow at boundaries = 158.56 g/sq.ft.
Mass discrepancy = 0.15259E-03g/sq.ft.
WARNING!!! At time = 20.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 20.00, total mass in vadose zone = 164.49 g/sq.ft.
Mass in gas phase = 5.7004 g/sq.ft.
Mass in liquid phase = 20.182 g/sq.ft.
Mass sorbed = 138.61 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 5.9364 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.38007E-02g/sq.ft.
Diffusion in from atmosphere = -4.4446 g/sq.ft.
Diffusion in from water table = -0.64902 g/sq.ft.
Total inflow at boundaries = 5.9364 g/sq.ft.
Mass discrepancy = 0.28610E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 164.49 g/sq.ft.
Advection in from atmosphere = 220.68 g/sq.ft.
Advection in from water table = -0.25053E-01g/sq.ft.
Diffusion in from atmosphere = -49.688 g/sq.ft.
Diffusion in from water table = -6.4719 g/sq.ft.
Total inflow at boundaries = 164.49 g/sq.ft.
Mass discrepancy = 0.16785E-03g/sq.ft.
WARNING!!! At time = 21.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 21.00, total mass in vadose zone = 170.24 g/sq.ft.
Mass in gas phase = 5.8996 g/sq.ft.
Mass in liquid phase = 20.887 g/sq.ft.
Mass sorbed = 143.45 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 5.7488 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.42318E-02g/sq.ft.
Diffusion in from atmosphere = -4.5984 g/sq.ft.
Diffusion in from water table = -0.68246 g/sq.ft.
Total inflow at boundaries = 5.7488 g/sq.ft.
Mass discrepancy = 0.12875E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 170.24 g/sq.ft.
Advection in from atmosphere = 231.71 g/sq.ft.
Advection in from water table = -0.29285E-01g/sq.ft.
Diffusion in from atmosphere = -54.286 g/sq.ft.
Diffusion in from water table = -7.1544 g/sq.ft.
Total inflow at boundaries = 170.24 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 22.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 22.00, total mass in vadose zone = 175.81 g/sq.ft.
Mass in gas phase = 6.0926 g/sq.ft.
Mass in liquid phase = 21.570 g/sq.ft.
Mass sorbed = 148.15 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 5.5673 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.46866E-02g/sq.ft.
Diffusion in from atmosphere = -4.7462 g/sq.ft.
Diffusion in from water table = -0.71567 g/sq.ft.
Total inflow at boundaries = 5.5673 g/sq.ft.
Mass discrepancy = 0.90599E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 175.81 g/sq.ft.
Advection in from atmosphere = 242.74 g/sq.ft.
Advection in from water table = -0.33972E-01g/sq.ft.

Diffusion in from atmosphere = -59.033 g/sq.ft.
Diffusion in from water table = -7.8701 g/sq.ft.
Total inflow at boundaries = 175.81 g/sq.ft.
Mass discrepancy = 0.19836E-03g/sq.ft.
WARNING!!! At time = 23.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 23.00, total mass in vadose zone = 181.20 g/sq.ft.
Mass in gas phase = 6.2794 g/sq.ft.
Mass in liquid phase = 22.232 g/sq.ft.
Mass sorbed = 152.69 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 5.3918 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.51649E-02g/sq.ft.
Diffusion in from atmosphere = -4.8883 g/sq.ft.
Diffusion in from water table = -0.74862 g/sq.ft.
Total inflow at boundaries = 5.3917 g/sq.ft.
Mass discrepancy = 0.39101E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 181.20 g/sq.ft.
Advection in from atmosphere = 253.78 g/sq.ft.
Advection in from water table = -0.39137E-01g/sq.ft.
Diffusion in from atmosphere = -63.921 g/sq.ft.
Diffusion in from water table = -8.6187 g/sq.ft.
Total inflow at boundaries = 181.20 g/sq.ft.
Mass discrepancy = 0.22888E-03g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 186.42 g/sq.ft.
Mass in gas phase = 6.4604 g/sq.ft.
Mass in liquid phase = 22.873 g/sq.ft.
Mass sorbed = 157.09 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 5.2219 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.56668E-02g/sq.ft.
Diffusion in from atmosphere = -5.0250 g/sq.ft.
Diffusion in from water table = -0.78130 g/sq.ft.
Total inflow at boundaries = 5.2219 g/sq.ft.

Mass discrepancy = -0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 186.42 g/sq.ft.
Advection in from atmosphere = 264.81 g/sq.ft.
Advection in from water table = -0.44803E-01g/sq.ft.
Diffusion in from atmosphere = -68.946 g/sq.ft.
Diffusion in from water table = -9.4000 g/sq.ft.
Total inflow at boundaries = 186.42 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 191.48 g/sq.ft.
Mass in gas phase = 6.6356 g/sq.ft.
Mass in liquid phase = 23.493 g/sq.ft.
Mass sorbed = 161.35 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 5.0577 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.61923E-02g/sq.ft.
Diffusion in from atmosphere = -5.1563 g/sq.ft.
Diffusion in from water table = -0.81369 g/sq.ft.
Total inflow at boundaries = 5.0576 g/sq.ft.
Mass discrepancy = 0.37670E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 191.48 g/sq.ft.
Advection in from atmosphere = 275.85 g/sq.ft.
Advection in from water table = -0.50996E-01g/sq.ft.
Diffusion in from atmosphere = -74.102 g/sq.ft.
Diffusion in from water table = -10.214 g/sq.ft.
Total inflow at boundaries = 191.48 g/sq.ft.
Mass discrepancy = 0.22888E-03g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 196.38 g/sq.ft.
Mass in gas phase = 6.8054 g/sq.ft.
Mass in liquid phase = 24.094 g/sq.ft.
Mass sorbed = 165.48 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 4.8987 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.67414E-02g/sq.ft.
Diffusion in from atmosphere = -5.2826 g/sq.ft.
Diffusion in from water table = -0.84578 g/sq.ft.
Total inflow at boundaries = 4.8987 g/sq.ft.
Mass discrepancy = -0.12875E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 196.38 g/sq.ft.
Advection in from atmosphere = 286.88 g/sq.ft.
Advection in from water table = -0.57737E-01g/sq.ft.
Diffusion in from atmosphere = -79.385 g/sq.ft.
Diffusion in from water table = -11.059 g/sq.ft.
Total inflow at boundaries = 196.38 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 201.12 g/sq.ft.
Mass in gas phase = 6.9698 g/sq.ft.
Mass in liquid phase = 24.676 g/sq.ft.
Mass sorbed = 169.48 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 4.7449 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.73141E-02g/sq.ft.
Diffusion in from atmosphere = -5.4040 g/sq.ft.
Diffusion in from water table = -0.87757 g/sq.ft.
Total inflow at boundaries = 4.7449 g/sq.ft.
Mass discrepancy = 0.10014E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 201.12 g/sq.ft.
Advection in from atmosphere = 297.91 g/sq.ft.
Advection in from water table = -0.65051E-01g/sq.ft.
Diffusion in from atmosphere = -84.789 g/sq.ft.
Diffusion in from water table = -11.937 g/sq.ft.
Total inflow at boundaries = 201.12 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 205.72 g/sq.ft.
Mass in gas phase = 7.1291 g/sq.ft.
Mass in liquid phase = 25.240 g/sq.ft.
Mass sorbed = 173.35 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 4.5962 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.79102E-02g/sq.ft.
Diffusion in from atmosphere = -5.5208 g/sq.ft.
Diffusion in from water table = -0.90903 g/sq.ft.
Total inflow at boundaries = 4.5961 g/sq.ft.
Mass discrepancy = 0.27657E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 205.72 g/sq.ft.
Advection in from atmosphere = 308.95 g/sq.ft.
Advection in from water table = -0.72961E-01g/sq.ft.
Diffusion in from atmosphere = -90.310 g/sq.ft.
Diffusion in from water table = -12.846 g/sq.ft.
Total inflow at boundaries = 205.72 g/sq.ft.
Mass discrepancy = 0.25940E-03g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 210.17 g/sq.ft.
Mass in gas phase = 7.2834 g/sq.ft.
Mass in liquid phase = 25.787 g/sq.ft.
Mass sorbed = 177.10 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 4.4522 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.85298E-02g/sq.ft.
Diffusion in from atmosphere = -5.6330 g/sq.ft.
Diffusion in from water table = -0.94016 g/sq.ft.
Total inflow at boundaries = 4.4522 g/sq.ft.
Mass discrepancy = 0.27180E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 210.17 g/sq.ft.
Advection in from atmosphere = 319.98 g/sq.ft.
Advection in from water table = -0.81491E-01g/sq.ft.

Diffusion in from atmosphere = -95.943 g/sq.ft.
Diffusion in from water table = -13.786 g/sq.ft.
Total inflow at boundaries = 210.17 g/sq.ft.
Mass discrepancy = 0.28992E-03g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 214.48 g/sq.ft.
Mass in gas phase = 7.4329 g/sq.ft.
Mass in liquid phase = 26.316 g/sq.ft.
Mass sorbed = 180.74 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 4.3128 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.91728E-02g/sq.ft.
Diffusion in from atmosphere = -5.7409 g/sq.ft.
Diffusion in from water table = -0.97095 g/sq.ft.
Total inflow at boundaries = 4.3128 g/sq.ft.
Mass discrepancy = -0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 214.48 g/sq.ft.
Advection in from atmosphere = 331.02 g/sq.ft.
Advection in from water table = -0.90664E-01g/sq.ft.
Diffusion in from atmosphere = -101.68 g/sq.ft.
Diffusion in from water table = -14.757 g/sq.ft.
Total inflow at boundaries = 214.48 g/sq.ft.
Mass discrepancy = 0.27466E-03g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 218.66 g/sq.ft.
Mass in gas phase = 7.5776 g/sq.ft.
Mass in liquid phase = 26.828 g/sq.ft.
Mass sorbed = 184.26 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 4.1780 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.98392E-02g/sq.ft.
Diffusion in from atmosphere = -5.8446 g/sq.ft.
Diffusion in from water table = -1.0014 g/sq.ft.
Total inflow at boundaries = 4.1780 g/sq.ft.

Mass discrepancy = 0.22411E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 218.66 g/sq.ft.
Advection in from atmosphere = 342.05 g/sq.ft.
Advection in from water table = -0.10050 g/sq.ft.
Diffusion in from atmosphere = -107.53 g/sq.ft.
Diffusion in from water table = -15.759 g/sq.ft.
Total inflow at boundaries = 218.66 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 222.71 g/sq.ft.
Mass in gas phase = 7.7179 g/sq.ft.
Mass in liquid phase = 27.325 g/sq.ft.
Mass sorbed = 187.67 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 4.0474 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.10529E-01g/sq.ft.
Diffusion in from atmosphere = -5.9444 g/sq.ft.
Diffusion in from water table = -1.0315 g/sq.ft.
Total inflow at boundaries = 4.0474 g/sq.ft.
Mass discrepancy = -0.42915E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 222.71 g/sq.ft.
Advection in from atmosphere = 353.08 g/sq.ft.
Advection in from water table = -0.11103 g/sq.ft.
Diffusion in from atmosphere = -113.47 g/sq.ft.
Diffusion in from water table = -16.790 g/sq.ft.
Total inflow at boundaries = 222.71 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 226.63 g/sq.ft.
Mass in gas phase = 7.8538 g/sq.ft.
Mass in liquid phase = 27.806 g/sq.ft.
Mass sorbed = 190.97 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 3.9211 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.11242E-01g/sq.ft.
Diffusion in from atmosphere = -6.0403 g/sq.ft.
Diffusion in from water table = -1.0612 g/sq.ft.
Total inflow at boundaries = 3.9211 g/sq.ft.
Mass discrepancy = 0.43154E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 226.63 g/sq.ft.
Advection in from atmosphere = 364.12 g/sq.ft.
Advection in from water table = -0.12227 g/sq.ft.
Diffusion in from atmosphere = -119.51 g/sq.ft.
Diffusion in from water table = -17.851 g/sq.ft.
Total inflow at boundaries = 226.63 g/sq.ft.
Mass discrepancy = 0.35095E-03g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 230.43 g/sq.ft.
Mass in gas phase = 7.9854 g/sq.ft.
Mass in liquid phase = 28.272 g/sq.ft.
Mass sorbed = 194.17 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 3.7988 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.11977E-01g/sq.ft.
Diffusion in from atmosphere = -6.1325 g/sq.ft.
Diffusion in from water table = -1.0906 g/sq.ft.
Total inflow at boundaries = 3.7988 g/sq.ft.
Mass discrepancy = 0.20504E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 230.43 g/sq.ft.
Advection in from atmosphere = 375.15 g/sq.ft.
Advection in from water table = -0.13425 g/sq.ft.
Diffusion in from atmosphere = -125.65 g/sq.ft.
Diffusion in from water table = -18.942 g/sq.ft.
Total inflow at boundaries = 230.43 g/sq.ft.
Mass discrepancy = 0.38147E-03g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 234.11 g/sq.ft.
Mass in gas phase = 8.1130 g/sq.ft.
Mass in liquid phase = 28.724 g/sq.ft.
Mass sorbed = 197.27 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 3.6804 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.12736E-01g/sq.ft.
Diffusion in from atmosphere = -6.2212 g/sq.ft.
Diffusion in from water table = -1.1195 g/sq.ft.
Total inflow at boundaries = 3.6804 g/sq.ft.
Mass discrepancy = 0.23842E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 234.11 g/sq.ft.
Advection in from atmosphere = 386.18 g/sq.ft.
Advection in from water table = -0.14699 g/sq.ft.
Diffusion in from atmosphere = -131.87 g/sq.ft.
Diffusion in from water table = -20.061 g/sq.ft.
Total inflow at boundaries = 234.11 g/sq.ft.
Mass discrepancy = 0.38147E-03g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 237.68 g/sq.ft.
Mass in gas phase = 8.2366 g/sq.ft.
Mass in liquid phase = 29.161 g/sq.ft.
Mass sorbed = 200.28 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 3.5658 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.13518E-01g/sq.ft.
Diffusion in from atmosphere = -6.3065 g/sq.ft.
Diffusion in from water table = -1.1481 g/sq.ft.
Total inflow at boundaries = 3.5658 g/sq.ft.
Mass discrepancy = 0.29564E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 237.68 g/sq.ft.
Advection in from atmosphere = 397.22 g/sq.ft.
Advection in from water table = -0.16050 g/sq.ft.

Diffusion in from atmosphere = -138.17 g/sq.ft.
Diffusion in from water table = -21.209 g/sq.ft.
Total inflow at boundaries = 237.68 g/sq.ft.
Mass discrepancy = 0.41199E-03g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 241.13 g/sq.ft.
Mass in gas phase = 8.3563 g/sq.ft.
Mass in liquid phase = 29.585 g/sq.ft.
Mass sorbed = 203.19 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 3.4548 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.14322E-01g/sq.ft.
Diffusion in from atmosphere = -6.3884 g/sq.ft.
Diffusion in from water table = -1.1763 g/sq.ft.
Total inflow at boundaries = 3.4548 g/sq.ft.
Mass discrepancy = 0.15736E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 241.13 g/sq.ft.
Advection in from atmosphere = 408.25 g/sq.ft.
Advection in from water table = -0.17483 g/sq.ft.
Diffusion in from atmosphere = -144.56 g/sq.ft.
Diffusion in from water table = -22.386 g/sq.ft.
Total inflow at boundaries = 241.13 g/sq.ft.
Mass discrepancy = 0.44250E-03g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 244.48 g/sq.ft.
Mass in gas phase = 8.4723 g/sq.ft.
Mass in liquid phase = 29.996 g/sq.ft.
Mass sorbed = 206.01 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 3.3473 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.15148E-01g/sq.ft.
Diffusion in from atmosphere = -6.4673 g/sq.ft.
Diffusion in from water table = -1.2041 g/sq.ft.
Total inflow at boundaries = 3.3473 g/sq.ft.

Mass discrepancy = 0.39816E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 244.48 g/sq.ft.
Advection in from atmosphere = 419.29 g/sq.ft.
Advection in from water table = -0.18997 g/sq.ft.
Diffusion in from atmosphere = -151.03 g/sq.ft.
Diffusion in from water table = -23.590 g/sq.ft.
Total inflow at boundaries = 244.48 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 247.72 g/sq.ft.
Mass in gas phase = 8.5847 g/sq.ft.
Mass in liquid phase = 30.394 g/sq.ft.
Mass sorbed = 208.74 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 3.2432 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.15997E-01g/sq.ft.
Diffusion in from atmosphere = -6.5431 g/sq.ft.
Diffusion in from water table = -1.2316 g/sq.ft.
Total inflow at boundaries = 3.2432 g/sq.ft.
Mass discrepancy = 0.30994E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 247.72 g/sq.ft.
Advection in from atmosphere = 430.32 g/sq.ft.
Advection in from water table = -0.20597 g/sq.ft.
Diffusion in from atmosphere = -157.57 g/sq.ft.
Diffusion in from water table = -24.822 g/sq.ft.
Total inflow at boundaries = 247.72 g/sq.ft.
Mass discrepancy = 0.50354E-03g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 250.86 g/sq.ft.
Mass in gas phase = 8.6936 g/sq.ft.
Mass in liquid phase = 30.779 g/sq.ft.
Mass sorbed = 211.39 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 3.1425 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.16867E-01g/sq.ft.
Diffusion in from atmosphere = -6.6160 g/sq.ft.
Diffusion in from water table = -1.2586 g/sq.ft.
Total inflow at boundaries = 3.1424 g/sq.ft.
Mass discrepancy = 0.37432E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 250.86 g/sq.ft.
Advection in from atmosphere = 441.35 g/sq.ft.
Advection in from water table = -0.22284 g/sq.ft.
Diffusion in from atmosphere = -164.19 g/sq.ft.
Diffusion in from water table = -26.080 g/sq.ft.
Total inflow at boundaries = 250.86 g/sq.ft.
Mass discrepancy = 0.53406E-03g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 253.91 g/sq.ft.
Mass in gas phase = 8.7991 g/sq.ft.
Mass in liquid phase = 31.153 g/sq.ft.
Mass sorbed = 213.96 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 3.0448 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.17760E-01g/sq.ft.
Diffusion in from atmosphere = -6.6860 g/sq.ft.
Diffusion in from water table = -1.2852 g/sq.ft.
Total inflow at boundaries = 3.0448 g/sq.ft.
Mass discrepancy = -0.73910E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 253.91 g/sq.ft.
Advection in from atmosphere = 452.39 g/sq.ft.
Advection in from water table = -0.24060 g/sq.ft.
Diffusion in from atmosphere = -170.87 g/sq.ft.
Diffusion in from water table = -27.365 g/sq.ft.
Total inflow at boundaries = 253.91 g/sq.ft.
Mass discrepancy = 0.51880E-03g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 256.86 g/sq.ft.
Mass in gas phase = 8.9013 g/sq.ft.
Mass in liquid phase = 31.515 g/sq.ft.
Mass sorbed = 216.44 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 2.9503 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.18673E-01g/sq.ft.
Diffusion in from atmosphere = -6.7534 g/sq.ft.
Diffusion in from water table = -1.3115 g/sq.ft.
Total inflow at boundaries = 2.9503 g/sq.ft.
Mass discrepancy = 0.66757E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 256.86 g/sq.ft.
Advection in from atmosphere = 463.42 g/sq.ft.
Advection in from water table = -0.25927 g/sq.ft.
Diffusion in from atmosphere = -177.63 g/sq.ft.
Diffusion in from water table = -28.677 g/sq.ft.
Total inflow at boundaries = 256.86 g/sq.ft.
Mass discrepancy = 0.57983E-03g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 259.72 g/sq.ft.
Mass in gas phase = 9.0004 g/sq.ft.
Mass in liquid phase = 31.865 g/sq.ft.
Mass sorbed = 218.85 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 2.8587 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.19608E-01g/sq.ft.
Diffusion in from atmosphere = -6.8182 g/sq.ft.
Diffusion in from water table = -1.3373 g/sq.ft.
Total inflow at boundaries = 2.8587 g/sq.ft.
Mass discrepancy = 0.10014E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 259.72 g/sq.ft.
Advection in from atmosphere = 474.46 g/sq.ft.
Advection in from water table = -0.27888 g/sq.ft.

Diffusion in from atmosphere = -184.45 g/sq.ft.
Diffusion in from water table = -30.014 g/sq.ft.
Total inflow at boundaries = 259.72 g/sq.ft.
Mass discrepancy = 0.61035E-03g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 262.49 g/sq.ft.
Mass in gas phase = 9.0964 g/sq.ft.
Mass in liquid phase = 32.205 g/sq.ft.
Mass sorbed = 221.19 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 2.7700 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.20564E-01g/sq.ft.
Diffusion in from atmosphere = -6.8806 g/sq.ft.
Diffusion in from water table = -1.3627 g/sq.ft.
Total inflow at boundaries = 2.7700 g/sq.ft.
Mass discrepancy = -0.33140E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 262.49 g/sq.ft.
Advection in from atmosphere = 485.49 g/sq.ft.
Advection in from water table = -0.29944 g/sq.ft.
Diffusion in from atmosphere = -191.33 g/sq.ft.
Diffusion in from water table = -31.377 g/sq.ft.
Total inflow at boundaries = 262.49 g/sq.ft.
Mass discrepancy = 0.54932E-03g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 265.17 g/sq.ft.
Mass in gas phase = 9.1894 g/sq.ft.
Mass in liquid phase = 32.535 g/sq.ft.
Mass sorbed = 223.45 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 2.6841 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.21540E-01g/sq.ft.
Diffusion in from atmosphere = -6.9405 g/sq.ft.
Diffusion in from water table = -1.3878 g/sq.ft.
Total inflow at boundaries = 2.6841 g/sq.ft.

Mass discrepancy = 0.78201E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 265.17 g/sq.ft.
Advection in from atmosphere = 496.52 g/sq.ft.
Advection in from water table = -0.32098 g/sq.ft.
Diffusion in from atmosphere = -198.27 g/sq.ft.
Diffusion in from water table = -32.765 g/sq.ft.
Total inflow at boundaries = 265.17 g/sq.ft.
Mass discrepancy = 0.64087E-03g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 267.77 g/sq.ft.
Mass in gas phase = 9.2795 g/sq.ft.
Mass in liquid phase = 32.854 g/sq.ft.
Mass sorbed = 225.64 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 2.6008 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.22536E-01g/sq.ft.
Diffusion in from atmosphere = -6.9981 g/sq.ft.
Diffusion in from water table = -1.4124 g/sq.ft.
Total inflow at boundaries = 2.6008 g/sq.ft.
Mass discrepancy = 0.78678E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 267.77 g/sq.ft.
Advection in from atmosphere = 507.56 g/sq.ft.
Advection in from water table = -0.34352 g/sq.ft.
Diffusion in from atmosphere = -205.26 g/sq.ft.
Diffusion in from water table = -34.177 g/sq.ft.
Total inflow at boundaries = 267.77 g/sq.ft.
Mass discrepancy = 0.67139E-03g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 270.29 g/sq.ft.
Mass in gas phase = 9.3669 g/sq.ft.
Mass in liquid phase = 33.163 g/sq.ft.
Mass sorbed = 227.76 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 2.5202 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.23552E-01g/sq.ft.
Diffusion in from atmosphere = -7.0535 g/sq.ft.
Diffusion in from water table = -1.4366 g/sq.ft.
Total inflow at boundaries = 2.5202 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 270.29 g/sq.ft.
Advection in from atmosphere = 518.59 g/sq.ft.
Advection in from water table = -0.36707 g/sq.ft.
Diffusion in from atmosphere = -212.32 g/sq.ft.
Diffusion in from water table = -35.614 g/sq.ft.
Total inflow at boundaries = 270.29 g/sq.ft.
Mass discrepancy = 0.64087E-03g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 272.73 g/sq.ft.
Mass in gas phase = 9.4515 g/sq.ft.
Mass in liquid phase = 33.463 g/sq.ft.
Mass sorbed = 229.82 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 2.4421 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.24588E-01g/sq.ft.
Diffusion in from atmosphere = -7.1068 g/sq.ft.
Diffusion in from water table = -1.4604 g/sq.ft.
Total inflow at boundaries = 2.4420 g/sq.ft.
Mass discrepancy = 0.41962E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 272.73 g/sq.ft.
Advection in from atmosphere = 529.62 g/sq.ft.
Advection in from water table = -0.39166 g/sq.ft.
Diffusion in from atmosphere = -219.43 g/sq.ft.
Diffusion in from water table = -37.074 g/sq.ft.
Total inflow at boundaries = 272.73 g/sq.ft.
Mass discrepancy = 0.67139E-03g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 275.10 g/sq.ft.
Mass in gas phase = 9.5335 g/sq.ft.
Mass in liquid phase = 33.753 g/sq.ft.
Mass sorbed = 231.81 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 2.3663 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.25642E-01g/sq.ft.
Diffusion in from atmosphere = -7.1580 g/sq.ft.
Diffusion in from water table = -1.4838 g/sq.ft.
Total inflow at boundaries = 2.3663 g/sq.ft.
Mass discrepancy = 0.64373E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 275.10 g/sq.ft.
Advection in from atmosphere = 540.66 g/sq.ft.
Advection in from water table = -0.41730 g/sq.ft.
Diffusion in from atmosphere = -226.58 g/sq.ft.
Diffusion in from water table = -38.558 g/sq.ft.
Total inflow at boundaries = 275.10 g/sq.ft.
Mass discrepancy = 0.67139E-03g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 277.39 g/sq.ft.
Mass in gas phase = 9.6130 g/sq.ft.
Mass in liquid phase = 34.034 g/sq.ft.
Mass sorbed = 233.75 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 2.2930 g/sq.ft.
Advection in from atmosphere = 11.034 g/sq.ft.
Advection in from water table = -0.26715E-01g/sq.ft.
Diffusion in from atmosphere = -7.2073 g/sq.ft.
Diffusion in from water table = -1.5068 g/sq.ft.
Total inflow at boundaries = 2.2930 g/sq.ft.
Mass discrepancy = 0.16689E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 277.39 g/sq.ft.
Advection in from atmosphere = 551.69 g/sq.ft.
Advection in from water table = -0.44402 g/sq.ft.

Diffusion in from atmosphere = -233.79 g/sq.ft.
Diffusion in from water table = -40.065 g/sq.ft.
Total inflow at boundaries = 277.39 g/sq.ft.
Mass discrepancy = 0.64087E-03g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.86705E-07	0.11185E-03
2.00	0.32931E-01	42.481
3.00	0.66258E-01	85.473
4.00	0.99930E-01	128.91
5.00	0.13390	172.73
6.00	0.16812	216.87
7.00	0.20254	261.28
8.00	0.23713	305.90
9.00	0.27184	350.68
10.00	0.30665	395.57
11.00	0.34150	440.54
12.00	0.37638	485.53
13.00	0.41125	530.51
14.00	0.44608	575.44
15.00	0.48084	620.29
16.00	0.51552	665.02
17.00	0.55007	709.59
18.00	0.58449	753.99
19.00	0.61874	798.18
20.00	0.65282	842.14
21.00	0.68670	885.84
22.00	0.72036	929.26
23.00	0.75378	972.38
24.00	0.78696	1015.2
25.00	0.81988	1057.6
26.00	0.85253	1099.8
27.00	0.88488	1141.5
28.00	0.91694	1182.9
29.00	0.94869	1223.8
30.00	0.98013	1264.4
31.00	1.0112	1304.5
32.00	1.0420	1344.2
33.00	1.0724	1383.5
34.00	1.1025	1422.3
35.00	1.1323	1460.6

36.00	1.1616	1498.5
37.00	1.1907	1535.9
38.00	1.2193	1572.9
39.00	1.2476	1609.4
40.00	1.2755	1645.4
41.00	1.3030	1680.9
42.00	1.3301	1715.9
43.00	1.3569	1750.4
44.00	1.3833	1784.5
45.00	1.4093	1818.0
46.00	1.4349	1851.0
47.00	1.4602	1883.6
48.00	1.4850	1915.7
49.00	1.5095	1947.2
50.00	1.5336	1978.3

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.11185E-03	0.11185E-03
2.00	42.481	42.481
3.00	85.473	127.95
4.00	128.91	256.86
5.00	172.73	429.59
6.00	216.87	646.46
7.00	261.28	907.74
8.00	305.90	1213.6
9.00	350.68	1564.3
10.00	395.57	1959.9
11.00	440.54	2400.4
12.00	485.53	2886.0
13.00	530.51	3416.5
14.00	575.44	3991.9
15.00	620.29	4612.2
16.00	665.02	5277.2
17.00	709.59	5986.8
18.00	753.99	6740.8
19.00	798.18	7539.0
20.00	842.14	8381.1
21.00	885.84	9267.0
22.00	929.26	10196.
23.00	972.38	11169.

24.00	1015.2	12184.
25.00	1057.6	13241.
26.00	1099.8	14341.
27.00	1141.5	15483.
28.00	1182.9	16666.
29.00	1223.8	17889.
30.00	1264.4	19154.
31.00	1304.5	20458.
32.00	1344.2	21802.
33.00	1383.5	23186.
34.00	1422.3	24608.
35.00	1460.6	26069.
36.00	1498.5	27567.
37.00	1535.9	29103.
38.00	1572.9	30676.
39.00	1609.4	32285.
40.00	1645.4	33931.
41.00	1680.9	35612.
42.00	1715.9	37328.
43.00	1750.4	39078.
44.00	1784.5	40862.
45.00	1818.0	42680.
46.00	1851.0	44531.
47.00	1883.6	46415.
48.00	1915.7	48331.
49.00	1947.2	50278.
50.00	1978.3	52256.

VLEACH (Version 2.2a, 1996)

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Based on the original VLEACH (version 1.0)
developed by CH2M Hill, Redding, California
for USEPA Region IX

Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.66918	2.4877	0.74488E-04
2	0.10353	0.38488	0.11524E-04
3	0.16018E-01	0.59546E-01	0.17830E-05
4	0.24782E-02	0.92127E-02	0.27586E-06
5	0.38342E-03	0.14253E-02	0.42679E-07
6	0.59320E-04	0.22052E-03	0.66031E-08
7	0.91777E-05	0.34118E-04	0.10216E-08
8	0.14199E-05	0.52785E-05	0.15806E-09
9	0.21968E-06	0.81667E-06	0.24454E-10
10	0.33988E-07	0.12635E-06	0.37833E-11

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2900	4.7957	0.14360E-03
2	0.22130	0.82269	0.24634E-04
3	0.37767E-01	0.14040	0.42040E-05
4	0.65317E-02	0.24281E-01	0.72706E-06
5	0.12355E-02	0.45929E-02	0.13753E-06
6	0.32144E-03	0.11949E-02	0.35780E-07
7	0.14358E-03	0.53375E-03	0.15982E-07
8	0.89492E-04	0.33268E-03	0.99616E-08
9	0.56703E-04	0.21079E-03	0.63117E-08
10	0.27923E-04	0.10380E-03	0.31082E-08

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.8661	6.9371	0.20772E-03
2	0.35072	1.3038	0.39040E-04
3	0.65049E-01	0.24182	0.72408E-05
4	0.12265E-01	0.45595E-01	0.13653E-05
5	0.26080E-02	0.96951E-02	0.29030E-06
6	0.80112E-03	0.29781E-02	0.89174E-07
7	0.40615E-03	0.15098E-02	0.45209E-07
8	0.26454E-03	0.98342E-03	0.29447E-07
9	0.16965E-03	0.63068E-03	0.18884E-07
10	0.84333E-04	0.31351E-03	0.93873E-08

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.4005	8.9240	0.26721E-03
2	0.48951	1.8197	0.54489E-04
3	0.97614E-01	0.36288	0.10866E-04
4	0.19759E-01	0.73452E-01	0.21994E-05
5	0.45494E-02	0.16912E-01	0.50641E-06
6	0.15136E-02	0.56267E-02	0.16848E-06
7	0.80019E-03	0.29747E-02	0.89071E-07
8	0.52694E-03	0.19589E-02	0.58655E-07
9	0.33921E-03	0.12610E-02	0.37758E-07
10	0.16985E-03	0.63142E-03	0.18907E-07

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8964	10.767	0.32241E-03
2	0.63565	2.3630	0.70756E-04
3	0.13517	0.50250	0.15046E-04
4	0.29070E-01	0.10807	0.32358E-05
5	0.71044E-02	0.26410E-01	0.79081E-06
6	0.24743E-02	0.91983E-02	0.27543E-06
7	0.13293E-02	0.49417E-02	0.14797E-06
8	0.87714E-03	0.32607E-02	0.97637E-07
9	0.56547E-03	0.21021E-02	0.62944E-07
10	0.28499E-03	0.10595E-02	0.31723E-07

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.3566	12.478	0.37363E-03
2	0.78735	2.9270	0.87642E-04
3	0.17740	0.65950	0.19747E-04
4	0.40233E-01	0.14957	0.44785E-05
5	0.10313E-01	0.38340E-01	0.11480E-05
6	0.36988E-02	0.13750E-01	0.41172E-06
7	0.19974E-02	0.74253E-02	0.22234E-06
8	0.13156E-02	0.48909E-02	0.14645E-06
9	0.84849E-03	0.31542E-02	0.94448E-07
10	0.43021E-03	0.15993E-02	0.47887E-07

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7835	14.065	0.42115E-03
2	0.94308	3.5059	0.10498E-03
3	0.22397	0.83261	0.24931E-04
4	0.53266E-01	0.19801	0.59292E-05
5	0.14212E-01	0.52833E-01	0.15820E-05
6	0.52022E-02	0.19339E-01	0.57907E-06
7	0.28086E-02	0.10441E-01	0.31263E-06
8	0.18430E-02	0.68515E-02	0.20515E-06
9	0.11883E-02	0.44175E-02	0.13227E-06
10	0.60588E-03	0.22523E-02	0.67442E-07

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.1796	15.538	0.46525E-03
2	1.1015	4.0946	0.12261E-03
3	0.27452	1.0205	0.30558E-04
4	0.68165E-01	0.25340	0.75876E-05
5	0.18831E-01	0.70004E-01	0.20962E-05
6	0.69992E-02	0.26019E-01	0.77910E-06
7	0.37672E-02	0.14004E-01	0.41934E-06
8	0.24600E-02	0.91451E-02	0.27383E-06
9	0.15849E-02	0.58918E-02	0.17642E-06
10	0.81235E-03	0.30199E-02	0.90425E-07

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.5472	16.904	0.50616E-03
2	1.2613	4.6889	0.14040E-03
3	0.32870	1.2219	0.36589E-04
4	0.84911E-01	0.31566	0.94517E-05
5	0.24197E-01	0.89950E-01	0.26934E-05
6	0.91039E-02	0.33843E-01	0.10134E-05
7	0.48776E-02	0.18132E-01	0.54293E-06
8	0.31673E-02	0.11774E-01	0.35256E-06
9	0.20383E-02	0.75774E-02	0.22689E-06
10	0.10499E-02	0.39030E-02	0.11687E-06

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.8883	18.172	0.54413E-03
2	1.4216	5.2847	0.15824E-03
3	0.38614	1.4355	0.42983E-04
4	0.10347	0.38466	0.11518E-04
5	0.30329E-01	0.11275	0.33760E-05
6	0.11530E-01	0.42861E-01	0.12834E-05
7	0.61442E-02	0.22841E-01	0.68393E-06
8	0.39657E-02	0.14742E-01	0.44143E-06
9	0.25485E-02	0.94741E-02	0.28368E-06
10	0.13188E-02	0.49025E-02	0.14680E-06

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.2048	19.349	0.57936E-03
2	1.5814	5.8789	0.17603E-03
3	0.44649	1.6598	0.49700E-04
4	0.12380	0.46023	0.13781E-04
5	0.37244E-01	0.13845	0.41457E-05
6	0.14288E-01	0.53117E-01	0.15905E-05
7	0.75715E-02	0.28147E-01	0.84281E-06
8	0.48561E-02	0.18053E-01	0.54055E-06
9	0.31155E-02	0.11582E-01	0.34680E-06
10	0.16192E-02	0.60193E-02	0.18024E-06

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.4985	20.441	0.61206E-03
2	1.7401	6.4687	0.19369E-03
3	0.50940	1.8937	0.56703E-04
4	0.14584	0.54217	0.16234E-04
5	0.44952E-01	0.16711	0.50037E-05
6	0.17392E-01	0.64653E-01	0.19359E-05
7	0.91639E-02	0.34067E-01	0.10201E-05
8	0.58395E-02	0.21708E-01	0.65001E-06
9	0.37393E-02	0.13901E-01	0.41623E-06
10	0.19513E-02	0.72539E-02	0.21720E-06

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.7711	21.454	0.64240E-03
2	1.8969	7.0515	0.21114E-03
3	0.57453	2.1358	0.63952E-04
4	0.16953	0.63022	0.18871E-04
5	0.53459E-01	0.19873	0.59506E-05
6	0.20849E-01	0.77507E-01	0.23208E-05
7	0.10926E-01	0.40616E-01	0.12162E-05
8	0.69167E-02	0.25713E-01	0.76992E-06
9	0.44199E-02	0.16431E-01	0.49199E-06
10	0.23153E-02	0.86069E-02	0.25772E-06

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.0241	22.394	0.67055E-03
2	2.0512	7.6254	0.22833E-03
3	0.64154	2.3849	0.71412E-04
4	0.19478	0.72411	0.21682E-04
5	0.62765E-01	0.23333	0.69865E-05
6	0.24670E-01	0.91709E-01	0.27461E-05
7	0.12861E-01	0.47811E-01	0.14316E-05
8	0.80889E-02	0.30070E-01	0.90039E-06
9	0.51573E-02	0.19172E-01	0.57407E-06
10	0.27112E-02	0.10079E-01	0.30179E-06

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.2588	23.267	0.69668E-03
2	2.2027	8.1886	0.24519E-03
3	0.71013	2.6399	0.79047E-04
4	0.22153	0.82352	0.24659E-04
5	0.72867E-01	0.27088	0.81111E-05
6	0.28860E-01	0.10729	0.32125E-05
7	0.14974E-01	0.55665E-01	0.16668E-05
8	0.93569E-02	0.34784E-01	0.10415E-05
9	0.59515E-02	0.22125E-01	0.66248E-06
10	0.31391E-02	0.11670E-01	0.34943E-06

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.4766	24.077	0.72093E-03
2	2.3510	8.7398	0.26170E-03
3	0.77999	2.8996	0.86823E-04
4	0.24967	0.92813	0.27791E-04
5	0.83758E-01	0.31137	0.93234E-05
6	0.33427E-01	0.12426	0.37209E-05
7	0.17268E-01	0.64193E-01	0.19221E-05
8	0.10722E-01	0.39859E-01	0.11935E-05
9	0.68026E-02	0.25288E-01	0.75721E-06
10	0.35992E-02	0.13380E-01	0.40064E-06

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.6788	24.828	0.74344E-03
2	2.4957	9.2777	0.27780E-03
3	0.85085	3.1630	0.94710E-04
4	0.27911	1.0376	0.31069E-04
5	0.95425E-01	0.35474	0.10622E-04
6	0.38374E-01	0.14265	0.42715E-05
7	0.19746E-01	0.73406E-01	0.21980E-05
8	0.12185E-01	0.45297E-01	0.13563E-05
9	0.77106E-02	0.28664E-01	0.85828E-06
10	0.40915E-02	0.15210E-01	0.45544E-06

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.8665	25.526	0.76433E-03
2	2.6366	9.8015	0.29349E-03
3	0.92242	3.4291	0.10268E-03
4	0.30977	1.1516	0.34482E-04
5	0.10785	0.40094	0.12005E-04
6	0.43704E-01	0.16247	0.48648E-05
7	0.22412E-01	0.83316E-01	0.24947E-05
8	0.13747E-01	0.51103E-01	0.15302E-05
9	0.86755E-02	0.32251E-01	0.96569E-06
10	0.46160E-02	0.17160E-01	0.51382E-06

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.0406	26.173	0.78371E-03
2	2.7735	10.310	0.30873E-03
3	0.99447	3.6969	0.11070E-03
4	0.34155	1.2697	0.38019E-04
5	0.12102	0.44990	0.13471E-04
6	0.49418E-01	0.18371	0.55009E-05
7	0.25268E-01	0.93932E-01	0.28126E-05
8	0.15409E-01	0.57281E-01	0.17152E-05
9	0.96974E-02	0.36050E-01	0.10794E-05
10	0.51728E-02	0.19230E-01	0.57580E-06

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.2023	26.774	0.80171E-03
2	2.9062	10.804	0.32350E-03
3	1.0668	3.9657	0.11874E-03
4	0.37434	1.3916	0.41669E-04
5	0.13491	0.50153	0.15017E-04
6	0.55517E-01	0.20638	0.61798E-05
7	0.28316E-01	0.10526	0.31519E-05
8	0.17171E-01	0.63833E-01	0.19114E-05
9	0.10776E-01	0.40061E-01	0.11995E-05
10	0.57619E-02	0.21420E-01	0.64137E-06

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.3523	27.332	0.81841E-03
2	3.0347	11.281	0.33780E-03
3	1.1391	4.2345	0.12679E-03
4	0.40805	1.5169	0.45421E-04
5	0.14950	0.55575	0.16641E-04
6	0.61999E-01	0.23048	0.69012E-05
7	0.31558E-01	0.11731	0.35128E-05
8	0.19035E-01	0.70763E-01	0.21189E-05
9	0.11912E-01	0.44284E-01	0.13260E-05
10	0.63832E-02	0.23729E-01	0.71053E-06

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.4916	27.850	0.83391E-03
2	3.1589	11.743	0.35162E-03
3	1.2112	4.5026	0.13482E-03
4	0.44258	1.6453	0.49264E-04
5	0.16475	0.61244	0.18339E-04
6	0.68860E-01	0.25599	0.76650E-05
7	0.34995E-01	0.13009	0.38953E-05
8	0.21001E-01	0.78072E-01	0.23377E-05
9	0.13106E-01	0.48720E-01	0.14588E-05
10	0.70368E-02	0.26159E-01	0.78329E-06

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.6209	28.330	0.84830E-03
2	3.2787	12.188	0.36496E-03
3	1.2830	4.7694	0.14281E-03
4	0.47782	1.7763	0.53188E-04
5	0.18064	0.67151	0.20107E-04
6	0.76097E-01	0.28289	0.84705E-05
7	0.38628E-01	0.14360	0.42998E-05
8	0.23071E-01	0.85764E-01	0.25680E-05
9	0.14356E-01	0.53368E-01	0.15980E-05
10	0.77227E-02	0.28709E-01	0.85964E-06

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.7409	28.776	0.86166E-03
2	3.3941	12.617	0.37781E-03
3	1.3542	5.0342	0.15074E-03
4	0.51369	1.9096	0.57181E-04
5	0.19713	0.73283	0.21943E-04
6	0.83703E-01	0.31116	0.93172E-05
7	0.42457E-01	0.15783	0.47260E-05
8	0.25243E-01	0.93840E-01	0.28099E-05
9	0.15664E-01	0.58229E-01	0.17436E-05
10	0.84409E-02	0.31379E-01	0.93957E-06

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.8523	29.191	0.87406E-03
2	3.5052	13.030	0.39017E-03
3	1.4248	5.2965	0.15859E-03
4	0.55010	2.0450	0.61233E-04
5	0.21420	0.79628	0.23843E-04
6	0.91672E-01	0.34079	0.10204E-04
7	0.46483E-01	0.17280	0.51741E-05
8	0.27519E-01	0.10230	0.30632E-05
9	0.17028E-01	0.63303E-01	0.18955E-05
10	0.91912E-02	0.34168E-01	0.10231E-05

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.9557	29.575	0.88557E-03
2	3.6119	13.427	0.40205E-03
3	1.4945	5.5558	0.16636E-03
4	0.58694	2.1819	0.65334E-04
5	0.23181	0.86173	0.25803E-04
6	0.99996E-01	0.37173	0.11131E-04
7	0.50704E-01	0.18849	0.56440E-05
8	0.29899E-01	0.11115	0.33282E-05
9	0.18450E-01	0.68589E-01	0.20538E-05
10	0.99738E-02	0.37077E-01	0.11102E-05

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.0517	29.932	0.89625E-03
2	3.7144	13.808	0.41346E-03
3	1.5633	5.8116	0.17402E-03
4	0.62413	2.3202	0.69473E-04
5	0.24991	0.92905	0.27819E-04
6	0.10867	0.40396	0.12096E-04
7	0.55119E-01	0.20490	0.61355E-05
8	0.32383E-01	0.12038	0.36047E-05
9	0.19930E-01	0.74088E-01	0.22184E-05
10	0.10789E-01	0.40106E-01	0.12009E-05

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.1408	30.263	0.90618E-03
2	3.8127	14.173	0.42440E-03
3	1.6311	6.0634	0.18156E-03
4	0.66158	2.4594	0.73642E-04
5	0.26849	0.99810	0.29886E-04
6	0.11767	0.43743	0.13098E-04
7	0.59727E-01	0.22203	0.66484E-05
8	0.34971E-01	0.13001	0.38928E-05
9	0.21466E-01	0.79799E-01	0.23894E-05
10	0.11635E-01	0.43254E-01	0.12952E-05

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.2236	30.571	0.91539E-03
2	3.9068	14.523	0.43488E-03
3	1.6977	6.3110	0.18897E-03
4	0.69922	2.5993	0.77832E-04
5	0.28749	1.0687	0.32002E-04
6	0.12700	0.47211	0.14136E-04
7	0.64525E-01	0.23987	0.71824E-05
8	0.37663E-01	0.14001	0.41924E-05
9	0.23059E-01	0.85721E-01	0.25668E-05
10	0.12514E-01	0.46521E-01	0.13930E-05

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.3004	30.857	0.92394E-03
2	3.9969	14.858	0.44491E-03
3	1.7630	6.5540	0.19625E-03
4	0.73696	2.7396	0.82033E-04
5	0.30689	1.1408	0.34161E-04
6	0.13664	0.50795	0.15209E-04
7	0.69510E-01	0.25840	0.77374E-05
8	0.40458E-01	0.15040	0.45035E-05
9	0.24709E-01	0.91855E-01	0.27504E-05
10	0.13425E-01	0.49907E-01	0.14944E-05

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.3717	31.122	0.93188E-03
2	4.0831	15.179	0.45450E-03
3	1.8271	6.7921	0.20338E-03
4	0.77472	2.8800	0.86237E-04
5	0.32664	1.2143	0.36359E-04
6	0.14658	0.54489	0.16316E-04
7	0.74681E-01	0.27762	0.83129E-05
8	0.43356E-01	0.16117	0.48260E-05
9	0.26415E-01	0.98198E-01	0.29404E-05
10	0.14368E-01	0.53411E-01	0.15993E-05

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.4380	31.368	0.93926E-03
2	4.1655	15.485	0.46367E-03
3	1.8898	7.0252	0.21036E-03
4	0.81245	3.0203	0.90436E-04
5	0.34670	1.2889	0.38593E-04
6	0.15680	0.58290	0.17454E-04
7	0.80031E-01	0.29751	0.89085E-05
8	0.46355E-01	0.17232	0.51599E-05
9	0.28178E-01	0.10475	0.31366E-05
10	0.15342E-01	0.57033E-01	0.17078E-05

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.4995	31.597	0.94610E-03
2	4.2441	15.777	0.47242E-03
3	1.9510	7.2529	0.21718E-03
4	0.85006	3.1601	0.94623E-04
5	0.36705	1.3645	0.40857E-04
6	0.16729	0.62191	0.18622E-04
7	0.85559E-01	0.31806	0.95238E-05
8	0.49455E-01	0.18385	0.55050E-05
9	0.29997E-01	0.11151	0.33391E-05
10	0.16348E-01	0.60773E-01	0.18197E-05

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.5566	31.809	0.95246E-03
2	4.3192	16.056	0.48078E-03
3	2.0108	7.4753	0.22383E-03
4	0.88751	3.2993	0.98791E-04
5	0.38764	1.4410	0.43149E-04
6	0.17804	0.66188	0.19819E-04
7	0.91259E-01	0.33925	0.10158E-04
8	0.52655E-01	0.19575	0.58612E-05
9	0.31872E-01	0.11848	0.35477E-05
10	0.17385E-01	0.64630E-01	0.19352E-05

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.6097	32.006	0.95837E-03
2	4.3907	16.322	0.48874E-03
3	2.0692	7.6920	0.23032E-03
4	0.92471	3.4376	0.10293E-03
5	0.40843	1.5183	0.45464E-04
6	0.18904	0.70274	0.21042E-04
7	0.97126E-01	0.36106	0.10811E-04
8	0.55954E-01	0.20801	0.62284E-05
9	0.33801E-01	0.12566	0.37625E-05
10	0.18454E-01	0.68603E-01	0.20542E-05

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.6590	32.189	0.96385E-03
2	4.4589	16.576	0.49633E-03
3	2.1259	7.9031	0.23664E-03
4	0.96164	3.5749	0.10704E-03
5	0.42940	1.5963	0.47798E-04
6	0.20025	0.74444	0.22291E-04
7	0.10315	0.38348	0.11482E-04
8	0.59349E-01	0.22063	0.66063E-05
9	0.35786E-01	0.13303	0.39834E-05
10	0.19554E-01	0.72692E-01	0.21766E-05

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.7047	32.360	0.96895E-03
2	4.5238	16.817	0.50356E-03
3	2.1812	8.1084	0.24279E-03
4	0.99822	3.7109	0.11111E-03
5	0.45050	1.6747	0.50147E-04
6	0.21168	0.78691	0.23563E-04
7	0.10934	0.40647	0.12171E-04
8	0.62840E-01	0.23361	0.69949E-05
9	0.37825E-01	0.14061	0.42104E-05
10	0.20685E-01	0.76896E-01	0.23025E-05

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.7472	32.518	0.97368E-03
2	4.5856	17.047	0.51043E-03
3	2.2348	8.3079	0.24876E-03
4	1.0344	3.8454	0.11514E-03
5	0.47171	1.7536	0.52507E-04
6	0.22330	0.83011	0.24856E-04
7	0.11568	0.43002	0.12876E-04
8	0.66424E-01	0.24693	0.73938E-05
9	0.39917E-01	0.14839	0.44433E-05
10	0.21847E-01	0.81215E-01	0.24318E-05

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.7867	32.664	0.97808E-03
2	4.6444	17.265	0.51698E-03
3	2.2869	8.5016	0.25456E-03
4	1.0702	3.9784	0.11913E-03
5	0.49298	1.8326	0.54875E-04
6	0.23510	0.87396	0.26169E-04
7	0.12216	0.45411	0.13598E-04
8	0.70099E-01	0.26059	0.78029E-05
9	0.42062E-01	0.15636	0.46821E-05
10	0.23039E-01	0.85647E-01	0.25645E-05

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.8234	32.801	0.98216E-03
2	4.7003	17.473	0.52320E-03
3	2.3374	8.6894	0.26019E-03
4	1.1055	4.1096	0.12306E-03
5	0.51429	1.9119	0.57247E-04
6	0.24705	0.91841	0.27500E-04
7	0.12877	0.47872	0.14334E-04
8	0.73863E-01	0.27458	0.82219E-05
9	0.44260E-01	0.16453	0.49267E-05
10	0.24261E-01	0.90191E-01	0.27006E-05

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.8575	32.927	0.98595E-03
2	4.7534	17.671	0.52911E-03
3	2.3864	8.8714	0.26564E-03
4	1.1403	4.2390	0.12693E-03
5	0.53560	1.9911	0.59620E-04
6	0.25915	0.96340	0.28847E-04
7	0.13552	0.50380	0.15085E-04
8	0.77714E-01	0.28890	0.86506E-05
9	0.46508E-01	0.17289	0.51770E-05
10	0.25514E-01	0.94846E-01	0.28400E-05

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.8891	33.045	0.98947E-03
2	4.8038	17.858	0.53473E-03
3	2.4338	9.0476	0.27091E-03
4	1.1745	4.3663	0.13074E-03
5	0.55690	2.0703	0.61990E-04
6	0.27138	1.0089	0.30208E-04
7	0.14240	0.52935	0.15850E-04
8	0.81649E-01	0.30353	0.90886E-05
9	0.48808E-01	0.18144	0.54329E-05
10	0.26796E-01	0.99612E-01	0.29827E-05

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.9186	33.154	0.99275E-03
2	4.8517	18.036	0.54006E-03
3	2.4797	9.2181	0.27602E-03
4	1.2082	4.4916	0.13449E-03
5	0.57814	2.1492	0.64354E-04
6	0.28372	1.0547	0.31582E-04
7	0.14939	0.55534	0.16628E-04
8	0.85665E-01	0.31846	0.95356E-05
9	0.51156E-01	0.19017	0.56943E-05
10	0.28107E-01	0.10449	0.31287E-05

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.9459	33.256	0.99579E-03
2	4.8972	18.205	0.54512E-03
3	2.5240	9.3829	0.28095E-03
4	1.2413	4.6146	0.13818E-03
5	0.59930	2.2279	0.66710E-04
6	0.29616	1.1010	0.32966E-04
7	0.15648	0.58172	0.17419E-04
8	0.89760E-01	0.33368	0.99915E-05
9	0.53553E-01	0.19908	0.59612E-05
10	0.29447E-01	0.10947	0.32778E-05

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.9713	33.350	0.99862E-03
2	4.9403	18.365	0.54992E-03
3	2.5668	9.5420	0.28572E-03
4	1.2738	4.7354	0.14179E-03
5	0.62036	2.3062	0.69055E-04
6	0.30867	1.1475	0.34359E-04
7	0.16368	0.60849	0.18220E-04
8	0.93931E-01	0.34918	0.10456E-04
9	0.55998E-01	0.20817	0.62333E-05
10	0.30816E-01	0.11456	0.34302E-05

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.9949	33.438	0.10012E-02
2	4.9812	18.517	0.55447E-03
3	2.6081	9.6957	0.29032E-03
4	1.3057	4.8538	0.14534E-03
5	0.64130	2.3840	0.71385E-04
6	0.32125	1.1942	0.35760E-04
7	0.17098	0.63561	0.19032E-04
8	0.98174E-01	0.36496	0.10928E-04
9	0.58488E-01	0.21743	0.65105E-05
10	0.32212E-01	0.11975	0.35856E-05

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.0168	33.520	0.10037E-02
2	5.0200	18.662	0.55879E-03
3	2.6480	9.8439	0.29476E-03
4	1.3369	4.9698	0.14881E-03
5	0.66208	2.4613	0.73698E-04
6	0.33388	1.2412	0.37165E-04
7	0.17836	0.66305	0.19854E-04
8	0.10249	0.38099	0.11408E-04
9	0.61024E-01	0.22686	0.67928E-05
10	0.33637E-01	0.12504	0.37442E-05

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.0372	33.596	0.10060E-02
2	5.0567	18.798	0.56288E-03
3	2.6864	9.9867	0.29903E-03
4	1.3674	5.0833	0.15221E-03
5	0.68269	2.5379	0.75992E-04
6	0.34654	1.2883	0.38575E-04
7	0.18582	0.69079	0.20684E-04
8	0.10686	0.39727	0.11895E-04
9	0.63603E-01	0.23644	0.70799E-05
10	0.35088E-01	0.13044	0.39057E-05

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.0561	33.666	0.10081E-02
2	5.0915	18.928	0.56675E-03
3	2.7234	10.124	0.30315E-03
4	1.3972	5.1942	0.15553E-03
5	0.70310	2.6138	0.78264E-04
6	0.35922	1.3354	0.39986E-04
7	0.19335	0.71879	0.21523E-04
8	0.11131	0.41378	0.12390E-04
9	0.66225E-01	0.24619	0.73717E-05
10	0.36566E-01	0.13593	0.40703E-05

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.0738	33.731	0.10100E-02
2	5.1245	19.050	0.57042E-03
3	2.7591	10.257	0.30712E-03
4	1.4264	5.3026	0.15878E-03
5	0.72331	2.6889	0.80513E-04
6	0.37191	1.3826	0.41398E-04
7	0.20095	0.74703	0.22368E-04
8	0.11581	0.43050	0.12891E-04
9	0.68887E-01	0.25609	0.76680E-05
10	0.38070E-01	0.14152	0.42377E-05

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 139.00 ml/g, 0.49087E-02cu.ft./g
Kh = 0.26900 (dimensionless).
Aqueous solubility = 526.00 mg/l, 14.895 g/cu.ft
Free air diffusion coefficient = .73400 sq. m/day, 2883.9 sq.ft./y

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2000
Organic carbon content = 0.00610000
Recharge Rate = 0.16839001 ft/yr
Conc. in recharge water = 2314.0 mg/l, 65.526 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

3.3 Tolueno Alto

```
Benceno Barranquilla
1
     1      50       1      1
    139    0.269     526    0.734
Polygon1
   1290     2.3   0.8858     1.62     0.41     0.25   0.0061
   2627       0       0
  10Y      50
  10   10       0
```

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
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 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
```

```
Benceno Barranquilla

Polygon   1
At time =      0.00, total mass in vadose zone =     0.0000    g/sq.ft.
Mass in gas phase     =      0.0000    g/sq.ft.
Mass in liquid phase  =      0.0000    g/sq.ft.
Mass sorbed           =      0.0000    g/sq.ft.

Polygon   1
At time =      1.00, total mass in vadose zone =     65.878    g/sq.ft.
Mass in gas phase     =      1.7013    g/sq.ft.
Mass in liquid phase  =      9.8818    g/sq.ft.
Mass sorbed           =      54.294    g/sq.ft.

Since last printout at time =      0.00
          Change in Total Mass =     65.878    g/sq.ft.
             Advection in from atmosphere =      65.894    g/sq.ft.
             Advection in from water table =    -0.16027E-01g/sq.ft.
             Diffusion in from atmosphere =      0.0000    g/sq.ft.
             Diffusion in from water table =     0.0000    g/sq.ft.
```

Total inflow at boundaries = 65.878 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 65.878 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.16027E-01g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 65.878 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.
WARNING!!! At time = 2.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 2.00, total mass in vadose zone = 130.25 g/sq.ft.
Mass in gas phase = 3.3637 g/sq.ft.
Mass in liquid phase = 19.538 g/sq.ft.
Mass sorbed = 107.35 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 64.374 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.43188E-01g/sq.ft.
Diffusion in from atmosphere = -1.2887 g/sq.ft.
Diffusion in from water table = -0.18718 g/sq.ft.
Total inflow at boundaries = 64.374 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 130.25 g/sq.ft.
Advection in from atmosphere = 131.79 g/sq.ft.
Advection in from water table = -0.59214E-01g/sq.ft.
Diffusion in from atmosphere = -1.2887 g/sq.ft.
Diffusion in from water table = -0.18718 g/sq.ft.
Total inflow at boundaries = 130.25 g/sq.ft.
Mass discrepancy = -0.15259E-04g/sq.ft.
WARNING!!! At time = 3.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 3.00, total mass in vadose zone = 193.16 g/sq.ft.
Mass in gas phase = 4.9881 g/sq.ft.
Mass in liquid phase = 28.974 g/sq.ft.
Mass sorbed = 159.19 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 62.904 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.88546E-01g/sq.ft.
Diffusion in from atmosphere = -2.5037 g/sq.ft.
Diffusion in from water table = -0.39740 g/sq.ft.
Total inflow at boundaries = 62.904 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 193.16 g/sq.ft.
Advection in from atmosphere = 197.68 g/sq.ft.
Advection in from water table = -0.14776 g/sq.ft.
Diffusion in from atmosphere = -3.7924 g/sq.ft.
Diffusion in from water table = -0.58458 g/sq.ft.
Total inflow at boundaries = 193.16 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 4.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 4.00, total mass in vadose zone = 254.62 g/sq.ft.
Mass in gas phase = 6.5753 g/sq.ft.
Mass in liquid phase = 38.193 g/sq.ft.
Mass sorbed = 209.85 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 61.459 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.15604 g/sq.ft.
Diffusion in from atmosphere = -3.6488 g/sq.ft.
Diffusion in from water table = -0.62965 g/sq.ft.
Total inflow at boundaries = 61.459 g/sq.ft.
Mass discrepancy = 0.26703E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 254.62 g/sq.ft.
Advection in from atmosphere = 263.57 g/sq.ft.
Advection in from water table = -0.30380 g/sq.ft.
Diffusion in from atmosphere = -7.4412 g/sq.ft.
Diffusion in from water table = -1.2142 g/sq.ft.
Total inflow at boundaries = 254.62 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 5.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 5.00, total mass in vadose zone = 314.65 g/sq.ft.
Mass in gas phase = 8.1256 g/sq.ft.
Mass in liquid phase = 47.198 g/sq.ft.
Mass sorbed = 259.32 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 60.033 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.24938 g/sq.ft.
Diffusion in from atmosphere = -4.7280 g/sq.ft.
Diffusion in from water table = -0.88280 g/sq.ft.
Total inflow at boundaries = 60.033 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 314.65 g/sq.ft.
Advection in from atmosphere = 329.47 g/sq.ft.
Advection in from water table = -0.55318 g/sq.ft.
Diffusion in from atmosphere = -12.169 g/sq.ft.
Diffusion in from water table = -2.0970 g/sq.ft.
Total inflow at boundaries = 314.65 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 6.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 6.00, total mass in vadose zone = 373.27 g/sq.ft.
Mass in gas phase = 9.6395 g/sq.ft.
Mass in liquid phase = 55.991 g/sq.ft.
Mass sorbed = 307.64 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 58.621 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.37200 g/sq.ft.
Diffusion in from atmosphere = -5.7448 g/sq.ft.
Diffusion in from water table = -1.1557 g/sq.ft.
Total inflow at boundaries = 58.621 g/sq.ft.
Mass discrepancy = 0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 373.27 g/sq.ft.
Advection in from atmosphere = 395.36 g/sq.ft.
Advection in from water table = -0.92517 g/sq.ft.

Diffusion in from atmosphere = -17.914 g/sq.ft.
Diffusion in from water table = -3.2527 g/sq.ft.
Total inflow at boundaries = 373.27 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 7.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 7.00, total mass in vadose zone = 430.49 g/sq.ft.
Mass in gas phase = 11.117 g/sq.ft.
Mass in liquid phase = 64.574 g/sq.ft.
Mass sorbed = 354.80 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 57.217 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.52688 g/sq.ft.
Diffusion in from atmosphere = -6.7024 g/sq.ft.
Diffusion in from water table = -1.4470 g/sq.ft.
Total inflow at boundaries = 57.217 g/sq.ft.
Mass discrepancy = -0.45776E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 430.49 g/sq.ft.
Advection in from atmosphere = 461.25 g/sq.ft.
Advection in from water table = -1.4521 g/sq.ft.
Diffusion in from atmosphere = -24.616 g/sq.ft.
Diffusion in from water table = -4.6997 g/sq.ft.
Total inflow at boundaries = 430.49 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 8.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 8.00, total mass in vadose zone = 486.30 g/sq.ft.
Mass in gas phase = 12.559 g/sq.ft.
Mass in liquid phase = 72.947 g/sq.ft.
Mass sorbed = 400.80 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 55.818 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.71658 g/sq.ft.
Diffusion in from atmosphere = -7.6042 g/sq.ft.
Diffusion in from water table = -1.7553 g/sq.ft.
Total inflow at boundaries = 55.817 g/sq.ft.

Mass discrepancy = 0.10300E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 486.30 g/sq.ft.
Advection in from atmosphere = 527.15 g/sq.ft.
Advection in from water table = -2.1686 g/sq.ft.
Diffusion in from atmosphere = -32.221 g/sq.ft.
Diffusion in from water table = -6.4549 g/sq.ft.
Total inflow at boundaries = 486.30 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 9.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 9.00, total mass in vadose zone = 540.72 g/sq.ft.
Mass in gas phase = 13.964 g/sq.ft.
Mass in liquid phase = 81.110 g/sq.ft.
Mass sorbed = 445.65 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 54.418 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -0.94311 g/sq.ft.
Diffusion in from atmosphere = -8.4531 g/sq.ft.
Diffusion in from water table = -2.0792 g/sq.ft.
Total inflow at boundaries = 54.418 g/sq.ft.
Mass discrepancy = -0.11444E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 540.72 g/sq.ft.
Advection in from atmosphere = 593.04 g/sq.ft.
Advection in from water table = -3.1118 g/sq.ft.
Diffusion in from atmosphere = -40.674 g/sq.ft.
Diffusion in from water table = -8.5341 g/sq.ft.
Total inflow at boundaries = 540.72 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 10.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 10.00, total mass in vadose zone = 593.74 g/sq.ft.
Mass in gas phase = 15.333 g/sq.ft.
Mass in liquid phase = 89.062 g/sq.ft.
Mass sorbed = 489.34 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 53.017 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -1.2080 g/sq.ft.
Diffusion in from atmosphere = -9.2519 g/sq.ft.
Diffusion in from water table = -2.4172 g/sq.ft.
Total inflow at boundaries = 53.016 g/sq.ft.
Mass discrepancy = 0.10300E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 593.74 g/sq.ft.
Advection in from atmosphere = 658.94 g/sq.ft.
Advection in from water table = -4.3197 g/sq.ft.
Diffusion in from atmosphere = -49.926 g/sq.ft.
Diffusion in from water table = -10.951 g/sq.ft.
Total inflow at boundaries = 593.74 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 11.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 11.00, total mass in vadose zone = 645.35 g/sq.ft.
Mass in gas phase = 16.666 g/sq.ft.
Mass in liquid phase = 96.804 g/sq.ft.
Mass sorbed = 531.88 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 51.610 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -1.5121 g/sq.ft.
Diffusion in from atmosphere = -10.003 g/sq.ft.
Diffusion in from water table = -2.7677 g/sq.ft.
Total inflow at boundaries = 51.610 g/sq.ft.
Mass discrepancy = -0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 645.35 g/sq.ft.
Advection in from atmosphere = 724.83 g/sq.ft.
Advection in from water table = -5.8318 g/sq.ft.
Diffusion in from atmosphere = -59.929 g/sq.ft.
Diffusion in from water table = -13.719 g/sq.ft.
Total inflow at boundaries = 645.35 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 12.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 12.00, total mass in vadose zone = 695.55 g/sq.ft.
Mass in gas phase = 17.962 g/sq.ft.
Mass in liquid phase = 104.33 g/sq.ft.
Mass sorbed = 573.25 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 50.199 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -1.8557 g/sq.ft.
Diffusion in from atmosphere = -10.710 g/sq.ft.
Diffusion in from water table = -3.1292 g/sq.ft.
Total inflow at boundaries = 50.199 g/sq.ft.
Mass discrepancy = 0.15640E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 695.55 g/sq.ft.
Advection in from atmosphere = 790.72 g/sq.ft.
Advection in from water table = -7.6875 g/sq.ft.
Diffusion in from atmosphere = -70.639 g/sq.ft.
Diffusion in from water table = -16.848 g/sq.ft.
Total inflow at boundaries = 695.55 g/sq.ft.
Mass discrepancy = 0.42725E-03g/sq.ft.
WARNING!!! At time = 13.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 13.00, total mass in vadose zone = 744.33 g/sq.ft.
Mass in gas phase = 19.222 g/sq.ft.
Mass in liquid phase = 111.65 g/sq.ft.
Mass sorbed = 613.46 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 48.781 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -2.2389 g/sq.ft.
Diffusion in from atmosphere = -11.374 g/sq.ft.
Diffusion in from water table = -3.5001 g/sq.ft.
Total inflow at boundaries = 48.781 g/sq.ft.
Mass discrepancy = -0.80109E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 744.33 g/sq.ft.
Advection in from atmosphere = 856.62 g/sq.ft.
Advection in from water table = -9.9264 g/sq.ft.

Diffusion in from atmosphere = -82.013 g/sq.ft.
Diffusion in from water table = -20.348 g/sq.ft.
Total inflow at boundaries = 744.33 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 14.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 14.00, total mass in vadose zone = 791.69 g/sq.ft.
Mass in gas phase = 20.445 g/sq.ft.
Mass in liquid phase = 118.75 g/sq.ft.
Mass sorbed = 652.49 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 47.356 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -2.6608 g/sq.ft.
Diffusion in from atmosphere = -11.998 g/sq.ft.
Diffusion in from water table = -3.8787 g/sq.ft.
Total inflow at boundaries = 47.356 g/sq.ft.
Mass discrepancy = 0.11826E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 791.69 g/sq.ft.
Advection in from atmosphere = 922.51 g/sq.ft.
Advection in from water table = -12.587 g/sq.ft.
Diffusion in from atmosphere = -94.011 g/sq.ft.
Diffusion in from water table = -24.227 g/sq.ft.
Total inflow at boundaries = 791.68 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 15.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 15.00, total mass in vadose zone = 837.61 g/sq.ft.
Mass in gas phase = 21.631 g/sq.ft.
Mass in liquid phase = 125.64 g/sq.ft.
Mass sorbed = 690.34 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 45.926 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -3.1203 g/sq.ft.
Diffusion in from atmosphere = -12.584 g/sq.ft.
Diffusion in from water table = -4.2634 g/sq.ft.
Total inflow at boundaries = 45.926 g/sq.ft.

Mass discrepancy = 0.45776E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 837.61 g/sq.ft.
Advection in from atmosphere = 988.40 g/sq.ft.
Advection in from water table = -15.707 g/sq.ft.
Diffusion in from atmosphere = -106.59 g/sq.ft.
Diffusion in from water table = -28.491 g/sq.ft.
Total inflow at boundaries = 837.61 g/sq.ft.
Mass discrepancy = 0.54932E-03g/sq.ft.
WARNING!!! At time = 16.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 16.00, total mass in vadose zone = 882.10 g/sq.ft.
Mass in gas phase = 22.780 g/sq.ft.
Mass in liquid phase = 132.32 g/sq.ft.
Mass sorbed = 727.00 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 44.491 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -3.6158 g/sq.ft.
Diffusion in from atmosphere = -13.134 g/sq.ft.
Diffusion in from water table = -4.6528 g/sq.ft.
Total inflow at boundaries = 44.491 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 882.10 g/sq.ft.
Advection in from atmosphere = 1054.3 g/sq.ft.
Advection in from water table = -19.323 g/sq.ft.
Diffusion in from atmosphere = -119.73 g/sq.ft.
Diffusion in from water table = -33.143 g/sq.ft.
Total inflow at boundaries = 882.10 g/sq.ft.
Mass discrepancy = 0.61035E-03g/sq.ft.
WARNING!!! At time = 17.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 17.00, total mass in vadose zone = 925.16 g/sq.ft.
Mass in gas phase = 23.892 g/sq.ft.
Mass in liquid phase = 138.78 g/sq.ft.
Mass sorbed = 762.49 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 43.053 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -4.1454 g/sq.ft.
Diffusion in from atmosphere = -13.650 g/sq.ft.
Diffusion in from water table = -5.0452 g/sq.ft.
Total inflow at boundaries = 43.053 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 925.16 g/sq.ft.
Advection in from atmosphere = 1120.2 g/sq.ft.
Advection in from water table = -23.469 g/sq.ft.
Diffusion in from atmosphere = -133.38 g/sq.ft.
Diffusion in from water table = -38.189 g/sq.ft.
Total inflow at boundaries = 925.15 g/sq.ft.
Mass discrepancy = 0.61035E-03g/sq.ft.
WARNING!!! At time = 18.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 18.00, total mass in vadose zone = 966.77 g/sq.ft.
Mass in gas phase = 24.966 g/sq.ft.
Mass in liquid phase = 145.02 g/sq.ft.
Mass sorbed = 796.78 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 41.614 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -4.7068 g/sq.ft.
Diffusion in from atmosphere = -14.134 g/sq.ft.
Diffusion in from water table = -5.4393 g/sq.ft.
Total inflow at boundaries = 41.614 g/sq.ft.
Mass discrepancy = 0.14114E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 966.77 g/sq.ft.
Advection in from atmosphere = 1186.1 g/sq.ft.
Advection in from water table = -28.175 g/sq.ft.
Diffusion in from atmosphere = -147.51 g/sq.ft.
Diffusion in from water table = -43.628 g/sq.ft.
Total inflow at boundaries = 966.77 g/sq.ft.
Mass discrepancy = 0.79346E-03g/sq.ft.
WARNING!!! At time = 19.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 19.00, total mass in vadose zone = 1006.9 g/sq.ft.
Mass in gas phase = 26.004 g/sq.ft.
Mass in liquid phase = 151.04 g/sq.ft.
Mass sorbed = 829.90 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 40.175 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -5.2974 g/sq.ft.
Diffusion in from atmosphere = -14.588 g/sq.ft.
Diffusion in from water table = -5.8335 g/sq.ft.
Total inflow at boundaries = 40.175 g/sq.ft.
Mass discrepancy = -0.68665E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1006.9 g/sq.ft.
Advection in from atmosphere = 1252.0 g/sq.ft.
Advection in from water table = -33.473 g/sq.ft.
Diffusion in from atmosphere = -162.10 g/sq.ft.
Diffusion in from water table = -49.461 g/sq.ft.
Total inflow at boundaries = 1006.9 g/sq.ft.
Mass discrepancy = 0.73242E-03g/sq.ft.
WARNING!!! At time = 20.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 20.00, total mass in vadose zone = 1045.7 g/sq.ft.
Mass in gas phase = 27.004 g/sq.ft.
Mass in liquid phase = 156.86 g/sq.ft.
Mass sorbed = 861.82 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 38.740 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -5.9144 g/sq.ft.
Diffusion in from atmosphere = -15.012 g/sq.ft.
Diffusion in from water table = -6.2265 g/sq.ft.
Total inflow at boundaries = 38.740 g/sq.ft.
Mass discrepancy = 0.10300E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1045.7 g/sq.ft.
Advection in from atmosphere = 1317.9 g/sq.ft.
Advection in from water table = -39.387 g/sq.ft.

Diffusion in from atmosphere = -177.11 g/sq.ft.
Diffusion in from water table = -55.688 g/sq.ft.
Total inflow at boundaries = 1045.7 g/sq.ft.
Mass discrepancy = 0.85449E-03g/sq.ft.
WARNING!!! At time = 21.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 21.00, total mass in vadose zone = 1083.0 g/sq.ft.
Mass in gas phase = 27.968 g/sq.ft.
Mass in liquid phase = 162.45 g/sq.ft.
Mass sorbed = 892.58 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 37.311 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -6.5549 g/sq.ft.
Diffusion in from atmosphere = -15.410 g/sq.ft.
Diffusion in from water table = -6.6171 g/sq.ft.
Total inflow at boundaries = 37.311 g/sq.ft.
Mass discrepancy = 0.41962E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1083.0 g/sq.ft.
Advection in from atmosphere = 1383.8 g/sq.ft.
Advection in from water table = -45.942 g/sq.ft.
Diffusion in from atmosphere = -192.52 g/sq.ft.
Diffusion in from water table = -62.305 g/sq.ft.
Total inflow at boundaries = 1083.0 g/sq.ft.
Mass discrepancy = 0.85449E-03g/sq.ft.
WARNING!!! At time = 22.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 22.00, total mass in vadose zone = 1118.9 g/sq.ft.
Mass in gas phase = 28.895 g/sq.ft.
Mass in liquid phase = 167.84 g/sq.ft.
Mass sorbed = 922.16 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 35.891 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -7.2159 g/sq.ft.
Diffusion in from atmosphere = -15.783 g/sq.ft.
Diffusion in from water table = -7.0041 g/sq.ft.
Total inflow at boundaries = 35.891 g/sq.ft.

Mass discrepancy = 0.68665E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1118.9 g/sq.ft.
Advection in from atmosphere = 1449.7 g/sq.ft.
Advection in from water table = -53.158 g/sq.ft.
Diffusion in from atmosphere = -208.31 g/sq.ft.
Diffusion in from water table = -69.309 g/sq.ft.
Total inflow at boundaries = 1118.9 g/sq.ft.
Mass discrepancy = 0.97656E-03g/sq.ft.
WARNING!!! At time = 23.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 23.00, total mass in vadose zone = 1153.4 g/sq.ft.
Mass in gas phase = 29.785 g/sq.ft.
Mass in liquid phase = 173.01 g/sq.ft.
Mass sorbed = 950.58 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 34.483 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -7.8940 g/sq.ft.
Diffusion in from atmosphere = -16.131 g/sq.ft.
Diffusion in from water table = -7.3863 g/sq.ft.
Total inflow at boundaries = 34.482 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1153.4 g/sq.ft.
Advection in from atmosphere = 1515.6 g/sq.ft.
Advection in from water table = -61.052 g/sq.ft.
Diffusion in from atmosphere = -224.44 g/sq.ft.
Diffusion in from water table = -76.695 g/sq.ft.
Total inflow at boundaries = 1153.4 g/sq.ft.
Mass discrepancy = 0.10986E-02g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 1186.5 g/sq.ft.
Mass in gas phase = 30.640 g/sq.ft.
Mass in liquid phase = 177.97 g/sq.ft.
Mass sorbed = 977.85 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 33.088 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -8.5863 g/sq.ft.
Diffusion in from atmosphere = -16.456 g/sq.ft.
Diffusion in from water table = -7.7627 g/sq.ft.
Total inflow at boundaries = 33.088 g/sq.ft.
Mass discrepancy = 0.99182E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1186.5 g/sq.ft.
Advection in from atmosphere = 1581.4 g/sq.ft.
Advection in from water table = -69.638 g/sq.ft.
Diffusion in from atmosphere = -240.89 g/sq.ft.
Diffusion in from water table = -84.458 g/sq.ft.
Total inflow at boundaries = 1186.5 g/sq.ft.
Mass discrepancy = 0.12207E-02g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 1218.2 g/sq.ft.
Mass in gas phase = 31.459 g/sq.ft.
Mass in liquid phase = 182.73 g/sq.ft.
Mass sorbed = 1004.0 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 31.711 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -9.2896 g/sq.ft.
Diffusion in from atmosphere = -16.760 g/sq.ft.
Diffusion in from water table = -8.1325 g/sq.ft.
Total inflow at boundaries = 31.711 g/sq.ft.
Mass discrepancy = 0.16212E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1218.2 g/sq.ft.
Advection in from atmosphere = 1647.3 g/sq.ft.
Advection in from water table = -78.928 g/sq.ft.
Diffusion in from atmosphere = -257.65 g/sq.ft.
Diffusion in from water table = -92.591 g/sq.ft.
Total inflow at boundaries = 1218.2 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 1248.5 g/sq.ft.
Mass in gas phase = 32.242 g/sq.ft.
Mass in liquid phase = 187.28 g/sq.ft.
Mass sorbed = 1029.0 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 30.354 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -10.001 g/sq.ft.
Diffusion in from atmosphere = -17.044 g/sq.ft.
Diffusion in from water table = -8.4948 g/sq.ft.
Total inflow at boundaries = 30.354 g/sq.ft.
Mass discrepancy = 0.76294E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1248.5 g/sq.ft.
Advection in from atmosphere = 1713.2 g/sq.ft.
Advection in from water table = -88.929 g/sq.ft.
Diffusion in from atmosphere = -274.70 g/sq.ft.
Diffusion in from water table = -101.09 g/sq.ft.
Total inflow at boundaries = 1248.5 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 1277.5 g/sq.ft.
Mass in gas phase = 32.992 g/sq.ft.
Mass in liquid phase = 191.63 g/sq.ft.
Mass sorbed = 1052.9 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 29.019 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -10.717 g/sq.ft.
Diffusion in from atmosphere = -17.309 g/sq.ft.
Diffusion in from water table = -8.8488 g/sq.ft.
Total inflow at boundaries = 29.019 g/sq.ft.
Mass discrepancy = -0.41962E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1277.5 g/sq.ft.
Advection in from atmosphere = 1779.1 g/sq.ft.
Advection in from water table = -99.645 g/sq.ft.

Diffusion in from atmosphere = -292.01 g/sq.ft.
Diffusion in from water table = -109.93 g/sq.ft.
Total inflow at boundaries = 1277.5 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 1305.2 g/sq.ft.
Mass in gas phase = 33.707 g/sq.ft.
Mass in liquid phase = 195.79 g/sq.ft.
Mass sorbed = 1075.8 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 27.709 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -11.434 g/sq.ft.
Diffusion in from atmosphere = -17.557 g/sq.ft.
Diffusion in from water table = -9.1940 g/sq.ft.
Total inflow at boundaries = 27.709 g/sq.ft.
Mass discrepancy = 0.74387E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1305.2 g/sq.ft.
Advection in from atmosphere = 1845.0 g/sq.ft.
Advection in from water table = -111.08 g/sq.ft.
Diffusion in from atmosphere = -309.56 g/sq.ft.
Diffusion in from water table = -119.13 g/sq.ft.
Total inflow at boundaries = 1305.2 g/sq.ft.
Mass discrepancy = 0.15869E-02g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 1331.7 g/sq.ft.
Mass in gas phase = 34.390 g/sq.ft.
Mass in liquid phase = 199.75 g/sq.ft.
Mass sorbed = 1097.5 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 26.426 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -12.152 g/sq.ft.
Diffusion in from atmosphere = -17.787 g/sq.ft.
Diffusion in from water table = -9.5297 g/sq.ft.
Total inflow at boundaries = 26.425 g/sq.ft.

Mass discrepancy = 0.12779E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1331.7 g/sq.ft.
Advection in from atmosphere = 1910.9 g/sq.ft.
Advection in from water table = -123.23 g/sq.ft.
Diffusion in from atmosphere = -327.35 g/sq.ft.
Diffusion in from water table = -128.66 g/sq.ft.
Total inflow at boundaries = 1331.7 g/sq.ft.
Mass discrepancy = 0.17090E-02g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 1356.8 g/sq.ft.
Mass in gas phase = 35.040 g/sq.ft.
Mass in liquid phase = 203.53 g/sq.ft.
Mass sorbed = 1118.3 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 25.172 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -12.865 g/sq.ft.
Diffusion in from atmosphere = -18.002 g/sq.ft.
Diffusion in from water table = -9.8554 g/sq.ft.
Total inflow at boundaries = 25.171 g/sq.ft.
Mass discrepancy = 0.13351E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1356.8 g/sq.ft.
Advection in from atmosphere = 1976.8 g/sq.ft.
Advection in from water table = -136.10 g/sq.ft.
Diffusion in from atmosphere = -345.35 g/sq.ft.
Diffusion in from water table = -138.51 g/sq.ft.
Total inflow at boundaries = 1356.8 g/sq.ft.
Mass discrepancy = 0.18311E-02g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 1380.8 g/sq.ft.
Mass in gas phase = 35.658 g/sq.ft.
Mass in liquid phase = 207.12 g/sq.ft.
Mass sorbed = 1138.0 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 23.948 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -13.573 g/sq.ft.
Diffusion in from atmosphere = -18.201 g/sq.ft.
Diffusion in from water table = -10.171 g/sq.ft.
Total inflow at boundaries = 23.948 g/sq.ft.
Mass discrepancy = -0.64850E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1380.8 g/sq.ft.
Advection in from atmosphere = 2042.7 g/sq.ft.
Advection in from water table = -149.67 g/sq.ft.
Diffusion in from atmosphere = -363.55 g/sq.ft.
Diffusion in from water table = -148.68 g/sq.ft.
Total inflow at boundaries = 1380.8 g/sq.ft.
Mass discrepancy = 0.18311E-02g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 1403.6 g/sq.ft.
Mass in gas phase = 36.246 g/sq.ft.
Mass in liquid phase = 210.54 g/sq.ft.
Mass sorbed = 1156.8 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 22.758 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -14.273 g/sq.ft.
Diffusion in from atmosphere = -18.387 g/sq.ft.
Diffusion in from water table = -10.476 g/sq.ft.
Total inflow at boundaries = 22.758 g/sq.ft.
Mass discrepancy = 0.20027E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1403.6 g/sq.ft.
Advection in from atmosphere = 2108.6 g/sq.ft.
Advection in from water table = -163.94 g/sq.ft.
Diffusion in from atmosphere = -381.94 g/sq.ft.
Diffusion in from water table = -159.16 g/sq.ft.
Total inflow at boundaries = 1403.6 g/sq.ft.
Mass discrepancy = 0.18311E-02g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 1425.2 g/sq.ft.
Mass in gas phase = 36.804 g/sq.ft.
Mass in liquid phase = 213.78 g/sq.ft.
Mass sorbed = 1174.6 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 21.602 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -14.962 g/sq.ft.
Diffusion in from atmosphere = -18.560 g/sq.ft.
Diffusion in from water table = -10.770 g/sq.ft.
Total inflow at boundaries = 21.601 g/sq.ft.
Mass discrepancy = 0.10681E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1425.2 g/sq.ft.
Advection in from atmosphere = 2174.5 g/sq.ft.
Advection in from water table = -178.90 g/sq.ft.
Diffusion in from atmosphere = -400.50 g/sq.ft.
Diffusion in from water table = -169.93 g/sq.ft.
Total inflow at boundaries = 1425.2 g/sq.ft.
Mass discrepancy = 0.19531E-02g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 1445.6 g/sq.ft.
Mass in gas phase = 37.333 g/sq.ft.
Mass in liquid phase = 216.85 g/sq.ft.
Mass sorbed = 1191.5 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 20.480 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -15.639 g/sq.ft.
Diffusion in from atmosphere = -18.721 g/sq.ft.
Diffusion in from water table = -11.053 g/sq.ft.
Total inflow at boundaries = 20.480 g/sq.ft.
Mass discrepancy = 0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1445.6 g/sq.ft.
Advection in from atmosphere = 2240.4 g/sq.ft.
Advection in from water table = -194.54 g/sq.ft.

Diffusion in from atmosphere = -419.22 g/sq.ft.
Diffusion in from water table = -180.98 g/sq.ft.
Total inflow at boundaries = 1445.6 g/sq.ft.
Mass discrepancy = 0.19531E-02g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 1465.0 g/sq.ft.
Mass in gas phase = 37.834 g/sq.ft.
Mass in liquid phase = 219.76 g/sq.ft.
Mass sorbed = 1207.4 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 19.396 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -16.303 g/sq.ft.
Diffusion in from atmosphere = -18.871 g/sq.ft.
Diffusion in from water table = -11.325 g/sq.ft.
Total inflow at boundaries = 19.395 g/sq.ft.
Mass discrepancy = 0.16785E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1465.0 g/sq.ft.
Advection in from atmosphere = 2306.3 g/sq.ft.
Advection in from water table = -210.85 g/sq.ft.
Diffusion in from atmosphere = -438.09 g/sq.ft.
Diffusion in from water table = -192.31 g/sq.ft.
Total inflow at boundaries = 1465.0 g/sq.ft.
Mass discrepancy = 0.21973E-02g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 1483.4 g/sq.ft.
Mass in gas phase = 38.307 g/sq.ft.
Mass in liquid phase = 222.51 g/sq.ft.
Mass sorbed = 1222.6 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 18.348 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -16.951 g/sq.ft.
Diffusion in from atmosphere = -19.009 g/sq.ft.
Diffusion in from water table = -11.585 g/sq.ft.
Total inflow at boundaries = 18.348 g/sq.ft.

Mass discrepancy = 0.17166E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1483.4 g/sq.ft.
Advection in from atmosphere = 2372.2 g/sq.ft.
Advection in from water table = -227.80 g/sq.ft.
Diffusion in from atmosphere = -457.10 g/sq.ft.
Diffusion in from water table = -203.89 g/sq.ft.
Total inflow at boundaries = 1483.4 g/sq.ft.
Mass discrepancy = 0.21973E-02g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 1500.7 g/sq.ft.
Mass in gas phase = 38.755 g/sq.ft.
Mass in liquid phase = 225.11 g/sq.ft.
Mass sorbed = 1236.8 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 17.338 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -17.583 g/sq.ft.
Diffusion in from atmosphere = -19.138 g/sq.ft.
Diffusion in from water table = -11.835 g/sq.ft.
Total inflow at boundaries = 17.337 g/sq.ft.
Mass discrepancy = 0.31090E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1500.7 g/sq.ft.
Advection in from atmosphere = 2438.1 g/sq.ft.
Advection in from water table = -245.38 g/sq.ft.
Diffusion in from atmosphere = -476.24 g/sq.ft.
Diffusion in from water table = -215.73 g/sq.ft.
Total inflow at boundaries = 1500.7 g/sq.ft.
Mass discrepancy = 0.25635E-02g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 1517.1 g/sq.ft.
Mass in gas phase = 39.178 g/sq.ft.
Mass in liquid phase = 227.57 g/sq.ft.
Mass sorbed = 1250.3 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 16.365 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -18.197 g/sq.ft.
Diffusion in from atmosphere = -19.257 g/sq.ft.
Diffusion in from water table = -12.074 g/sq.ft.
Total inflow at boundaries = 16.365 g/sq.ft.
Mass discrepancy = -0.55313E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1517.1 g/sq.ft.
Advection in from atmosphere = 2504.0 g/sq.ft.
Advection in from water table = -263.58 g/sq.ft.
Diffusion in from atmosphere = -495.50 g/sq.ft.
Diffusion in from water table = -227.80 g/sq.ft.
Total inflow at boundaries = 1517.1 g/sq.ft.
Mass discrepancy = 0.25635E-02g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 1532.5 g/sq.ft.
Mass in gas phase = 39.576 g/sq.ft.
Mass in liquid phase = 229.88 g/sq.ft.
Mass sorbed = 1263.1 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 15.431 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -18.793 g/sq.ft.
Diffusion in from atmosphere = -19.368 g/sq.ft.
Diffusion in from water table = -12.301 g/sq.ft.
Total inflow at boundaries = 15.431 g/sq.ft.
Mass discrepancy = 0.73433E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1532.5 g/sq.ft.
Advection in from atmosphere = 2569.8 g/sq.ft.
Advection in from water table = -282.37 g/sq.ft.
Diffusion in from atmosphere = -514.87 g/sq.ft.
Diffusion in from water table = -240.10 g/sq.ft.
Total inflow at boundaries = 1532.5 g/sq.ft.
Mass discrepancy = 0.26855E-02g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 1547.0 g/sq.ft.
Mass in gas phase = 39.952 g/sq.ft.
Mass in liquid phase = 232.06 g/sq.ft.
Mass sorbed = 1275.0 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 14.536 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -19.369 g/sq.ft.
Diffusion in from atmosphere = -19.471 g/sq.ft.
Diffusion in from water table = -12.518 g/sq.ft.
Total inflow at boundaries = 14.536 g/sq.ft.
Mass discrepancy = 0.65804E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1547.0 g/sq.ft.
Advection in from atmosphere = 2635.7 g/sq.ft.
Advection in from water table = -301.74 g/sq.ft.
Diffusion in from atmosphere = -534.34 g/sq.ft.
Diffusion in from water table = -252.62 g/sq.ft.
Total inflow at boundaries = 1547.0 g/sq.ft.
Mass discrepancy = 0.26855E-02g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 1560.7 g/sq.ft.
Mass in gas phase = 40.305 g/sq.ft.
Mass in liquid phase = 234.11 g/sq.ft.
Mass sorbed = 1286.3 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 13.678 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -19.926 g/sq.ft.
Diffusion in from atmosphere = -19.566 g/sq.ft.
Diffusion in from water table = -12.725 g/sq.ft.
Total inflow at boundaries = 13.678 g/sq.ft.
Mass discrepancy = 0.19264E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1560.7 g/sq.ft.
Advection in from atmosphere = 2701.6 g/sq.ft.
Advection in from water table = -321.67 g/sq.ft.

Diffusion in from atmosphere = -553.90 g/sq.ft.
Diffusion in from water table = -265.34 g/sq.ft.
Total inflow at boundaries = 1560.7 g/sq.ft.
Mass discrepancy = 0.29297E-02g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 1573.6 g/sq.ft.
Mass in gas phase = 40.637 g/sq.ft.
Mass in liquid phase = 236.04 g/sq.ft.
Mass sorbed = 1296.9 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 12.858 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -20.462 g/sq.ft.
Diffusion in from atmosphere = -19.653 g/sq.ft.
Diffusion in from water table = -12.920 g/sq.ft.
Total inflow at boundaries = 12.858 g/sq.ft.
Mass discrepancy = 0.24796E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1573.6 g/sq.ft.
Advection in from atmosphere = 2767.5 g/sq.ft.
Advection in from water table = -342.13 g/sq.ft.
Diffusion in from atmosphere = -573.56 g/sq.ft.
Diffusion in from water table = -278.27 g/sq.ft.
Total inflow at boundaries = 1573.6 g/sq.ft.
Mass discrepancy = 0.29297E-02g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 1585.7 g/sq.ft.
Mass in gas phase = 40.949 g/sq.ft.
Mass in liquid phase = 237.85 g/sq.ft.
Mass sorbed = 1306.9 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 12.075 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -20.977 g/sq.ft.
Diffusion in from atmosphere = -19.735 g/sq.ft.
Diffusion in from water table = -13.106 g/sq.ft.
Total inflow at boundaries = 12.075 g/sq.ft.

Mass discrepancy = -0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1585.7 g/sq.ft.
Advection in from atmosphere = 2833.4 g/sq.ft.
Advection in from water table = -363.10 g/sq.ft.
Diffusion in from atmosphere = -593.29 g/sq.ft.
Diffusion in from water table = -291.37 g/sq.ft.
Total inflow at boundaries = 1585.7 g/sq.ft.
Mass discrepancy = 0.29297E-02g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 1597.0 g/sq.ft.
Mass in gas phase = 41.241 g/sq.ft.
Mass in liquid phase = 239.55 g/sq.ft.
Mass sorbed = 1316.2 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 11.330 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -21.472 g/sq.ft.
Diffusion in from atmosphere = -19.810 g/sq.ft.
Diffusion in from water table = -13.282 g/sq.ft.
Total inflow at boundaries = 11.330 g/sq.ft.
Mass discrepancy = 0.30899E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1597.0 g/sq.ft.
Advection in from atmosphere = 2899.3 g/sq.ft.
Advection in from water table = -384.58 g/sq.ft.
Diffusion in from atmosphere = -613.10 g/sq.ft.
Diffusion in from water table = -304.65 g/sq.ft.
Total inflow at boundaries = 1597.0 g/sq.ft.
Mass discrepancy = 0.32959E-02g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 1607.6 g/sq.ft.
Mass in gas phase = 41.516 g/sq.ft.
Mass in liquid phase = 241.15 g/sq.ft.
Mass sorbed = 1324.9 g/sq.ft.

Since last printout at time = 44.00

Change in Total Mass = 10.620 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -21.945 g/sq.ft.
Diffusion in from atmosphere = -19.879 g/sq.ft.
Diffusion in from water table = -13.449 g/sq.ft.
Total inflow at boundaries = 10.620 g/sq.ft.
Mass discrepancy = 0.56267E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1607.6 g/sq.ft.
Advection in from atmosphere = 2965.2 g/sq.ft.
Advection in from water table = -406.52 g/sq.ft.
Diffusion in from atmosphere = -632.98 g/sq.ft.
Diffusion in from water table = -318.10 g/sq.ft.
Total inflow at boundaries = 1607.6 g/sq.ft.
Mass discrepancy = 0.34180E-02g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 1617.6 g/sq.ft.
Mass in gas phase = 41.772 g/sq.ft.
Mass in liquid phase = 242.64 g/sq.ft.
Mass sorbed = 1333.1 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 9.9458 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -22.398 g/sq.ft.
Diffusion in from atmosphere = -19.944 g/sq.ft.
Diffusion in from water table = -13.606 g/sq.ft.
Total inflow at boundaries = 9.9455 g/sq.ft.
Mass discrepancy = 0.25368E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1617.6 g/sq.ft.
Advection in from atmosphere = 3031.1 g/sq.ft.
Advection in from water table = -428.92 g/sq.ft.
Diffusion in from atmosphere = -652.92 g/sq.ft.
Diffusion in from water table = -331.71 g/sq.ft.
Total inflow at boundaries = 1617.6 g/sq.ft.
Mass discrepancy = 0.36621E-02g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 1626.9 g/sq.ft.
Mass in gas phase = 42.013 g/sq.ft.
Mass in liquid phase = 244.03 g/sq.ft.
Mass sorbed = 1340.8 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 9.3055 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -22.830 g/sq.ft.
Diffusion in from atmosphere = -20.003 g/sq.ft.
Diffusion in from water table = -13.755 g/sq.ft.
Total inflow at boundaries = 9.3056 g/sq.ft.
Mass discrepancy = -0.74387E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1626.9 g/sq.ft.
Advection in from atmosphere = 3097.0 g/sq.ft.
Advection in from water table = -451.75 g/sq.ft.
Diffusion in from atmosphere = -672.93 g/sq.ft.
Diffusion in from water table = -345.46 g/sq.ft.
Total inflow at boundaries = 1626.9 g/sq.ft.
Mass discrepancy = 0.36621E-02g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 1635.6 g/sq.ft.
Mass in gas phase = 42.237 g/sq.ft.
Mass in liquid phase = 245.34 g/sq.ft.
Mass sorbed = 1348.0 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 8.6995 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -23.242 g/sq.ft.
Diffusion in from atmosphere = -20.057 g/sq.ft.
Diffusion in from water table = -13.895 g/sq.ft.
Total inflow at boundaries = 8.6992 g/sq.ft.
Mass discrepancy = 0.25749E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1635.6 g/sq.ft.
Advection in from atmosphere = 3162.9 g/sq.ft.
Advection in from water table = -474.99 g/sq.ft.

Diffusion in from atmosphere = -692.98 g/sq.ft.
Diffusion in from water table = -359.36 g/sq.ft.
Total inflow at boundaries = 1635.6 g/sq.ft.
Mass discrepancy = 0.40283E-02g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 1643.7 g/sq.ft.
Mass in gas phase = 42.447 g/sq.ft.
Mass in liquid phase = 246.56 g/sq.ft.
Mass sorbed = 1354.7 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 8.1256 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -23.634 g/sq.ft.
Diffusion in from atmosphere = -20.108 g/sq.ft.
Diffusion in from water table = -14.026 g/sq.ft.
Total inflow at boundaries = 8.1253 g/sq.ft.
Mass discrepancy = 0.28896E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1643.7 g/sq.ft.
Advection in from atmosphere = 3228.8 g/sq.ft.
Advection in from water table = -498.63 g/sq.ft.
Diffusion in from atmosphere = -713.09 g/sq.ft.
Diffusion in from water table = -373.39 g/sq.ft.
Total inflow at boundaries = 1643.7 g/sq.ft.
Mass discrepancy = 0.42725E-02g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 1651.3 g/sq.ft.
Mass in gas phase = 42.643 g/sq.ft.
Mass in liquid phase = 247.69 g/sq.ft.
Mass sorbed = 1360.9 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 7.5830 g/sq.ft.
Advection in from atmosphere = 65.894 g/sq.ft.
Advection in from water table = -24.006 g/sq.ft.
Diffusion in from atmosphere = -20.154 g/sq.ft.
Diffusion in from water table = -14.150 g/sq.ft.
Total inflow at boundaries = 7.5829 g/sq.ft.

Mass discrepancy = 0.93460E-04g/sq.ft.

Since beginning of run at time = 0.0

Change in Total Mass = 1651.3 g/sq.ft.
Advection in from atmosphere = 3294.7 g/sq.ft.
Advection in from water table = -522.63 g/sq.ft.
Diffusion in from atmosphere = -733.25 g/sq.ft.
Diffusion in from water table = -387.54 g/sq.ft.
Total inflow at boundaries = 1651.3 g/sq.ft.
Mass discrepancy = 0.43945E-02g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.16027E-01	20.675
2.00	0.23037	297.18
3.00	0.48595	626.87
4.00	0.78568	1013.5
5.00	1.1322	1460.5
6.00	1.5277	1970.7
7.00	1.9738	2546.2
8.00	2.4719	3188.7
9.00	3.0223	3898.8
10.00	3.6252	4676.5
11.00	4.2798	5520.9
12.00	4.9850	6430.6
13.00	5.7390	7403.3
14.00	6.5394	8435.9
15.00	7.3837	9525.0
16.00	8.2686	10666.
17.00	9.1906	11856.
18.00	10.146	13088.
19.00	11.131	14359.
20.00	12.141	15662.
21.00	13.172	16992.
22.00	14.220	18344.
23.00	15.280	19712.
24.00	16.349	21090.
25.00	17.422	22475.
26.00	18.495	23859.
27.00	19.565	25239.
28.00	20.628	26611.
29.00	21.681	27969.
30.00	22.721	29310.

31.00	23.744	30629.
32.00	24.748	31925.
33.00	25.732	33194.
34.00	26.692	34433.
35.00	27.628	35639.
36.00	28.537	36812.
37.00	29.418	37949.
38.00	30.271	39049.
39.00	31.094	40111.
40.00	31.887	41135.
41.00	32.650	42119.
42.00	33.382	43063.
43.00	34.083	43968.
44.00	34.754	44833.
45.00	35.394	45659.
46.00	36.004	46446.
47.00	36.585	47195.
48.00	37.137	47907.
49.00	37.660	48582.
50.00	38.156	49222.

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	20.675	20.675
2.00	297.18	317.85
3.00	626.87	944.72
4.00	1013.5	1958.3
5.00	1460.5	3418.8
6.00	1970.7	5389.5
7.00	2546.2	7935.7
8.00	3188.7	11124.
9.00	3898.8	15023.
10.00	4676.5	19700.
11.00	5520.9	25221.
12.00	6430.6	31651.
13.00	7403.3	39054.
14.00	8435.9	47490.
15.00	9525.0	57015.
16.00	10666.	67682.
17.00	11856.	79538.
18.00	13088.	92626.

19.00	14359.	0.10698E+06
20.00	15662.	0.12265E+06
21.00	16992.	0.13964E+06
22.00	18344.	0.15798E+06
23.00	19712.	0.17769E+06
24.00	21090.	0.19878E+06
25.00	22475.	0.22126E+06
26.00	23859.	0.24512E+06
27.00	25239.	0.27036E+06
28.00	26611.	0.29697E+06
29.00	27969.	0.32494E+06
30.00	29310.	0.35425E+06
31.00	30629.	0.38488E+06
32.00	31925.	0.41680E+06
33.00	33194.	0.45000E+06
34.00	34433.	0.48443E+06
35.00	35639.	0.52007E+06
36.00	36812.	0.55688E+06
37.00	37949.	0.59483E+06
38.00	39049.	0.63388E+06
39.00	40111.	0.67399E+06
40.00	41135.	0.71512E+06
41.00	42119.	0.75724E+06
42.00	43063.	0.80031E+06
43.00	43968.	0.84427E+06
44.00	44833.	0.88911E+06
45.00	45659.	0.93476E+06
46.00	46446.	0.98121E+06
47.00	47195.	0.10284E+07
48.00	47907.	0.10763E+07
49.00	48582.	0.11249E+07
50.00	49222.	0.11741E+07

VLEACH (Version 2.2a, 1996)

By:

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U.S. Environmental Protection Agency
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Ada, OK 74820

Based on the original VLEACH (version 1.0)
developed by CH2M Hill, Redding, California
for USEPA Region IX

Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.6121	9.7104	0.29076E-03
2	1.1366	4.2251	0.12651E-03
3	0.49453	1.8384	0.55047E-04
4	0.21517	0.79990	0.23952E-04
5	0.93625E-01	0.34805	0.10422E-04
6	0.40737E-01	0.15144	0.45346E-05
7	0.17725E-01	0.65893E-01	0.19730E-05
8	0.77125E-02	0.28671E-01	0.85850E-06
9	0.33558E-02	0.12475E-01	0.37354E-06
10	0.14601E-02	0.54280E-02	0.16253E-06

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.8178	17.910	0.53628E-03
2	2.2906	8.5151	0.25497E-03
3	1.0819	4.0218	0.12043E-03
4	0.50835	1.8898	0.56586E-04
5	0.23799	0.88472	0.26491E-04
6	0.11118	0.41332	0.12376E-04
7	0.51923E-01	0.19302	0.57797E-05
8	0.24265E-01	0.90204E-01	0.27010E-05
9	0.11325E-01	0.42100E-01	0.12606E-05
10	0.52104E-02	0.19370E-01	0.57999E-06

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.6805	24.834	0.74362E-03
2	3.4293	12.748	0.38173E-03
3	1.7359	6.4530	0.19322E-03
4	0.86923	3.2313	0.96757E-04
5	0.43184	1.6054	0.48069E-04
6	0.21343	0.79342	0.23758E-04
7	0.10520	0.39109	0.11711E-04
8	0.51793E-01	0.19254	0.57652E-05
9	0.25394E-01	0.94401E-01	0.28267E-05
10	0.12198E-01	0.45348E-01	0.13578E-05

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.2537	30.683	0.91874E-03
2	4.5299	16.840	0.50424E-03
3	2.4340	9.0484	0.27094E-03
4	1.2870	4.7844	0.14326E-03
5	0.67242	2.4997	0.74849E-04
6	0.34840	1.2952	0.38781E-04
7	0.17956	0.66750	0.19987E-04
8	0.92195E-01	0.34273	0.10262E-04
9	0.47016E-01	0.17478	0.52334E-05
10	0.23420E-01	0.87063E-01	0.26069E-05

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.5826	35.623	0.10667E-02
2	5.5770	20.732	0.62079E-03
3	3.1574	11.738	0.35146E-03
4	1.7508	6.5086	0.19489E-03
5	0.95587	3.5534	0.10640E-03
6	0.51599	1.9182	0.57437E-04
7	0.27635	1.0273	0.30761E-04
8	0.14708	0.54676	0.16372E-04
9	0.77558E-01	0.28832	0.86332E-05
10	0.39884E-01	0.14827	0.44396E-05

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	10.705	39.797	0.11916E-02
2	6.5607	24.389	0.73029E-03
3	3.8902	14.462	0.43303E-03
4	2.2503	8.3655	0.25049E-03
5	1.2776	4.7493	0.14221E-03
6	0.71524	2.6589	0.79615E-04
7	0.39632	1.4733	0.44115E-04
8	0.21773	0.80940	0.24236E-04
9	0.11826	0.43962	0.13164E-04
10	0.62579E-01	0.23263	0.69658E-05

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	11.654	43.323	0.12972E-02
2	7.4758	27.791	0.83215E-03
3	4.6198	17.174	0.51424E-03
4	2.7757	10.319	0.30898E-03
5	1.6324	6.0683	0.18171E-03
6	0.94445	3.5110	0.10513E-03
7	0.53965	2.0061	0.60069E-04
8	0.30507	1.1341	0.33959E-04
9	0.17019	0.63269	0.18945E-04
10	0.92444E-01	0.34366	0.10290E-04

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	12.456	46.304	0.13865E-02
2	8.3200	30.929	0.92612E-03
3	5.3359	19.836	0.59396E-03
4	3.3182	12.335	0.36936E-03
5	2.0150	7.4908	0.22430E-03
6	1.2014	4.4660	0.13373E-03
7	0.70599	2.6245	0.78586E-04
8	0.40971	1.5231	0.45605E-04
9	0.23425	0.87081	0.26075E-04
10	0.13034	0.48454	0.14509E-04

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	13.133	48.823	0.14619E-02
2	9.0936	33.805	0.10122E-02
3	6.0307	22.419	0.67130E-03
4	3.8697	14.385	0.43075E-03
5	2.4201	8.9966	0.26939E-03
6	1.4833	5.5141	0.16511E-03
7	0.89455	3.3255	0.99575E-04
8	0.53186	1.9772	0.59203E-04
9	0.31110	1.1565	0.34630E-04
10	0.17703	0.65811	0.19706E-04

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	13.706	50.953	0.15257E-02
2	9.7983	36.425	0.10907E-02
3	6.6983	24.901	0.74560E-03
4	4.4232	16.443	0.49236E-03
5	2.8423	10.566	0.31639E-03
6	1.7873	6.6441	0.19895E-03
7	1.1041	4.1046	0.12290E-03
8	0.67147	2.4962	0.74743E-04
9	0.40122	1.4915	0.44661E-04
10	0.23317	0.86679	0.25954E-04

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	14.191	52.754	0.15796E-02
2	10.437	38.800	0.11618E-02
3	7.3344	27.265	0.81641E-03
4	4.9728	18.486	0.55353E-03
5	3.2768	12.181	0.36475E-03
6	2.1101	7.8443	0.23488E-03
7	1.3332	4.9563	0.14841E-03
8	0.82814	3.0786	0.92183E-04
9	0.50486	1.8768	0.56197E-04
10	0.29926	1.1125	0.33311E-04

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	14.601	54.278	0.16253E-02
2	11.014	40.943	0.12260E-02
3	7.9361	29.502	0.88339E-03
4	5.5132	20.495	0.61369E-03
5	3.7187	13.824	0.41394E-03
6	2.4486	9.1027	0.27256E-03
7	1.5801	5.8740	0.17589E-03
8	1.0012	3.7220	0.11145E-03
9	0.62205	2.3125	0.69242E-04
10	0.37569	1.3966	0.41819E-04

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	14.948	55.567	0.16639E-02
2	11.532	42.871	0.12837E-02
3	8.5018	31.605	0.94636E-03
4	6.0404	22.455	0.67237E-03
5	4.1639	15.479	0.46349E-03
6	2.7995	10.407	0.31162E-03
7	1.8428	6.8504	0.20512E-03
8	1.1899	4.4233	0.13245E-03
9	0.75263	2.7979	0.83777E-04
10	0.46270	1.7201	0.51505E-04

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.241	56.659	0.16965E-02
2	11.997	44.599	0.13354E-02
3	9.0307	33.571	0.10052E-02
4	6.5509	24.353	0.72920E-03
5	4.6084	17.132	0.51297E-03
6	3.1597	11.746	0.35171E-03
7	2.1192	7.8779	0.23589E-03
8	1.3929	5.1782	0.15505E-03
9	0.89626	3.3318	0.99765E-04
10	0.56039	2.0832	0.62379E-04

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.490	57.583	0.17242E-02
2	12.412	46.143	0.13817E-02
3	9.5228	35.401	0.10600E-02
4	7.0421	26.179	0.78388E-03
5	5.0488	18.769	0.56200E-03
6	3.5260	13.108	0.39249E-03
7	2.4071	8.9485	0.26795E-03
8	1.6093	5.9824	0.17913E-03
9	1.0524	3.9123	0.11715E-03
10	0.66871	2.4859	0.74436E-04

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.700	58.365	0.17476E-02
2	12.783	47.520	0.14229E-02
3	9.9787	37.096	0.11108E-02
4	7.5120	27.926	0.83618E-03
5	5.4822	20.380	0.61024E-03
6	3.8957	14.482	0.43364E-03
7	2.7045	10.054	0.30105E-03
8	1.8374	6.8306	0.20453E-03
9	1.2204	4.5368	0.13585E-03
10	0.78749	2.9275	0.87658E-04

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.879	59.029	0.17675E-02
2	13.112	48.745	0.14596E-02
3	10.399	38.660	0.11576E-02
4	7.9592	29.588	0.88596E-03
5	5.9059	21.955	0.65741E-03
6	4.2661	15.859	0.47487E-03
7	3.0092	11.187	0.33496E-03
8	2.0760	7.7175	0.23109E-03
9	1.3995	5.2025	0.15578E-03
10	0.91643	3.4068	0.10201E-03

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.030	59.591	0.17843E-02
2	13.405	49.833	0.14921E-02
3	10.786	40.098	0.12007E-02
4	8.3828	31.163	0.93311E-03
5	6.3179	23.487	0.70327E-03
6	4.6348	17.230	0.51592E-03
7	3.3190	12.338	0.36945E-03
8	2.3235	8.6375	0.25863E-03
9	1.5887	5.9058	0.17684E-03
10	1.0551	3.9223	0.11745E-03

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.158	60.068	0.17986E-02
2	13.664	50.797	0.15210E-02
3	11.141	41.416	0.12401E-02
4	8.7823	32.648	0.97759E-03
5	6.7164	24.968	0.74763E-03
6	4.9996	18.586	0.55652E-03
7	3.6320	13.502	0.40428E-03
8	2.5783	9.5849	0.28700E-03
9	1.7870	6.6433	0.19892E-03
10	1.2030	4.4722	0.13391E-03

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.267	60.473	0.18108E-02
2	13.894	51.650	0.15466E-02
3	11.465	42.621	0.12762E-02
4	9.1577	34.044	0.10194E-02
5	7.1001	26.394	0.79033E-03
6	5.3586	19.921	0.59648E-03
7	3.9462	14.670	0.43926E-03
8	2.8390	10.554	0.31602E-03
9	1.9935	7.4108	0.22190E-03
10	1.3596	5.0542	0.15134E-03

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.360	60.817	0.18211E-02
2	14.097	52.404	0.15691E-02
3	11.761	43.720	0.13091E-02
4	9.5092	35.350	0.10585E-02
5	7.4678	27.761	0.83126E-03
6	5.7101	21.227	0.63561E-03
7	4.2599	15.836	0.47419E-03
8	3.1040	11.539	0.34551E-03
9	2.2070	8.2044	0.24567E-03
10	1.5241	5.6657	0.16965E-03

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.438	61.110	0.18298E-02
2	14.276	53.069	0.15891E-02
3	12.030	44.720	0.13390E-02
4	9.8372	36.569	0.10950E-02
5	7.8188	29.066	0.87034E-03
6	6.0527	22.501	0.67374E-03
7	4.5715	16.995	0.50887E-03
8	3.3718	12.535	0.37533E-03
9	2.4263	9.0199	0.27008E-03
10	1.6958	6.3041	0.18876E-03

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.505	61.358	0.18373E-02
2	14.434	53.657	0.16066E-02
3	12.274	45.627	0.13662E-02
4	10.142	37.704	0.11290E-02
5	8.1527	30.308	0.90750E-03
6	6.3851	23.736	0.71074E-03
7	4.8795	18.139	0.54315E-03
8	3.6411	13.536	0.40531E-03
9	2.6505	9.8530	0.29503E-03
10	1.8740	6.9664	0.20859E-03

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.562	61.570	0.18436E-02
2	14.573	54.174	0.16221E-02
3	12.495	46.449	0.13908E-02
4	10.425	38.756	0.11605E-02
5	8.4692	31.484	0.94273E-03
6	6.7063	24.931	0.74650E-03
7	5.1825	19.266	0.57688E-03
8	3.9106	14.537	0.43530E-03
9	2.8782	10.700	0.32038E-03
10	2.0577	7.6495	0.22905E-03

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.611	61.750	0.18490E-02
2	14.695	54.629	0.16358E-02
3	12.695	47.192	0.14131E-02
4	10.688	39.731	0.11897E-02
5	8.7683	32.596	0.97602E-03
6	7.0157	26.081	0.78094E-03
7	5.4794	20.370	0.60993E-03
8	4.1788	15.535	0.46516E-03
9	3.1085	11.556	0.34601E-03
10	2.2462	8.3503	0.25004E-03

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.652	61.904	0.18536E-02
2	14.803	55.030	0.16478E-02
3	12.875	47.863	0.14332E-02
4	10.929	40.630	0.12166E-02
5	9.0500	33.643	0.10074E-02
6	7.3125	27.184	0.81398E-03
7	5.7692	21.447	0.64219E-03
8	4.4449	16.524	0.49477E-03
9	3.3402	12.417	0.37181E-03
10	2.4387	9.0658	0.27146E-03

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.687	62.035	0.18575E-02
2	14.898	55.382	0.16583E-02
3	13.038	48.467	0.14513E-02
4	11.152	41.459	0.12414E-02
5	9.3147	34.627	0.10368E-02
6	7.5964	28.239	0.84558E-03
7	6.0510	22.494	0.67355E-03
8	4.7075	17.500	0.52401E-03
9	3.5724	13.280	0.39765E-03
10	2.6342	9.7926	0.29322E-03

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.718	62.147	0.18609E-02
2	14.981	55.692	0.16676E-02
3	13.184	49.012	0.14676E-02
4	11.357	42.220	0.12642E-02
5	9.5627	35.549	0.10645E-02
6	7.8671	29.246	0.87571E-03
7	6.3240	23.509	0.70394E-03
8	4.9659	18.461	0.55277E-03
9	3.8040	14.141	0.42344E-03
10	2.8320	10.528	0.31523E-03

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.743	62.243	0.18638E-02
2	15.054	55.964	0.16758E-02
3	13.316	49.501	0.14822E-02
4	11.545	42.920	0.12851E-02
5	9.7945	36.411	0.10903E-02
6	8.1244	30.202	0.90436E-03
7	6.5877	24.490	0.73329E-03
8	5.2192	19.402	0.58096E-03
9	4.0343	14.997	0.44907E-03
10	3.0311	11.268	0.33740E-03

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.766	62.326	0.18662E-02
2	15.119	56.204	0.16829E-02
3	13.434	49.941	0.14954E-02
4	11.718	43.560	0.13043E-02
5	10.011	37.215	0.11143E-02
6	8.3685	31.110	0.93152E-03
7	6.8416	25.433	0.76156E-03
8	5.4666	20.322	0.60850E-03
9	4.2623	15.845	0.47445E-03
10	3.2309	12.011	0.35964E-03

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.785	62.396	0.18683E-02
2	15.175	56.414	0.16892E-02
3	13.540	50.336	0.15072E-02
4	11.875	44.146	0.13219E-02
5	10.212	37.963	0.11367E-02
6	8.5993	31.968	0.95721E-03
7	7.0854	26.340	0.78869E-03
8	5.7075	21.217	0.63532E-03
9	4.4872	16.681	0.49949E-03
10	3.4306	12.753	0.38187E-03

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.801	62.457	0.18701E-02
2	15.225	56.599	0.16947E-02
3	13.636	50.690	0.15178E-02
4	12.019	44.681	0.13379E-02
5	10.399	38.658	0.11575E-02
6	8.8171	32.777	0.98145E-03
7	7.3188	27.207	0.81467E-03
8	5.9413	22.087	0.66134E-03
9	4.7084	17.504	0.52411E-03
10	3.6294	13.492	0.40400E-03

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.815	62.509	0.18717E-02
2	15.269	56.761	0.16996E-02
3	13.721	51.007	0.15273E-02
4	12.150	45.169	0.13525E-02
5	10.572	39.302	0.11768E-02
6	9.0221	33.539	0.10043E-02
7	7.5417	28.036	0.83948E-03
8	6.1676	22.928	0.68654E-03
9	4.9253	18.310	0.54825E-03
10	3.8267	14.226	0.42597E-03

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.827	62.554	0.18731E-02
2	15.307	56.903	0.17039E-02
3	13.797	51.290	0.15358E-02
4	12.270	45.613	0.13658E-02
5	10.733	39.898	0.11947E-02
6	9.2147	34.255	0.10257E-02
7	7.7540	28.825	0.86312E-03
8	6.3861	23.740	0.71085E-03
9	5.1373	19.098	0.57184E-03
10	4.0219	14.951	0.44769E-03

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.837	62.592	0.18742E-02
2	15.341	57.029	0.17076E-02
3	13.865	51.544	0.15434E-02
4	12.379	46.017	0.13779E-02
5	10.881	40.449	0.12112E-02
6	9.3953	34.927	0.10458E-02
7	7.9558	29.575	0.88558E-03
8	6.5964	24.522	0.73426E-03
9	5.3438	19.866	0.59484E-03
10	4.2144	15.667	0.46911E-03

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.846	62.626	0.18752E-02
2	15.370	57.139	0.17109E-02
3	13.926	51.771	0.15502E-02
4	12.478	46.385	0.13889E-02
5	11.018	40.958	0.12264E-02
6	9.5642	35.555	0.10646E-02
7	8.1472	30.287	0.90688E-03
8	6.7984	25.273	0.75675E-03
9	5.5446	20.612	0.61719E-03
10	4.4036	16.370	0.49018E-03

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.854	62.655	0.18761E-02
2	15.396	57.236	0.17138E-02
3	13.981	51.974	0.15563E-02
4	12.567	46.718	0.13989E-02
5	11.144	41.426	0.12404E-02
6	9.7220	36.141	0.10822E-02
7	8.3283	30.960	0.92704E-03
8	6.9919	25.992	0.77828E-03
9	5.7392	21.335	0.63885E-03
10	4.5891	17.060	0.51083E-03

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.861	62.680	0.18768E-02
2	15.419	57.321	0.17164E-02
3	14.030	52.156	0.15617E-02
4	12.649	47.021	0.14079E-02
5	11.259	41.857	0.12533E-02
6	9.8692	36.688	0.10986E-02
7	8.4993	31.596	0.94608E-03
8	7.1768	26.680	0.79887E-03
9	5.9274	22.035	0.65980E-03
10	4.7705	17.734	0.53102E-03

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.867	62.702	0.18775E-02
2	15.440	57.396	0.17186E-02
3	14.073	52.318	0.15666E-02
4	12.722	47.295	0.14162E-02
5	11.366	42.252	0.12652E-02
6	10.006	37.198	0.11138E-02
7	8.6605	32.195	0.96402E-03
8	7.3532	27.335	0.81851E-03
9	6.1090	22.710	0.68001E-03
10	4.9474	18.392	0.55071E-03

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.872	62.721	0.18781E-02
2	15.457	57.462	0.17206E-02
3	14.112	52.462	0.15709E-02
4	12.789	47.543	0.14236E-02
5	11.464	42.616	0.12760E-02
6	10.133	37.671	0.11280E-02
7	8.8121	32.759	0.98090E-03
8	7.5212	27.960	0.83720E-03
9	6.2837	23.360	0.69946E-03
10	5.1195	19.032	0.56987E-03

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.876	62.737	0.18786E-02
2	15.473	57.520	0.17223E-02
3	14.147	52.591	0.15748E-02
4	12.849	47.768	0.14303E-02
5	11.553	42.948	0.12860E-02
6	10.252	38.110	0.11411E-02
7	8.9546	33.288	0.99676E-03
8	7.6807	28.553	0.85496E-03
9	6.4516	23.984	0.71814E-03
10	5.2866	19.653	0.58847E-03

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.880	62.752	0.18790E-02
2	15.487	57.572	0.17239E-02
3	14.178	52.707	0.15782E-02
4	12.904	47.971	0.14364E-02
5	11.635	43.253	0.12951E-02
6	10.361	38.517	0.11533E-02
7	9.0882	33.785	0.10116E-02
8	7.8320	29.115	0.87180E-03
9	6.6124	24.581	0.73605E-03
10	5.4484	20.254	0.60647E-03

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.884	62.765	0.18794E-02
2	15.499	57.617	0.17252E-02
3	14.206	52.810	0.15813E-02
4	12.953	48.154	0.14419E-02
5	11.710	43.532	0.13035E-02
6	10.463	38.894	0.11646E-02
7	9.2132	34.250	0.10255E-02
8	7.9751	29.647	0.88773E-03
9	6.7662	25.153	0.75317E-03
10	5.6047	20.835	0.62387E-03

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.887	62.776	0.18797E-02
2	15.510	57.657	0.17264E-02
3	14.231	52.902	0.15840E-02
4	12.998	48.320	0.14468E-02
5	11.779	43.787	0.13111E-02
6	10.556	39.243	0.11750E-02
7	9.3301	34.684	0.10386E-02
8	8.1104	30.150	0.90279E-03
9	6.9131	25.699	0.76952E-03
10	5.7554	21.395	0.64064E-03

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.889	62.786	0.18800E-02
2	15.519	57.693	0.17275E-02
3	14.253	52.984	0.15865E-02
4	13.038	48.469	0.14513E-02
5	11.841	44.020	0.13181E-02
6	10.643	39.564	0.11847E-02
7	9.4392	35.090	0.10507E-02
8	8.2380	30.624	0.91699E-03
9	7.0530	26.219	0.78509E-03
10	5.9004	21.934	0.65679E-03

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.892	62.794	0.18803E-02
2	15.528	57.724	0.17284E-02
3	14.272	53.057	0.15887E-02
4	13.075	48.604	0.14554E-02
5	11.898	44.232	0.13244E-02
6	10.723	39.861	0.11936E-02
7	9.5409	35.468	0.10620E-02
8	8.3581	31.071	0.93037E-03
9	7.1861	26.714	0.79991E-03
10	6.0396	22.452	0.67229E-03

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.894	62.802	0.18805E-02
2	15.535	57.752	0.17293E-02
3	14.290	53.122	0.15906E-02
4	13.107	48.726	0.14590E-02
5	11.950	44.425	0.13302E-02
6	10.796	40.134	0.12017E-02
7	9.6356	35.820	0.10726E-02
8	8.4711	31.491	0.94294E-03
9	7.3125	27.184	0.81398E-03
10	6.1731	22.948	0.68715E-03

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.896	62.809	0.18807E-02
2	15.542	57.777	0.17300E-02
3	14.306	53.181	0.15924E-02
4	13.137	48.836	0.14623E-02
5	11.998	44.602	0.13355E-02
6	10.864	40.386	0.12093E-02
7	9.7236	36.147	0.10824E-02
8	8.5772	31.886	0.95475E-03
9	7.4323	27.629	0.82731E-03
10	6.3009	23.423	0.70137E-03

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.897	62.815	0.18809E-02
2	15.548	57.799	0.17307E-02
3	14.320	53.233	0.15940E-02
4	13.164	48.935	0.14653E-02
5	12.041	44.762	0.13403E-02
6	10.926	40.617	0.12162E-02
7	9.8054	36.451	0.10915E-02
8	8.6767	32.255	0.96582E-03
9	7.5457	28.051	0.83994E-03
10	6.4229	23.877	0.71495E-03

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.899	62.820	0.18810E-02
2	15.553	57.818	0.17313E-02
3	14.332	53.280	0.15954E-02
4	13.188	49.024	0.14679E-02
5	12.080	44.908	0.13447E-02
6	10.983	40.830	0.12226E-02
7	9.8812	36.733	0.10999E-02
8	8.7698	32.602	0.97619E-03
9	7.6529	28.449	0.85186E-03
10	6.5393	24.310	0.72791E-03

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 139.00 ml/g, 0.49087E-02cu.ft./g
Kh = 0.26900 (dimensionless).
Aqueous solubility = 526.00 mg/l, 14.895 g/cu.ft
Free air diffusion coefficient = .73400 sq. m/day, 2883.9 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2500
Organic carbon content = 0.00610000
Recharge Rate = 0.88580000 ft/yr
Conc. in recharge water = 2627.0 mg/l, 74.389 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

4. Modelamiento Tolueno Bajo – Medio – Alto

4.1 Xileno Bajo

Benceno Barranquilla
1
1 50 1 1
350 0.244 106 0.622
Polygon1
1290 2.3 0.01658 1.62 0.41 0.15 0.0061
2940 0 0
10Y 50
10 10 0

```
|------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                |
 |                                                            |
 |                            By:                             |
 |        Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                       |
 |        Center for Subsurface Modeling Support              |
 |        Robert S. Kerr Environmental Research Laboratory    |
 |        U.S. Environmental Protection Agency                |
 |        P.O. Box 1198                                       |
 |        Ada, OK 74820                                       |
 |                                                            |
 |        Based on the original VLEACH (version 1.0)          |
 |        developed by CH2M Hill, Redding, California         |
 |        for USEPA Region IX                                 |
 |------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 1.3803 g/sq.ft.
Mass in gas phase = 0.23846E-01g/sq.ft.
Mass in liquid phase = 0.56383E-01g/sq.ft.
Mass sorbed = 1.3001 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 1.3803 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.69857E-16g/sq.ft.

Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 1.3803 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1.3803 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.69857E-16g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 1.3803 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 2.7377 g/sq.ft.
Mass in gas phase = 0.47297E-01g/sq.ft.
Mass in liquid phase = 0.11183 g/sq.ft.
Mass sorbed = 2.5786 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 1.3574 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.12559E-15g/sq.ft.
Diffusion in from atmosphere = -0.21022E-01g/sq.ft.
Diffusion in from water table = -0.18862E-02g/sq.ft.
Total inflow at boundaries = 1.3574 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2.7377 g/sq.ft.
Advection in from atmosphere = 2.7606 g/sq.ft.
Advection in from water table = -0.19545E-15g/sq.ft.
Diffusion in from atmosphere = -0.21022E-01g/sq.ft.
Diffusion in from water table = -0.18862E-02g/sq.ft.
Total inflow at boundaries = 2.7377 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 3.00, total mass in vadose zone = 4.0726 g/sq.ft.
Mass in gas phase = 0.70359E-01g/sq.ft.
Mass in liquid phase = 0.16636 g/sq.ft.
Mass sorbed = 3.8359 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 1.3349 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.31985E-07g/sq.ft.
Diffusion in from atmosphere = -0.41685E-01g/sq.ft.
Diffusion in from water table = -0.37486E-02g/sq.ft.
Total inflow at boundaries = 1.3349 g/sq.ft.
Mass discrepancy = -0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 4.0726 g/sq.ft.
Advection in from atmosphere = 4.1410 g/sq.ft.
Advection in from water table = -0.31985E-07g/sq.ft.
Diffusion in from atmosphere = -0.62707E-01g/sq.ft.
Diffusion in from water table = -0.56348E-02g/sq.ft.
Total inflow at boundaries = 4.0726 g/sq.ft.
Mass discrepancy = -0.47684E-06g/sq.ft.

Polygon 1
At time = 4.00, total mass in vadose zone = 5.3853 g/sq.ft.
Mass in gas phase = 0.93037E-01g/sq.ft.
Mass in liquid phase = 0.21998 g/sq.ft.
Mass sorbed = 5.0723 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 1.3127 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.95060E-07g/sq.ft.
Diffusion in from atmosphere = -0.61996E-01g/sq.ft.
Diffusion in from water table = -0.55875E-02g/sq.ft.
Total inflow at boundaries = 1.3127 g/sq.ft.
Mass discrepancy = -0.47684E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 5.3853 g/sq.ft.
Advection in from atmosphere = 5.5213 g/sq.ft.
Advection in from water table = -0.12704E-06g/sq.ft.
Diffusion in from atmosphere = -0.12470 g/sq.ft.
Diffusion in from water table = -0.11222E-01g/sq.ft.
Total inflow at boundaries = 5.3853 g/sq.ft.
Mass discrepancy = -0.47684E-06g/sq.ft.

Polygon 1
At time = 5.00, total mass in vadose zone = 6.6763 g/sq.ft.
Mass in gas phase = 0.11534 g/sq.ft.
Mass in liquid phase = 0.27271 g/sq.ft.
Mass sorbed = 6.2882 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 1.2910 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.18835E-06g/sq.ft.
Diffusion in from atmosphere = -0.81961E-01g/sq.ft.
Diffusion in from water table = -0.74031E-02g/sq.ft.
Total inflow at boundaries = 1.2910 g/sq.ft.
Mass discrepancy = 0.83447E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 6.6763 g/sq.ft.
Advection in from atmosphere = 6.9016 g/sq.ft.
Advection in from water table = -0.31539E-06g/sq.ft.
Diffusion in from atmosphere = -0.20666 g/sq.ft.
Diffusion in from water table = -0.18625E-01g/sq.ft.
Total inflow at boundaries = 6.6763 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 6.00, total mass in vadose zone = 7.9458 g/sq.ft.
Mass in gas phase = 0.13727 g/sq.ft.
Mass in liquid phase = 0.32457 g/sq.ft.
Mass sorbed = 7.4840 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 1.2695 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.31099E-06g/sq.ft.
Diffusion in from atmosphere = -0.10159 g/sq.ft.
Diffusion in from water table = -0.91958E-02g/sq.ft.
Total inflow at boundaries = 1.2695 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 7.9458 g/sq.ft.
Advection in from atmosphere = 8.2819 g/sq.ft.
Advection in from water table = -0.62639E-06g/sq.ft.
Diffusion in from atmosphere = -0.30825 g/sq.ft.

Diffusion in from water table = -0.27821E-01g/sq.ft.
Total inflow at boundaries = 7.9458 g/sq.ft.
Mass discrepancy = 0.47684E-06g/sq.ft.

Polygon 1
At time = 7.00, total mass in vadose zone = 9.1943 g/sq.ft.
Mass in gas phase = 0.15884 g/sq.ft.
Mass in liquid phase = 0.37557 g/sq.ft.
Mass sorbed = 8.6599 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 1.2485 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.46216E-06g/sq.ft.
Diffusion in from atmosphere = -0.12087 g/sq.ft.
Diffusion in from water table = -0.10966E-01g/sq.ft.
Total inflow at boundaries = 1.2485 g/sq.ft.
Mass discrepancy = -0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 9.1943 g/sq.ft.
Advection in from atmosphere = 9.6622 g/sq.ft.
Advection in from water table = -0.10885E-05g/sq.ft.
Diffusion in from atmosphere = -0.42912 g/sq.ft.
Diffusion in from water table = -0.38787E-01g/sq.ft.
Total inflow at boundaries = 9.1943 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 8.00, total mass in vadose zone = 10.422 g/sq.ft.
Mass in gas phase = 0.18005 g/sq.ft.
Mass in liquid phase = 0.42572 g/sq.ft.
Mass sorbed = 9.8163 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 1.2278 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.64101E-06g/sq.ft.
Diffusion in from atmosphere = -0.13984 g/sq.ft.
Diffusion in from water table = -0.12713E-01g/sq.ft.
Total inflow at boundaries = 1.2278 g/sq.ft.
Mass discrepancy = -0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 10.422 g/sq.ft.
Advection in from atmosphere = 11.043 g/sq.ft.
Advection in from water table = -0.17296E-05g/sq.ft.
Diffusion in from atmosphere = -0.56896 g/sq.ft.
Diffusion in from water table = -0.51500E-01g/sq.ft.
Total inflow at boundaries = 10.422 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 9.00, total mass in vadose zone = 11.629 g/sq.ft.
Mass in gas phase = 0.20091 g/sq.ft.
Mass in liquid phase = 0.47504 g/sq.ft.
Mass sorbed = 10.954 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 1.2074 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.84675E-06g/sq.ft.
Diffusion in from atmosphere = -0.15847 g/sq.ft.
Diffusion in from water table = -0.14439E-01g/sq.ft.
Total inflow at boundaries = 1.2074 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 11.629 g/sq.ft.
Advection in from atmosphere = 12.423 g/sq.ft.
Advection in from water table = -0.25763E-05g/sq.ft.
Diffusion in from atmosphere = -0.72743 g/sq.ft.
Diffusion in from water table = -0.65939E-01g/sq.ft.
Total inflow at boundaries = 11.629 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 10.00, total mass in vadose zone = 12.817 g/sq.ft.
Mass in gas phase = 0.22142 g/sq.ft.
Mass in liquid phase = 0.52355 g/sq.ft.
Mass sorbed = 12.072 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 1.1874 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.10786E-05g/sq.ft.
Diffusion in from atmosphere = -0.17679 g/sq.ft.

Diffusion in from water table = -0.16142E-01g/sq.ft.
Total inflow at boundaries = 1.1874 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 12.817 g/sq.ft.
Advection in from atmosphere = 13.803 g/sq.ft.
Advection in from water table = -0.36549E-05g/sq.ft.
Diffusion in from atmosphere = -0.90422 g/sq.ft.
Diffusion in from water table = -0.82082E-01g/sq.ft.
Total inflow at boundaries = 12.817 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 11.00, total mass in vadose zone = 13.985 g/sq.ft.
Mass in gas phase = 0.24160 g/sq.ft.
Mass in liquid phase = 0.57124 g/sq.ft.
Mass sorbed = 13.172 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 1.1677 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.13358E-05g/sq.ft.
Diffusion in from atmosphere = -0.19480 g/sq.ft.
Diffusion in from water table = -0.17824E-01g/sq.ft.
Total inflow at boundaries = 1.1677 g/sq.ft.
Mass discrepancy = -0.23842E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 13.985 g/sq.ft.
Advection in from atmosphere = 15.183 g/sq.ft.
Advection in from water table = -0.49907E-05g/sq.ft.
Diffusion in from atmosphere = -1.0990 g/sq.ft.
Diffusion in from water table = -0.99906E-01g/sq.ft.
Total inflow at boundaries = 13.985 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 12.00, total mass in vadose zone = 15.133 g/sq.ft.
Mass in gas phase = 0.26144 g/sq.ft.
Mass in liquid phase = 0.61815 g/sq.ft.
Mass sorbed = 14.253 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 1.1483 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.16175E-05g/sq.ft.
Diffusion in from atmosphere = -0.21250 g/sq.ft.
Diffusion in from water table = -0.19485E-01g/sq.ft.
Total inflow at boundaries = 1.1483 g/sq.ft.
Mass discrepancy = 0.59605E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 15.133 g/sq.ft.
Advection in from atmosphere = 16.564 g/sq.ft.
Advection in from water table = -0.66082E-05g/sq.ft.
Diffusion in from atmosphere = -1.3115 g/sq.ft.
Diffusion in from water table = -0.11939 g/sq.ft.
Total inflow at boundaries = 15.133 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Polygon 1
At time = 13.00, total mass in vadose zone = 16.262 g/sq.ft.
Mass in gas phase = 0.28095 g/sq.ft.
Mass in liquid phase = 0.66428 g/sq.ft.
Mass sorbed = 15.317 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 1.1293 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.19231E-05g/sq.ft.
Diffusion in from atmosphere = -0.22990 g/sq.ft.
Diffusion in from water table = -0.21124E-01g/sq.ft.
Total inflow at boundaries = 1.1293 g/sq.ft.
Mass discrepancy = -0.20266E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 16.262 g/sq.ft.
Advection in from atmosphere = 17.944 g/sq.ft.
Advection in from water table = -0.85312E-05g/sq.ft.
Diffusion in from atmosphere = -1.5414 g/sq.ft.
Diffusion in from water table = -0.14051 g/sq.ft.
Total inflow at boundaries = 16.262 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 14.00, total mass in vadose zone = 17.373 g/sq.ft.
Mass in gas phase = 0.30013 g/sq.ft.
Mass in liquid phase = 0.70964 g/sq.ft.
Mass sorbed = 16.363 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 1.1106 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.22517E-05g/sq.ft.
Diffusion in from atmosphere = -0.24700 g/sq.ft.
Diffusion in from water table = -0.22743E-01g/sq.ft.
Total inflow at boundaries = 1.1106 g/sq.ft.
Mass discrepancy = 0.32187E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 17.373 g/sq.ft.
Advection in from atmosphere = 19.324 g/sq.ft.
Advection in from water table = -0.10783E-04g/sq.ft.
Diffusion in from atmosphere = -1.7884 g/sq.ft.
Diffusion in from water table = -0.16326 g/sq.ft.
Total inflow at boundaries = 17.373 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 15.00, total mass in vadose zone = 18.465 g/sq.ft.
Mass in gas phase = 0.31900 g/sq.ft.
Mass in liquid phase = 0.75426 g/sq.ft.
Mass sorbed = 17.392 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 1.0922 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.26028E-05g/sq.ft.
Diffusion in from atmosphere = -0.26381 g/sq.ft.
Diffusion in from water table = -0.24340E-01g/sq.ft.
Total inflow at boundaries = 1.0922 g/sq.ft.
Mass discrepancy = -0.50068E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 18.465 g/sq.ft.
Advection in from atmosphere = 20.705 g/sq.ft.
Advection in from water table = -0.13386E-04g/sq.ft.
Diffusion in from atmosphere = -2.0522 g/sq.ft.

Diffusion in from water table = -0.18760 g/sq.ft.
Total inflow at boundaries = 18.465 g/sq.ft.
Mass discrepancy = -0.19073E-05g/sq.ft.

Polygon 1
At time = 16.00, total mass in vadose zone = 19.539 g/sq.ft.
Mass in gas phase = 0.33756 g/sq.ft.
Mass in liquid phase = 0.79813 g/sq.ft.
Mass sorbed = 18.403 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 1.0741 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.29756E-05g/sq.ft.
Diffusion in from atmosphere = -0.28034 g/sq.ft.
Diffusion in from water table = -0.25918E-01g/sq.ft.
Total inflow at boundaries = 1.0741 g/sq.ft.
Mass discrepancy = 0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 19.539 g/sq.ft.
Advection in from atmosphere = 22.085 g/sq.ft.
Advection in from water table = -0.16361E-04g/sq.ft.
Diffusion in from atmosphere = -2.3326 g/sq.ft.
Diffusion in from water table = -0.21352 g/sq.ft.
Total inflow at boundaries = 19.539 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 17.00, total mass in vadose zone = 20.595 g/sq.ft.
Mass in gas phase = 0.35580 g/sq.ft.
Mass in liquid phase = 0.84128 g/sq.ft.
Mass sorbed = 19.398 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 1.0563 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.33693E-05g/sq.ft.
Diffusion in from atmosphere = -0.29658 g/sq.ft.
Diffusion in from water table = -0.27475E-01g/sq.ft.
Total inflow at boundaries = 1.0563 g/sq.ft.
Mass discrepancy = 0.14305E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 20.595 g/sq.ft.
Advection in from atmosphere = 23.465 g/sq.ft.
Advection in from water table = -0.19731E-04g/sq.ft.
Diffusion in from atmosphere = -2.6292 g/sq.ft.
Diffusion in from water table = -0.24099 g/sq.ft.
Total inflow at boundaries = 20.595 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 18.00, total mass in vadose zone = 21.634 g/sq.ft.
Mass in gas phase = 0.37375 g/sq.ft.
Mass in liquid phase = 0.88371 g/sq.ft.
Mass sorbed = 20.377 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 1.0388 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.37835E-05g/sq.ft.
Diffusion in from atmosphere = -0.31255 g/sq.ft.
Diffusion in from water table = -0.29013E-01g/sq.ft.
Total inflow at boundaries = 1.0388 g/sq.ft.
Mass discrepancy = -0.21458E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 21.634 g/sq.ft.
Advection in from atmosphere = 24.846 g/sq.ft.
Advection in from water table = -0.23514E-04g/sq.ft.
Diffusion in from atmosphere = -2.9417 g/sq.ft.
Diffusion in from water table = -0.27000 g/sq.ft.
Total inflow at boundaries = 21.634 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Polygon 1
At time = 19.00, total mass in vadose zone = 22.656 g/sq.ft.
Mass in gas phase = 0.39140 g/sq.ft.
Mass in liquid phase = 0.92544 g/sq.ft.
Mass sorbed = 21.339 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 1.0215 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.42173E-05g/sq.ft.
Diffusion in from atmosphere = -0.32824 g/sq.ft.

Diffusion in from water table = -0.30531E-01g/sq.ft.
Total inflow at boundaries = 1.0215 g/sq.ft.
Mass discrepancy = 0.11921E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 22.656 g/sq.ft.
Advection in from atmosphere = 26.226 g/sq.ft.
Advection in from water table = -0.27731E-04g/sq.ft.
Diffusion in from atmosphere = -3.2699 g/sq.ft.
Diffusion in from water table = -0.30053 g/sq.ft.
Total inflow at boundaries = 22.656 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 20.00, total mass in vadose zone = 23.660 g/sq.ft.
Mass in gas phase = 0.40875 g/sq.ft.
Mass in liquid phase = 0.96647 g/sq.ft.
Mass sorbed = 22.285 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 1.0046 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.46702E-05g/sq.ft.
Diffusion in from atmosphere = -0.34367 g/sq.ft.
Diffusion in from water table = -0.32029E-01g/sq.ft.
Total inflow at boundaries = 1.0046 g/sq.ft.
Mass discrepancy = 0.36955E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 23.660 g/sq.ft.
Advection in from atmosphere = 27.606 g/sq.ft.
Advection in from water table = -0.32402E-04g/sq.ft.
Diffusion in from atmosphere = -3.6136 g/sq.ft.
Diffusion in from water table = -0.33256 g/sq.ft.
Total inflow at boundaries = 23.660 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Polygon 1
At time = 21.00, total mass in vadose zone = 24.648 g/sq.ft.
Mass in gas phase = 0.42582 g/sq.ft.
Mass in liquid phase = 1.0068 g/sq.ft.
Mass sorbed = 23.215 g/sq.ft.

Since last printout at time = 20.00

Change in Total Mass = 0.98797 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.51416E-05g/sq.ft.
Diffusion in from atmosphere = -0.35883 g/sq.ft.
Diffusion in from water table = -0.33509E-01g/sq.ft.
Total inflow at boundaries = 0.98797 g/sq.ft.
Mass discrepancy = -0.20862E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 24.648 g/sq.ft.
Advection in from atmosphere = 28.987 g/sq.ft.
Advection in from water table = -0.37543E-04g/sq.ft.
Diffusion in from atmosphere = -3.9724 g/sq.ft.
Diffusion in from water table = -0.36607 g/sq.ft.
Total inflow at boundaries = 24.648 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 22.00, total mass in vadose zone = 25.620 g/sq.ft.
Mass in gas phase = 0.44261 g/sq.ft.
Mass in liquid phase = 1.0465 g/sq.ft.
Mass sorbed = 24.131 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 0.97161 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.56308E-05g/sq.ft.
Diffusion in from atmosphere = -0.37374 g/sq.ft.
Diffusion in from water table = -0.34969E-01g/sq.ft.
Total inflow at boundaries = 0.97161 g/sq.ft.
Mass discrepancy = 0.10729E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 25.620 g/sq.ft.
Advection in from atmosphere = 30.367 g/sq.ft.
Advection in from water table = -0.43174E-04g/sq.ft.
Diffusion in from atmosphere = -4.3462 g/sq.ft.
Diffusion in from water table = -0.40104 g/sq.ft.
Total inflow at boundaries = 25.620 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.

Polygon 1
At time = 23.00, total mass in vadose zone = 26.575 g/sq.ft.
Mass in gas phase = 0.45911 g/sq.ft.

Mass in liquid phase = 1.0855 g/sq.ft.
Mass sorbed = 25.031 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 0.95552 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.61372E-05g/sq.ft.
Diffusion in from atmosphere = -0.38839 g/sq.ft.
Diffusion in from water table = -0.36411E-01g/sq.ft.
Total inflow at boundaries = 0.95551 g/sq.ft.
Mass discrepancy = 0.43511E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 26.575 g/sq.ft.
Advection in from atmosphere = 31.747 g/sq.ft.
Advection in from water table = -0.49311E-04g/sq.ft.
Diffusion in from atmosphere = -4.7346 g/sq.ft.
Diffusion in from water table = -0.43745 g/sq.ft.
Total inflow at boundaries = 26.575 g/sq.ft.
Mass discrepancy = 0.95367E-05g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 27.515 g/sq.ft.
Mass in gas phase = 0.47535 g/sq.ft.
Mass in liquid phase = 1.1239 g/sq.ft.
Mass sorbed = 25.916 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 0.93968 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.66603E-05g/sq.ft.
Diffusion in from atmosphere = -0.40279 g/sq.ft.
Diffusion in from water table = -0.37834E-01g/sq.ft.
Total inflow at boundaries = 0.93969 g/sq.ft.
Mass discrepancy = -0.48280E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 27.515 g/sq.ft.
Advection in from atmosphere = 33.128 g/sq.ft.
Advection in from water table = -0.55972E-04g/sq.ft.
Diffusion in from atmosphere = -5.1373 g/sq.ft.
Diffusion in from water table = -0.47529 g/sq.ft.
Total inflow at boundaries = 27.515 g/sq.ft.

Mass discrepancy = 0.19073E-05g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 28.439 g/sq.ft.
Mass in gas phase = 0.49131 g/sq.ft.
Mass in liquid phase = 1.1617 g/sq.ft.
Mass sorbed = 26.786 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 0.92413 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.71995E-05g/sq.ft.
Diffusion in from atmosphere = -0.41695 g/sq.ft.
Diffusion in from water table = -0.39239E-01g/sq.ft.
Total inflow at boundaries = 0.92413 g/sq.ft.
Mass discrepancy = -0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 28.439 g/sq.ft.
Advection in from atmosphere = 34.508 g/sq.ft.
Advection in from water table = -0.63171E-04g/sq.ft.
Diffusion in from atmosphere = -5.5543 g/sq.ft.
Diffusion in from water table = -0.51452 g/sq.ft.
Total inflow at boundaries = 28.439 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 29.348 g/sq.ft.
Mass in gas phase = 0.50702 g/sq.ft.
Mass in liquid phase = 1.1988 g/sq.ft.
Mass sorbed = 27.642 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 0.90882 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.77542E-05g/sq.ft.
Diffusion in from atmosphere = -0.43086 g/sq.ft.
Diffusion in from water table = -0.40625E-01g/sq.ft.
Total inflow at boundaries = 0.90882 g/sq.ft.
Mass discrepancy = -0.26226E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 29.348 g/sq.ft.
Advection in from atmosphere = 35.888 g/sq.ft.
Advection in from water table = -0.70925E-04g/sq.ft.
Diffusion in from atmosphere = -5.9852 g/sq.ft.
Diffusion in from water table = -0.55515 g/sq.ft.
Total inflow at boundaries = 29.348 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 30.242 g/sq.ft.
Mass in gas phase = 0.52246 g/sq.ft.
Mass in liquid phase = 1.2353 g/sq.ft.
Mass sorbed = 28.484 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 0.89378 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.83238E-05g/sq.ft.
Diffusion in from atmosphere = -0.44454 g/sq.ft.
Diffusion in from water table = -0.41994E-01g/sq.ft.
Total inflow at boundaries = 0.89378 g/sq.ft.
Mass discrepancy = 0.42319E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 30.242 g/sq.ft.
Advection in from atmosphere = 37.269 g/sq.ft.
Advection in from water table = -0.79249E-04g/sq.ft.
Diffusion in from atmosphere = -6.4297 g/sq.ft.
Diffusion in from water table = -0.59714 g/sq.ft.
Total inflow at boundaries = 30.242 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 31.121 g/sq.ft.
Mass in gas phase = 0.53764 g/sq.ft.
Mass in liquid phase = 1.2712 g/sq.ft.
Mass sorbed = 29.312 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 0.87897 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.

Advection in from water table = -0.89080E-05g/sq.ft.
Diffusion in from atmosphere = -0.45799 g/sq.ft.
Diffusion in from water table = -0.43346E-01g/sq.ft.
Total inflow at boundaries = 0.87898 g/sq.ft.
Mass discrepancy = -0.29206E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 31.121 g/sq.ft.
Advection in from atmosphere = 38.649 g/sq.ft.
Advection in from water table = -0.88157E-04g/sq.ft.
Diffusion in from atmosphere = -6.8877 g/sq.ft.
Diffusion in from water table = -0.64049 g/sq.ft.
Total inflow at boundaries = 31.121 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 31.985 g/sq.ft.
Mass in gas phase = 0.55258 g/sq.ft.
Mass in liquid phase = 1.3065 g/sq.ft.
Mass sorbed = 30.126 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 0.86443 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.95060E-05g/sq.ft.
Diffusion in from atmosphere = -0.47120 g/sq.ft.
Diffusion in from water table = -0.44680E-01g/sq.ft.
Total inflow at boundaries = 0.86443 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 31.985 g/sq.ft.
Advection in from atmosphere = 40.029 g/sq.ft.
Advection in from water table = -0.97663E-04g/sq.ft.
Diffusion in from atmosphere = -7.3589 g/sq.ft.
Diffusion in from water table = -0.68517 g/sq.ft.
Total inflow at boundaries = 31.985 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 32.835 g/sq.ft.
Mass in gas phase = 0.56726 g/sq.ft.

Mass in liquid phase = 1.3413 g/sq.ft.
Mass sorbed = 30.927 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 0.85012 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.10117E-04g/sq.ft.
Diffusion in from atmosphere = -0.48419 g/sq.ft.
Diffusion in from water table = -0.45997E-01g/sq.ft.
Total inflow at boundaries = 0.85012 g/sq.ft.
Mass discrepancy = 0.11325E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 32.835 g/sq.ft.
Advection in from atmosphere = 41.410 g/sq.ft.
Advection in from water table = -0.10778E-03g/sq.ft.
Diffusion in from atmosphere = -7.8431 g/sq.ft.
Diffusion in from water table = -0.73117 g/sq.ft.
Total inflow at boundaries = 32.835 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 33.671 g/sq.ft.
Mass in gas phase = 0.58171 g/sq.ft.
Mass in liquid phase = 1.3754 g/sq.ft.
Mass sorbed = 31.714 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 0.83604 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.10742E-04g/sq.ft.
Diffusion in from atmosphere = -0.49696 g/sq.ft.
Diffusion in from water table = -0.47297E-01g/sq.ft.
Total inflow at boundaries = 0.83605 g/sq.ft.
Mass discrepancy = -0.60201E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 33.671 g/sq.ft.
Advection in from atmosphere = 42.790 g/sq.ft.
Advection in from water table = -0.11852E-03g/sq.ft.
Diffusion in from atmosphere = -8.3400 g/sq.ft.
Diffusion in from water table = -0.77846 g/sq.ft.
Total inflow at boundaries = 33.671 g/sq.ft.

Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 34.493 g/sq.ft.
Mass in gas phase = 0.59591 g/sq.ft.
Mass in liquid phase = 1.4090 g/sq.ft.
Mass sorbed = 32.489 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 0.82222 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.11379E-04g/sq.ft.
Diffusion in from atmosphere = -0.50952 g/sq.ft.
Diffusion in from water table = -0.48580E-01g/sq.ft.
Total inflow at boundaries = 0.82221 g/sq.ft.
Mass discrepancy = 0.10073E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 34.493 g/sq.ft.
Advection in from atmosphere = 44.170 g/sq.ft.
Advection in from water table = -0.12990E-03g/sq.ft.
Diffusion in from atmosphere = -8.8496 g/sq.ft.
Diffusion in from water table = -0.82704 g/sq.ft.
Total inflow at boundaries = 34.493 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 35.302 g/sq.ft.
Mass in gas phase = 0.60988 g/sq.ft.
Mass in liquid phase = 1.4420 g/sq.ft.
Mass sorbed = 33.250 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 0.80859 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.12027E-04g/sq.ft.
Diffusion in from atmosphere = -0.52186 g/sq.ft.
Diffusion in from water table = -0.49846E-01g/sq.ft.
Total inflow at boundaries = 0.80860 g/sq.ft.
Mass discrepancy = -0.95963E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 35.302 g/sq.ft.
Advection in from atmosphere = 45.550 g/sq.ft.
Advection in from water table = -0.14193E-03g/sq.ft.
Diffusion in from atmosphere = -9.3714 g/sq.ft.
Diffusion in from water table = -0.87689 g/sq.ft.
Total inflow at boundaries = 35.302 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 36.097 g/sq.ft.
Mass in gas phase = 0.62362 g/sq.ft.
Mass in liquid phase = 1.4745 g/sq.ft.
Mass sorbed = 33.999 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 0.79523 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.12688E-04g/sq.ft.
Diffusion in from atmosphere = -0.53399 g/sq.ft.
Diffusion in from water table = -0.51096E-01g/sq.ft.
Total inflow at boundaries = 0.79522 g/sq.ft.
Mass discrepancy = 0.76890E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.097 g/sq.ft.
Advection in from atmosphere = 46.931 g/sq.ft.
Advection in from water table = -0.15462E-03g/sq.ft.
Diffusion in from atmosphere = -9.9054 g/sq.ft.
Diffusion in from water table = -0.92799 g/sq.ft.
Total inflow at boundaries = 36.097 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 36.879 g/sq.ft.
Mass in gas phase = 0.63713 g/sq.ft.
Mass in liquid phase = 1.5065 g/sq.ft.
Mass sorbed = 34.736 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 0.78206 g/sq.ft.

Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.13359E-04g/sq.ft.
Diffusion in from atmosphere = -0.54591 g/sq.ft.
Diffusion in from water table = -0.52330E-01g/sq.ft.
Total inflow at boundaries = 0.78207 g/sq.ft.
Mass discrepancy = -0.69737E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 36.879 g/sq.ft.
Advection in from atmosphere = 48.311 g/sq.ft.
Advection in from water table = -0.16798E-03g/sq.ft.
Diffusion in from atmosphere = -10.451 g/sq.ft.
Diffusion in from water table = -0.98032 g/sq.ft.
Total inflow at boundaries = 36.879 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 37.648 g/sq.ft.
Mass in gas phase = 0.65042 g/sq.ft.
Mass in liquid phase = 1.5379 g/sq.ft.
Mass sorbed = 35.460 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 0.76913 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.14041E-04g/sq.ft.
Diffusion in from atmosphere = -0.55763 g/sq.ft.
Diffusion in from water table = -0.53549E-01g/sq.ft.
Total inflow at boundaries = 0.76913 g/sq.ft.
Mass discrepancy = 0.36359E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 37.648 g/sq.ft.
Advection in from atmosphere = 49.691 g/sq.ft.
Advection in from water table = -0.18202E-03g/sq.ft.
Diffusion in from atmosphere = -11.009 g/sq.ft.
Diffusion in from water table = -1.0339 g/sq.ft.
Total inflow at boundaries = 37.648 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 38.405 g/sq.ft.
Mass in gas phase = 0.66348 g/sq.ft.
Mass in liquid phase = 1.5688 g/sq.ft.
Mass sorbed = 36.173 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 0.75640 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.14733E-04g/sq.ft.
Diffusion in from atmosphere = -0.56915 g/sq.ft.
Diffusion in from water table = -0.54751E-01g/sq.ft.
Total inflow at boundaries = 0.75640 g/sq.ft.
Mass discrepancy = -0.63181E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 38.405 g/sq.ft.
Advection in from atmosphere = 51.072 g/sq.ft.
Advection in from water table = -0.19675E-03g/sq.ft.
Diffusion in from atmosphere = -11.578 g/sq.ft.
Diffusion in from water table = -1.0886 g/sq.ft.
Total inflow at boundaries = 38.405 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 39.149 g/sq.ft.
Mass in gas phase = 0.67634 g/sq.ft.
Mass in liquid phase = 1.5992 g/sq.ft.
Mass sorbed = 36.873 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 0.74390 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.15434E-04g/sq.ft.
Diffusion in from atmosphere = -0.58047 g/sq.ft.
Diffusion in from water table = -0.55938E-01g/sq.ft.
Total inflow at boundaries = 0.74389 g/sq.ft.
Mass discrepancy = 0.12219E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.149 g/sq.ft.
Advection in from atmosphere = 52.452 g/sq.ft.
Advection in from water table = -0.21218E-03g/sq.ft.

Diffusion in from atmosphere = -12.159 g/sq.ft.
Diffusion in from water table = -1.1446 g/sq.ft.
Total inflow at boundaries = 39.149 g/sq.ft.
Mass discrepancy = 0.11444E-04g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 39.880 g/sq.ft.
Mass in gas phase = 0.68897 g/sq.ft.
Mass in liquid phase = 1.6290 g/sq.ft.
Mass sorbed = 37.562 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 0.73158 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.16146E-04g/sq.ft.
Diffusion in from atmosphere = -0.59160 g/sq.ft.
Diffusion in from water table = -0.57109E-01g/sq.ft.
Total inflow at boundaries = 0.73159 g/sq.ft.
Mass discrepancy = -0.93579E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 39.880 g/sq.ft.
Advection in from atmosphere = 53.832 g/sq.ft.
Advection in from water table = -0.22833E-03g/sq.ft.
Diffusion in from atmosphere = -12.750 g/sq.ft.
Diffusion in from water table = -1.2017 g/sq.ft.
Total inflow at boundaries = 39.880 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 40.600 g/sq.ft.
Mass in gas phase = 0.70140 g/sq.ft.
Mass in liquid phase = 1.6584 g/sq.ft.
Mass sorbed = 38.240 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 0.71949 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.16865E-04g/sq.ft.
Diffusion in from atmosphere = -0.60255 g/sq.ft.
Diffusion in from water table = -0.58265E-01g/sq.ft.
Total inflow at boundaries = 0.71949 g/sq.ft.

Mass discrepancy = 0.47088E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 40.600 g/sq.ft.
Advection in from atmosphere = 55.213 g/sq.ft.
Advection in from water table = -0.24519E-03g/sq.ft.
Diffusion in from atmosphere = -13.353 g/sq.ft.
Diffusion in from water table = -1.2599 g/sq.ft.
Total inflow at boundaries = 40.600 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 41.307 g/sq.ft.
Mass in gas phase = 0.71363 g/sq.ft.
Mass in liquid phase = 1.6873 g/sq.ft.
Mass sorbed = 38.906 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 0.70758 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.17594E-04g/sq.ft.
Diffusion in from atmosphere = -0.61330 g/sq.ft.
Diffusion in from water table = -0.59406E-01g/sq.ft.
Total inflow at boundaries = 0.70759 g/sq.ft.
Mass discrepancy = -0.10729E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 41.307 g/sq.ft.
Advection in from atmosphere = 56.593 g/sq.ft.
Advection in from water table = -0.26279E-03g/sq.ft.
Diffusion in from atmosphere = -13.966 g/sq.ft.
Diffusion in from water table = -1.3193 g/sq.ft.
Total inflow at boundaries = 41.307 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 42.003 g/sq.ft.
Mass in gas phase = 0.72565 g/sq.ft.
Mass in liquid phase = 1.7158 g/sq.ft.
Mass sorbed = 39.562 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 0.69590 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.18330E-04g/sq.ft.
Diffusion in from atmosphere = -0.62388 g/sq.ft.
Diffusion in from water table = -0.60533E-01g/sq.ft.
Total inflow at boundaries = 0.69589 g/sq.ft.
Mass discrepancy = 0.48280E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 42.003 g/sq.ft.
Advection in from atmosphere = 57.973 g/sq.ft.
Advection in from water table = -0.28112E-03g/sq.ft.
Diffusion in from atmosphere = -14.590 g/sq.ft.
Diffusion in from water table = -1.3799 g/sq.ft.
Total inflow at boundaries = 42.003 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 42.688 g/sq.ft.
Mass in gas phase = 0.73747 g/sq.ft.
Mass in liquid phase = 1.7437 g/sq.ft.
Mass sorbed = 40.207 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 0.68439 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.19075E-04g/sq.ft.
Diffusion in from atmosphere = -0.63427 g/sq.ft.
Diffusion in from water table = -0.61644E-01g/sq.ft.
Total inflow at boundaries = 0.68439 g/sq.ft.
Mass discrepancy = 0.53644E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 42.688 g/sq.ft.
Advection in from atmosphere = 59.354 g/sq.ft.
Advection in from water table = -0.30019E-03g/sq.ft.
Diffusion in from atmosphere = -15.224 g/sq.ft.
Diffusion in from water table = -1.4415 g/sq.ft.
Total inflow at boundaries = 42.688 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 43.361 g/sq.ft.
Mass in gas phase = 0.74910 g/sq.ft.
Mass in liquid phase = 1.7712 g/sq.ft.
Mass sorbed = 40.840 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 0.67307 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.19826E-04g/sq.ft.
Diffusion in from atmosphere = -0.64448 g/sq.ft.
Diffusion in from water table = -0.62742E-01g/sq.ft.
Total inflow at boundaries = 0.67307 g/sq.ft.
Mass discrepancy = -0.23842E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 43.361 g/sq.ft.
Advection in from atmosphere = 60.734 g/sq.ft.
Advection in from water table = -0.32002E-03g/sq.ft.
Diffusion in from atmosphere = -15.869 g/sq.ft.
Diffusion in from water table = -1.5043 g/sq.ft.
Total inflow at boundaries = 43.361 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 44.023 g/sq.ft.
Mass in gas phase = 0.76054 g/sq.ft.
Mass in liquid phase = 1.7982 g/sq.ft.
Mass sorbed = 41.464 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 0.66195 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.20585E-04g/sq.ft.
Diffusion in from atmosphere = -0.65453 g/sq.ft.
Diffusion in from water table = -0.63825E-01g/sq.ft.
Total inflow at boundaries = 0.66195 g/sq.ft.
Mass discrepancy = 0.39339E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 44.023 g/sq.ft.
Advection in from atmosphere = 62.114 g/sq.ft.
Advection in from water table = -0.34060E-03g/sq.ft.

Diffusion in from atmosphere = -16.523 g/sq.ft.
Diffusion in from water table = -1.5681 g/sq.ft.
Total inflow at boundaries = 44.023 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 44.674 g/sq.ft.
Mass in gas phase = 0.77178 g/sq.ft.
Mass in liquid phase = 1.8248 g/sq.ft.
Mass sorbed = 42.077 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 0.65100 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.21350E-04g/sq.ft.
Diffusion in from atmosphere = -0.66440 g/sq.ft.
Diffusion in from water table = -0.64894E-01g/sq.ft.
Total inflow at boundaries = 0.65100 g/sq.ft.
Mass discrepancy = -0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 44.674 g/sq.ft.
Advection in from atmosphere = 63.495 g/sq.ft.
Advection in from water table = -0.36196E-03g/sq.ft.
Diffusion in from atmosphere = -17.188 g/sq.ft.
Diffusion in from water table = -1.6330 g/sq.ft.
Total inflow at boundaries = 44.674 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 45.314 g/sq.ft.
Mass in gas phase = 0.78285 g/sq.ft.
Mass in liquid phase = 1.8510 g/sq.ft.
Mass sorbed = 42.680 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 0.64025 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.22122E-04g/sq.ft.
Diffusion in from atmosphere = -0.67410 g/sq.ft.
Diffusion in from water table = -0.65949E-01g/sq.ft.
Total inflow at boundaries = 0.64024 g/sq.ft.

Mass discrepancy = 0.68545E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 45.314 g/sq.ft.
Advection in from atmosphere = 64.875 g/sq.ft.
Advection in from water table = -0.38408E-03g/sq.ft.
Diffusion in from atmosphere = -17.862 g/sq.ft.
Diffusion in from water table = -1.6989 g/sq.ft.
Total inflow at boundaries = 45.314 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 45.944 g/sq.ft.
Mass in gas phase = 0.79372 g/sq.ft.
Mass in liquid phase = 1.8767 g/sq.ft.
Mass sorbed = 43.273 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 0.62966 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.22900E-04g/sq.ft.
Diffusion in from atmosphere = -0.68364 g/sq.ft.
Diffusion in from water table = -0.66990E-01g/sq.ft.
Total inflow at boundaries = 0.62966 g/sq.ft.
Mass discrepancy = -0.59605E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 45.944 g/sq.ft.
Advection in from atmosphere = 66.255 g/sq.ft.
Advection in from water table = -0.40698E-03g/sq.ft.
Diffusion in from atmosphere = -18.545 g/sq.ft.
Diffusion in from water table = -1.7659 g/sq.ft.
Total inflow at boundaries = 45.944 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 46.563 g/sq.ft.
Mass in gas phase = 0.80442 g/sq.ft.
Mass in liquid phase = 1.9020 g/sq.ft.
Mass sorbed = 43.856 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 0.61926 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.23683E-04g/sq.ft.
Diffusion in from atmosphere = -0.69302 g/sq.ft.
Diffusion in from water table = -0.68018E-01g/sq.ft.
Total inflow at boundaries = 0.61926 g/sq.ft.
Mass discrepancy = 0.38743E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 46.563 g/sq.ft.
Advection in from atmosphere = 67.636 g/sq.ft.
Advection in from water table = -0.43066E-03g/sq.ft.
Diffusion in from atmosphere = -19.238 g/sq.ft.
Diffusion in from water table = -1.8339 g/sq.ft.
Total inflow at boundaries = 46.563 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 47.172 g/sq.ft.
Mass in gas phase = 0.81494 g/sq.ft.
Mass in liquid phase = 1.9269 g/sq.ft.
Mass sorbed = 44.430 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 0.60902 g/sq.ft.
Advection in from atmosphere = 1.3803 g/sq.ft.
Advection in from water table = -0.24472E-04g/sq.ft.
Diffusion in from atmosphere = -0.70223 g/sq.ft.
Diffusion in from water table = -0.69032E-01g/sq.ft.
Total inflow at boundaries = 0.60903 g/sq.ft.
Mass discrepancy = -0.66757E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 47.172 g/sq.ft.
Advection in from atmosphere = 69.016 g/sq.ft.
Advection in from water table = -0.45513E-03g/sq.ft.
Diffusion in from atmosphere = -19.941 g/sq.ft.
Diffusion in from water table = -1.9030 g/sq.ft.
Total inflow at boundaries = 47.172 g/sq.ft.
Mass discrepancy = -0.38147E-05g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.69857E-16	0.90116E-13
2.00	0.18862E-02	2.4332
3.00	0.37486E-02	4.8357
4.00	0.55876E-02	7.2080
5.00	0.74033E-02	9.5503
6.00	0.91961E-02	11.863
7.00	0.10966E-01	14.146
8.00	0.12714E-01	16.401
9.00	0.14440E-01	18.627
10.00	0.16143E-01	20.825
11.00	0.17826E-01	22.995
12.00	0.19486E-01	25.137
13.00	0.21126E-01	27.253
14.00	0.22745E-01	29.341
15.00	0.24343E-01	31.403
16.00	0.25921E-01	33.438
17.00	0.27479E-01	35.448
18.00	0.29017E-01	37.432
19.00	0.30535E-01	39.390
20.00	0.32034E-01	41.324
21.00	0.33514E-01	43.233
22.00	0.34975E-01	45.117
23.00	0.36417E-01	46.978
24.00	0.37840E-01	48.814
25.00	0.39246E-01	50.627
26.00	0.40633E-01	52.417
27.00	0.42003E-01	54.184
28.00	0.43355E-01	55.928
29.00	0.44689E-01	57.649
30.00	0.46007E-01	59.349
31.00	0.47307E-01	61.026
32.00	0.48591E-01	62.682
33.00	0.49858E-01	64.317
34.00	0.51109E-01	65.931
35.00	0.52344E-01	67.523
36.00	0.53563E-01	69.096
37.00	0.54766E-01	70.648
38.00	0.55953E-01	72.179
39.00	0.57125E-01	73.691
40.00	0.58282E-01	75.184
41.00	0.59424E-01	76.657

42.00	0.60551E-01	78.111
43.00	0.61664E-01	79.546
44.00	0.62762E-01	80.962
45.00	0.63845E-01	82.360
46.00	0.64915E-01	83.740
47.00	0.65971E-01	85.102
48.00	0.67013E-01	86.447
49.00	0.68041E-01	87.773
50.00	0.69056E-01	89.083

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.90116E-13	0.90116E-13
2.00	2.4332	2.4332
3.00	4.8357	7.2690
4.00	7.2080	14.477
5.00	9.5503	24.027
6.00	11.863	35.890
7.00	14.146	50.037
8.00	16.401	66.438
9.00	18.627	85.065
10.00	20.825	105.89
11.00	22.995	128.88
12.00	25.137	154.02
13.00	27.253	181.27
14.00	29.341	210.62
15.00	31.403	242.02
16.00	33.438	275.46
17.00	35.448	310.90
18.00	37.432	348.34
19.00	39.390	387.73
20.00	41.324	429.05
21.00	43.233	472.28
22.00	45.117	517.40
23.00	46.978	564.38
24.00	48.814	613.19
25.00	50.627	663.82
26.00	52.417	716.23
27.00	54.184	770.42
28.00	55.928	826.35
29.00	57.649	884.00

30.00	59.349	943.34
31.00	61.026	1004.4
32.00	62.682	1067.1
33.00	64.317	1131.4
34.00	65.931	1197.3
35.00	67.523	1264.8
36.00	69.096	1333.9
37.00	70.648	1404.6
38.00	72.179	1476.7
39.00	73.691	1550.4
40.00	75.184	1625.6
41.00	76.657	1702.3
42.00	78.111	1780.4
43.00	79.546	1859.9
44.00	80.962	1940.9
45.00	82.360	2023.3
46.00	83.740	2107.0
47.00	85.102	2192.1
48.00	86.447	2278.5
49.00	87.773	2366.3
50.00	89.083	2455.4

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 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                   (USEPA Contractors)                       |
 |         Center for Subsurface Modeling Support              |
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 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
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Polygon1

Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000

7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.38941E-01	0.15960	0.12033E-04
2	0.91376E-03	0.37449E-02	0.28235E-06
3	0.21442E-04	0.87875E-04	0.66255E-08
4	0.50313E-06	0.20620E-05	0.15547E-09
5	0.11806E-07	0.48385E-07	0.36481E-11
6	0.27703E-09	0.11354E-08	0.85602E-13
7	0.65005E-11	0.26642E-10	0.20087E-14
8	0.15254E-12	0.62515E-12	0.47134E-16
9	0.35793E-14	0.14669E-13	0.11060E-17
10	0.83988E-16	0.34421E-15	0.25953E-19

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.77140E-01	0.31615	0.23836E-04
2	0.18875E-02	0.77356E-02	0.58324E-06
3	0.49903E-04	0.20452E-03	0.15420E-07
4	0.45551E-05	0.18669E-04	0.14075E-08
5	0.29220E-05	0.11975E-04	0.90291E-09
6	0.23767E-05	0.97405E-05	0.73440E-09
7	0.18772E-05	0.76935E-05	0.58006E-09
8	0.13942E-05	0.57140E-05	0.43082E-09
9	0.92300E-06	0.37828E-05	0.28521E-09
10	0.45956E-06	0.18835E-05	0.14201E-09

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.11461	0.46972	0.35415E-04
2	0.29186E-02	0.11961E-01	0.90185E-06
3	0.85273E-04	0.34948E-03	0.26349E-07
4	0.12056E-04	0.49409E-04	0.37252E-08
5	0.86431E-05	0.35422E-04	0.26707E-08
6	0.70578E-05	0.28926E-04	0.21809E-08
7	0.55758E-05	0.22852E-04	0.17229E-08
8	0.41417E-05	0.16974E-04	0.12798E-08

9	0.27423E-05	0.11239E-04	0.84737E-09
10	0.13659E-05	0.55978E-05	0.42205E-09

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.15137	0.62036	0.46773E-04
2	0.40045E-02	0.16412E-01	0.12374E-05
3	0.12744E-03	0.52229E-03	0.39379E-07
4	0.22907E-04	0.93880E-04	0.70782E-08
5	0.17089E-04	0.70039E-04	0.52807E-08
6	0.13974E-04	0.57271E-04	0.43180E-08
7	0.11041E-04	0.45251E-04	0.34118E-08
8	0.82022E-05	0.33616E-04	0.25345E-08
9	0.54316E-05	0.22261E-04	0.16784E-08
10	0.27063E-05	0.11092E-04	0.83626E-09

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.18742	0.76813	0.57914E-04
2	0.51429E-02	0.21077E-01	0.15892E-05
3	0.17628E-03	0.72248E-03	0.54472E-07
4	0.37012E-04	0.15169E-03	0.11437E-07
5	0.28177E-04	0.11548E-03	0.87068E-08
6	0.23057E-04	0.94496E-04	0.71246E-08
7	0.18220E-04	0.74673E-04	0.56300E-08
8	0.13537E-04	0.55478E-04	0.41829E-08
9	0.89655E-05	0.36744E-04	0.27704E-08
10	0.44687E-05	0.18314E-04	0.13808E-08

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.22279	0.91308	0.68843E-04
2	0.63312E-02	0.25947E-01	0.19563E-05
3	0.23170E-03	0.94958E-03	0.71595E-07
4	0.54278E-04	0.22245E-03	0.16772E-07
5	0.41825E-04	0.17141E-03	0.12924E-07
6	0.34240E-04	0.14033E-03	0.10580E-07
7	0.27060E-04	0.11090E-03	0.83617E-08
8	0.20107E-04	0.82405E-04	0.62130E-08
9	0.13319E-04	0.54586E-04	0.41156E-08
10	0.66408E-05	0.27216E-04	0.20520E-08

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.25749	1.0553	0.79564E-04
2	0.75672E-02	0.31013E-01	0.23383E-05
3	0.29356E-03	0.12031E-02	0.90711E-07
4	0.74613E-04	0.30579E-03	0.23056E-07
5	0.57953E-04	0.23751E-03	0.17908E-07
6	0.47458E-04	0.19450E-03	0.14665E-07
7	0.37511E-04	0.15373E-03	0.11591E-07
8	0.27875E-04	0.11424E-03	0.86133E-08
9	0.18467E-04	0.75685E-04	0.57064E-08
10	0.92109E-05	0.37750E-04	0.28462E-08

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.29152	1.1948	0.90080E-04
2	0.88486E-02	0.36265E-01	0.27342E-05
3	0.36176E-03	0.14826E-02	0.11178E-06
4	0.97927E-04	0.40134E-03	0.30260E-07
5	0.76483E-04	0.31346E-03	0.23633E-07
6	0.62648E-04	0.25675E-03	0.19358E-07
7	0.49521E-04	0.20296E-03	0.15302E-07
8	0.36804E-04	0.15084E-03	0.11373E-07
9	0.24386E-04	0.99945E-04	0.75355E-08
10	0.12168E-04	0.49867E-04	0.37598E-08

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.32491	1.3316	0.10040E-03
2	0.10173E-01	0.41694E-01	0.31436E-05
3	0.43617E-03	0.17876E-02	0.13478E-06
4	0.12413E-03	0.50874E-03	0.38357E-07
5	0.97339E-04	0.39893E-03	0.30078E-07
6	0.79746E-04	0.32683E-03	0.24642E-07
7	0.63044E-04	0.25838E-03	0.19481E-07
8	0.46859E-04	0.19204E-03	0.14479E-07
9	0.31053E-04	0.12727E-03	0.95955E-08
10	0.15499E-04	0.63521E-04	0.47893E-08

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.35765	1.4658	0.11052E-03
2	0.11539E-01	0.47292E-01	0.35657E-05
3	0.51668E-03	0.21175E-02	0.15965E-06
4	0.15315E-03	0.62764E-03	0.47322E-07
5	0.12045E-03	0.49363E-03	0.37218E-07
6	0.98692E-04	0.40448E-03	0.30496E-07
7	0.78030E-04	0.31979E-03	0.24111E-07
8	0.58004E-04	0.23772E-03	0.17923E-07
9	0.38445E-04	0.15756E-03	0.11879E-07
10	0.19195E-04	0.78668E-04	0.59313E-08

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.38978	1.5974	0.12044E-03
2	0.12944E-01	0.53051E-01	0.39998E-05
3	0.60316E-03	0.24720E-02	0.18638E-06
4	0.18488E-03	0.75770E-03	0.57128E-07
5	0.14573E-03	0.59726E-03	0.45031E-07
6	0.11943E-03	0.48946E-03	0.36903E-07
7	0.94433E-04	0.38702E-03	0.29180E-07
8	0.70205E-04	0.28773E-03	0.21693E-07
9	0.46538E-04	0.19073E-03	0.14380E-07
10	0.23244E-04	0.95262E-04	0.71824E-08

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.42129	1.7266	0.13018E-03
2	0.14387E-01	0.58961E-01	0.44455E-05
3	0.69551E-03	0.28505E-02	0.21491E-06
4	0.21925E-03	0.89858E-03	0.67750E-07
5	0.17312E-03	0.70953E-03	0.53496E-07
6	0.14189E-03	0.58153E-03	0.43845E-07
7	0.11221E-03	0.45987E-03	0.34673E-07
8	0.83429E-04	0.34192E-03	0.25780E-07
9	0.55312E-04	0.22669E-03	0.17092E-07
10	0.27635E-04	0.11326E-03	0.85394E-08

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.45220	1.8533	0.13973E-03
2	0.15864E-01	0.65016E-01	0.49020E-05
3	0.79360E-03	0.32525E-02	0.24522E-06
4	0.25619E-03	0.10500E-02	0.79163E-07
5	0.20256E-03	0.83015E-03	0.62590E-07
6	0.16603E-03	0.68047E-03	0.51305E-07
7	0.13131E-03	0.53816E-03	0.40575E-07
8	0.97642E-04	0.40017E-03	0.30172E-07
9	0.64745E-04	0.26535E-03	0.20006E-07
10	0.32359E-04	0.13262E-03	0.99990E-08

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.48252	1.9776	0.14910E-03
2	0.17375E-01	0.71208E-01	0.53688E-05
3	0.89731E-03	0.36775E-02	0.27727E-06
4	0.29560E-03	0.12115E-02	0.91342E-07
5	0.23396E-03	0.95884E-03	0.72293E-07
6	0.19179E-03	0.78603E-03	0.59264E-07
7	0.15170E-03	0.62171E-03	0.46875E-07
8	0.11281E-03	0.46235E-03	0.34859E-07
9	0.74815E-04	0.30662E-03	0.23118E-07
10	0.37405E-04	0.15330E-03	0.11558E-07

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.51227	2.0995	0.15829E-03
2	0.18917E-01	0.77529E-01	0.58454E-05
3	0.10065E-02	0.41251E-02	0.31102E-06
4	0.33743E-03	0.13829E-02	0.10427E-06
5	0.26726E-03	0.10953E-02	0.82585E-07
6	0.21911E-03	0.89801E-03	0.67707E-07
7	0.17333E-03	0.71035E-03	0.53558E-07
8	0.12891E-03	0.52832E-03	0.39833E-07
9	0.85503E-04	0.35042E-03	0.26420E-07
10	0.42762E-04	0.17526E-03	0.13214E-07

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.54145	2.2190	0.16731E-03
2	0.20489E-01	0.83973E-01	0.63312E-05
3	0.11211E-02	0.45947E-02	0.34643E-06
4	0.38158E-03	0.15639E-02	0.11791E-06
5	0.30241E-03	0.12394E-02	0.93445E-07
6	0.24795E-03	0.10162E-02	0.76617E-07
7	0.19615E-03	0.80390E-03	0.60612E-07
8	0.14590E-03	0.59796E-03	0.45084E-07
9	0.96787E-04	0.39667E-03	0.29907E-07
10	0.48422E-04	0.19845E-03	0.14963E-07

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.57007	2.3363	0.17615E-03
2	0.22090E-01	0.90532E-01	0.68258E-05
3	0.12410E-02	0.50860E-02	0.38346E-06
4	0.42799E-03	0.17541E-02	0.13225E-06
5	0.33933E-03	0.13907E-02	0.10485E-06
6	0.27824E-03	0.11403E-02	0.85977E-07
7	0.22014E-03	0.90221E-03	0.68023E-07
8	0.16376E-03	0.67116E-03	0.50603E-07
9	0.10865E-03	0.44528E-03	0.33573E-07
10	0.54375E-04	0.22285E-03	0.16802E-07

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.59814	2.4514	0.18483E-03
2	0.23717E-01	0.97199E-01	0.73285E-05
3	0.13660E-02	0.55983E-02	0.42209E-06
4	0.47659E-03	0.19532E-02	0.14727E-06
5	0.37797E-03	0.15490E-02	0.11679E-06
6	0.30995E-03	0.12703E-02	0.95774E-07
7	0.24525E-03	0.10051E-02	0.75781E-07
8	0.18246E-03	0.74778E-03	0.56380E-07
9	0.12107E-03	0.49619E-03	0.37411E-07
10	0.60611E-04	0.24841E-03	0.18729E-07

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.62568	2.5643	0.19334E-03
2	0.25368E-01	0.10397	0.78389E-05
3	0.14960E-02	0.61312E-02	0.46227E-06
4	0.52730E-03	0.21611E-02	0.16294E-06
5	0.41826E-03	0.17142E-02	0.12924E-06
6	0.34301E-03	0.14058E-02	0.10599E-06
7	0.27143E-03	0.11124E-02	0.83873E-07
8	0.20196E-03	0.82771E-03	0.62406E-07
9	0.13403E-03	0.54930E-03	0.41416E-07
10	0.67121E-04	0.27509E-03	0.20741E-07

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.65270	2.6750	0.20169E-03
2	0.27044E-01	0.11083	0.83565E-05
3	0.16310E-02	0.66843E-02	0.50397E-06
4	0.58006E-03	0.23773E-02	0.17924E-06
5	0.46014E-03	0.18858E-02	0.14219E-06
6	0.37738E-03	0.15466E-02	0.11661E-06
7	0.29866E-03	0.12240E-02	0.92287E-07
8	0.22224E-03	0.91084E-03	0.68674E-07
9	0.14751E-03	0.60456E-03	0.45581E-07
10	0.73897E-04	0.30286E-03	0.22834E-07

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.67920	2.7836	0.20987E-03
2	0.28741E-01	0.11779	0.88809E-05
3	0.17707E-02	0.72569E-02	0.54715E-06
4	0.63480E-03	0.26017E-02	0.19616E-06
5	0.50357E-03	0.20638E-02	0.15560E-06
6	0.41302E-03	0.16927E-02	0.12762E-06
7	0.32690E-03	0.13397E-02	0.10101E-06
8	0.24328E-03	0.99705E-03	0.75174E-07
9	0.16150E-03	0.66187E-03	0.49903E-07
10	0.80929E-04	0.33168E-03	0.25007E-07

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.70520	2.8902	0.21791E-03
2	0.30458E-01	0.12483	0.94116E-05
3	0.19151E-02	0.78488E-02	0.59177E-06
4	0.69146E-03	0.28339E-02	0.21366E-06
5	0.54848E-03	0.22479E-02	0.16948E-06
6	0.44988E-03	0.18438E-02	0.13901E-06
7	0.35610E-03	0.14594E-02	0.11004E-06
8	0.26504E-03	0.10862E-02	0.81898E-07
9	0.17597E-03	0.72118E-03	0.54374E-07
10	0.88209E-04	0.36151E-03	0.27257E-07

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.73070	2.9947	0.22579E-03
2	0.32195E-01	0.13195	0.99482E-05
3	0.20641E-02	0.84593E-02	0.63780E-06
4	0.74997E-03	0.30736E-02	0.23174E-06
5	0.59481E-03	0.24377E-02	0.18380E-06
6	0.48791E-03	0.19996E-02	0.15077E-06
7	0.38624E-03	0.15830E-02	0.11935E-06
8	0.28750E-03	0.11783E-02	0.88839E-07
9	0.19091E-03	0.78240E-03	0.58990E-07
10	0.95729E-04	0.39233E-03	0.29580E-07

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.75571	3.0972	0.23352E-03
2	0.33949E-01	0.13914	0.10490E-04
3	0.22175E-02	0.90880E-02	0.68520E-06
4	0.81027E-03	0.33208E-02	0.25037E-06
5	0.64252E-03	0.26333E-02	0.19854E-06
6	0.52707E-03	0.21601E-02	0.16287E-06
7	0.41728E-03	0.17102E-02	0.12894E-06
8	0.31064E-03	0.12731E-02	0.95989E-07
9	0.20630E-03	0.84548E-03	0.63746E-07
10	0.10348E-03	0.42410E-03	0.31975E-07

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.78025	3.1978	0.24110E-03
2	0.35720E-01	0.14639	0.11038E-04
3	0.23752E-02	0.97345E-02	0.73395E-06
4	0.87230E-03	0.35750E-02	0.26954E-06
5	0.69155E-03	0.28342E-02	0.21369E-06
6	0.56732E-03	0.23251E-02	0.17530E-06
7	0.44919E-03	0.18409E-02	0.13880E-06
8	0.33443E-03	0.13706E-02	0.10334E-06
9	0.22212E-03	0.91035E-03	0.68637E-07
10	0.11145E-03	0.45678E-03	0.34440E-07

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.80432	3.2964	0.24854E-03
2	0.37506E-01	0.15371	0.11589E-04
3	0.25372E-02	0.10398E-01	0.78399E-06
4	0.93600E-03	0.38361E-02	0.28922E-06
5	0.74186E-03	0.30404E-02	0.22923E-06
6	0.60862E-03	0.24943E-02	0.18806E-06
7	0.48193E-03	0.19751E-02	0.14892E-06
8	0.35884E-03	0.14707E-02	0.11088E-06
9	0.23837E-03	0.97693E-03	0.73657E-07
10	0.11964E-03	0.49035E-03	0.36970E-07

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.82794	3.3932	0.25583E-03
2	0.39306E-01	0.16109	0.12146E-04
3	0.27032E-02	0.11079E-01	0.83530E-06
4	0.10013E-02	0.41037E-02	0.30941E-06
5	0.79338E-03	0.32516E-02	0.24516E-06
6	0.65092E-03	0.26677E-02	0.20114E-06
7	0.51547E-03	0.21126E-02	0.15928E-06
8	0.38385E-03	0.15732E-02	0.11861E-06
9	0.25502E-03	0.10452E-02	0.78802E-07
10	0.12804E-03	0.52476E-03	0.39565E-07

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.85110	3.4881	0.26299E-03
2	0.41119E-01	0.16852	0.12706E-04
3	0.28732E-02	0.11776E-01	0.88784E-06
4	0.10682E-02	0.43777E-02	0.33007E-06
5	0.84608E-03	0.34676E-02	0.26144E-06
6	0.69419E-03	0.28450E-02	0.21450E-06
7	0.54979E-03	0.22532E-02	0.16988E-06
8	0.40945E-03	0.16781E-02	0.12652E-06
9	0.27206E-03	0.11150E-02	0.84068E-07
10	0.13664E-03	0.56000E-03	0.42222E-07

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.87382	3.5812	0.27001E-03
2	0.42943E-01	0.17600	0.13269E-04
3	0.30472E-02	0.12488E-01	0.94158E-06
4	0.11365E-02	0.46579E-02	0.35119E-06
5	0.89991E-03	0.36882E-02	0.27807E-06
6	0.73838E-03	0.30261E-02	0.22816E-06
7	0.58484E-03	0.23969E-02	0.18072E-06
8	0.43559E-03	0.17852E-02	0.13460E-06
9	0.28948E-03	0.11864E-02	0.89448E-07
10	0.14543E-03	0.59603E-03	0.44939E-07

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.89611	3.6726	0.27690E-03
2	0.44778E-01	0.18352	0.13837E-04
3	0.32248E-02	0.13217E-01	0.99648E-06
4	0.12063E-02	0.49440E-02	0.37276E-06
5	0.95482E-03	0.39132E-02	0.29504E-06
6	0.78346E-03	0.32109E-02	0.24209E-06
7	0.62060E-03	0.25434E-02	0.19177E-06
8	0.46228E-03	0.18946E-02	0.14284E-06
9	0.30725E-03	0.12592E-02	0.94940E-07
10	0.15441E-03	0.63282E-03	0.47713E-07

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.91797	3.7622	0.28365E-03
2	0.46623E-01	0.19108	0.14406E-04
3	0.34062E-02	0.13960E-01	0.10525E-05
4	0.12775E-02	0.52358E-02	0.39476E-06
5	0.10108E-02	0.41425E-02	0.31233E-06
6	0.82939E-03	0.33992E-02	0.25628E-06
7	0.65705E-03	0.26928E-02	0.20303E-06
8	0.48947E-03	0.20060E-02	0.15125E-06
9	0.32537E-03	0.13335E-02	0.10054E-06
10	0.16356E-03	0.67035E-03	0.50542E-07

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.93942	3.8501	0.29028E-03
2	0.48476E-01	0.19867	0.14979E-04
3	0.35910E-02	0.14717E-01	0.11096E-05
4	0.13501E-02	0.55331E-02	0.41717E-06
5	0.10677E-02	0.43758E-02	0.32992E-06
6	0.87614E-03	0.35908E-02	0.27073E-06
7	0.69414E-03	0.28448E-02	0.21449E-06
8	0.51716E-03	0.21195E-02	0.15980E-06
9	0.34382E-03	0.14091E-02	0.10624E-06
10	0.17289E-03	0.70858E-03	0.53424E-07

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.96045	3.9363	0.29678E-03
2	0.50336E-01	0.20630	0.15554E-04
3	0.37793E-02	0.15489E-01	0.11678E-05
4	0.14239E-02	0.58357E-02	0.43999E-06
5	0.11256E-02	0.46130E-02	0.34781E-06
6	0.92368E-03	0.37856E-02	0.28542E-06
7	0.73186E-03	0.29994E-02	0.22615E-06
8	0.54531E-03	0.22349E-02	0.16850E-06
9	0.36258E-03	0.14860E-02	0.11204E-06
10	0.18239E-03	0.74749E-03	0.56358E-07

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.98109	4.0209	0.30316E-03
2	0.52203E-01	0.21395	0.16131E-04
3	0.39710E-02	0.16275E-01	0.12270E-05
4	0.14990E-02	0.61433E-02	0.46318E-06
5	0.11844E-02	0.48540E-02	0.36597E-06
6	0.97195E-03	0.39834E-02	0.30033E-06
7	0.77018E-03	0.31565E-02	0.23799E-06
8	0.57392E-03	0.23521E-02	0.17734E-06
9	0.38166E-03	0.15642E-02	0.11793E-06
10	0.19204E-03	0.78704E-03	0.59340E-07

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0013	4.1038	0.30941E-03
2	0.54076E-01	0.22162	0.16709E-04
3	0.41659E-02	0.17073E-01	0.12873E-05
4	0.15752E-02	0.64558E-02	0.48675E-06
5	0.12440E-02	0.50985E-02	0.38441E-06
6	0.10209E-02	0.41842E-02	0.31547E-06
7	0.80908E-03	0.33159E-02	0.25001E-06
8	0.60296E-03	0.24712E-02	0.18632E-06
9	0.40102E-03	0.16435E-02	0.12392E-06
10	0.20184E-03	0.82723E-03	0.62370E-07

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0212	4.1852	0.31555E-03
2	0.55953E-01	0.22932	0.17290E-04
3	0.43638E-02	0.17885E-01	0.13484E-05
4	0.16526E-02	0.67730E-02	0.51066E-06
5	0.13045E-02	0.53464E-02	0.40310E-06
6	0.10706E-02	0.43878E-02	0.33082E-06
7	0.84851E-03	0.34775E-02	0.26219E-06
8	0.63241E-03	0.25919E-02	0.19542E-06
9	0.42066E-03	0.17240E-02	0.12999E-06
10	0.21179E-03	0.86801E-03	0.65445E-07

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0407	4.2651	0.32157E-03
2	0.57834E-01	0.23703	0.17871E-04
3	0.45648E-02	0.18708E-01	0.14105E-05
4	0.17311E-02	0.70947E-02	0.53492E-06
5	0.13658E-02	0.55975E-02	0.42203E-06
6	0.11209E-02	0.45940E-02	0.34637E-06
7	0.88847E-03	0.36413E-02	0.27454E-06
8	0.66226E-03	0.27142E-02	0.20464E-06
9	0.44057E-03	0.18056E-02	0.13614E-06
10	0.22189E-03	0.90937E-03	0.68563E-07

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0598	4.3434	0.32747E-03
2	0.59719E-01	0.24475	0.18453E-04
3	0.47688E-02	0.19544E-01	0.14736E-05
4	0.18107E-02	0.74208E-02	0.55950E-06
5	0.14278E-02	0.58518E-02	0.44120E-06
6	0.11719E-02	0.48028E-02	0.36211E-06
7	0.92893E-03	0.38071E-02	0.28704E-06
8	0.69248E-03	0.28380E-02	0.21398E-06
9	0.46074E-03	0.18883E-02	0.14237E-06
10	0.23211E-03	0.95127E-03	0.71722E-07

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0785	4.4202	0.33327E-03
2	0.61605E-01	0.25248	0.19036E-04
3	0.49755E-02	0.20391E-01	0.15374E-05
4	0.18912E-02	0.77509E-02	0.58439E-06
5	0.14906E-02	0.61089E-02	0.46059E-06
6	0.12234E-02	0.50139E-02	0.37803E-06
7	0.96986E-03	0.39748E-02	0.29969E-06
8	0.72306E-03	0.29634E-02	0.22343E-06
9	0.48114E-03	0.19719E-02	0.14867E-06
10	0.24246E-03	0.99370E-03	0.74922E-07

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0969	4.4956	0.33895E-03
2	0.63493E-01	0.26022	0.19620E-04
3	0.51850E-02	0.21250E-01	0.16022E-05
4	0.19727E-02	0.80850E-02	0.60958E-06
5	0.15540E-02	0.63688E-02	0.48019E-06
6	0.12755E-02	0.52274E-02	0.39413E-06
7	0.10112E-02	0.41444E-02	0.31247E-06
8	0.75398E-03	0.30901E-02	0.23298E-06
9	0.50178E-03	0.20565E-02	0.15505E-06
10	0.25294E-03	0.10366E-02	0.78159E-07

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1150	4.5695	0.34452E-03
2	0.65382E-01	0.26796	0.20203E-04
3	0.53970E-02	0.22119E-01	0.16677E-05
4	0.20552E-02	0.84229E-02	0.63506E-06
5	0.16181E-02	0.66314E-02	0.49998E-06
6	0.13281E-02	0.54431E-02	0.41039E-06
7	0.10530E-02	0.43157E-02	0.32539E-06
8	0.78522E-03	0.32181E-02	0.24264E-06
9	0.52264E-03	0.21420E-02	0.16150E-06
10	0.26353E-03	0.10801E-02	0.81432E-07

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1326	4.6420	0.34999E-03
2	0.67271E-01	0.27570	0.20787E-04
3	0.56116E-02	0.22998E-01	0.17340E-05
4	0.21385E-02	0.87644E-02	0.66081E-06
5	0.16827E-02	0.68965E-02	0.51997E-06
6	0.13812E-02	0.56607E-02	0.42680E-06
7	0.10952E-02	0.44887E-02	0.33843E-06
8	0.81678E-03	0.33474E-02	0.25239E-06
9	0.54371E-03	0.22283E-02	0.16801E-06
10	0.27424E-03	0.11239E-02	0.84740E-07

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1500	4.7131	0.35535E-03
2	0.69160E-01	0.28344	0.21370E-04
3	0.58286E-02	0.23888E-01	0.18011E-05
4	0.22227E-02	0.91094E-02	0.68681E-06
5	0.17480E-02	0.71639E-02	0.54014E-06
6	0.14348E-02	0.58804E-02	0.44336E-06
7	0.11378E-02	0.46633E-02	0.35159E-06
8	0.84862E-03	0.34779E-02	0.26222E-06
9	0.56498E-03	0.23155E-02	0.17458E-06
10	0.28505E-03	0.11682E-02	0.88080E-07

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1670	4.7829	0.36061E-03
2	0.71047E-01	0.29117	0.21954E-04
3	0.60480E-02	0.24787E-01	0.18688E-05
4	0.23077E-02	0.94576E-02	0.71307E-06
5	0.18138E-02	0.74336E-02	0.56047E-06
6	0.14889E-02	0.61019E-02	0.46006E-06
7	0.11808E-02	0.48393E-02	0.36487E-06
8	0.88074E-03	0.36096E-02	0.27215E-06
9	0.58644E-03	0.24034E-02	0.18121E-06
10	0.29596E-03	0.12129E-02	0.91452E-07

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.1837	4.8514	0.36578E-03
2	0.72932E-01	0.29890	0.22536E-04
3	0.62696E-02	0.25695E-01	0.19373E-05
4	0.23934E-02	0.98090E-02	0.73956E-06
5	0.18801E-02	0.77054E-02	0.58096E-06
6	0.15433E-02	0.63251E-02	0.47689E-06
7	0.12241E-02	0.50167E-02	0.37824E-06
8	0.91312E-03	0.37423E-02	0.28215E-06
9	0.60807E-03	0.24921E-02	0.18790E-06
10	0.30697E-03	0.12581E-02	0.94853E-07

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2001	4.9185	0.37084E-03
2	0.74814E-01	0.30662	0.23118E-04
3	0.64933E-02	0.26612E-01	0.20064E-05
4	0.24799E-02	0.10163E-01	0.76628E-06
5	0.19469E-02	0.79792E-02	0.60160E-06
6	0.15982E-02	0.65499E-02	0.49384E-06
7	0.12677E-02	0.51955E-02	0.39172E-06
8	0.94574E-03	0.38760E-02	0.29224E-06
9	0.62988E-03	0.25815E-02	0.19463E-06
10	0.31807E-03	0.13036E-02	0.98283E-07

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2162	4.9844	0.37580E-03
2	0.76694E-01	0.31432	0.23699E-04
3	0.67191E-02	0.27537E-01	0.20762E-05
4	0.25670E-02	0.10521E-01	0.79321E-06
5	0.20142E-02	0.82549E-02	0.62239E-06
6	0.16534E-02	0.67763E-02	0.51091E-06
7	0.13116E-02	0.53755E-02	0.40529E-06
8	0.97860E-03	0.40106E-02	0.30239E-06
9	0.65184E-03	0.26715E-02	0.20142E-06
10	0.32925E-03	0.13494E-02	0.10174E-06

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2320	5.0490	0.38068E-03
2	0.78570E-01	0.32201	0.24278E-04
3	0.69468E-02	0.28470E-01	0.21466E-05
4	0.26548E-02	0.10880E-01	0.82035E-06
5	0.20819E-02	0.85322E-02	0.64330E-06
6	0.17090E-02	0.70041E-02	0.52808E-06
7	0.13558E-02	0.55567E-02	0.41895E-06
8	0.10117E-02	0.41462E-02	0.31261E-06
9	0.67395E-03	0.27621E-02	0.20825E-06
10	0.34052E-03	0.13956E-02	0.10522E-06

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2474	5.1124	0.38545E-03
2	0.80441E-01	0.32968	0.24857E-04
3	0.71764E-02	0.29412E-01	0.22175E-05
4	0.27433E-02	0.11243E-01	0.84767E-06
5	0.21499E-02	0.88113E-02	0.66434E-06
6	0.17649E-02	0.72332E-02	0.54536E-06
7	0.14003E-02	0.57389E-02	0.43269E-06
8	0.10449E-02	0.42826E-02	0.32289E-06
9	0.69621E-03	0.28533E-02	0.21513E-06
10	0.35186E-03	0.14421E-02	0.10873E-06

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.2626	5.1745	0.39014E-03
2	0.82308E-01	0.33733	0.25433E-04
3	0.74078E-02	0.30360E-01	0.22890E-05
4	0.28323E-02	0.11608E-01	0.87518E-06
5	0.22184E-02	0.90918E-02	0.68549E-06
6	0.18211E-02	0.74636E-02	0.56273E-06
7	0.14450E-02	0.59222E-02	0.44651E-06
8	0.10784E-02	0.44197E-02	0.33323E-06
9	0.71860E-03	0.29451E-02	0.22205E-06
10	0.36328E-03	0.14888E-02	0.11225E-06

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
 |                  (USEPA Contractors)                        |
 |        Center for Subsurface Modeling Support               |
 |        Robert S. Kerr Environmental Research Laboratory     |
 |        U.S. Environmental Protection Agency                 |
 |        P.O. Box 1198                                        |
 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.

Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 350.00 ml/g, 0.12360E-01cu.ft./g
Kh = 0.24400 (dimensionless).
Aqueous solubility = 106.00 mg/l, 3.0016 g/cu.ft
Free air diffusion coefficient = .62200 sq. m/day, 2443.8 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.1500
Organic carbon content = 0.00610000
Recharge Rate = 0.01658000 ft/yr
Conc. in recharge water = 2940.0 mg/l, 83.252 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

4.2 Xileno Medio

Benceno Barranquilla
1
1 50 1 1
350 0.244 106 0.622
Polygon1
1290 2.3 0.16839 1.62 0.41 0.2 0.0061
3218 0 0
10Y 50
10 10 0

```
|-------------------------------------------------------------|
|                 VLEACH (Version 2.2a, 1996)                 |
|                                                             |
|                            By:                              |
|        Varadhan Ravi and Jeffrey A. Johnson                 |
|                  (USEPA Contractors)                        |
|        Center for Subsurface Modeling Support               |
|        Robert S. Kerr Environmental Research Laboratory     |
|        U.S. Environmental Protection Agency                 |
|        P.O. Box 1198                                        |
|        Ada, OK 74820                                        |
|                                                             |
|        Based on the original VLEACH (version 1.0)           |
|        developed by CH2M Hill, Redding, California          |
|        for USEPA Region IX                                  |
|-------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.

Polygon 1
At time = 1.00, total mass in vadose zone = 15.344 g/sq.ft.
Mass in gas phase = 0.21193 g/sq.ft.
Mass in liquid phase = 0.82720 g/sq.ft.
Mass sorbed = 14.305 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 15.344 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.12058E-06g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 15.344 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 15.344 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.12058E-06g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 15.344 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Polygon 1
At time = 2.00, total mass in vadose zone = 30.491 g/sq.ft.
Mass in gas phase = 0.42113 g/sq.ft.
Mass in liquid phase = 1.6438 g/sq.ft.
Mass sorbed = 28.426 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 15.147 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.23047E-06g/sq.ft.
Diffusion in from atmosphere = -0.17982 g/sq.ft.
Diffusion in from water table = -0.17572E-01g/sq.ft.

Total inflow at boundaries = 15.147 g/sq.ft.
Mass discrepancy = 0.95367E-06g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 30.491 g/sq.ft.
Advection in from atmosphere = 30.689 g/sq.ft.
Advection in from water table = -0.35105E-06g/sq.ft.
Diffusion in from atmosphere = -0.17982 g/sq.ft.
Diffusion in from water table = -0.17572E-01g/sq.ft.
Total inflow at boundaries = 30.491 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 3.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 3.00, total mass in vadose zone = 45.444 g/sq.ft.
Mass in gas phase = 0.62765 g/sq.ft.
Mass in liquid phase = 2.4498 g/sq.ft.
Mass sorbed = 42.366 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 14.952 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.60940E-05g/sq.ft.
Diffusion in from atmosphere = -0.35680 g/sq.ft.
Diffusion in from water table = -0.35261E-01g/sq.ft.
Total inflow at boundaries = 14.952 g/sq.ft.
Mass discrepancy = 0.95367E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 45.444 g/sq.ft.
Advection in from atmosphere = 46.033 g/sq.ft.
Advection in from water table = -0.64450E-05g/sq.ft.
Diffusion in from atmosphere = -0.53662 g/sq.ft.
Diffusion in from water table = -0.52832E-01g/sq.ft.
Total inflow at boundaries = 45.444 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 4.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 4.00, total mass in vadose zone = 60.204 g/sq.ft.
Mass in gas phase = 0.83151 g/sq.ft.
Mass in liquid phase = 3.2456 g/sq.ft.
Mass sorbed = 56.127 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 14.760 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.17776E-04g/sq.ft.
Diffusion in from atmosphere = -0.53097 g/sq.ft.
Diffusion in from water table = -0.53061E-01g/sq.ft.
Total inflow at boundaries = 14.760 g/sq.ft.
Mass discrepancy = -0.10490E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 60.204 g/sq.ft.
Advection in from atmosphere = 61.378 g/sq.ft.
Advection in from water table = -0.24221E-04g/sq.ft.
Diffusion in from atmosphere = -1.0676 g/sq.ft.
Diffusion in from water table = -0.10589 g/sq.ft.
Total inflow at boundaries = 60.204 g/sq.ft.
Mass discrepancy = 0.38147E-05g/sq.ft.
WARNING!!! At time = 5.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 5.00, total mass in vadose zone = 74.775 g/sq.ft.
Mass in gas phase = 1.0328 g/sq.ft.
Mass in liquid phase = 4.0311 g/sq.ft.
Mass sorbed = 69.711 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 14.571 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.35338E-04g/sq.ft.
Diffusion in from atmosphere = -0.70239 g/sq.ft.
Diffusion in from water table = -0.70969E-01g/sq.ft.
Total inflow at boundaries = 14.571 g/sq.ft.
Mass discrepancy = 0.19073E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 74.775 g/sq.ft.
Advection in from atmosphere = 76.722 g/sq.ft.
Advection in from water table = -0.59559E-04g/sq.ft.
Diffusion in from atmosphere = -1.7700 g/sq.ft.
Diffusion in from water table = -0.17686 g/sq.ft.
Total inflow at boundaries = 74.775 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 6.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 6.00, total mass in vadose zone = 89.159 g/sq.ft.
Mass in gas phase = 1.2314 g/sq.ft.
Mass in liquid phase = 4.8065 g/sq.ft.
Mass sorbed = 83.121 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 14.384 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.58841E-04g/sq.ft.
Diffusion in from atmosphere = -0.87109 g/sq.ft.
Diffusion in from water table = -0.88979E-01g/sq.ft.
Total inflow at boundaries = 14.384 g/sq.ft.
Mass discrepancy = -0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 89.159 g/sq.ft.
Advection in from atmosphere = 92.066 g/sq.ft.
Advection in from water table = -0.11840E-03g/sq.ft.
Diffusion in from atmosphere = -2.6411 g/sq.ft.
Diffusion in from water table = -0.26584 g/sq.ft.
Total inflow at boundaries = 89.159 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.
WARNING!!! At time = 7.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 7.00, total mass in vadose zone = 103.36 g/sq.ft.
Mass in gas phase = 1.4276 g/sq.ft.
Mass in liquid phase = 5.5720 g/sq.ft.
Mass sorbed = 96.360 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 14.200 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.88344E-04g/sq.ft.
Diffusion in from atmosphere = -1.0371 g/sq.ft.
Diffusion in from water table = -0.10709 g/sq.ft.
Total inflow at boundaries = 14.200 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 103.36 g/sq.ft.
Advection in from atmosphere = 107.41 g/sq.ft.
Advection in from water table = -0.20674E-03g/sq.ft.

Diffusion in from atmosphere = -3.6782 g/sq.ft.
Diffusion in from water table = -0.37293 g/sq.ft.
Total inflow at boundaries = 103.36 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.
WARNING!!! At time = 8.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 8.00, total mass in vadose zone = 117.38 g/sq.ft.
Mass in gas phase = 1.6212 g/sq.ft.
Mass in liquid phase = 6.3277 g/sq.ft.
Mass sorbed = 109.43 g/sq.ft.

Since last printout at time = 7.00
Change in Total Mass = 14.018 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.12390E-03g/sq.ft.
Diffusion in from atmosphere = -1.2005 g/sq.ft.
Diffusion in from water table = -0.12529 g/sq.ft.
Total inflow at boundaries = 14.018 g/sq.ft.
Mass discrepancy = 0.13351E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 117.38 g/sq.ft.
Advection in from atmosphere = 122.76 g/sq.ft.
Advection in from water table = -0.33065E-03g/sq.ft.
Diffusion in from atmosphere = -4.8787 g/sq.ft.
Diffusion in from water table = -0.49821 g/sq.ft.
Total inflow at boundaries = 117.38 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.
WARNING!!! At time = 9.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 9.00, total mass in vadose zone = 131.22 g/sq.ft.
Mass in gas phase = 1.8123 g/sq.ft.
Mass in liquid phase = 7.0738 g/sq.ft.
Mass sorbed = 122.33 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 13.839 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.16557E-03g/sq.ft.
Diffusion in from atmosphere = -1.3614 g/sq.ft.
Diffusion in from water table = -0.14357 g/sq.ft.
Total inflow at boundaries = 13.839 g/sq.ft.

Mass discrepancy = -0.19073E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 131.22 g/sq.ft.
Advection in from atmosphere = 138.10 g/sq.ft.
Advection in from water table = -0.49622E-03g/sq.ft.
Diffusion in from atmosphere = -6.2401 g/sq.ft.
Diffusion in from water table = -0.64179 g/sq.ft.
Total inflow at boundaries = 131.22 g/sq.ft.
Mass discrepancy = -0.15259E-04g/sq.ft.
WARNING!!! At time = 10.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 10.00, total mass in vadose zone = 144.88 g/sq.ft.
Mass in gas phase = 2.0010 g/sq.ft.
Mass in liquid phase = 7.8104 g/sq.ft.
Mass sorbed = 135.07 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 13.663 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.21340E-03g/sq.ft.
Diffusion in from atmosphere = -1.5197 g/sq.ft.
Diffusion in from water table = -0.16195 g/sq.ft.
Total inflow at boundaries = 13.663 g/sq.ft.
Mass discrepancy = 0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 144.88 g/sq.ft.
Advection in from atmosphere = 153.44 g/sq.ft.
Advection in from water table = -0.70961E-03g/sq.ft.
Diffusion in from atmosphere = -7.7597 g/sq.ft.
Diffusion in from water table = -0.80373 g/sq.ft.
Total inflow at boundaries = 144.88 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 11.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 11.00, total mass in vadose zone = 158.37 g/sq.ft.
Mass in gas phase = 2.1873 g/sq.ft.
Mass in liquid phase = 8.5375 g/sq.ft.
Mass sorbed = 147.64 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 13.488 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.26744E-03g/sq.ft.
Diffusion in from atmosphere = -1.6754 g/sq.ft.
Diffusion in from water table = -0.18040 g/sq.ft.
Total inflow at boundaries = 13.488 g/sq.ft.
Mass discrepancy = -0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 158.37 g/sq.ft.
Advection in from atmosphere = 168.79 g/sq.ft.
Advection in from water table = -0.97706E-03g/sq.ft.
Diffusion in from atmosphere = -9.4352 g/sq.ft.
Diffusion in from water table = -0.98413 g/sq.ft.
Total inflow at boundaries = 158.37 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 12.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 12.00, total mass in vadose zone = 171.68 g/sq.ft.
Mass in gas phase = 2.3712 g/sq.ft.
Mass in liquid phase = 9.2554 g/sq.ft.
Mass sorbed = 160.06 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 13.316 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.32775E-03g/sq.ft.
Diffusion in from atmosphere = -1.8288 g/sq.ft.
Diffusion in from water table = -0.19892 g/sq.ft.
Total inflow at boundaries = 13.316 g/sq.ft.
Mass discrepancy = 0.24796E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 171.68 g/sq.ft.
Advection in from atmosphere = 184.13 g/sq.ft.
Advection in from water table = -0.13048E-02g/sq.ft.
Diffusion in from atmosphere = -11.264 g/sq.ft.
Diffusion in from water table = -1.1830 g/sq.ft.
Total inflow at boundaries = 171.68 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 13.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 13.00, total mass in vadose zone = 184.83 g/sq.ft.
Mass in gas phase = 2.5528 g/sq.ft.
Mass in liquid phase = 9.9641 g/sq.ft.
Mass sorbed = 172.31 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 13.147 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.39437E-03g/sq.ft.
Diffusion in from atmosphere = -1.9797 g/sq.ft.
Diffusion in from water table = -0.21752 g/sq.ft.
Total inflow at boundaries = 13.147 g/sq.ft.
Mass discrepancy = -0.19073E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 184.83 g/sq.ft.
Advection in from atmosphere = 199.48 g/sq.ft.
Advection in from water table = -0.16992E-02g/sq.ft.
Diffusion in from atmosphere = -13.244 g/sq.ft.
Diffusion in from water table = -1.4006 g/sq.ft.
Total inflow at boundaries = 184.83 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 14.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 14.00, total mass in vadose zone = 197.81 g/sq.ft.
Mass in gas phase = 2.7321 g/sq.ft.
Mass in liquid phase = 10.664 g/sq.ft.
Mass sorbed = 184.41 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 12.980 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.46734E-03g/sq.ft.
Diffusion in from atmosphere = -2.1282 g/sq.ft.
Diffusion in from water table = -0.23618 g/sq.ft.
Total inflow at boundaries = 12.980 g/sq.ft.
Mass discrepancy = 0.24796E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 197.81 g/sq.ft.
Advection in from atmosphere = 214.82 g/sq.ft.
Advection in from water table = -0.21665E-02g/sq.ft.

Diffusion in from atmosphere = -15.372 g/sq.ft.
Diffusion in from water table = -1.6367 g/sq.ft.
Total inflow at boundaries = 197.81 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 15.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 15.00, total mass in vadose zone = 210.63 g/sq.ft.
Mass in gas phase = 2.9091 g/sq.ft.
Mass in liquid phase = 11.355 g/sq.ft.
Mass sorbed = 196.36 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 12.815 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.54671E-03g/sq.ft.
Diffusion in from atmosphere = -2.2744 g/sq.ft.
Diffusion in from water table = -0.25491 g/sq.ft.
Total inflow at boundaries = 12.815 g/sq.ft.
Mass discrepancy = -0.21935E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 210.63 g/sq.ft.
Advection in from atmosphere = 230.17 g/sq.ft.
Advection in from water table = -0.27132E-02g/sq.ft.
Diffusion in from atmosphere = -17.646 g/sq.ft.
Diffusion in from water table = -1.8917 g/sq.ft.
Total inflow at boundaries = 210.63 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.
WARNING!!! At time = 16.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 16.00, total mass in vadose zone = 223.28 g/sq.ft.
Mass in gas phase = 3.0838 g/sq.ft.
Mass in liquid phase = 12.037 g/sq.ft.
Mass sorbed = 208.16 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 12.652 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.63253E-03g/sq.ft.
Diffusion in from atmosphere = -2.4183 g/sq.ft.
Diffusion in from water table = -0.27369 g/sq.ft.
Total inflow at boundaries = 12.652 g/sq.ft.

Mass discrepancy = 0.25749E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 223.28 g/sq.ft.
Advection in from atmosphere = 245.51 g/sq.ft.
Advection in from water table = -0.33458E-02g/sq.ft.
Diffusion in from atmosphere = -20.065 g/sq.ft.
Diffusion in from water table = -2.1653 g/sq.ft.
Total inflow at boundaries = 223.28 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 17.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 17.00, total mass in vadose zone = 235.77 g/sq.ft.
Mass in gas phase = 3.2563 g/sq.ft.
Mass in liquid phase = 12.710 g/sq.ft.
Mass sorbed = 219.80 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 12.491 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.72484E-03g/sq.ft.
Diffusion in from atmosphere = -2.5599 g/sq.ft.
Diffusion in from water table = -0.29253 g/sq.ft.
Total inflow at boundaries = 12.491 g/sq.ft.
Mass discrepancy = 0.18120E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 235.77 g/sq.ft.
Advection in from atmosphere = 260.85 g/sq.ft.
Advection in from water table = -0.40706E-02g/sq.ft.
Diffusion in from atmosphere = -22.624 g/sq.ft.
Diffusion in from water table = -2.4579 g/sq.ft.
Total inflow at boundaries = 235.77 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 18.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 18.00, total mass in vadose zone = 248.10 g/sq.ft.
Mass in gas phase = 3.4267 g/sq.ft.
Mass in liquid phase = 13.375 g/sq.ft.
Mass sorbed = 231.30 g/sq.ft.

Since last printout at time = 17.00

Change in Total Mass = 12.333 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.82367E-03g/sq.ft.
Diffusion in from atmosphere = -2.6993 g/sq.ft.
Diffusion in from water table = -0.31142 g/sq.ft.
Total inflow at boundaries = 12.333 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 248.10 g/sq.ft.
Advection in from atmosphere = 276.20 g/sq.ft.
Advection in from water table = -0.48943E-02g/sq.ft.
Diffusion in from atmosphere = -25.324 g/sq.ft.
Diffusion in from water table = -2.7693 g/sq.ft.
Total inflow at boundaries = 248.10 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 19.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 19.00, total mass in vadose zone = 260.28 g/sq.ft.
Mass in gas phase = 3.5948 g/sq.ft.
Mass in liquid phase = 14.031 g/sq.ft.
Mass sorbed = 242.65 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 12.177 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.92907E-03g/sq.ft.
Diffusion in from atmosphere = -2.8365 g/sq.ft.
Diffusion in from water table = -0.33036 g/sq.ft.
Total inflow at boundaries = 12.177 g/sq.ft.
Mass discrepancy = 0.31471E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 260.28 g/sq.ft.
Advection in from atmosphere = 291.54 g/sq.ft.
Advection in from water table = -0.58233E-02g/sq.ft.
Diffusion in from atmosphere = -28.160 g/sq.ft.
Diffusion in from water table = -3.0997 g/sq.ft.
Total inflow at boundaries = 260.28 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 20.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 20.00, total mass in vadose zone = 272.30 g/sq.ft.
Mass in gas phase = 3.7609 g/sq.ft.
Mass in liquid phase = 14.680 g/sq.ft.
Mass sorbed = 253.86 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 12.023 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.10411E-02g/sq.ft.
Diffusion in from atmosphere = -2.9715 g/sq.ft.
Diffusion in from water table = -0.34934 g/sq.ft.
Total inflow at boundaries = 12.023 g/sq.ft.
Mass discrepancy = 0.85831E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 272.30 g/sq.ft.
Advection in from atmosphere = 306.89 g/sq.ft.
Advection in from water table = -0.68644E-02g/sq.ft.
Diffusion in from atmosphere = -31.132 g/sq.ft.
Diffusion in from water table = -3.4490 g/sq.ft.
Total inflow at boundaries = 272.30 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 21.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 21.00, total mass in vadose zone = 284.17 g/sq.ft.
Mass in gas phase = 3.9248 g/sq.ft.
Mass in liquid phase = 15.319 g/sq.ft.
Mass sorbed = 264.93 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 11.870 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.11597E-02g/sq.ft.
Diffusion in from atmosphere = -3.1044 g/sq.ft.
Diffusion in from water table = -0.36836 g/sq.ft.
Total inflow at boundaries = 11.870 g/sq.ft.
Mass discrepancy = -0.17166E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 284.17 g/sq.ft.
Advection in from atmosphere = 322.23 g/sq.ft.
Advection in from water table = -0.80241E-02g/sq.ft.

Diffusion in from atmosphere = -34.236 g/sq.ft.
Diffusion in from water table = -3.8174 g/sq.ft.
Total inflow at boundaries = 284.17 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 22.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 22.00, total mass in vadose zone = 295.89 g/sq.ft.
Mass in gas phase = 4.0867 g/sq.ft.
Mass in liquid phase = 15.951 g/sq.ft.
Mass sorbed = 275.85 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 11.720 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.12851E-02g/sq.ft.
Diffusion in from atmosphere = -3.2352 g/sq.ft.
Diffusion in from water table = -0.38742 g/sq.ft.
Total inflow at boundaries = 11.720 g/sq.ft.
Mass discrepancy = -0.16212E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 295.89 g/sq.ft.
Advection in from atmosphere = 337.58 g/sq.ft.
Advection in from water table = -0.93092E-02g/sq.ft.
Diffusion in from atmosphere = -37.471 g/sq.ft.
Diffusion in from water table = -4.2048 g/sq.ft.
Total inflow at boundaries = 295.89 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 23.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 23.00, total mass in vadose zone = 307.46 g/sq.ft.
Mass in gas phase = 4.2466 g/sq.ft.
Mass in liquid phase = 16.575 g/sq.ft.
Mass sorbed = 286.64 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 11.573 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.14171E-02g/sq.ft.
Diffusion in from atmosphere = -3.3640 g/sq.ft.
Diffusion in from water table = -0.40651 g/sq.ft.
Total inflow at boundaries = 11.572 g/sq.ft.

Mass discrepancy = 0.42915E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 307.46 g/sq.ft.
Advection in from atmosphere = 352.92 g/sq.ft.
Advection in from water table = -0.10726E-01g/sq.ft.
Diffusion in from atmosphere = -40.835 g/sq.ft.
Diffusion in from water table = -4.6113 g/sq.ft.
Total inflow at boundaries = 307.46 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 318.89 g/sq.ft.
Mass in gas phase = 4.4044 g/sq.ft.
Mass in liquid phase = 17.191 g/sq.ft.
Mass sorbed = 297.29 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 11.427 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.15559E-02g/sq.ft.
Diffusion in from atmosphere = -3.4907 g/sq.ft.
Diffusion in from water table = -0.42563 g/sq.ft.
Total inflow at boundaries = 11.427 g/sq.ft.
Mass discrepancy = 0.57220E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 318.89 g/sq.ft.
Advection in from atmosphere = 368.27 g/sq.ft.
Advection in from water table = -0.12282E-01g/sq.ft.
Diffusion in from atmosphere = -44.326 g/sq.ft.
Diffusion in from water table = -5.0369 g/sq.ft.
Total inflow at boundaries = 318.89 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 330.17 g/sq.ft.
Mass in gas phase = 4.5602 g/sq.ft.
Mass in liquid phase = 17.799 g/sq.ft.
Mass sorbed = 307.81 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 11.283 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.17015E-02g/sq.ft.
Diffusion in from atmosphere = -3.6154 g/sq.ft.
Diffusion in from water table = -0.44478 g/sq.ft.
Total inflow at boundaries = 11.282 g/sq.ft.
Mass discrepancy = 0.55313E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 330.17 g/sq.ft.
Advection in from atmosphere = 383.61 g/sq.ft.
Advection in from water table = -0.13984E-01g/sq.ft.
Diffusion in from atmosphere = -47.941 g/sq.ft.
Diffusion in from water table = -5.4817 g/sq.ft.
Total inflow at boundaries = 330.17 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 341.31 g/sq.ft.
Mass in gas phase = 4.7141 g/sq.ft.
Mass in liquid phase = 18.400 g/sq.ft.
Mass sorbed = 318.20 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 11.140 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.18539E-02g/sq.ft.
Diffusion in from atmosphere = -3.7382 g/sq.ft.
Diffusion in from water table = -0.46395 g/sq.ft.
Total inflow at boundaries = 11.140 g/sq.ft.
Mass discrepancy = 0.47684E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 341.31 g/sq.ft.
Advection in from atmosphere = 398.95 g/sq.ft.
Advection in from water table = -0.15838E-01g/sq.ft.
Diffusion in from atmosphere = -51.680 g/sq.ft.
Diffusion in from water table = -5.9457 g/sq.ft.
Total inflow at boundaries = 341.31 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 352.31 g/sq.ft.
Mass in gas phase = 4.8660 g/sq.ft.
Mass in liquid phase = 18.993 g/sq.ft.
Mass sorbed = 328.45 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 11.000 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.20131E-02g/sq.ft.
Diffusion in from atmosphere = -3.8591 g/sq.ft.
Diffusion in from water table = -0.48314 g/sq.ft.
Total inflow at boundaries = 11.000 g/sq.ft.
Mass discrepancy = -0.54359E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 352.31 g/sq.ft.
Advection in from atmosphere = 414.30 g/sq.ft.
Advection in from water table = -0.17851E-01g/sq.ft.
Diffusion in from atmosphere = -55.539 g/sq.ft.
Diffusion in from water table = -6.4288 g/sq.ft.
Total inflow at boundaries = 352.31 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 363.18 g/sq.ft.
Mass in gas phase = 5.0160 g/sq.ft.
Mass in liquid phase = 19.578 g/sq.ft.
Mass sorbed = 338.58 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 10.862 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.21793E-02g/sq.ft.
Diffusion in from atmosphere = -3.9780 g/sq.ft.
Diffusion in from water table = -0.50235 g/sq.ft.
Total inflow at boundaries = 10.862 g/sq.ft.
Mass discrepancy = 0.57220E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 363.18 g/sq.ft.
Advection in from atmosphere = 429.64 g/sq.ft.
Advection in from water table = -0.20030E-01g/sq.ft.

Diffusion in from atmosphere = -59.517 g/sq.ft.
Diffusion in from water table = -6.9311 g/sq.ft.
Total inflow at boundaries = 363.18 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 373.90 g/sq.ft.
Mass in gas phase = 5.1641 g/sq.ft.
Mass in liquid phase = 20.157 g/sq.ft.
Mass sorbed = 348.58 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 10.725 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.23523E-02g/sq.ft.
Diffusion in from atmosphere = -4.0951 g/sq.ft.
Diffusion in from water table = -0.52157 g/sq.ft.
Total inflow at boundaries = 10.725 g/sq.ft.
Mass discrepancy = 0.31471E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 373.90 g/sq.ft.
Advection in from atmosphere = 444.99 g/sq.ft.
Advection in from water table = -0.22382E-01g/sq.ft.
Diffusion in from atmosphere = -63.612 g/sq.ft.
Diffusion in from water table = -7.4527 g/sq.ft.
Total inflow at boundaries = 373.90 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 384.49 g/sq.ft.
Mass in gas phase = 5.3104 g/sq.ft.
Mass in liquid phase = 20.728 g/sq.ft.
Mass sorbed = 358.45 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 10.591 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.25323E-02g/sq.ft.
Diffusion in from atmosphere = -4.2103 g/sq.ft.
Diffusion in from water table = -0.54081 g/sq.ft.
Total inflow at boundaries = 10.591 g/sq.ft.

Mass discrepancy = 0.17166E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 384.49 g/sq.ft.
Advection in from atmosphere = 460.33 g/sq.ft.
Advection in from water table = -0.24915E-01g/sq.ft.
Diffusion in from atmosphere = -67.822 g/sq.ft.
Diffusion in from water table = -7.9935 g/sq.ft.
Total inflow at boundaries = 384.49 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 394.95 g/sq.ft.
Mass in gas phase = 5.4549 g/sq.ft.
Mass in liquid phase = 21.291 g/sq.ft.
Mass sorbed = 368.20 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 10.458 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.27193E-02g/sq.ft.
Diffusion in from atmosphere = -4.3238 g/sq.ft.
Diffusion in from water table = -0.56005 g/sq.ft.
Total inflow at boundaries = 10.458 g/sq.ft.
Mass discrepancy = 0.10490E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 394.95 g/sq.ft.
Advection in from atmosphere = 475.68 g/sq.ft.
Advection in from water table = -0.27634E-01g/sq.ft.
Diffusion in from atmosphere = -72.146 g/sq.ft.
Diffusion in from water table = -8.5536 g/sq.ft.
Total inflow at boundaries = 394.95 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 405.28 g/sq.ft.
Mass in gas phase = 5.5975 g/sq.ft.
Mass in liquid phase = 21.848 g/sq.ft.
Mass sorbed = 377.83 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 10.327 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.29132E-02g/sq.ft.
Diffusion in from atmosphere = -4.4354 g/sq.ft.
Diffusion in from water table = -0.57930 g/sq.ft.
Total inflow at boundaries = 10.327 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 405.28 g/sq.ft.
Advection in from atmosphere = 491.02 g/sq.ft.
Advection in from water table = -0.30547E-01g/sq.ft.
Diffusion in from atmosphere = -76.581 g/sq.ft.
Diffusion in from water table = -9.1329 g/sq.ft.
Total inflow at boundaries = 405.28 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 415.47 g/sq.ft.
Mass in gas phase = 5.7383 g/sq.ft.
Mass in liquid phase = 22.398 g/sq.ft.
Mass sorbed = 387.34 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 10.197 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.31142E-02g/sq.ft.
Diffusion in from atmosphere = -4.5453 g/sq.ft.
Diffusion in from water table = -0.59855 g/sq.ft.
Total inflow at boundaries = 10.197 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 415.47 g/sq.ft.
Advection in from atmosphere = 506.36 g/sq.ft.
Advection in from water table = -0.33661E-01g/sq.ft.
Diffusion in from atmosphere = -81.127 g/sq.ft.
Diffusion in from water table = -9.7314 g/sq.ft.
Total inflow at boundaries = 415.47 g/sq.ft.
Mass discrepancy = 0.21362E-03g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 425.54 g/sq.ft.
Mass in gas phase = 5.8774 g/sq.ft.
Mass in liquid phase = 22.941 g/sq.ft.
Mass sorbed = 396.73 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 10.070 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.33223E-02g/sq.ft.
Diffusion in from atmosphere = -4.6535 g/sq.ft.
Diffusion in from water table = -0.61780 g/sq.ft.
Total inflow at boundaries = 10.070 g/sq.ft.
Mass discrepancy = 0.51498E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 425.54 g/sq.ft.
Advection in from atmosphere = 521.71 g/sq.ft.
Advection in from water table = -0.36984E-01g/sq.ft.
Diffusion in from atmosphere = -85.780 g/sq.ft.
Diffusion in from water table = -10.349 g/sq.ft.
Total inflow at boundaries = 425.54 g/sq.ft.
Mass discrepancy = 0.30518E-03g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 435.49 g/sq.ft.
Mass in gas phase = 6.0147 g/sq.ft.
Mass in liquid phase = 23.477 g/sq.ft.
Mass sorbed = 406.00 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 9.9438 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.35374E-02g/sq.ft.
Diffusion in from atmosphere = -4.7600 g/sq.ft.
Diffusion in from water table = -0.63704 g/sq.ft.
Total inflow at boundaries = 9.9438 g/sq.ft.
Mass discrepancy = 0.28610E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 435.49 g/sq.ft.
Advection in from atmosphere = 537.05 g/sq.ft.
Advection in from water table = -0.40521E-01g/sq.ft.

Diffusion in from atmosphere = -90.540 g/sq.ft.
Diffusion in from water table = -10.986 g/sq.ft.
Total inflow at boundaries = 435.49 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 445.31 g/sq.ft.
Mass in gas phase = 6.1504 g/sq.ft.
Mass in liquid phase = 24.006 g/sq.ft.
Mass sorbed = 415.15 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 9.8195 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.37596E-02g/sq.ft.
Diffusion in from atmosphere = -4.8648 g/sq.ft.
Diffusion in from water table = -0.65629 g/sq.ft.
Total inflow at boundaries = 9.8195 g/sq.ft.
Mass discrepancy = -0.14305E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 445.31 g/sq.ft.
Advection in from atmosphere = 552.40 g/sq.ft.
Advection in from water table = -0.44281E-01g/sq.ft.
Diffusion in from atmosphere = -95.405 g/sq.ft.
Diffusion in from water table = -11.643 g/sq.ft.
Total inflow at boundaries = 445.31 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 455.00 g/sq.ft.
Mass in gas phase = 6.2843 g/sq.ft.
Mass in liquid phase = 24.529 g/sq.ft.
Mass sorbed = 424.19 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 9.6969 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.39890E-02g/sq.ft.
Diffusion in from atmosphere = -4.9680 g/sq.ft.
Diffusion in from water table = -0.67552 g/sq.ft.
Total inflow at boundaries = 9.6969 g/sq.ft.

Mass discrepancy = 0.41008E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 455.00 g/sq.ft.
Advection in from atmosphere = 567.74 g/sq.ft.
Advection in from water table = -0.48270E-01g/sq.ft.
Diffusion in from atmosphere = -100.37 g/sq.ft.
Diffusion in from water table = -12.318 g/sq.ft.
Total inflow at boundaries = 455.00 g/sq.ft.
Mass discrepancy = 0.42725E-03g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 464.58 g/sq.ft.
Mass in gas phase = 6.4166 g/sq.ft.
Mass in liquid phase = 25.045 g/sq.ft.
Mass sorbed = 433.12 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 9.5758 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.42255E-02g/sq.ft.
Diffusion in from atmosphere = -5.0696 g/sq.ft.
Diffusion in from water table = -0.69475 g/sq.ft.
Total inflow at boundaries = 9.5758 g/sq.ft.
Mass discrepancy = -0.26703E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 464.58 g/sq.ft.
Advection in from atmosphere = 583.09 g/sq.ft.
Advection in from water table = -0.52495E-01g/sq.ft.
Diffusion in from atmosphere = -105.44 g/sq.ft.
Diffusion in from water table = -13.013 g/sq.ft.
Total inflow at boundaries = 464.58 g/sq.ft.
Mass discrepancy = 0.42725E-03g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 474.04 g/sq.ft.
Mass in gas phase = 6.5472 g/sq.ft.
Mass in liquid phase = 25.555 g/sq.ft.
Mass sorbed = 441.93 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 9.4564 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.44693E-02g/sq.ft.
Diffusion in from atmosphere = -5.1696 g/sq.ft.
Diffusion in from water table = -0.71396 g/sq.ft.
Total inflow at boundaries = 9.4564 g/sq.ft.
Mass discrepancy = 0.20027E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 474.04 g/sq.ft.
Advection in from atmosphere = 598.43 g/sq.ft.
Advection in from water table = -0.56964E-01g/sq.ft.
Diffusion in from atmosphere = -110.61 g/sq.ft.
Diffusion in from water table = -13.727 g/sq.ft.
Total inflow at boundaries = 474.04 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 483.37 g/sq.ft.
Mass in gas phase = 6.6761 g/sq.ft.
Mass in liquid phase = 26.058 g/sq.ft.
Mass sorbed = 450.64 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 9.3386 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.47202E-02g/sq.ft.
Diffusion in from atmosphere = -5.2680 g/sq.ft.
Diffusion in from water table = -0.73316 g/sq.ft.
Total inflow at boundaries = 9.3385 g/sq.ft.
Mass discrepancy = 0.81062E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 483.37 g/sq.ft.
Advection in from atmosphere = 613.78 g/sq.ft.
Advection in from water table = -0.61685E-01g/sq.ft.
Diffusion in from atmosphere = -115.88 g/sq.ft.
Diffusion in from water table = -14.460 g/sq.ft.
Total inflow at boundaries = 483.37 g/sq.ft.
Mass discrepancy = 0.57983E-03g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 492.60 g/sq.ft.
Mass in gas phase = 6.8035 g/sq.ft.
Mass in liquid phase = 26.555 g/sq.ft.
Mass sorbed = 459.24 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 9.2223 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.49784E-02g/sq.ft.
Diffusion in from atmosphere = -5.3648 g/sq.ft.
Diffusion in from water table = -0.75234 g/sq.ft.
Total inflow at boundaries = 9.2222 g/sq.ft.
Mass discrepancy = 0.58174E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 492.60 g/sq.ft.
Advection in from atmosphere = 629.12 g/sq.ft.
Advection in from water table = -0.66663E-01g/sq.ft.
Diffusion in from atmosphere = -121.24 g/sq.ft.
Diffusion in from water table = -15.212 g/sq.ft.
Total inflow at boundaries = 492.60 g/sq.ft.
Mass discrepancy = 0.67139E-03g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 501.70 g/sq.ft.
Mass in gas phase = 6.9293 g/sq.ft.
Mass in liquid phase = 27.046 g/sq.ft.
Mass sorbed = 467.73 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 9.1075 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.52438E-02g/sq.ft.
Diffusion in from atmosphere = -5.4602 g/sq.ft.
Diffusion in from water table = -0.77150 g/sq.ft.
Total inflow at boundaries = 9.1075 g/sq.ft.
Mass discrepancy = 0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 501.70 g/sq.ft.
Advection in from atmosphere = 644.46 g/sq.ft.
Advection in from water table = -0.71907E-01g/sq.ft.

Diffusion in from atmosphere = -126.71 g/sq.ft.
Diffusion in from water table = -15.984 g/sq.ft.
Total inflow at boundaries = 501.70 g/sq.ft.
Mass discrepancy = 0.70190E-03g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 510.70 g/sq.ft.
Mass in gas phase = 7.0535 g/sq.ft.
Mass in liquid phase = 27.531 g/sq.ft.
Mass sorbed = 476.11 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 8.9942 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.55165E-02g/sq.ft.
Diffusion in from atmosphere = -5.5541 g/sq.ft.
Diffusion in from water table = -0.79064 g/sq.ft.
Total inflow at boundaries = 8.9942 g/sq.ft.
Mass discrepancy = -0.19073E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 510.70 g/sq.ft.
Advection in from atmosphere = 659.81 g/sq.ft.
Advection in from water table = -0.77423E-01g/sq.ft.
Diffusion in from atmosphere = -132.26 g/sq.ft.
Diffusion in from water table = -16.774 g/sq.ft.
Total inflow at boundaries = 510.70 g/sq.ft.
Mass discrepancy = 0.73242E-03g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 519.58 g/sq.ft.
Mass in gas phase = 7.1762 g/sq.ft.
Mass in liquid phase = 28.010 g/sq.ft.
Mass sorbed = 484.39 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 8.8824 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.57966E-02g/sq.ft.
Diffusion in from atmosphere = -5.6465 g/sq.ft.
Diffusion in from water table = -0.80976 g/sq.ft.
Total inflow at boundaries = 8.8824 g/sq.ft.

Mass discrepancy = 0.36240E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 519.58 g/sq.ft.
Advection in from atmosphere = 675.15 g/sq.ft.
Advection in from water table = -0.83220E-01g/sq.ft.
Diffusion in from atmosphere = -137.91 g/sq.ft.
Diffusion in from water table = -17.584 g/sq.ft.
Total inflow at boundaries = 519.58 g/sq.ft.
Mass discrepancy = 0.79346E-03g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 528.35 g/sq.ft.
Mass in gas phase = 7.2974 g/sq.ft.
Mass in liquid phase = 28.483 g/sq.ft.
Mass sorbed = 492.57 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 8.7722 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.60839E-02g/sq.ft.
Diffusion in from atmosphere = -5.7374 g/sq.ft.
Diffusion in from water table = -0.82885 g/sq.ft.
Total inflow at boundaries = 8.7720 g/sq.ft.
Mass discrepancy = 0.10777E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 528.35 g/sq.ft.
Advection in from atmosphere = 690.50 g/sq.ft.
Advection in from water table = -0.89304E-01g/sq.ft.
Diffusion in from atmosphere = -143.64 g/sq.ft.
Diffusion in from water table = -18.413 g/sq.ft.
Total inflow at boundaries = 528.35 g/sq.ft.
Mass discrepancy = 0.97656E-03g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 537.02 g/sq.ft.
Mass in gas phase = 7.4170 g/sq.ft.
Mass in liquid phase = 28.950 g/sq.ft.
Mass sorbed = 500.65 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 8.6631 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.63786E-02g/sq.ft.
Diffusion in from atmosphere = -5.8269 g/sq.ft.
Diffusion in from water table = -0.84791 g/sq.ft.
Total inflow at boundaries = 8.6632 g/sq.ft.
Mass discrepancy = -0.71526E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 537.02 g/sq.ft.
Advection in from atmosphere = 705.84 g/sq.ft.
Advection in from water table = -0.95682E-01g/sq.ft.
Diffusion in from atmosphere = -149.47 g/sq.ft.
Diffusion in from water table = -19.261 g/sq.ft.
Total inflow at boundaries = 537.01 g/sq.ft.
Mass discrepancy = 0.91553E-03g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 545.57 g/sq.ft.
Mass in gas phase = 7.5352 g/sq.ft.
Mass in liquid phase = 29.411 g/sq.ft.
Mass sorbed = 508.63 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 8.5557 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.66807E-02g/sq.ft.
Diffusion in from atmosphere = -5.9151 g/sq.ft.
Diffusion in from water table = -0.86695 g/sq.ft.
Total inflow at boundaries = 8.5557 g/sq.ft.
Mass discrepancy = -0.24796E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 545.57 g/sq.ft.
Advection in from atmosphere = 721.19 g/sq.ft.
Advection in from water table = -0.10236 g/sq.ft.
Diffusion in from atmosphere = -155.39 g/sq.ft.
Diffusion in from water table = -20.128 g/sq.ft.
Total inflow at boundaries = 545.57 g/sq.ft.
Mass discrepancy = 0.91553E-03g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 554.02 g/sq.ft.
Mass in gas phase = 7.6519 g/sq.ft.
Mass in liquid phase = 29.867 g/sq.ft.
Mass sorbed = 516.50 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 8.4496 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.69901E-02g/sq.ft.
Diffusion in from atmosphere = -6.0018 g/sq.ft.
Diffusion in from water table = -0.88595 g/sq.ft.
Total inflow at boundaries = 8.4496 g/sq.ft.
Mass discrepancy = -0.35286E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 554.02 g/sq.ft.
Advection in from atmosphere = 736.53 g/sq.ft.
Advection in from water table = -0.10935 g/sq.ft.
Diffusion in from atmosphere = -161.39 g/sq.ft.
Diffusion in from water table = -21.014 g/sq.ft.
Total inflow at boundaries = 554.02 g/sq.ft.
Mass discrepancy = 0.91553E-03g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 562.37 g/sq.ft.
Mass in gas phase = 7.7671 g/sq.ft.
Mass in liquid phase = 30.317 g/sq.ft.
Mass sorbed = 524.28 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 8.3452 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.73070E-02g/sq.ft.
Diffusion in from atmosphere = -6.0872 g/sq.ft.
Diffusion in from water table = -0.90492 g/sq.ft.
Total inflow at boundaries = 8.3449 g/sq.ft.
Mass discrepancy = 0.22125E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 562.37 g/sq.ft.
Advection in from atmosphere = 751.87 g/sq.ft.
Advection in from water table = -0.11666 g/sq.ft.

Diffusion in from atmosphere = -167.47 g/sq.ft.
Diffusion in from water table = -21.919 g/sq.ft.
Total inflow at boundaries = 562.37 g/sq.ft.
Mass discrepancy = 0.11597E-02g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 570.61 g/sq.ft.
Mass in gas phase = 7.8810 g/sq.ft.
Mass in liquid phase = 30.761 g/sq.ft.
Mass sorbed = 531.97 g/sq.ft.

Since last printout at time = 49.00
Change in Total Mass = 8.2416 g/sq.ft.
Advection in from atmosphere = 15.344 g/sq.ft.
Advection in from water table = -0.76313E-02g/sq.ft.
Diffusion in from atmosphere = -6.1713 g/sq.ft.
Diffusion in from water table = -0.92385 g/sq.ft.
Total inflow at boundaries = 8.2416 g/sq.ft.
Mass discrepancy = -0.27657E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 570.61 g/sq.ft.
Advection in from atmosphere = 767.22 g/sq.ft.
Advection in from water table = -0.12429 g/sq.ft.
Diffusion in from atmosphere = -173.65 g/sq.ft.
Diffusion in from water table = -22.843 g/sq.ft.
Total inflow at boundaries = 570.61 g/sq.ft.
Mass discrepancy = 0.11597E-02g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.12058E-06	0.15555E-03
2.00	0.17572E-01	22.668
3.00	0.35267E-01	45.494
4.00	0.53079E-01	68.472
5.00	0.71004E-01	91.595
6.00	0.89037E-01	114.86
7.00	0.10717	138.25
8.00	0.12541	161.78
9.00	0.14374	185.42
10.00	0.16216	209.18

11.00	0.18066	233.06
12.00	0.19925	257.03
13.00	0.21791	281.11
14.00	0.23665	305.28
15.00	0.25545	329.54
16.00	0.27432	353.88
17.00	0.29326	378.30
18.00	0.31225	402.80
19.00	0.33129	427.36
20.00	0.35038	451.99
21.00	0.36952	476.68
22.00	0.38870	501.43
23.00	0.40793	526.23
24.00	0.42719	551.07
25.00	0.44648	575.96
26.00	0.46580	600.89
27.00	0.48515	625.85
28.00	0.50453	650.84
29.00	0.52392	675.86
30.00	0.54334	700.91
31.00	0.56277	725.97
32.00	0.58221	751.05
33.00	0.60166	776.14
34.00	0.62112	801.24
35.00	0.64058	826.35
36.00	0.66005	851.46
37.00	0.67951	876.57
38.00	0.69897	901.68
39.00	0.71843	926.78
40.00	0.73788	951.87
41.00	0.75732	976.94
42.00	0.77675	1002.0
43.00	0.79616	1027.0
44.00	0.81556	1052.1
45.00	0.83494	1077.1
46.00	0.85429	1102.0
47.00	0.87363	1127.0
48.00	0.89294	1151.9
49.00	0.91223	1176.8
50.00	0.93148	1201.6

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	0.15555E-03	0.15555E-03
2.00	22.668	22.668
3.00	45.494	68.162
4.00	68.472	136.63
5.00	91.595	228.23
6.00	114.86	343.09
7.00	138.25	481.34
8.00	161.78	643.12
9.00	185.42	828.54
10.00	209.18	1037.7
11.00	233.06	1270.8
12.00	257.03	1527.8
13.00	281.11	1808.9
14.00	305.28	2114.2
15.00	329.54	2443.7
16.00	353.88	2797.6
17.00	378.30	3175.9
18.00	402.80	3578.7
19.00	427.36	4006.1
20.00	451.99	4458.1
21.00	476.68	4934.8
22.00	501.43	5436.2
23.00	526.23	5962.4
24.00	551.07	6513.5
25.00	575.96	7089.4
26.00	600.89	7690.3
27.00	625.85	8316.2
28.00	650.84	8967.0
29.00	675.86	9642.9
30.00	700.91	10344.
31.00	725.97	11070.
32.00	751.05	11821.
33.00	776.14	12597.
34.00	801.24	13398.
35.00	826.35	14225.
36.00	851.46	15076.
37.00	876.57	15953.
38.00	901.68	16854.
39.00	926.78	17781.
40.00	951.87	18733.
41.00	976.94	19710.
42.00	1002.0	20712.

43.00	1027.0	21739.
44.00	1052.1	22791.
45.00	1077.1	23868.
46.00	1102.0	24970.
47.00	1127.0	26097.
48.00	1151.9	27249.
49.00	1176.8	28426.
50.00	1201.6	29627.

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|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
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 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
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Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.37089	1.5201	0.11461E-03
2	0.57383E-01	0.23517	0.17731E-04
3	0.88779E-02	0.36385E-01	0.27433E-05
4	0.13735E-02	0.56293E-02	0.42443E-06
5	0.21251E-03	0.87093E-03	0.65665E-07
6	0.32878E-04	0.13475E-03	0.10159E-07

7	0.50867E-05	0.20847E-04	0.15718E-08
8	0.78699E-06	0.32254E-05	0.24318E-09
9	0.12176E-06	0.49901E-06	0.37624E-10
10	0.18838E-07	0.77205E-07	0.58210E-11

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.73055	2.9940	0.22574E-03
2	0.11832	0.48491	0.36560E-04
3	0.19167E-01	0.78554E-01	0.59227E-05
4	0.31351E-02	0.12849E-01	0.96876E-06
5	0.54131E-03	0.22185E-02	0.16727E-06
6	0.11657E-03	0.47777E-03	0.36022E-07
7	0.41676E-04	0.17081E-03	0.12878E-07
8	0.23366E-04	0.95762E-04	0.72201E-08
9	0.14376E-04	0.58916E-04	0.44421E-08
10	0.70277E-05	0.28802E-04	0.21716E-08

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.0793	4.4234	0.33351E-03
2	0.18254	0.74811	0.56405E-04
3	0.30851E-01	0.12644	0.95329E-05
4	0.52970E-02	0.21709E-01	0.16368E-05
5	0.99228E-03	0.40667E-02	0.30662E-06
6	0.25281E-03	0.10361E-02	0.78120E-07
7	0.11018E-03	0.45154E-03	0.34045E-07
8	0.67837E-04	0.27802E-03	0.20962E-07
9	0.42827E-04	0.17552E-03	0.13234E-07
10	0.21122E-04	0.86564E-04	0.65266E-08

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4175	5.8094	0.43801E-03
2	0.24979	1.0237	0.77186E-04
3	0.43909E-01	0.17995	0.13568E-04
4	0.78704E-02	0.32256E-01	0.24320E-05
5	0.15711E-02	0.64391E-02	0.48548E-06
6	0.44335E-03	0.18170E-02	0.13700E-06
7	0.21101E-03	0.86480E-03	0.65203E-07
8	0.13430E-03	0.55042E-03	0.41500E-07

9	0.85540E-04	0.35057E-03	0.26432E-07
10	0.42392E-04	0.17374E-03	0.13099E-07

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.7454	7.1535	0.53935E-03
2	0.31983	1.3108	0.98829E-04
3	0.58319E-01	0.23901	0.18021E-04
4	0.10865E-01	0.44530E-01	0.33574E-05
5	0.22835E-02	0.93586E-02	0.70560E-06
6	0.68996E-03	0.28277E-02	0.21320E-06
7	0.34463E-03	0.14124E-02	0.10649E-06
8	0.22287E-03	0.91340E-03	0.68867E-07
9	0.14257E-03	0.58431E-03	0.44055E-07
10	0.70928E-04	0.29069E-03	0.21917E-07

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.0635	8.4568	0.63761E-03
2	0.39244	1.6083	0.12126E-03
3	0.74057E-01	0.30351	0.22884E-04
4	0.14291E-01	0.58570E-01	0.44159E-05
5	0.31348E-02	0.12847E-01	0.96865E-06
6	0.99445E-03	0.40756E-02	0.30729E-06
7	0.51148E-03	0.20962E-02	0.15805E-06
8	0.33365E-03	0.13674E-02	0.10310E-06
9	0.21398E-03	0.87699E-03	0.66122E-07
10	0.10681E-03	0.43776E-03	0.33006E-07

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.3718	9.7207	0.73290E-03
2	0.46738	1.9155	0.14442E-03
3	0.91098E-01	0.37335	0.28149E-04
4	0.18155E-01	0.74407E-01	0.56100E-05
5	0.41303E-02	0.16927E-01	0.12763E-05
6	0.13586E-02	0.55681E-02	0.41981E-06
7	0.71204E-03	0.29182E-02	0.22002E-06
8	0.46674E-03	0.19129E-02	0.14422E-06
9	0.29983E-03	0.12288E-02	0.92649E-07
10	0.15013E-03	0.61529E-03	0.46391E-07

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.6709	10.946	0.82531E-03
2	0.54446	2.2314	0.16824E-03
3	0.10941	0.44842	0.33809E-04
4	0.22465E-01	0.92071E-01	0.69418E-05
5	0.52751E-02	0.21619E-01	0.16300E-05
6	0.17843E-02	0.73126E-02	0.55135E-06
7	0.94680E-03	0.38803E-02	0.29256E-06
8	0.62227E-03	0.25503E-02	0.19228E-06
9	0.40017E-03	0.16400E-02	0.12365E-06
10	0.20096E-03	0.82361E-03	0.62097E-07

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.9609	12.135	0.91492E-03
2	0.62348	2.5552	0.19266E-03
3	0.12897	0.52858	0.39853E-04
4	0.27227E-01	0.11159	0.84132E-05
5	0.65741E-02	0.26943E-01	0.20314E-05
6	0.22733E-02	0.93167E-02	0.70244E-06
7	0.12163E-02	0.49847E-02	0.37583E-06
8	0.80036E-03	0.32801E-02	0.24731E-06
9	0.51504E-03	0.21108E-02	0.15915E-06
10	0.25938E-03	0.10630E-02	0.80148E-07

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.2421	13.287	0.10018E-02
2	0.70425	2.8863	0.21761E-03
3	0.14975	0.61373	0.46273E-04
4	0.32446E-01	0.13297	0.10026E-04
5	0.80320E-02	0.32918E-01	0.24819E-05
6	0.28274E-02	0.11588E-01	0.87368E-06
7	0.15210E-02	0.62334E-02	0.46998E-06
8	0.10011E-02	0.41029E-02	0.30935E-06
9	0.64451E-03	0.26414E-02	0.19915E-06
10	0.32545E-03	0.13338E-02	0.10057E-06

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.5148	14.405	0.10861E-02
2	0.78659	3.2237	0.24306E-03
3	0.17171	0.70373	0.53059E-04
4	0.38125E-01	0.15625	0.11781E-04
5	0.96534E-02	0.39563E-01	0.29829E-05
6	0.34485E-02	0.14133E-01	0.10656E-05
7	0.18614E-02	0.76286E-02	0.57517E-06
8	0.12247E-02	0.50192E-02	0.37843E-06
9	0.78862E-03	0.32320E-02	0.24368E-06
10	0.39926E-03	0.16363E-02	0.12337E-06

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	3.7792	15.489	0.11678E-02
2	0.87033	3.5669	0.26893E-03
3	0.19482	0.79845	0.60200E-04
4	0.44269E-01	0.18143	0.13679E-04
5	0.11443E-01	0.46896E-01	0.35358E-05
6	0.41384E-02	0.16961E-01	0.12788E-05
7	0.22381E-02	0.91726E-02	0.69158E-06
8	0.14712E-02	0.60294E-02	0.45459E-06
9	0.94741E-03	0.38828E-02	0.29275E-06
10	0.48086E-03	0.19707E-02	0.14859E-06

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.0357	16.540	0.12470E-02
2	0.95532	3.9153	0.29520E-03
3	0.21905	0.89775	0.67687E-04
4	0.50880E-01	0.20852	0.15722E-04
5	0.13404E-01	0.54933E-01	0.41418E-05
6	0.48988E-02	0.20077E-01	0.15138E-05
7	0.26517E-02	0.10867E-01	0.81937E-06
8	0.17407E-02	0.71341E-02	0.53789E-06
9	0.11209E-02	0.45940E-02	0.34637E-06
10	0.57033E-03	0.23374E-02	0.17623E-06

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.2843	17.559	0.13239E-02
2	1.0414	4.2681	0.32180E-03
3	0.24436	1.0015	0.75509E-04
4	0.57959E-01	0.23754	0.17909E-04
5	0.15541E-01	0.63691E-01	0.48021E-05
6	0.57316E-02	0.23490E-01	0.17711E-05
7	0.31026E-02	0.12716E-01	0.95871E-06
8	0.20335E-02	0.83339E-02	0.62835E-06
9	0.13093E-02	0.53658E-02	0.40456E-06
10	0.66773E-03	0.27366E-02	0.20633E-06

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.5255	18.547	0.13984E-02
2	1.1284	4.6248	0.34869E-03
3	0.27073	1.1095	0.83655E-04
4	0.65507E-01	0.26847	0.20242E-04
5	0.17857E-01	0.73184E-01	0.55178E-05
6	0.66385E-02	0.27207E-01	0.20513E-05
7	0.35915E-02	0.14719E-01	0.11098E-05
8	0.23496E-02	0.96294E-02	0.72602E-06
9	0.15124E-02	0.61983E-02	0.46733E-06
10	0.77311E-03	0.31685E-02	0.23889E-06

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.7594	19.506	0.14707E-02
2	1.2163	4.9848	0.37584E-03
3	0.29810	1.2217	0.92114E-04
4	0.73525E-01	0.30133	0.22719E-04
5	0.20356E-01	0.83427E-01	0.62901E-05
6	0.76213E-02	0.31235E-01	0.23550E-05
7	0.41190E-02	0.16881E-01	0.12728E-05
8	0.26891E-02	0.11021E-01	0.83095E-06
9	0.17304E-02	0.70918E-02	0.53469E-06
10	0.88654E-03	0.36334E-02	0.27394E-06

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.9861	20.435	0.15407E-02
2	1.3048	5.3477	0.40319E-03
3	0.32646	1.3379	0.10088E-03
4	0.82011E-01	0.33611	0.25342E-04
5	0.23042E-01	0.94433E-01	0.71199E-05
6	0.86815E-02	0.35580E-01	0.26826E-05
7	0.46855E-02	0.19203E-01	0.14478E-05
8	0.30524E-02	0.12510E-01	0.94318E-06
9	0.19633E-02	0.80464E-02	0.60667E-06
10	0.10081E-02	0.41314E-02	0.31150E-06

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.2061	21.336	0.16087E-02
2	1.3939	5.7128	0.43073E-03
3	0.35575	1.4580	0.10993E-03
4	0.90965E-01	0.37281	0.28108E-04
5	0.25916E-01	0.10621	0.80081E-05
6	0.98210E-02	0.40250E-01	0.30347E-05
7	0.52917E-02	0.21687E-01	0.16352E-05
8	0.34393E-02	0.14096E-01	0.10628E-05
9	0.22112E-02	0.90623E-02	0.68326E-06
10	0.11378E-02	0.46629E-02	0.35157E-06

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.4193	22.210	0.16746E-02
2	1.4835	6.0799	0.45840E-03
3	0.38596	1.5818	0.11926E-03
4	0.10038	0.41141	0.31019E-04
5	0.28982E-01	0.11878	0.89556E-05
6	0.11041E-01	0.45251E-01	0.34118E-05
7	0.59383E-02	0.24337E-01	0.18349E-05
8	0.38503E-02	0.15780E-01	0.11897E-05
9	0.24741E-02	0.10140E-01	0.76450E-06
10	0.12757E-02	0.52281E-02	0.39418E-06

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.6262	23.058	0.17385E-02
2	1.5734	6.4483	0.48618E-03
3	0.41704	1.7092	0.12886E-03
4	0.11027	0.45191	0.34072E-04
5	0.32243E-01	0.13214	0.99632E-05
6	0.12344E-01	0.50590E-01	0.38143E-05
7	0.66256E-02	0.27154E-01	0.20473E-05
8	0.42853E-02	0.17563E-01	0.13242E-05
9	0.27520E-02	0.11279E-01	0.85038E-06
10	0.14218E-02	0.58271E-02	0.43934E-06

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.8267	23.880	0.18005E-02
2	1.6635	6.8177	0.51403E-03
3	0.44895	1.8399	0.13873E-03
4	0.12061	0.49429	0.37268E-04
5	0.35701E-01	0.14632	0.11032E-04
6	0.13731E-01	0.56273E-01	0.42428E-05
7	0.73544E-02	0.30141E-01	0.22725E-05
8	0.47445E-02	0.19445E-01	0.14661E-05
9	0.30450E-02	0.12480E-01	0.94092E-06
10	0.15763E-02	0.64602E-02	0.48708E-06

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.0212	24.677	0.18606E-02
2	1.7538	7.1877	0.54193E-03
3	0.48166	1.9740	0.14883E-03
4	0.13140	0.53854	0.40604E-04
5	0.39357E-01	0.16130	0.12161E-04
6	0.15203E-01	0.62306E-01	0.46977E-05
7	0.81253E-02	0.33300E-01	0.25107E-05
8	0.52282E-02	0.21427E-01	0.16155E-05
9	0.33532E-02	0.13743E-01	0.10361E-05
10	0.17391E-02	0.71275E-02	0.53739E-06

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.2099	25.450	0.19189E-02
2	1.8441	7.5580	0.56984E-03
3	0.51513	2.1112	0.15918E-03
4	0.14265	0.58463	0.44079E-04
5	0.43214E-01	0.17711	0.13353E-04
6	0.16762E-01	0.68696E-01	0.51794E-05
7	0.89388E-02	0.36634E-01	0.27621E-05
8	0.57365E-02	0.23510E-01	0.17726E-05
9	0.36765E-02	0.15068E-01	0.11360E-05
10	0.19103E-02	0.78293E-02	0.59030E-06

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.3928	26.200	0.19754E-02
2	1.9345	7.9281	0.59775E-03
3	0.54934	2.2514	0.16975E-03
4	0.15434	0.63256	0.47693E-04
5	0.47274E-01	0.19375	0.14608E-04
6	0.18409E-01	0.75448E-01	0.56885E-05
7	0.97954E-02	0.40145E-01	0.30268E-05
8	0.62695E-02	0.25695E-01	0.19373E-05
9	0.40150E-02	0.16455E-01	0.12407E-05
10	0.20900E-02	0.85657E-02	0.64582E-06

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.5702	26.927	0.20302E-02
2	2.0247	8.2978	0.62562E-03
3	0.58423	2.3944	0.18053E-03
4	0.16648	0.68229	0.51442E-04
5	0.51537E-01	0.21122	0.15925E-04
6	0.20146E-01	0.82567E-01	0.62252E-05
7	0.10696E-01	0.43836E-01	0.33050E-05
8	0.68274E-02	0.27981E-01	0.21097E-05
9	0.43688E-02	0.17905E-01	0.13500E-05
10	0.22782E-02	0.93369E-02	0.70397E-06

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.7422	27.632	0.20834E-02
2	2.1147	8.6667	0.65344E-03
3	0.61979	2.5401	0.19151E-03
4	0.17905	0.73380	0.55326E-04
5	0.56005E-01	0.22953	0.17306E-04
6	0.21974E-01	0.90059E-01	0.67901E-05
7	0.11641E-01	0.47708E-01	0.35970E-05
8	0.74104E-02	0.30371E-01	0.22898E-05
9	0.47380E-02	0.19418E-01	0.14640E-05
10	0.24749E-02	0.10143E-01	0.76475E-06

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.9090	28.316	0.21349E-02
2	2.2044	9.0346	0.68117E-03
3	0.65596	2.6884	0.20269E-03
4	0.19205	0.78708	0.59343E-04
5	0.60679E-01	0.24868	0.18750E-04
6	0.23895E-01	0.97929E-01	0.73835E-05
7	0.12630E-01	0.51764E-01	0.39028E-05
8	0.80187E-02	0.32864E-01	0.24778E-05
9	0.51224E-02	0.20993E-01	0.15828E-05
10	0.26802E-02	0.10984E-01	0.82818E-06

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.0708	28.979	0.21849E-02
2	2.2939	9.4011	0.70881E-03
3	0.69273	2.8391	0.21405E-03
4	0.20547	0.84208	0.63490E-04
5	0.65560E-01	0.26869	0.20258E-04
6	0.25908E-01	0.10618	0.80057E-05
7	0.13666E-01	0.56007E-01	0.42227E-05
8	0.86524E-02	0.35461E-01	0.26736E-05
9	0.55223E-02	0.22632E-01	0.17064E-05
10	0.28941E-02	0.11861E-01	0.89427E-06

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.2278	29.622	0.22334E-02
2	2.3829	9.7661	0.73633E-03
3	0.73005	2.9920	0.22559E-03
4	0.21930	0.89878	0.67765E-04
5	0.70647E-01	0.28954	0.21830E-04
6	0.28017E-01	0.11482	0.86572E-05
7	0.14747E-01	0.60438E-01	0.45568E-05
8	0.93117E-02	0.38163E-01	0.28773E-05
9	0.59376E-02	0.24334E-01	0.18347E-05
10	0.31166E-02	0.12773E-01	0.96303E-06

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.3799	30.246	0.22804E-02
2	2.4715	10.129	0.76371E-03
3	0.76789	3.1471	0.23728E-03
4	0.23355	0.95715	0.72166E-04
5	0.75942E-01	0.31124	0.23466E-04
6	0.30220E-01	0.12385	0.93382E-05
7	0.15875E-01	0.65060E-01	0.49053E-05
8	0.99968E-02	0.40971E-01	0.30890E-05
9	0.63683E-02	0.26100E-01	0.19678E-05
10	0.33478E-02	0.13721E-01	0.10345E-05

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.5275	30.850	0.23260E-02
2	2.5597	10.490	0.79094E-03
3	0.80623	3.3042	0.24913E-03
4	0.24819	1.0172	0.76690E-04
5	0.81445E-01	0.33379	0.25167E-04
6	0.32521E-01	0.13328	0.10049E-04
7	0.17050E-01	0.69876E-01	0.52684E-05
8	0.10708E-01	0.43885E-01	0.33088E-05
9	0.68146E-02	0.27929E-01	0.21057E-05
10	0.35878E-02	0.14704E-01	0.11086E-05

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.6706	31.437	0.23702E-02
2	2.6472	10.849	0.81800E-03
3	0.84502	3.4632	0.26111E-03
4	0.26322	1.0788	0.81336E-04
5	0.87155E-01	0.35719	0.26931E-04
6	0.34919E-01	0.14311	0.10790E-04
7	0.18272E-01	0.74886E-01	0.56462E-05
8	0.11445E-01	0.46906E-01	0.35366E-05
9	0.72765E-02	0.29822E-01	0.22485E-05
10	0.38365E-02	0.15723E-01	0.11855E-05

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.8094	32.006	0.24131E-02
2	2.7342	11.206	0.84488E-03
3	0.88423	3.6239	0.27323E-03
4	0.27864	1.1420	0.86100E-04
5	0.93073E-01	0.38144	0.28760E-04
6	0.37415E-01	0.15334	0.11561E-04
7	0.19543E-01	0.80094E-01	0.60388E-05
8	0.12209E-01	0.50036E-01	0.37725E-05
9	0.77540E-02	0.31779E-01	0.23960E-05
10	0.40940E-02	0.16779E-01	0.12650E-05

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.9440	32.558	0.24547E-02
2	2.8206	11.560	0.87156E-03
3	0.92384	3.7862	0.28547E-03
4	0.29443	1.2067	0.90980E-04
5	0.99197E-01	0.40654	0.30652E-04
6	0.40011E-01	0.16398	0.12363E-04
7	0.20862E-01	0.85502E-01	0.64465E-05
8	0.12999E-01	0.53273E-01	0.40166E-05
9	0.82471E-02	0.33800E-01	0.25484E-05
10	0.43603E-02	0.17870E-01	0.13473E-05

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.0746	33.093	0.24951E-02
2	2.9062	11.911	0.89803E-03
3	0.96382	3.9501	0.29782E-03
4	0.31059	1.2729	0.95973E-04
5	0.10553	0.43249	0.32608E-04
6	0.42706E-01	0.17502	0.13196E-04
7	0.22231E-01	0.91110E-01	0.68694E-05
8	0.13815E-01	0.56620E-01	0.42690E-05
9	0.87560E-02	0.35885E-01	0.27056E-05
10	0.46355E-02	0.18998E-01	0.14324E-05

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.2012	33.611	0.25342E-02
2	2.9912	12.259	0.92428E-03
3	1.0041	4.1153	0.31028E-03
4	0.32711	1.3406	0.10108E-03
5	0.11206	0.45927	0.34627E-04
6	0.45502E-01	0.18648	0.14060E-04
7	0.23649E-01	0.96922E-01	0.73076E-05
8	0.14659E-01	0.60078E-01	0.45296E-05
9	0.92806E-02	0.38035E-01	0.28677E-05
10	0.49195E-02	0.20162E-01	0.15201E-05

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.3240	34.115	0.25721E-02
2	3.0754	12.604	0.95031E-03
3	1.0447	4.2817	0.32283E-03
4	0.34397	1.4097	0.10629E-03
5	0.11880	0.48689	0.36710E-04
6	0.48399E-01	0.19836	0.14955E-04
7	0.25117E-01	0.10294	0.77612E-05
8	0.15530E-01	0.63646E-01	0.47986E-05
9	0.98211E-02	0.40250E-01	0.30347E-05
10	0.52125E-02	0.21363E-01	0.16107E-05

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.4431	34.603	0.26089E-02
2	3.1588	12.946	0.97609E-03
3	1.0856	4.4493	0.33546E-03
4	0.36117	1.4802	0.11160E-03
5	0.12574	0.51534	0.38855E-04
6	0.51398E-01	0.21065	0.15882E-04
7	0.26636E-01	0.10916	0.82305E-05
8	0.16427E-01	0.67325E-01	0.50761E-05
9	0.10377E-01	0.42530E-01	0.32066E-05
10	0.55145E-02	0.22600E-01	0.17040E-05

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.5586	35.076	0.26446E-02
2	3.2415	13.285	0.10016E-02
3	1.1268	4.6179	0.34817E-03
4	0.37870	1.5521	0.11702E-03
5	0.13289	0.54462	0.41062E-04
6	0.54499E-01	0.22336	0.16840E-04
7	0.28205E-01	0.11560	0.87155E-05
8	0.17352E-01	0.71116E-01	0.53619E-05
9	0.10949E-01	0.44875E-01	0.33834E-05
10	0.58254E-02	0.23875E-01	0.18001E-05

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.6706	35.535	0.26792E-02
2	3.3233	13.620	0.10269E-02
3	1.1681	4.7874	0.36095E-03
4	0.39655	1.6252	0.12253E-03
5	0.14023	0.57472	0.43332E-04
6	0.57703E-01	0.23649	0.17830E-04
7	0.29826E-01	0.12224	0.92163E-05
8	0.18305E-01	0.75021E-01	0.56563E-05
9	0.11538E-01	0.47285E-01	0.35651E-05
10	0.61453E-02	0.25186E-01	0.18989E-05

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.7792	35.980	0.27128E-02
2	3.4042	13.952	0.10519E-02
3	1.2097	4.9577	0.37379E-03
4	0.41471	1.6996	0.12815E-03
5	0.14777	0.60563	0.45662E-04
6	0.61009E-01	0.25004	0.18852E-04
7	0.31498E-01	0.12909	0.97331E-05
8	0.19285E-01	0.79038E-01	0.59592E-05
9	0.12142E-01	0.49761E-01	0.37518E-05
10	0.64743E-02	0.26534E-01	0.20006E-05

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.8846	36.412	0.27453E-02
2	3.4842	14.280	0.10766E-02
3	1.2514	5.1287	0.38669E-03
4	0.43317	1.7753	0.13385E-03
5	0.15551	0.63734	0.48053E-04
6	0.64419E-01	0.26401	0.19906E-04
7	0.33223E-01	0.13616	0.10266E-04
8	0.20294E-01	0.83170E-01	0.62707E-05
9	0.12762E-01	0.52303E-01	0.39434E-05
10	0.68123E-02	0.27919E-01	0.21050E-05

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.9867	36.831	0.27769E-02
2	3.5634	14.604	0.11011E-02
3	1.2933	5.3003	0.39962E-03
4	0.45191	1.8521	0.13964E-03
5	0.16345	0.66986	0.50505E-04
6	0.67932E-01	0.27841	0.20991E-04
7	0.35000E-01	0.14344	0.10815E-04
8	0.21330E-01	0.87417E-01	0.65909E-05
9	0.13398E-01	0.54910E-01	0.41400E-05
10	0.71594E-02	0.29342E-01	0.22123E-05

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.0858	37.237	0.28075E-02
2	3.6416	14.925	0.11253E-02
3	1.3353	5.4724	0.41260E-03
4	0.47094	1.9301	0.14552E-03
5	0.17157	0.70316	0.53016E-04
6	0.71548E-01	0.29323	0.22109E-04
7	0.36830E-01	0.15094	0.11380E-04
8	0.22394E-01	0.91779E-01	0.69198E-05
9	0.14050E-01	0.57583E-01	0.43416E-05
10	0.75157E-02	0.30802E-01	0.23224E-05

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.1820	37.631	0.28372E-02
2	3.7189	15.241	0.11492E-02
3	1.3773	5.6449	0.42560E-03
4	0.49023	2.0092	0.15148E-03
5	0.17989	0.73724	0.55585E-04
6	0.75268E-01	0.30848	0.23258E-04
7	0.38712E-01	0.15866	0.11962E-04
8	0.23487E-01	0.96257E-01	0.72575E-05
9	0.14719E-01	0.60323E-01	0.45482E-05
10	0.78810E-02	0.32299E-01	0.24353E-05

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.2752	38.013	0.28660E-02
2	3.7953	15.554	0.11727E-02
3	1.4195	5.8176	0.43863E-03
4	0.50979	2.0893	0.15753E-03
5	0.18839	0.77209	0.58212E-04
6	0.79091E-01	0.32414	0.24439E-04
7	0.40648E-01	0.16659	0.12560E-04
8	0.24608E-01	0.10085	0.76039E-05
9	0.15404E-01	0.63129E-01	0.47597E-05
10	0.82556E-02	0.33834E-01	0.25510E-05

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.3656	38.384	0.28940E-02
2	3.8707	15.863	0.11960E-02
3	1.4617	5.9906	0.45167E-03
4	0.52959	2.1705	0.16364E-03
5	0.19708	0.80769	0.60897E-04
6	0.83018E-01	0.34024	0.25653E-04
7	0.42638E-01	0.17474	0.13175E-04
8	0.25758E-01	0.10556	0.79592E-05
9	0.16105E-01	0.66002E-01	0.49763E-05
10	0.86393E-02	0.35407E-01	0.26696E-05

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.4533	38.743	0.29211E-02
2	3.9451	16.168	0.12190E-02
3	1.5039	6.1637	0.46472E-03
4	0.54963	2.2526	0.16984E-03
5	0.20595	0.84405	0.63638E-04
6	0.87048E-01	0.35675	0.26898E-04
7	0.44681E-01	0.18312	0.13806E-04
8	0.26936E-01	0.11039	0.83233E-05
9	0.16822E-01	0.68942E-01	0.51980E-05
10	0.90323E-02	0.37017E-01	0.27910E-05

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.5384	39.092	0.29474E-02
2	4.0185	16.469	0.12417E-02
3	1.5462	6.3369	0.47778E-03
4	0.56990	2.3357	0.17610E-03
5	0.21500	0.88114	0.66435E-04
6	0.91180E-01	0.37369	0.28175E-04
7	0.46778E-01	0.19171	0.14454E-04
8	0.28144E-01	0.11534	0.86964E-05
9	0.17555E-01	0.71949E-01	0.54247E-05
10	0.94345E-02	0.38666E-01	0.29153E-05

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.6208	39.430	0.29729E-02
2	4.0910	16.766	0.12641E-02
3	1.5884	6.5099	0.49083E-03
4	0.59039	2.4196	0.18243E-03
5	0.22422	0.91895	0.69286E-04
6	0.95416E-01	0.39105	0.29484E-04
7	0.48929E-01	0.20053	0.15119E-04
8	0.29380E-01	0.12041	0.90785E-05
9	0.18305E-01	0.75023E-01	0.56564E-05
10	0.98459E-02	0.40352E-01	0.30424E-05

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                            By:                              |
 |         Varadhan Ravi and Jeffrey A. Johnson                |
 |                  (USEPA Contractors)                        |
 |         Center for Subsurface Modeling Support              |
 |         Robert S. Kerr Environmental Research Laboratory    |
 |         U.S. Environmental Protection Agency                |
 |         P.O. Box 1198                                       |
 |         Ada, OK 74820                                       |
 |                                                             |
 |         Based on the original VLEACH (version 1.0)          |
 |         developed by CH2M Hill, Redding, California         |
 |         for USEPA Region IX                                 |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.
Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 350.00 ml/g, 0.12360E-01cu.ft./g
Kh = 0.24400 (dimensionless).
Aqueous solubility = 106.00 mg/l, 3.0016 g/cu.ft
Free air diffusion coefficient = .62200 sq. m/day, 2443.8 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2000
Organic carbon content = 0.00610000

Recharge Rate = 0.16839001 ft/yr
Conc. in recharge water = 3218.0 mg/l, 91.124 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.

4.3 Xileno Alto

Benceno Barranquilla
1
1 50 1 1
350 0.244 106 0.622
Polygon1
1290 2.3 0.8858 1.62 0.41 0.25 0.0061
3653 0 0
10Y 50
10 10 0

```
|-------------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)                 |
 |                                                             |
 |                           By:                               |
 |        Varadhan Ravi and Jeffrey A. Johnson                 |
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 |        P.O. Box 1198                                        |
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 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
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 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
```

Benceno Barranquilla

Polygon 1
At time = 0.00, total mass in vadose zone = 0.0000 g/sq.ft.
Mass in gas phase = 0.0000 g/sq.ft.
Mass in liquid phase = 0.0000 g/sq.ft.
Mass sorbed = 0.0000 g/sq.ft.
WARNING!!! At time = 1.00, aqueous solubility was exceeded in 1 cells.

Polygon 1
At time = 1.00, total mass in vadose zone = 91.607 g/sq.ft.
Mass in gas phase = 0.95426 g/sq.ft.
Mass in liquid phase = 6.1108 g/sq.ft.
Mass sorbed = 84.542 g/sq.ft.

Since last printout at time = 0.00
Change in Total Mass = 91.607 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.22286E-01g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 91.607 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 91.607 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.22286E-01g/sq.ft.
Diffusion in from atmosphere = 0.0000 g/sq.ft.
Diffusion in from water table = 0.0000 g/sq.ft.
Total inflow at boundaries = 91.607 g/sq.ft.
Mass discrepancy = -0.76294E-05g/sq.ft.
WARNING!!! At time = 2.00, aqueous solubility was exceeded in 2 cells.

Polygon 1
At time = 2.00, total mass in vadose zone = 182.39 g/sq.ft.
Mass in gas phase = 1.8999 g/sq.ft.
Mass in liquid phase = 12.166 g/sq.ft.
Mass sorbed = 168.32 g/sq.ft.

Since last printout at time = 1.00
Change in Total Mass = 90.780 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.39082E-01g/sq.ft.
Diffusion in from atmosphere = -0.71160 g/sq.ft.
Diffusion in from water table = -0.98692E-01g/sq.ft.
Total inflow at boundaries = 90.780 g/sq.ft.
Mass discrepancy = 0.38147E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 182.39 g/sq.ft.
Advection in from atmosphere = 183.26 g/sq.ft.
Advection in from water table = -0.61368E-01g/sq.ft.
Diffusion in from atmosphere = -0.71160 g/sq.ft.
Diffusion in from water table = -0.98692E-01g/sq.ft.
Total inflow at boundaries = 182.39 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 3.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 3.00, total mass in vadose zone = 272.35 g/sq.ft.
Mass in gas phase = 2.8370 g/sq.ft.
Mass in liquid phase = 18.167 g/sq.ft.
Mass sorbed = 251.34 g/sq.ft.

Since last printout at time = 2.00
Change in Total Mass = 89.960 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.60906E-01g/sq.ft.
Diffusion in from atmosphere = -1.4054 g/sq.ft.
Diffusion in from water table = -0.20300 g/sq.ft.
Total inflow at boundaries = 89.960 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 272.35 g/sq.ft.
Advection in from atmosphere = 274.89 g/sq.ft.
Advection in from water table = -0.12227 g/sq.ft.
Diffusion in from atmosphere = -2.1170 g/sq.ft.
Diffusion in from water table = -0.30170 g/sq.ft.
Total inflow at boundaries = 272.35 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.
WARNING!!! At time = 4.00, aqueous solubility was exceeded in 3 cells.

Polygon 1
At time = 4.00, total mass in vadose zone = 361.49 g/sq.ft.
Mass in gas phase = 3.7656 g/sq.ft.
Mass in liquid phase = 24.114 g/sq.ft.
Mass sorbed = 333.61 g/sq.ft.

Since last printout at time = 3.00
Change in Total Mass = 89.146 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.88250E-01g/sq.ft.
Diffusion in from atmosphere = -2.0819 g/sq.ft.
Diffusion in from water table = -0.31285 g/sq.ft.
Total inflow at boundaries = 89.146 g/sq.ft.
Mass discrepancy = 0.15259E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 361.49 g/sq.ft.
Advection in from atmosphere = 366.52 g/sq.ft.
Advection in from water table = -0.21052 g/sq.ft.

Diffusion in from atmosphere = -4.1990 g/sq.ft.
Diffusion in from water table = -0.61455 g/sq.ft.
Total inflow at boundaries = 361.49 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 5.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 5.00, total mass in vadose zone = 449.83 g/sq.ft.
Mass in gas phase = 4.6858 g/sq.ft.
Mass in liquid phase = 30.007 g/sq.ft.
Mass sorbed = 415.14 g/sq.ft.

Since last printout at time = 4.00
Change in Total Mass = 88.338 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.12160 g/sq.ft.
Diffusion in from atmosphere = -2.7415 g/sq.ft.
Diffusion in from water table = -0.42814 g/sq.ft.
Total inflow at boundaries = 88.338 g/sq.ft.
Mass discrepancy = 0.30518E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 449.83 g/sq.ft.
Advection in from atmosphere = 458.14 g/sq.ft.
Advection in from water table = -0.33212 g/sq.ft.
Diffusion in from atmosphere = -6.9405 g/sq.ft.
Diffusion in from water table = -1.0427 g/sq.ft.
Total inflow at boundaries = 449.83 g/sq.ft.
Mass discrepancy = 0.91553E-04g/sq.ft.
WARNING!!! At time = 6.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 6.00, total mass in vadose zone = 537.36 g/sq.ft.
Mass in gas phase = 5.5977 g/sq.ft.
Mass in liquid phase = 35.846 g/sq.ft.
Mass sorbed = 495.92 g/sq.ft.

Since last printout at time = 5.00
Change in Total Mass = 87.534 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.16142 g/sq.ft.
Diffusion in from atmosphere = -3.3846 g/sq.ft.
Diffusion in from water table = -0.54877 g/sq.ft.
Total inflow at boundaries = 87.534 g/sq.ft.

Mass discrepancy = -0.45776E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 537.36 g/sq.ft.
Advection in from atmosphere = 549.77 g/sq.ft.
Advection in from water table = -0.49354 g/sq.ft.
Diffusion in from atmosphere = -10.325 g/sq.ft.
Diffusion in from water table = -1.5914 g/sq.ft.
Total inflow at boundaries = 537.36 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.
WARNING!!! At time = 7.00, aqueous solubility was exceeded in 4 cells.

Polygon 1
At time = 7.00, total mass in vadose zone = 624.10 g/sq.ft.
Mass in gas phase = 6.5012 g/sq.ft.
Mass in liquid phase = 41.632 g/sq.ft.
Mass sorbed = 575.97 g/sq.ft.

Since last printout at time = 6.00
Change in Total Mass = 86.735 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.20818 g/sq.ft.
Diffusion in from atmosphere = -4.0115 g/sq.ft.
Diffusion in from water table = -0.67463 g/sq.ft.
Total inflow at boundaries = 86.735 g/sq.ft.
Mass discrepancy = 0.68665E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 624.10 g/sq.ft.
Advection in from atmosphere = 641.40 g/sq.ft.
Advection in from water table = -0.70172 g/sq.ft.
Diffusion in from atmosphere = -14.337 g/sq.ft.
Diffusion in from water table = -2.2661 g/sq.ft.
Total inflow at boundaries = 624.10 g/sq.ft.
Mass discrepancy = 0.18311E-03g/sq.ft.
WARNING!!! At time = 8.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 8.00, total mass in vadose zone = 710.04 g/sq.ft.
Mass in gas phase = 7.3964 g/sq.ft.
Mass in liquid phase = 47.364 g/sq.ft.
Mass sorbed = 655.28 g/sq.ft.

Since last printout at time = 7.00

Change in Total Mass = 85.938 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.26230 g/sq.ft.
Diffusion in from atmosphere = -4.6227 g/sq.ft.
Diffusion in from water table = -0.80564 g/sq.ft.
Total inflow at boundaries = 85.938 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 710.04 g/sq.ft.
Advection in from atmosphere = 733.03 g/sq.ft.
Advection in from water table = -0.96402 g/sq.ft.
Diffusion in from atmosphere = -18.959 g/sq.ft.
Diffusion in from water table = -3.0717 g/sq.ft.
Total inflow at boundaries = 710.04 g/sq.ft.
Mass discrepancy = 0.24414E-03g/sq.ft.
WARNING!!! At time = 9.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 9.00, total mass in vadose zone = 795.18 g/sq.ft.
Mass in gas phase = 8.2834 g/sq.ft.
Mass in liquid phase = 53.044 g/sq.ft.
Mass sorbed = 733.85 g/sq.ft.

Since last printout at time = 8.00
Change in Total Mass = 85.145 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.32422 g/sq.ft.
Diffusion in from atmosphere = -5.2185 g/sq.ft.
Diffusion in from water table = -0.94166 g/sq.ft.
Total inflow at boundaries = 85.145 g/sq.ft.
Mass discrepancy = 0.12207E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 795.18 g/sq.ft.
Advection in from atmosphere = 824.66 g/sq.ft.
Advection in from water table = -1.2882 g/sq.ft.
Diffusion in from atmosphere = -24.178 g/sq.ft.
Diffusion in from water table = -4.0134 g/sq.ft.
Total inflow at boundaries = 795.18 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 10.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 10.00, total mass in vadose zone = 879.53 g/sq.ft.
Mass in gas phase = 9.1621 g/sq.ft.
Mass in liquid phase = 58.671 g/sq.ft.
Mass sorbed = 811.70 g/sq.ft.

Since last printout at time = 9.00
Change in Total Mass = 84.353 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.39433 g/sq.ft.
Diffusion in from atmosphere = -5.7993 g/sq.ft.
Diffusion in from water table = -1.0826 g/sq.ft.
Total inflow at boundaries = 84.353 g/sq.ft.
Mass discrepancy = -0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 879.53 g/sq.ft.
Advection in from atmosphere = 916.29 g/sq.ft.
Advection in from water table = -1.6826 g/sq.ft.
Diffusion in from atmosphere = -29.977 g/sq.ft.
Diffusion in from water table = -5.0960 g/sq.ft.
Total inflow at boundaries = 879.53 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 11.00, aqueous solubility was exceeded in 5 cells.

Polygon 1
At time = 11.00, total mass in vadose zone = 963.10 g/sq.ft.
Mass in gas phase = 10.033 g/sq.ft.
Mass in liquid phase = 64.245 g/sq.ft.
Mass sorbed = 888.82 g/sq.ft.

Since last printout at time = 10.00
Change in Total Mass = 83.562 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.47300 g/sq.ft.
Diffusion in from atmosphere = -6.3655 g/sq.ft.
Diffusion in from water table = -1.2283 g/sq.ft.
Total inflow at boundaries = 83.562 g/sq.ft.
Mass discrepancy = 0.11444E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 963.10 g/sq.ft.
Advection in from atmosphere = 1007.9 g/sq.ft.
Advection in from water table = -2.1556 g/sq.ft.

Diffusion in from atmosphere = -36.343 g/sq.ft.
Diffusion in from water table = -6.3242 g/sq.ft.
Total inflow at boundaries = 963.10 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 12.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 12.00, total mass in vadose zone = 1045.9 g/sq.ft.
Mass in gas phase = 10.895 g/sq.ft.
Mass in liquid phase = 69.767 g/sq.ft.
Mass sorbed = 965.21 g/sq.ft.

Since last printout at time = 11.00
Change in Total Mass = 82.772 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.56059 g/sq.ft.
Diffusion in from atmosphere = -6.9174 g/sq.ft.
Diffusion in from water table = -1.3786 g/sq.ft.
Total inflow at boundaries = 82.772 g/sq.ft.
Mass discrepancy = -0.53406E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1045.9 g/sq.ft.
Advection in from atmosphere = 1099.5 g/sq.ft.
Advection in from water table = -2.7162 g/sq.ft.
Diffusion in from atmosphere = -43.260 g/sq.ft.
Diffusion in from water table = -7.7029 g/sq.ft.
Total inflow at boundaries = 1045.9 g/sq.ft.
Mass discrepancy = 0.36621E-03g/sq.ft.
WARNING!!! At time = 13.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 13.00, total mass in vadose zone = 1127.9 g/sq.ft.
Mass in gas phase = 11.749 g/sq.ft.
Mass in liquid phase = 75.235 g/sq.ft.
Mass sorbed = 1040.9 g/sq.ft.

Since last printout at time = 12.00
Change in Total Mass = 81.983 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.65743 g/sq.ft.
Diffusion in from atmosphere = -7.4553 g/sq.ft.
Diffusion in from water table = -1.5335 g/sq.ft.
Total inflow at boundaries = 81.983 g/sq.ft.

Mass discrepancy = 0.68665E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1127.9 g/sq.ft.
Advection in from atmosphere = 1191.2 g/sq.ft.
Advection in from water table = -3.3736 g/sq.ft.
Diffusion in from atmosphere = -50.715 g/sq.ft.
Diffusion in from water table = -9.2364 g/sq.ft.
Total inflow at boundaries = 1127.9 g/sq.ft.
Mass discrepancy = 0.48828E-03g/sq.ft.
WARNING!!! At time = 14.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 14.00, total mass in vadose zone = 1209.0 g/sq.ft.
Mass in gas phase = 12.595 g/sq.ft.
Mass in liquid phase = 80.652 g/sq.ft.
Mass sorbed = 1115.8 g/sq.ft.

Since last printout at time = 13.00
Change in Total Mass = 81.193 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.76382 g/sq.ft.
Diffusion in from atmosphere = -7.9795 g/sq.ft.
Diffusion in from water table = -1.6928 g/sq.ft.
Total inflow at boundaries = 81.193 g/sq.ft.
Mass discrepancy = 0.17548E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1209.0 g/sq.ft.
Advection in from atmosphere = 1282.8 g/sq.ft.
Advection in from water table = -4.1374 g/sq.ft.
Diffusion in from atmosphere = -58.695 g/sq.ft.
Diffusion in from water table = -10.929 g/sq.ft.
Total inflow at boundaries = 1209.0 g/sq.ft.
Mass discrepancy = 0.73242E-03g/sq.ft.
WARNING!!! At time = 15.00, aqueous solubility was exceeded in 6 cells.

Polygon 1
At time = 15.00, total mass in vadose zone = 1289.4 g/sq.ft.
Mass in gas phase = 13.432 g/sq.ft.
Mass in liquid phase = 86.015 g/sq.ft.
Mass sorbed = 1190.0 g/sq.ft.

Since last printout at time = 14.00
Change in Total Mass = 80.402 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -0.88004 g/sq.ft.
Diffusion in from atmosphere = -8.4905 g/sq.ft.
Diffusion in from water table = -1.8563 g/sq.ft.
Total inflow at boundaries = 80.402 g/sq.ft.
Mass discrepancy = -0.53406E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1289.4 g/sq.ft.
Advection in from atmosphere = 1374.4 g/sq.ft.
Advection in from water table = -5.0175 g/sq.ft.
Diffusion in from atmosphere = -67.185 g/sq.ft.
Diffusion in from water table = -12.785 g/sq.ft.
Total inflow at boundaries = 1289.4 g/sq.ft.
Mass discrepancy = 0.61035E-03g/sq.ft.
WARNING!!! At time = 16.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 16.00, total mass in vadose zone = 1369.1 g/sq.ft.
Mass in gas phase = 14.261 g/sq.ft.
Mass in liquid phase = 91.326 g/sq.ft.
Mass sorbed = 1263.5 g/sq.ft.

Since last printout at time = 15.00
Change in Total Mass = 79.611 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.0063 g/sq.ft.
Diffusion in from atmosphere = -8.9884 g/sq.ft.
Diffusion in from water table = -2.0239 g/sq.ft.
Total inflow at boundaries = 79.610 g/sq.ft.
Mass discrepancy = 0.38910E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1369.1 g/sq.ft.
Advection in from atmosphere = 1466.1 g/sq.ft.
Advection in from water table = -6.0238 g/sq.ft.
Diffusion in from atmosphere = -76.174 g/sq.ft.
Diffusion in from water table = -14.809 g/sq.ft.
Total inflow at boundaries = 1369.1 g/sq.ft.
Mass discrepancy = 0.97656E-03g/sq.ft.
WARNING!!! At time = 17.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 17.00, total mass in vadose zone = 1447.9 g/sq.ft.
Mass in gas phase = 15.082 g/sq.ft.
Mass in liquid phase = 96.583 g/sq.ft.
Mass sorbed = 1336.2 g/sq.ft.

Since last printout at time = 16.00
Change in Total Mass = 78.817 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.1429 g/sq.ft.
Diffusion in from atmosphere = -9.4736 g/sq.ft.
Diffusion in from water table = -2.1954 g/sq.ft.
Total inflow at boundaries = 78.817 g/sq.ft.
Mass discrepancy = -0.61035E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1447.9 g/sq.ft.
Advection in from atmosphere = 1557.7 g/sq.ft.
Advection in from water table = -7.1667 g/sq.ft.
Diffusion in from atmosphere = -85.647 g/sq.ft.
Diffusion in from water table = -17.005 g/sq.ft.
Total inflow at boundaries = 1447.9 g/sq.ft.
Mass discrepancy = 0.97656E-03g/sq.ft.
WARNING!!! At time = 18.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 18.00, total mass in vadose zone = 1525.9 g/sq.ft.
Mass in gas phase = 15.895 g/sq.ft.
Mass in liquid phase = 101.79 g/sq.ft.
Mass sorbed = 1408.2 g/sq.ft.

Since last printout at time = 17.00
Change in Total Mass = 78.022 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.2899 g/sq.ft.
Diffusion in from atmosphere = -9.9465 g/sq.ft.
Diffusion in from water table = -2.3708 g/sq.ft.
Total inflow at boundaries = 78.022 g/sq.ft.
Mass discrepancy = 0.14496E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1525.9 g/sq.ft.
Advection in from atmosphere = 1649.3 g/sq.ft.
Advection in from water table = -8.4566 g/sq.ft.

Diffusion in from atmosphere = -95.594 g/sq.ft.
Diffusion in from water table = -19.376 g/sq.ft.
Total inflow at boundaries = 1525.9 g/sq.ft.
Mass discrepancy = 0.10986E-02g/sq.ft.
WARNING!!! At time = 19.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 19.00, total mass in vadose zone = 1603.1 g/sq.ft.
Mass in gas phase = 16.700 g/sq.ft.
Mass in liquid phase = 106.94 g/sq.ft.
Mass sorbed = 1479.5 g/sq.ft.

Since last printout at time = 18.00
Change in Total Mass = 77.224 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.4476 g/sq.ft.
Diffusion in from atmosphere = -10.407 g/sq.ft.
Diffusion in from water table = -2.5498 g/sq.ft.
Total inflow at boundaries = 77.224 g/sq.ft.
Mass discrepancy = -0.30518E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1603.1 g/sq.ft.
Advection in from atmosphere = 1740.9 g/sq.ft.
Advection in from water table = -9.9042 g/sq.ft.
Diffusion in from atmosphere = -106.00 g/sq.ft.
Diffusion in from water table = -21.925 g/sq.ft.
Total inflow at boundaries = 1603.1 g/sq.ft.
Mass discrepancy = 0.10986E-02g/sq.ft.
WARNING!!! At time = 20.00, aqueous solubility was exceeded in 7 cells.

Polygon 1
At time = 20.00, total mass in vadose zone = 1679.5 g/sq.ft.
Mass in gas phase = 17.496 g/sq.ft.
Mass in liquid phase = 112.04 g/sq.ft.
Mass sorbed = 1550.0 g/sq.ft.

Since last printout at time = 19.00
Change in Total Mass = 76.424 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.6161 g/sq.ft.
Diffusion in from atmosphere = -10.856 g/sq.ft.
Diffusion in from water table = -2.7323 g/sq.ft.
Total inflow at boundaries = 76.424 g/sq.ft.

Mass discrepancy = 0.45776E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1679.5 g/sq.ft.
Advection in from atmosphere = 1832.6 g/sq.ft.
Advection in from water table = -11.520 g/sq.ft.
Diffusion in from atmosphere = -116.86 g/sq.ft.
Diffusion in from water table = -24.658 g/sq.ft.
Total inflow at boundaries = 1679.5 g/sq.ft.
Mass discrepancy = 0.12207E-02g/sq.ft.
WARNING!!! At time = 21.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 21.00, total mass in vadose zone = 1755.2 g/sq.ft.
Mass in gas phase = 18.283 g/sq.ft.
Mass in liquid phase = 117.08 g/sq.ft.
Mass sorbed = 1619.8 g/sq.ft.

Since last printout at time = 20.00
Change in Total Mass = 75.622 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.7954 g/sq.ft.
Diffusion in from atmosphere = -11.293 g/sq.ft.
Diffusion in from water table = -2.9182 g/sq.ft.
Total inflow at boundaries = 75.622 g/sq.ft.
Mass discrepancy = 0.22125E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1755.2 g/sq.ft.
Advection in from atmosphere = 1924.2 g/sq.ft.
Advection in from water table = -13.316 g/sq.ft.
Diffusion in from atmosphere = -128.15 g/sq.ft.
Diffusion in from water table = -27.576 g/sq.ft.
Total inflow at boundaries = 1755.2 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 22.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 22.00, total mass in vadose zone = 1830.0 g/sq.ft.
Mass in gas phase = 19.063 g/sq.ft.
Mass in liquid phase = 122.07 g/sq.ft.
Mass sorbed = 1688.8 g/sq.ft.

Since last printout at time = 21.00
Change in Total Mass = 74.817 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -1.9857 g/sq.ft.
Diffusion in from atmosphere = -11.720 g/sq.ft.
Diffusion in from water table = -3.1072 g/sq.ft.
Total inflow at boundaries = 74.816 g/sq.ft.
Mass discrepancy = 0.76294E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1830.0 g/sq.ft.
Advection in from atmosphere = 2015.8 g/sq.ft.
Advection in from water table = -15.301 g/sq.ft.
Diffusion in from atmosphere = -139.87 g/sq.ft.
Diffusion in from water table = -30.683 g/sq.ft.
Total inflow at boundaries = 1830.0 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 23.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 23.00, total mass in vadose zone = 1904.0 g/sq.ft.
Mass in gas phase = 19.834 g/sq.ft.
Mass in liquid phase = 127.01 g/sq.ft.
Mass sorbed = 1757.1 g/sq.ft.

Since last printout at time = 22.00
Change in Total Mass = 74.008 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -2.1870 g/sq.ft.
Diffusion in from atmosphere = -12.135 g/sq.ft.
Diffusion in from water table = -3.2993 g/sq.ft.
Total inflow at boundaries = 74.008 g/sq.ft.
Mass discrepancy = 0.0000 g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1904.0 g/sq.ft.
Advection in from atmosphere = 2107.5 g/sq.ft.
Advection in from water table = -17.488 g/sq.ft.
Diffusion in from atmosphere = -152.00 g/sq.ft.
Diffusion in from water table = -33.982 g/sq.ft.
Total inflow at boundaries = 1904.0 g/sq.ft.
Mass discrepancy = 0.14648E-02g/sq.ft.
WARNING!!! At time = 24.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 24.00, total mass in vadose zone = 1977.2 g/sq.ft.
Mass in gas phase = 20.596 g/sq.ft.
Mass in liquid phase = 131.89 g/sq.ft.
Mass sorbed = 1824.7 g/sq.ft.

Since last printout at time = 23.00
Change in Total Mass = 73.197 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -2.3993 g/sq.ft.
Diffusion in from atmosphere = -12.539 g/sq.ft.
Diffusion in from water table = -3.4942 g/sq.ft.
Total inflow at boundaries = 73.197 g/sq.ft.
Mass discrepancy = 0.35095E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 1977.2 g/sq.ft.
Advection in from atmosphere = 2199.1 g/sq.ft.
Advection in from water table = -19.888 g/sq.ft.
Diffusion in from atmosphere = -164.54 g/sq.ft.
Diffusion in from water table = -37.477 g/sq.ft.
Total inflow at boundaries = 1977.2 g/sq.ft.
Mass discrepancy = 0.18311E-02g/sq.ft.
WARNING!!! At time = 25.00, aqueous solubility was exceeded in 8 cells.

Polygon 1
At time = 25.00, total mass in vadose zone = 2049.6 g/sq.ft.
Mass in gas phase = 21.350 g/sq.ft.
Mass in liquid phase = 136.72 g/sq.ft.
Mass sorbed = 1891.5 g/sq.ft.

Since last printout at time = 24.00
Change in Total Mass = 72.382 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -2.6226 g/sq.ft.
Diffusion in from atmosphere = -12.933 g/sq.ft.
Diffusion in from water table = -3.6918 g/sq.ft.
Total inflow at boundaries = 72.382 g/sq.ft.
Mass discrepancy = 0.23651E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2049.6 g/sq.ft.
Advection in from atmosphere = 2290.7 g/sq.ft.
Advection in from water table = -22.510 g/sq.ft.

Diffusion in from atmosphere = -177.48 g/sq.ft.
Diffusion in from water table = -41.168 g/sq.ft.
Total inflow at boundaries = 2049.6 g/sq.ft.
Mass discrepancy = 0.19531E-02g/sq.ft.
WARNING!!! At time = 26.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 26.00, total mass in vadose zone = 2121.1 g/sq.ft.
Mass in gas phase = 22.096 g/sq.ft.
Mass in liquid phase = 141.49 g/sq.ft.
Mass sorbed = 1957.5 g/sq.ft.

Since last printout at time = 25.00
Change in Total Mass = 71.564 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -2.8569 g/sq.ft.
Diffusion in from atmosphere = -13.316 g/sq.ft.
Diffusion in from water table = -3.8920 g/sq.ft.
Total inflow at boundaries = 71.564 g/sq.ft.
Mass discrepancy = 0.76294E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2121.1 g/sq.ft.
Advection in from atmosphere = 2382.4 g/sq.ft.
Advection in from water table = -25.367 g/sq.ft.
Diffusion in from atmosphere = -190.79 g/sq.ft.
Diffusion in from water table = -45.060 g/sq.ft.
Total inflow at boundaries = 2121.1 g/sq.ft.
Mass discrepancy = 0.21973E-02g/sq.ft.
WARNING!!! At time = 27.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 27.00, total mass in vadose zone = 2191.9 g/sq.ft.
Mass in gas phase = 22.833 g/sq.ft.
Mass in liquid phase = 146.21 g/sq.ft.
Mass sorbed = 2022.8 g/sq.ft.

Since last printout at time = 26.00
Change in Total Mass = 70.743 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -3.1020 g/sq.ft.
Diffusion in from atmosphere = -13.690 g/sq.ft.
Diffusion in from water table = -4.0945 g/sq.ft.
Total inflow at boundaries = 70.743 g/sq.ft.

Mass discrepancy = 0.23651E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2191.9 g/sq.ft.
Advection in from atmosphere = 2474.0 g/sq.ft.
Advection in from water table = -28.469 g/sq.ft.
Diffusion in from atmosphere = -204.48 g/sq.ft.
Diffusion in from water table = -49.155 g/sq.ft.
Total inflow at boundaries = 2191.9 g/sq.ft.
Mass discrepancy = 0.24414E-02g/sq.ft.
WARNING!!! At time = 28.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 28.00, total mass in vadose zone = 2261.8 g/sq.ft.
Mass in gas phase = 23.561 g/sq.ft.
Mass in liquid phase = 150.88 g/sq.ft.
Mass sorbed = 2087.4 g/sq.ft.

Since last printout at time = 27.00
Change in Total Mass = 69.918 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -3.3580 g/sq.ft.
Diffusion in from atmosphere = -14.053 g/sq.ft.
Diffusion in from water table = -4.2992 g/sq.ft.
Total inflow at boundaries = 69.918 g/sq.ft.
Mass discrepancy = -0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2261.8 g/sq.ft.
Advection in from atmosphere = 2565.6 g/sq.ft.
Advection in from water table = -31.827 g/sq.ft.
Diffusion in from atmosphere = -218.54 g/sq.ft.
Diffusion in from water table = -53.454 g/sq.ft.
Total inflow at boundaries = 2261.8 g/sq.ft.
Mass discrepancy = 0.24414E-02g/sq.ft.
WARNING!!! At time = 29.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 29.00, total mass in vadose zone = 2330.9 g/sq.ft.
Mass in gas phase = 24.281 g/sq.ft.
Mass in liquid phase = 155.49 g/sq.ft.
Mass sorbed = 2151.1 g/sq.ft.

Since last printout at time = 28.00
Change in Total Mass = 69.091 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -3.6247 g/sq.ft.
Diffusion in from atmosphere = -14.408 g/sq.ft.
Diffusion in from water table = -4.5059 g/sq.ft.
Total inflow at boundaries = 69.091 g/sq.ft.
Mass discrepancy = 0.22125E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2330.9 g/sq.ft.
Advection in from atmosphere = 2657.2 g/sq.ft.
Advection in from water table = -35.452 g/sq.ft.
Diffusion in from atmosphere = -232.94 g/sq.ft.
Diffusion in from water table = -57.960 g/sq.ft.
Total inflow at boundaries = 2330.9 g/sq.ft.
Mass discrepancy = 0.26855E-02g/sq.ft.
WARNING!!! At time = 30.00, aqueous solubility was exceeded in 9 cells.

Polygon 1
At time = 30.00, total mass in vadose zone = 2399.1 g/sq.ft.
Mass in gas phase = 24.992 g/sq.ft.
Mass in liquid phase = 160.04 g/sq.ft.
Mass sorbed = 2214.1 g/sq.ft.

Since last printout at time = 29.00
Change in Total Mass = 68.260 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -3.9020 g/sq.ft.
Diffusion in from atmosphere = -14.753 g/sq.ft.
Diffusion in from water table = -4.7145 g/sq.ft.
Total inflow at boundaries = 68.260 g/sq.ft.
Mass discrepancy = -0.68665E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2399.1 g/sq.ft.
Advection in from atmosphere = 2748.9 g/sq.ft.
Advection in from water table = -39.354 g/sq.ft.
Diffusion in from atmosphere = -247.70 g/sq.ft.
Diffusion in from water table = -62.674 g/sq.ft.
Total inflow at boundaries = 2399.1 g/sq.ft.
Mass discrepancy = 0.26855E-02g/sq.ft.
WARNING!!! At time = 31.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 31.00, total mass in vadose zone = 2466.6 g/sq.ft.
Mass in gas phase = 25.694 g/sq.ft.
Mass in liquid phase = 164.54 g/sq.ft.
Mass sorbed = 2276.3 g/sq.ft.

Since last printout at time = 30.00
Change in Total Mass = 67.426 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -4.1897 g/sq.ft.
Diffusion in from atmosphere = -15.088 g/sq.ft.
Diffusion in from water table = -4.9248 g/sq.ft.
Total inflow at boundaries = 67.426 g/sq.ft.
Mass discrepancy = -0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2466.6 g/sq.ft.
Advection in from atmosphere = 2840.5 g/sq.ft.
Advection in from water table = -43.544 g/sq.ft.
Diffusion in from atmosphere = -262.78 g/sq.ft.
Diffusion in from water table = -67.599 g/sq.ft.
Total inflow at boundaries = 2466.6 g/sq.ft.
Mass discrepancy = 0.24414E-02g/sq.ft.
WARNING!!! At time = 32.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 32.00, total mass in vadose zone = 2533.2 g/sq.ft.
Mass in gas phase = 26.388 g/sq.ft.
Mass in liquid phase = 168.98 g/sq.ft.
Mass sorbed = 2337.8 g/sq.ft.

Since last printout at time = 31.00
Change in Total Mass = 66.590 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -4.4877 g/sq.ft.
Diffusion in from atmosphere = -15.415 g/sq.ft.
Diffusion in from water table = -5.1367 g/sq.ft.
Total inflow at boundaries = 66.589 g/sq.ft.
Mass discrepancy = 0.47302E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2533.2 g/sq.ft.
Advection in from atmosphere = 2932.1 g/sq.ft.
Advection in from water table = -48.031 g/sq.ft.

Diffusion in from atmosphere = -278.20 g/sq.ft.
Diffusion in from water table = -72.736 g/sq.ft.
Total inflow at boundaries = 2533.2 g/sq.ft.
Mass discrepancy = 0.29297E-02g/sq.ft.
WARNING!!! At time = 33.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 33.00, total mass in vadose zone = 2598.9 g/sq.ft.
Mass in gas phase = 27.073 g/sq.ft.
Mass in liquid phase = 173.37 g/sq.ft.
Mass sorbed = 2398.5 g/sq.ft.

Since last printout at time = 32.00
Change in Total Mass = 65.750 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -4.7957 g/sq.ft.
Diffusion in from atmosphere = -15.733 g/sq.ft.
Diffusion in from water table = -5.3499 g/sq.ft.
Total inflow at boundaries = 65.750 g/sq.ft.
Mass discrepancy = 0.61035E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2598.9 g/sq.ft.
Advection in from atmosphere = 3023.8 g/sq.ft.
Advection in from water table = -52.827 g/sq.ft.
Diffusion in from atmosphere = -293.93 g/sq.ft.
Diffusion in from water table = -78.086 g/sq.ft.
Total inflow at boundaries = 2598.9 g/sq.ft.
Mass discrepancy = 0.31738E-02g/sq.ft.
WARNING!!! At time = 34.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 34.00, total mass in vadose zone = 2663.8 g/sq.ft.
Mass in gas phase = 27.749 g/sq.ft.
Mass in liquid phase = 177.70 g/sq.ft.
Mass sorbed = 2458.4 g/sq.ft.

Since last printout at time = 33.00
Change in Total Mass = 64.908 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -5.1135 g/sq.ft.
Diffusion in from atmosphere = -16.043 g/sq.ft.
Diffusion in from water table = -5.5644 g/sq.ft.
Total inflow at boundaries = 64.908 g/sq.ft.

Mass discrepancy = 0.22888E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2663.8 g/sq.ft.
Advection in from atmosphere = 3115.4 g/sq.ft.
Advection in from water table = -57.941 g/sq.ft.
Diffusion in from atmosphere = -309.98 g/sq.ft.
Diffusion in from water table = -83.650 g/sq.ft.
Total inflow at boundaries = 2663.8 g/sq.ft.
Mass discrepancy = 0.31738E-02g/sq.ft.
WARNING!!! At time = 35.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 35.00, total mass in vadose zone = 2727.9 g/sq.ft.
Mass in gas phase = 28.416 g/sq.ft.
Mass in liquid phase = 181.97 g/sq.ft.
Mass sorbed = 2517.5 g/sq.ft.

Since last printout at time = 34.00
Change in Total Mass = 64.064 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -5.4409 g/sq.ft.
Diffusion in from atmosphere = -16.345 g/sq.ft.
Diffusion in from water table = -5.7799 g/sq.ft.
Total inflow at boundaries = 64.064 g/sq.ft.
Mass discrepancy = 0.41199E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2727.9 g/sq.ft.
Advection in from atmosphere = 3207.0 g/sq.ft.
Advection in from water table = -63.382 g/sq.ft.
Diffusion in from atmosphere = -326.32 g/sq.ft.
Diffusion in from water table = -89.430 g/sq.ft.
Total inflow at boundaries = 2727.9 g/sq.ft.
Mass discrepancy = 0.36621E-02g/sq.ft.
WARNING!!! At time = 36.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 36.00, total mass in vadose zone = 2791.1 g/sq.ft.
Mass in gas phase = 29.075 g/sq.ft.
Mass in liquid phase = 186.19 g/sq.ft.
Mass sorbed = 2575.8 g/sq.ft.

Since last printout at time = 35.00
Change in Total Mass = 63.217 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -5.7777 g/sq.ft.
Diffusion in from atmosphere = -16.638 g/sq.ft.
Diffusion in from water table = -5.9963 g/sq.ft.
Total inflow at boundaries = 63.217 g/sq.ft.
Mass discrepancy = -0.19836E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2791.1 g/sq.ft.
Advection in from atmosphere = 3298.6 g/sq.ft.
Advection in from water table = -69.159 g/sq.ft.
Diffusion in from atmosphere = -342.96 g/sq.ft.
Diffusion in from water table = -95.426 g/sq.ft.
Total inflow at boundaries = 2791.1 g/sq.ft.
Mass discrepancy = 0.34180E-02g/sq.ft.
WARNING!!! At time = 37.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 37.00, total mass in vadose zone = 2853.5 g/sq.ft.
Mass in gas phase = 29.724 g/sq.ft.
Mass in liquid phase = 190.35 g/sq.ft.
Mass sorbed = 2633.4 g/sq.ft.

Since last printout at time = 36.00
Change in Total Mass = 62.369 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -6.1235 g/sq.ft.
Diffusion in from atmosphere = -16.923 g/sq.ft.
Diffusion in from water table = -6.2135 g/sq.ft.
Total inflow at boundaries = 62.368 g/sq.ft.
Mass discrepancy = 0.88882E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2853.5 g/sq.ft.
Advection in from atmosphere = 3390.3 g/sq.ft.
Advection in from water table = -75.283 g/sq.ft.
Diffusion in from atmosphere = -359.88 g/sq.ft.
Diffusion in from water table = -101.64 g/sq.ft.
Total inflow at boundaries = 2853.5 g/sq.ft.
Mass discrepancy = 0.43945E-02g/sq.ft.
WARNING!!! At time = 38.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 38.00, total mass in vadose zone = 2915.0 g/sq.ft.
Mass in gas phase = 30.365 g/sq.ft.
Mass in liquid phase = 194.45 g/sq.ft.
Mass sorbed = 2690.2 g/sq.ft.

Since last printout at time = 37.00
Change in Total Mass = 61.518 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -6.4781 g/sq.ft.
Diffusion in from atmosphere = -17.201 g/sq.ft.
Diffusion in from water table = -6.4312 g/sq.ft.
Total inflow at boundaries = 61.518 g/sq.ft.
Mass discrepancy = 0.76294E-05g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2915.0 g/sq.ft.
Advection in from atmosphere = 3481.9 g/sq.ft.
Advection in from water table = -81.761 g/sq.ft.
Diffusion in from atmosphere = -377.08 g/sq.ft.
Diffusion in from water table = -108.07 g/sq.ft.
Total inflow at boundaries = 2915.0 g/sq.ft.
Mass discrepancy = 0.43945E-02g/sq.ft.
WARNING!!! At time = 39.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 39.00, total mass in vadose zone = 2975.7 g/sq.ft.
Mass in gas phase = 30.997 g/sq.ft.
Mass in liquid phase = 198.50 g/sq.ft.
Mass sorbed = 2746.2 g/sq.ft.

Since last printout at time = 38.00
Change in Total Mass = 60.667 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -6.8413 g/sq.ft.
Diffusion in from atmosphere = -17.472 g/sq.ft.
Diffusion in from water table = -6.6494 g/sq.ft.
Total inflow at boundaries = 60.667 g/sq.ft.
Mass discrepancy = 0.31662E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 2975.7 g/sq.ft.
Advection in from atmosphere = 3573.5 g/sq.ft.
Advection in from water table = -88.602 g/sq.ft.

Diffusion in from atmosphere = -394.55 g/sq.ft.
Diffusion in from water table = -114.72 g/sq.ft.
Total inflow at boundaries = 2975.7 g/sq.ft.
Mass discrepancy = 0.46387E-02g/sq.ft.
WARNING!!! At time = 40.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 40.00, total mass in vadose zone = 3035.5 g/sq.ft.
Mass in gas phase = 31.620 g/sq.ft.
Mass in liquid phase = 202.49 g/sq.ft.
Mass sorbed = 2801.4 g/sq.ft.

Since last printout at time = 39.00
Change in Total Mass = 59.814 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -7.2126 g/sq.ft.
Diffusion in from atmosphere = -17.734 g/sq.ft.
Diffusion in from water table = -6.8680 g/sq.ft.
Total inflow at boundaries = 59.814 g/sq.ft.
Mass discrepancy = 0.76294E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3035.5 g/sq.ft.
Advection in from atmosphere = 3665.2 g/sq.ft.
Advection in from water table = -95.815 g/sq.ft.
Diffusion in from atmosphere = -412.29 g/sq.ft.
Diffusion in from water table = -121.59 g/sq.ft.
Total inflow at boundaries = 3035.5 g/sq.ft.
Mass discrepancy = 0.46387E-02g/sq.ft.
WARNING!!! At time = 41.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 41.00, total mass in vadose zone = 3094.4 g/sq.ft.
Mass in gas phase = 32.234 g/sq.ft.
Mass in liquid phase = 206.42 g/sq.ft.
Mass sorbed = 2855.8 g/sq.ft.

Since last printout at time = 40.00
Change in Total Mass = 58.960 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -7.5918 g/sq.ft.
Diffusion in from atmosphere = -17.990 g/sq.ft.
Diffusion in from water table = -7.0866 g/sq.ft.
Total inflow at boundaries = 58.960 g/sq.ft.

Mass discrepancy = -0.19073E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3094.4 g/sq.ft.
Advection in from atmosphere = 3756.8 g/sq.ft.
Advection in from water table = -103.41 g/sq.ft.
Diffusion in from atmosphere = -430.28 g/sq.ft.
Diffusion in from water table = -128.68 g/sq.ft.
Total inflow at boundaries = 3094.4 g/sq.ft.
Mass discrepancy = 0.46387E-02g/sq.ft.
WARNING!!! At time = 42.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 42.00, total mass in vadose zone = 3152.5 g/sq.ft.
Mass in gas phase = 32.840 g/sq.ft.
Mass in liquid phase = 210.30 g/sq.ft.
Mass sorbed = 2909.4 g/sq.ft.

Since last printout at time = 41.00
Change in Total Mass = 58.106 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -7.9785 g/sq.ft.
Diffusion in from atmosphere = -18.239 g/sq.ft.
Diffusion in from water table = -7.3053 g/sq.ft.
Total inflow at boundaries = 58.106 g/sq.ft.
Mass discrepancy = -0.30518E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3152.5 g/sq.ft.
Advection in from atmosphere = 3848.4 g/sq.ft.
Advection in from water table = -111.39 g/sq.ft.
Diffusion in from atmosphere = -448.52 g/sq.ft.
Diffusion in from water table = -135.98 g/sq.ft.
Total inflow at boundaries = 3152.5 g/sq.ft.
Mass discrepancy = 0.46387E-02g/sq.ft.
WARNING!!! At time = 43.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 43.00, total mass in vadose zone = 3209.8 g/sq.ft.
Mass in gas phase = 33.436 g/sq.ft.
Mass in liquid phase = 214.11 g/sq.ft.
Mass sorbed = 2962.2 g/sq.ft.

Since last printout at time = 42.00
Change in Total Mass = 57.252 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -8.3724 g/sq.ft.
Diffusion in from atmosphere = -18.481 g/sq.ft.
Diffusion in from water table = -7.5239 g/sq.ft.
Total inflow at boundaries = 57.251 g/sq.ft.
Mass discrepancy = 0.22507E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3209.8 g/sq.ft.
Advection in from atmosphere = 3940.0 g/sq.ft.
Advection in from water table = -119.76 g/sq.ft.
Diffusion in from atmosphere = -467.00 g/sq.ft.
Diffusion in from water table = -143.50 g/sq.ft.
Total inflow at boundaries = 3209.8 g/sq.ft.
Mass discrepancy = 0.48828E-02g/sq.ft.
WARNING!!! At time = 44.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 44.00, total mass in vadose zone = 3266.2 g/sq.ft.
Mass in gas phase = 34.024 g/sq.ft.
Mass in liquid phase = 217.88 g/sq.ft.
Mass sorbed = 3014.3 g/sq.ft.

Since last printout at time = 43.00
Change in Total Mass = 56.397 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -8.7732 g/sq.ft.
Diffusion in from atmosphere = -18.717 g/sq.ft.
Diffusion in from water table = -7.7422 g/sq.ft.
Total inflow at boundaries = 56.397 g/sq.ft.
Mass discrepancy = 0.43869E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3266.2 g/sq.ft.
Advection in from atmosphere = 4031.7 g/sq.ft.
Advection in from water table = -128.53 g/sq.ft.
Diffusion in from atmosphere = -485.72 g/sq.ft.
Diffusion in from water table = -151.25 g/sq.ft.
Total inflow at boundaries = 3266.2 g/sq.ft.
Mass discrepancy = 0.53711E-02g/sq.ft.
WARNING!!! At time = 45.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 45.00, total mass in vadose zone = 3321.7 g/sq.ft.
Mass in gas phase = 34.602 g/sq.ft.
Mass in liquid phase = 221.58 g/sq.ft.
Mass sorbed = 3065.5 g/sq.ft.

Since last printout at time = 44.00
Change in Total Mass = 55.543 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -9.1805 g/sq.ft.
Diffusion in from atmosphere = -18.945 g/sq.ft.
Diffusion in from water table = -7.9601 g/sq.ft.
Total inflow at boundaries = 55.543 g/sq.ft.
Mass discrepancy = 0.41962E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3321.7 g/sq.ft.
Advection in from atmosphere = 4123.3 g/sq.ft.
Advection in from water table = -137.71 g/sq.ft.
Diffusion in from atmosphere = -504.66 g/sq.ft.
Diffusion in from water table = -159.21 g/sq.ft.
Total inflow at boundaries = 3321.7 g/sq.ft.
Mass discrepancy = 0.51270E-02g/sq.ft.
WARNING!!! At time = 46.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 46.00, total mass in vadose zone = 3376.4 g/sq.ft.
Mass in gas phase = 35.172 g/sq.ft.
Mass in liquid phase = 225.23 g/sq.ft.
Mass sorbed = 3116.0 g/sq.ft.

Since last printout at time = 45.00
Change in Total Mass = 54.689 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -9.5939 g/sq.ft.
Diffusion in from atmosphere = -19.168 g/sq.ft.
Diffusion in from water table = -8.1775 g/sq.ft.
Total inflow at boundaries = 54.690 g/sq.ft.
Mass discrepancy = -0.72479E-04g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3376.4 g/sq.ft.
Advection in from atmosphere = 4214.9 g/sq.ft.
Advection in from water table = -147.31 g/sq.ft.

Diffusion in from atmosphere = -523.83 g/sq.ft.
Diffusion in from water table = -167.38 g/sq.ft.
Total inflow at boundaries = 3376.4 g/sq.ft.
Mass discrepancy = 0.51270E-02g/sq.ft.
WARNING!!! At time = 47.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 47.00, total mass in vadose zone = 3430.3 g/sq.ft.
Mass in gas phase = 35.733 g/sq.ft.
Mass in liquid phase = 228.82 g/sq.ft.
Mass sorbed = 3165.7 g/sq.ft.

Since last printout at time = 46.00
Change in Total Mass = 53.838 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -10.013 g/sq.ft.
Diffusion in from atmosphere = -19.384 g/sq.ft.
Diffusion in from water table = -8.3942 g/sq.ft.
Total inflow at boundaries = 53.837 g/sq.ft.
Mass discrepancy = 0.49591E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3430.3 g/sq.ft.
Advection in from atmosphere = 4306.6 g/sq.ft.
Advection in from water table = -157.32 g/sq.ft.
Diffusion in from atmosphere = -543.21 g/sq.ft.
Diffusion in from water table = -175.78 g/sq.ft.
Total inflow at boundaries = 3430.2 g/sq.ft.
Mass discrepancy = 0.56152E-02g/sq.ft.
WARNING!!! At time = 48.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 48.00, total mass in vadose zone = 3483.2 g/sq.ft.
Mass in gas phase = 36.285 g/sq.ft.
Mass in liquid phase = 232.36 g/sq.ft.
Mass sorbed = 3214.6 g/sq.ft.

Since last printout at time = 47.00
Change in Total Mass = 52.986 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -10.438 g/sq.ft.
Diffusion in from atmosphere = -19.595 g/sq.ft.
Diffusion in from water table = -8.6102 g/sq.ft.
Total inflow at boundaries = 52.986 g/sq.ft.

Mass discrepancy = 0.19836E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3483.2 g/sq.ft.
Advection in from atmosphere = 4398.2 g/sq.ft.
Advection in from water table = -167.76 g/sq.ft.
Diffusion in from atmosphere = -562.81 g/sq.ft.
Diffusion in from water table = -184.39 g/sq.ft.
Total inflow at boundaries = 3483.2 g/sq.ft.
Mass discrepancy = 0.58594E-02g/sq.ft.
WARNING!!! At time = 49.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 49.00, total mass in vadose zone = 3535.4 g/sq.ft.
Mass in gas phase = 36.828 g/sq.ft.
Mass in liquid phase = 235.83 g/sq.ft.
Mass sorbed = 3262.7 g/sq.ft.

Since last printout at time = 48.00
Change in Total Mass = 52.137 g/sq.ft.
Advection in from atmosphere = 91.629 g/sq.ft.
Advection in from water table = -10.868 g/sq.ft.
Diffusion in from atmosphere = -19.799 g/sq.ft.
Diffusion in from water table = -8.8253 g/sq.ft.
Total inflow at boundaries = 52.137 g/sq.ft.
Mass discrepancy = 0.40436E-03g/sq.ft.

Since beginning of run at time = 0.0
Change in Total Mass = 3535.4 g/sq.ft.
Advection in from atmosphere = 4489.8 g/sq.ft.
Advection in from water table = -178.62 g/sq.ft.
Diffusion in from atmosphere = -582.61 g/sq.ft.
Diffusion in from water table = -193.21 g/sq.ft.
Total inflow at boundaries = 3535.4 g/sq.ft.
Mass discrepancy = 0.63477E-02g/sq.ft.
WARNING!!! At time = 50.00, aqueous solubility was exceeded in 10 cells.

Polygon 1
At time = 50.00, total mass in vadose zone = 3586.7 g/sq.ft.
Mass in gas phase = 37.362 g/sq.ft.
Mass in liquid phase = 239.26 g/sq.ft.
Mass sorbed = 3310.1 g/sq.ft.

Since last printout at time = 49.00

Change in Total Mass = 51.290 g/sq.ft.

Advection in from atmosphere = 91.629 g/sq.ft.

Advection in from water table = -11.302 g/sq.ft.

Diffusion in from atmosphere = -19.998 g/sq.ft.

Diffusion in from water table = -9.0394 g/sq.ft.

Total inflow at boundaries = 51.290 g/sq.ft.

Mass discrepancy = 0.28610E-03g/sq.ft.

Since beginning of run at time = 0.0

Change in Total Mass = 3586.7 g/sq.ft.

Advection in from atmosphere = 4581.4 g/sq.ft.

Advection in from water table = -189.93 g/sq.ft.

Diffusion in from atmosphere = -602.61 g/sq.ft.

Diffusion in from water table = -202.25 g/sq.ft.

Total inflow at boundaries = 3586.7 g/sq.ft.

Mass discrepancy = 0.65918E-02g/sq.ft.

GROUNDWATER IMPACT OF POLYGON 1

Time	Mass flux (g/yr/sq.ft.)	Total Mass(g/yr)
1.00	0.22286E-01	28.749
2.00	0.13777	177.73
3.00	0.26391	340.44
4.00	0.40110	517.42
5.00	0.54973	709.16
6.00	0.71019	916.14
7.00	0.88281	1138.8
8.00	1.0679	1377.6
9.00	1.2659	1633.0
10.00	1.4769	1905.2
11.00	1.7013	2194.7
12.00	1.9392	2501.6
13.00	2.1909	2826.3
14.00	2.4566	3169.0
15.00	2.7363	3529.8
16.00	3.0302	3909.0
17.00	3.3383	4306.4
18.00	3.6607	4722.4
19.00	3.9975	5156.7
20.00	4.3484	5609.5
21.00	4.7136	6080.6
22.00	5.0930	6569.9

23.00	5.4863	7077.3
24.00	5.8935	7602.6
25.00	6.3144	8145.6
26.00	6.7488	8706.0
27.00	7.1965	9283.5
28.00	7.6572	9877.8
29.00	8.1306	10489.
30.00	8.6165	11115.
31.00	9.1145	11758.
32.00	9.6244	12415.
33.00	10.146	13088.
34.00	10.678	13774.
35.00	11.221	14475.
36.00	11.774	15188.
37.00	12.337	15915.
38.00	12.909	16653.
39.00	13.491	17403.
40.00	14.081	18164.
41.00	14.678	18935.
42.00	15.284	19716.
43.00	15.896	20506.
44.00	16.515	21305.
45.00	17.141	22111.
46.00	17.771	22925.
47.00	18.407	23746.
48.00	19.048	24572.
49.00	19.693	25404.
50.00	20.341	26240.

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TOTAL GROUNDWATER IMPACT

Time (yr)	Mass (g/yr)	Cumulative Mass (g)
1.00	28.749	28.749
2.00	177.73	206.48
3.00	340.44	546.92
4.00	517.42	1064.3
5.00	709.16	1773.5
6.00	916.14	2689.6
7.00	1138.8	3828.5
8.00	1377.6	5206.1
9.00	1633.0	6839.1
10.00	1905.2	8744.3

11.00	2194.7	10939.
12.00	2501.6	13441.
13.00	2826.3	16267.
14.00	3169.0	19436.
15.00	3529.8	22966.
16.00	3909.0	26875.
17.00	4306.4	31181.
18.00	4722.4	35903.
19.00	5156.7	41060.
20.00	5609.5	46670.
21.00	6080.6	52750.
22.00	6569.9	59320.
23.00	7077.3	66397.
24.00	7602.6	74000.
25.00	8145.6	82146.
26.00	8706.0	90852.
27.00	9283.5	0.10014E+06
28.00	9877.8	0.11001E+06
29.00	10489.	0.12050E+06
30.00	11115.	0.13162E+06
31.00	11758.	0.14337E+06
32.00	12415.	0.15579E+06
33.00	13088.	0.16888E+06
34.00	13774.	0.18265E+06
35.00	14475.	0.19713E+06
36.00	15188.	0.21232E+06
37.00	15915.	0.22823E+06
38.00	16653.	0.24488E+06
39.00	17403.	0.26229E+06
40.00	18164.	0.28045E+06
41.00	18935.	0.29939E+06
42.00	19716.	0.31910E+06
43.00	20506.	0.33961E+06
44.00	21305.	0.36091E+06
45.00	22111.	0.38302E+06
46.00	22925.	0.40595E+06
47.00	23746.	0.42969E+06
48.00	24572.	0.45427E+06
49.00	25404.	0.47967E+06
50.00	26240.	0.50591E+06

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|-----------------------------------------------------------|
 |                 VLEACH (Version 2.2a, 1996)               |
 |                                                           |
 |                            By:                            |
 |        Varadhan Ravi and Jeffrey A. Johnson               |
 |                  (USEPA Contractors)                      |
 |        Center for Subsurface Modeling Support             |
 |        Robert S. Kerr Environmental Research Laboratory   |
 |        U.S. Environmental Protection Agency               |
 |        P.O. Box 1198                                      |
 |        Ada, OK 74820                                      |
 |                                                           |
 |        Based on the original VLEACH (version 1.0)         |
 |        developed by CH2M Hill, Redding, California        |
 |        for USEPA Region IX                                |
 |-----------------------------------------------------------|
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Polygon1
Time: 0.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	0.0000	0.0000	0.0000
2	0.0000	0.0000	0.0000
3	0.0000	0.0000	0.0000
4	0.0000	0.0000	0.0000
5	0.0000	0.0000	0.0000
6	0.0000	0.0000	0.0000
7	0.0000	0.0000	0.0000
8	0.0000	0.0000	0.0000
9	0.0000	0.0000	0.0000
10	0.0000	0.0000	0.0000

Polygon1
Time: 1.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	1.4652	6.0048	0.45274E-03
2	0.63751	2.6128	0.19699E-03
3	0.27739	1.1368	0.85714E-04
4	0.12070	0.49465	0.37295E-04
5	0.52516E-01	0.21523	0.16227E-04
6	0.22850E-01	0.93649E-01	0.70608E-05
7	0.99424E-02	0.40748E-01	0.30722E-05
8	0.43261E-02	0.17730E-01	0.13368E-05
9	0.18823E-02	0.77144E-02	0.58164E-06
10	0.81902E-03	0.33566E-02	0.25308E-06

Polygon1
Time: 2.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	2.8306	11.601	0.87464E-03

2	1.2801	5.2463	0.39555E-03
3	0.57825	2.3699	0.17868E-03
4	0.26100	1.0697	0.80648E-04
5	0.11776	0.48261	0.36387E-04
6	0.53144E-01	0.21780	0.16422E-04
7	0.24009E-01	0.98397E-01	0.74188E-05
8	0.10864E-01	0.44526E-01	0.33571E-05
9	0.49186E-02	0.20158E-01	0.15199E-05
10	0.22106E-02	0.90599E-02	0.68309E-06

Polygon1
Time: 3.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	4.1030	16.815	0.12678E-02
2	1.9241	7.8857	0.59456E-03
3	0.89973	3.6874	0.27802E-03
4	0.41980	1.7205	0.12972E-03
5	0.19561	0.80169	0.60445E-04
6	0.91129E-01	0.37348	0.28159E-04
7	0.42499E-01	0.17418	0.13132E-04
8	0.19857E-01	0.81381E-01	0.61358E-05
9	0.92766E-02	0.38019E-01	0.28665E-05
10	0.42814E-02	0.17547E-01	0.13230E-05

Polygon1
Time: 4.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	5.2888	21.675	0.16342E-02
2	2.5664	10.518	0.79303E-03
3	1.2392	5.0785	0.38290E-03
4	0.59598	2.4425	0.18416E-03
5	0.28590	1.1717	0.88343E-04
6	0.13700	0.56147	0.42333E-04
7	0.65682E-01	0.26919	0.20296E-04
8	0.31535E-01	0.12924	0.97445E-05
9	0.15123E-01	0.61980E-01	0.46730E-05
10	0.71406E-02	0.29265E-01	0.22065E-05

Polygon1
Time: 5.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	6.3939	26.204	0.19757E-02
2	3.2043	13.133	0.99015E-03
3	1.5940	6.5328	0.49255E-03

4	0.78839	3.2311	0.24361E-03
5	0.38836	1.5916	0.12000E-03
6	0.19089	0.78234	0.58985E-04
7	0.93798E-01	0.38442	0.28984E-04
8	0.46119E-01	0.18901	0.14251E-04
9	0.22622E-01	0.92714E-01	0.69903E-05
10	0.10900E-01	0.44670E-01	0.33680E-05

Polygon1
Time: 6.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	7.4238	30.425	0.22940E-02
2	3.8355	15.719	0.11852E-02
3	1.9619	8.0408	0.60624E-03
4	0.99587	4.0814	0.30773E-03
5	0.50269	2.0602	0.15533E-03
6	0.25289	1.0364	0.78144E-04
7	0.12706	0.52072	0.39261E-04
8	0.63813E-01	0.26153	0.19718E-04
9	0.31936E-01	0.13088	0.98681E-05
10	0.15671E-01	0.64225E-01	0.48423E-05

Polygon1
Time: 7.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	8.3836	34.359	0.25906E-02
2	4.4578	18.270	0.13775E-02
3	2.3408	9.5934	0.72331E-03
4	1.2173	4.9888	0.37614E-03
5	0.62853	2.5759	0.19422E-03
6	0.32304	1.3239	0.99820E-04
7	0.16564	0.67884	0.51182E-04
8	0.84810E-01	0.34758	0.26207E-04
9	0.43219E-01	0.17713	0.13355E-04
10	0.21567E-01	0.88391E-01	0.66643E-05

Polygon1
Time: 8.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	9.2782	38.026	0.28670E-02
2	5.0697	20.777	0.15665E-02
3	2.7285	11.182	0.84311E-03
4	1.4514	5.9485	0.44850E-03
5	0.76546	3.1371	0.23653E-03

6	0.40133	1.6448	0.12401E-03
7	0.20969	0.85938	0.64794E-04
8	0.10929	0.44790	0.33770E-04
9	0.56626E-01	0.23207	0.17497E-04
10	0.28702E-01	0.11763	0.88689E-05

Polygon1
Time: 9.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	10.112	41.443	0.31246E-02
2	5.6696	23.236	0.17519E-02
3	3.1232	12.800	0.96507E-03
4	1.6973	6.9560	0.52446E-03
5	0.91306	3.7420	0.28214E-03
6	0.48772	1.9988	0.15071E-03
7	0.25933	1.0628	0.80134E-04
8	0.13741	0.56314	0.42459E-04
9	0.72300E-01	0.29631	0.22341E-04
10	0.37187E-01	0.15240	0.11491E-04

Polygon1
Time: 10.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	10.889	44.628	0.33648E-02
2	6.2565	25.641	0.19333E-02
3	3.5232	14.439	0.10887E-02
4	1.9536	8.0067	0.60367E-03
5	1.0708	4.3887	0.33089E-03
6	0.58212	2.3857	0.17987E-03
7	0.31466	1.2896	0.97231E-04
8	0.16931	0.69390	0.52318E-04
9	0.90381E-01	0.37041	0.27928E-04
10	0.47132E-01	0.19316	0.14564E-04

Polygon1
Time: 11.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	11.613	47.596	0.35886E-02
2	6.8293	27.989	0.21103E-02
3	3.9268	16.093	0.12134E-02
4	2.2195	9.0961	0.68581E-03
5	1.2383	5.0750	0.38264E-03
6	0.68440	2.8049	0.21148E-03
7	0.37574	1.5399	0.11611E-03

8	0.20514	0.84072	0.63387E-04
9	0.11100	0.45491	0.34299E-04
10	0.58646E-01	0.24035	0.18122E-04

Polygon1
Time: 12.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	12.289	50.363	0.37972E-02
2	7.3873	30.276	0.22827E-02
3	4.3326	17.757	0.13388E-02
4	2.4937	10.220	0.77055E-03
5	1.4149	5.7989	0.43722E-03
6	0.79442	3.2558	0.24548E-03
7	0.44261	1.8140	0.13677E-03
8	0.24499	1.0040	0.75702E-04
9	0.13428	0.55032	0.41492E-04
10	0.71834E-01	0.29440	0.22197E-04

Polygon1
Time: 13.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	12.918	52.943	0.39917E-02
2	7.9298	32.499	0.24503E-02
3	4.7393	19.423	0.14644E-02
4	2.7753	11.374	0.85757E-03
5	1.6002	6.5582	0.49446E-03
6	0.91200	3.7377	0.28181E-03
7	0.51529	2.1118	0.15923E-03
8	0.28897	1.1843	0.89291E-04
9	0.16033	0.65710	0.49543E-04
10	0.86799E-01	0.35573	0.26821E-04

Polygon1
Time: 14.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	13.505	55.347	0.41729E-02
2	8.4565	34.658	0.26131E-02
3	5.1456	21.089	0.15900E-02
4	3.0633	12.555	0.94658E-03
5	1.7935	7.3505	0.55420E-03
6	1.0369	4.2496	0.32041E-03
7	0.59376	2.4334	0.18347E-03
8	0.33715	1.3818	0.10418E-03
9	0.18927	0.77570	0.58485E-04

10	0.10364	0.42475	0.32025E-04

Polygon1
Time: 15.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	14.051	57.588	0.43419E-02
2	8.9669	36.750	0.27708E-02
3	5.5504	22.748	0.17151E-02
4	3.3569	13.758	0.10373E-02
5	1.9944	8.1737	0.61627E-03
6	1.1689	4.7907	0.36120E-03
7	0.67799	2.7786	0.20950E-03
8	0.38961	1.5968	0.12039E-03
9	0.22118	0.90649	0.68346E-04
10	0.12245	0.50184	0.37837E-04

Polygon1
Time: 16.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	14.561	59.677	0.44994E-02
2	9.4609	38.774	0.29234E-02
3	5.9528	24.397	0.18394E-02
4	3.6550	14.979	0.11294E-02
5	2.2022	9.0255	0.68049E-03
6	1.3078	5.3599	0.40412E-03
7	0.76792	3.1472	0.23729E-03
8	0.44639	1.8295	0.13793E-03
9	0.25616	1.0498	0.79154E-04
10	0.14332	0.58738	0.44286E-04

Polygon1
Time: 17.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.036	61.625	0.46463E-02
2	9.9384	40.731	0.30710E-02
3	6.3518	26.032	0.19627E-02
4	3.9568	16.216	0.12226E-02
5	2.4165	9.9035	0.74669E-03
6	1.4533	5.9561	0.44907E-03
7	0.86349	3.5389	0.26682E-03
8	0.50752	2.0800	0.15682E-03
9	0.29428	1.2061	0.90933E-04
10	0.16633	0.68170	0.51398E-04

Polygon1
Time: 18.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.480	63.441	0.47832E-02
2	10.399	42.620	0.32134E-02
3	6.7466	27.650	0.20847E-02
4	4.2615	17.465	0.13168E-02
5	2.6365	10.806	0.81470E-03
6	1.6051	6.5781	0.49597E-03
7	0.96459	3.9533	0.29806E-03
8	0.57301	2.3484	0.17706E-03
9	0.33561	1.3754	0.10370E-03
10	0.19157	0.78513	0.59196E-04

Polygon1
Time: 19.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	15.893	65.133	0.49108E-02
2	10.844	44.442	0.33508E-02
3	7.1365	29.248	0.22052E-02
4	4.5683	18.723	0.14116E-02
5	2.8619	11.729	0.88434E-03
6	1.7628	7.2247	0.54472E-03
7	1.0711	4.3898	0.33098E-03
8	0.64288	2.6348	0.19865E-03
9	0.38020	1.5582	0.11748E-03
10	0.21911	0.89799	0.67705E-04

Polygon1
Time: 20.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.278	66.712	0.50298E-02
2	11.272	46.197	0.34831E-02
3	7.5209	30.823	0.23240E-02
4	4.8766	19.986	0.15069E-02
5	3.0921	12.672	0.95546E-03
6	1.9263	7.8946	0.59522E-03
7	1.1829	4.8481	0.36553E-03
8	0.71711	2.9390	0.22159E-03
9	0.42811	1.7545	0.13229E-03
10	0.24901	1.0205	0.76945E-04

Polygon1
Time: 21.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.637	68.183	0.51408E-02
2	11.684	47.886	0.36104E-02
3	7.8992	32.374	0.24409E-02
4	5.1855	21.252	0.16023E-02
5	3.3264	13.633	0.10279E-02
6	2.0951	8.5865	0.64739E-03
7	1.2999	5.3276	0.40168E-03
8	0.79567	3.2609	0.24586E-03
9	0.47936	1.9646	0.14812E-03
10	0.28134	1.1530	0.86934E-04

Polygon1
Time: 22.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	16.972	69.555	0.52442E-02
2	12.080	49.509	0.37328E-02
3	8.2708	33.897	0.25557E-02
4	5.4946	22.519	0.16978E-02
5	3.5645	14.609	0.11014E-02
6	2.2690	9.2990	0.70111E-03
7	1.4219	5.8275	0.43937E-03
8	0.87853	3.6005	0.27147E-03
9	0.53399	2.1885	0.16500E-03
10	0.31615	1.2957	0.97691E-04

Polygon1
Time: 23.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	17.284	70.835	0.53407E-02
2	12.461	51.069	0.38504E-02
3	8.6355	35.391	0.26684E-02
4	5.8031	23.783	0.17932E-02
5	3.8058	15.597	0.11760E-02
6	2.4475	10.031	0.75628E-03
7	1.5487	6.3472	0.47856E-03
8	0.96562	3.9575	0.29838E-03
9	0.59201	2.4263	0.18293E-03
10	0.35350	1.4488	0.10923E-03

Polygon1
Time: 24.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	17.575	72.028	0.54306E-02

2	12.826	52.566	0.39633E-02
3	8.9927	36.856	0.27788E-02
4	6.1105	25.043	0.18881E-02
5	4.0497	16.597	0.12514E-02
6	2.6304	10.780	0.81281E-03
7	1.6802	6.8860	0.51918E-03
8	1.0569	4.3315	0.32658E-03
9	0.65343	2.6780	0.20191E-03
10	0.39342	1.6124	0.12157E-03

Polygon1
Time: 25.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	17.846	73.140	0.55145E-02
2	13.176	54.001	0.40715E-02
3	9.3423	38.288	0.28868E-02
4	6.4163	26.296	0.19826E-02
5	4.2959	17.606	0.13274E-02
6	2.8174	11.547	0.87058E-03
7	1.8161	7.4430	0.56118E-03
8	1.1523	4.7224	0.35606E-03
9	0.71824	2.9436	0.22194E-03
10	0.43595	1.7867	0.13471E-03

Polygon1
Time: 26.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	18.099	74.178	0.55928E-02
2	13.512	55.377	0.41752E-02
3	9.6840	39.688	0.29924E-02
4	6.7200	27.541	0.20765E-02
5	4.5438	18.622	0.14040E-02
6	3.0081	12.328	0.92950E-03
7	1.9563	8.0176	0.60450E-03
8	1.2517	5.1298	0.38677E-03
9	0.78645	3.2231	0.24301E-03
10	0.48112	1.9718	0.14867E-03

Polygon1
Time: 27.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	18.336	75.146	0.56657E-02
2	13.834	56.695	0.42746E-02
3	10.017	41.055	0.30954E-02

4	7.0211	28.775	0.21695E-02
5	4.7930	19.643	0.14810E-02
6	3.2021	13.123	0.98945E-03
7	2.1005	8.6088	0.64907E-03
8	1.3550	5.5533	0.41870E-03
9	0.85802	3.5165	0.26513E-03
10	0.52895	2.1678	0.16345E-03

Polygon1
Time: 28.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	18.556	76.048	0.57338E-02
2	14.141	57.956	0.43697E-02
3	10.343	42.388	0.31959E-02
4	7.3193	29.997	0.22617E-02
5	5.0431	20.669	0.15583E-02
6	3.3991	13.931	0.10503E-02
7	2.2486	9.2157	0.69483E-03
8	1.4621	5.9924	0.45180E-03
9	0.93292	3.8235	0.28827E-03
10	0.57946	2.3749	0.17906E-03

Polygon1
Time: 29.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	18.761	76.890	0.57972E-02
2	14.436	59.162	0.44606E-02
3	10.659	43.686	0.32938E-02
4	7.6142	31.206	0.23528E-02
5	5.2937	21.696	0.16358E-02
6	3.5989	14.750	0.11121E-02
7	2.4004	9.8376	0.74172E-03
8	1.5730	6.4466	0.48605E-03
9	1.0111	4.1440	0.31244E-03
10	0.63267	2.5929	0.19550E-03

Polygon1
Time: 30.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	18.953	77.675	0.58564E-02
2	14.717	60.316	0.45476E-02
3	10.968	44.950	0.33890E-02
4	7.9054	32.399	0.24428E-02
5	5.5444	22.723	0.17132E-02

6	3.8010	15.578	0.11745E-02
7	2.5555	10.473	0.78966E-03
8	1.6874	6.9156	0.52141E-03
9	1.0926	4.4778	0.33761E-03
10	0.68856	2.8220	0.21277E-03

Polygon1
Time: 31.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.131	78.408	0.59116E-02
2	14.986	61.418	0.46307E-02
3	11.267	46.178	0.34817E-02
4	8.1927	33.577	0.25316E-02
5	5.7948	23.749	0.17906E-02
6	4.0052	16.415	0.12376E-02
7	2.7139	11.122	0.83859E-03
8	1.8053	7.3988	0.55784E-03
9	1.1773	4.8248	0.36377E-03
10	0.74715	3.0621	0.23087E-03

Polygon1
Time: 32.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.298	79.091	0.59632E-02
2	15.243	62.470	0.47100E-02
3	11.559	47.371	0.35716E-02
4	8.4757	34.736	0.26190E-02
5	6.0445	24.773	0.18678E-02
6	4.2112	17.259	0.13013E-02
7	2.8752	11.784	0.88843E-03
8	1.9265	7.8956	0.59530E-03
9	1.2651	5.1847	0.39091E-03
10	0.80841	3.3132	0.24980E-03

Polygon1
Time: 33.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.454	79.728	0.60112E-02
2	15.488	63.474	0.47857E-02
3	11.841	48.529	0.36589E-02
4	8.7542	35.878	0.27051E-02
5	6.2933	25.792	0.19446E-02
6	4.4185	18.109	0.13653E-02
7	3.0392	12.456	0.93913E-03

8	2.0509	8.4055	0.63374E-03
9	1.3559	5.5572	0.41899E-03
10	0.87235	3.5752	0.26956E-03

Polygon1
Time: 34.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.599	80.323	0.60561E-02
2	15.722	64.433	0.48580E-02
3	12.115	49.653	0.37436E-02
4	9.0281	37.000	0.27897E-02
5	6.5408	26.807	0.20211E-02
6	4.6271	18.963	0.14298E-02
7	3.2058	13.139	0.99060E-03
8	2.1784	8.9278	0.67312E-03
9	1.4498	5.9419	0.44800E-03
10	0.93892	3.8480	0.29013E-03

Polygon1
Time: 35.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.734	80.878	0.60979E-02
2	15.945	65.347	0.49269E-02
3	12.381	50.741	0.38257E-02
4	9.2970	38.102	0.28728E-02
5	6.7868	27.815	0.20971E-02
6	4.8365	19.822	0.14945E-02
7	3.3747	13.831	0.10428E-02
8	2.3087	9.4620	0.71340E-03
9	1.5466	6.3387	0.47791E-03
10	1.0081	4.1316	0.31151E-03

Polygon1
Time: 36.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.861	81.396	0.61370E-02
2	16.157	66.218	0.49926E-02
3	12.638	51.795	0.39052E-02
4	9.5608	39.184	0.29543E-02
5	7.0309	28.815	0.21726E-02
6	5.0464	20.682	0.15594E-02
7	3.5456	14.531	0.10956E-02
8	2.4418	10.007	0.75453E-03
9	1.6463	6.7471	0.50871E-03

10	1.0799	4.4258	0.33369E-03

Polygon1
Time: 37.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	19.979	81.879	0.61734E-02
2	16.360	67.048	0.50552E-02
3	12.887	52.815	0.39821E-02
4	9.8195	40.244	0.30342E-02
5	7.2729	29.807	0.22473E-02
6	5.2567	21.544	0.16243E-02
7	3.7184	15.239	0.11490E-02
8	2.5775	10.564	0.79645E-03
9	1.7487	7.1668	0.54035E-03
10	1.1542	4.7304	0.35665E-03

Polygon1
Time: 38.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.089	82.330	0.62074E-02
2	16.553	67.838	0.51148E-02
3	13.128	53.801	0.40564E-02
4	10.073	41.282	0.31125E-02
5	7.5126	30.789	0.23214E-02
6	5.4671	22.406	0.16893E-02
7	3.8928	15.954	0.12029E-02
8	2.7156	11.130	0.83913E-03
9	1.8538	7.5974	0.57281E-03
10	1.2310	5.0452	0.38039E-03

Polygon1
Time: 39.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.191	82.751	0.62391E-02
2	16.736	68.591	0.51715E-02
3	13.360	54.755	0.41283E-02
4	10.321	42.298	0.31891E-02
5	7.7497	31.761	0.23947E-02
6	5.6772	23.267	0.17543E-02
7	4.0686	16.675	0.12572E-02
8	2.8560	11.705	0.88251E-03
9	1.9614	8.0384	0.60607E-03
10	1.3103	5.3702	0.40489E-03

Polygon1
Time: 40.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.287	83.144	0.62688E-02
2	16.911	69.308	0.52256E-02
3	13.585	55.675	0.41977E-02
4	10.563	43.291	0.32640E-02
5	7.9840	32.721	0.24671E-02
6	5.8870	24.127	0.18191E-02
7	4.2456	17.400	0.13119E-02
8	2.9985	12.289	0.92654E-03
9	2.0714	8.4895	0.64008E-03
10	1.3920	5.7049	0.43013E-03

Polygon1
Time: 41.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.377	83.511	0.62964E-02
2	17.078	69.990	0.52770E-02
3	13.802	56.564	0.42647E-02
4	10.800	44.262	0.33372E-02
5	8.2154	33.670	0.25386E-02
6	6.0960	24.984	0.18837E-02
7	4.4236	18.130	0.13669E-02
8	3.1429	12.881	0.97117E-03
9	2.1839	8.9503	0.67482E-03
10	1.4760	6.0493	0.45610E-03

Polygon1
Time: 42.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.460	83.854	0.63223E-02
2	17.236	70.639	0.53259E-02
3	14.011	57.422	0.43294E-02
4	11.031	45.210	0.34086E-02
5	8.4437	34.605	0.26091E-02
6	6.3042	25.837	0.19480E-02
7	4.6024	18.862	0.14222E-02
8	3.2892	13.480	0.10164E-02
9	2.2985	9.4202	0.71025E-03
10	1.5624	6.4031	0.48277E-03

Polygon1
Time: 43.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.538	84.173	0.63464E-02
2	17.386	71.256	0.53724E-02
3	14.213	58.248	0.43917E-02
4	11.257	46.134	0.34783E-02
5	8.6687	35.528	0.26786E-02
6	6.5114	26.686	0.20120E-02
7	4.7818	19.598	0.14776E-02
8	3.4371	14.086	0.10621E-02
9	2.4153	9.8989	0.74634E-03
10	1.6509	6.7660	0.51013E-03

Polygon1
Time: 44.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.611	84.472	0.63689E-02
2	17.529	71.842	0.54166E-02
3	14.407	59.045	0.44518E-02
4	11.477	47.035	0.35463E-02
5	8.8903	36.436	0.27471E-02
6	6.7172	27.530	0.20756E-02
7	4.9616	20.334	0.15331E-02
8	3.5864	14.698	0.11082E-02
9	2.5342	10.386	0.78306E-03
10	1.7416	7.1377	0.53816E-03

Polygon1
Time: 45.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.679	84.751	0.63899E-02
2	17.666	72.400	0.54587E-02
3	14.594	59.813	0.45097E-02
4	11.691	47.913	0.36125E-02
5	9.1084	37.329	0.28145E-02
6	6.9216	28.367	0.21388E-02
7	5.1416	21.072	0.15887E-02
8	3.7371	15.316	0.11548E-02
9	2.6549	10.881	0.82036E-03
10	1.8344	7.5180	0.56683E-03

Polygon1
Time: 46.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.743	85.011	0.64095E-02
2	17.795	72.929	0.54986E-02
3	14.775	60.552	0.45654E-02
4	11.899	48.768	0.36770E-02
5	9.3228	38.208	0.28808E-02
6	7.1244	29.198	0.22015E-02
7	5.3216	21.810	0.16444E-02
8	3.8889	15.938	0.12017E-02
9	2.7774	11.383	0.85822E-03
10	1.9292	7.9065	0.59612E-03

Polygon1
Time: 47.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.802	85.254	0.64279E-02
2	17.918	73.433	0.55366E-02
3	14.948	61.264	0.46191E-02
4	12.102	49.600	0.37397E-02
5	9.5335	39.072	0.29459E-02
6	7.3254	30.022	0.22636E-02
7	5.5014	22.547	0.16999E-02
8	4.0417	16.564	0.12489E-02
9	2.9016	11.892	0.89659E-03
10	2.0259	8.3029	0.62601E-03

Polygon1
Time: 48.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.857	85.482	0.64450E-02
2	18.034	73.911	0.55726E-02
3	15.115	61.948	0.46707E-02
4	12.300	50.409	0.38007E-02
5	9.7403	39.919	0.30098E-02
6	7.5244	30.838	0.23251E-02
7	5.6809	23.283	0.17554E-02
8	4.1954	17.194	0.12964E-02
9	3.0273	12.407	0.93544E-03
10	2.1245	8.7069	0.65647E-03

Polygon1
Time: 49.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.909	85.694	0.64610E-02
2	18.145	74.365	0.56068E-02
3	15.276	62.606	0.47203E-02
4	12.492	51.196	0.38600E-02
5	9.9433	40.751	0.30725E-02
6	7.7214	31.645	0.23859E-02
7	5.8600	24.016	0.18107E-02
8	4.3497	17.827	0.13441E-02
9	3.1545	12.928	0.97473E-03
10	2.2248	9.1182	0.68748E-03

Polygon1
Time: 50.000

Cell	Cgas(g/cu.ft)	Cliq(g/cu.ft)	Csol(g/g)
1	20.958	85.892	0.64760E-02
2	18.250	74.796	0.56393E-02
3	15.430	63.239	0.47680E-02
4	12.678	51.960	0.39176E-02
5	10.142	41.567	0.31340E-02
6	7.9161	32.443	0.24461E-02
7	6.0384	24.747	0.18659E-02
8	4.5047	18.462	0.13919E-02
9	3.2829	13.455	0.10144E-02
10	2.3269	9.5364	0.71901E-03

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 |        Ada, OK 74820                                        |
 |                                                             |
 |        Based on the original VLEACH (version 1.0)           |
 |        developed by CH2M Hill, Redding, California          |
 |        for USEPA Region IX                                  |
 |-------------------------------------------------------------|
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Benceno Barranquilla

1 polygons.
Timestep = 1.00 years. Simulation length = 50.00 years.

Printout every 1.00 years. Vertical profile stored every 1.00 years.
Koc = 350.00 ml/g, 0.12360E-01cu.ft./g
Kh = 0.24400 (dimensionless).
Aqueous solubility = 106.00 mg/l, 3.0016 g/cu.ft
Free air diffusion coefficient = .62200 sq. m/day, 2443.8 sq.ft./yr

Polygon 1
Polygon1
Polygon area = 1290.0 sq. ft.
10 cells, each cell 2.300 ft. thick.
Soil Properties:
Bulk density = 1.6200 g/ml, 45874. g/cu.ft.
Porosity = 0.4100 Volumetric water content = 0.2500
Organic carbon content = 0.00610000
Recharge Rate = 0.88580000 ft/yr
Conc. in recharge water = 3653.0 mg/l, 103.44 g/cu.ft
Atmospheric concentration = 0.0000 mg/l, 0.0000 g/cu.ft
Water table has a fixed concentration of 0.0000 mg/l, 0.0000 g/cu.ft.
with respect to gas diffusion.