sen14 122
2
Sensitivity/Uncertainty Module for FRAMES
Beta Test version
14 2

ThickSrc	Thickness of waste zone from src2 (cm)
Length	Length of waste zone from src2 (cm)
Width	Width of waste zone from src2 (cm)
rhob	Bulk density of soil from src2 (g/cm^3)
MoistSrc	Moisture content from src2 (fraction)
porosity	Total porosity from src2 (fraction)
PbKd1	Equilibrium coefficients (kd), Lead, time # 1 from src2 (ml/g)
PbKd2	Equilibrium coefficients (kd), Lead, time # 2 from src2 (ml/g)
Darcy1	Darcy Vadose rate, time # 1 from src2 (cm/yr)
Darcy2	Darcy Vadose rate, time # 2 from src2 (cm/yr)
porVad	Soil total porosity from vad3 (percent)
KsatVad	Soil hydraulic conductivity from vad3 (cm/day)
rhobVad	Soil bulk density from vad3 (g/cm^3)
PbKdVad	Soil equilibrium coefficient, Lead from vad3 (ml/g)
waterflow.a	vad3 water yr
PbFlux.all.'	vad3 total (yr

100

realizations	ThickSrc	Length	Width	rhob	MoistSrc	porosity	PbKd1	PbKd2	Darcy1	Darcy2
1	3.08E+02	7.01E+03	2.97E+03	1.64E+00	2.16E-01	3.44E-01	3.36E+03	3362	1.71E-01	0.17085
2	3.94E+02	6.77E+03	6.37E+03	1.70E+00	8.99E-02	3.73E-01	5.21E+02	520.69	7.52E-02	0.075197
3	7.34E+02	1.08E+04	1.41E+03	1.77E+00	1.38E-01	4.05E-01	5.53E+02	553.4	1.09E-01	0.10857
4	3.77E+02	2.97E+03	3.30E+03	1.55E+00	1.31E-01	3.46E-01	6.26E+02	626.29	1.18E-01	0.11791
5	3.40E+02	3.39E+03	7.52E+03	1.54E+00	1.68E-01	3.87E-01	2.17E+03	2174.5	1.45E-01	0.1451
6	4.79E+02	9.04E+03	4.14E+03	1.67E+00	9.28E-02	3.65E-01	3.85E+02	384.86	1.16E-01	0.11565
7	7.05E+02	8.27E+03	8.77E+03	1.48E+00	7.93E-02	3.24E-01	2.97E+02	296.68	7.01E-02	0.070133
8	3.81E+02	8.45E+03	1.99E+03	1.47E+00	1.42E-01	3.58E-01	5.90E+02	590.11	1.14E-01	0.11421
9	6.15E+02	1.25E+04	1.63E+03	1.49E+00	9.56E-02	3.91E-01	9.07E+02	906.92	6.58E-02	0.065807
10	4.04E+02	1.47E+03	3.17E+03	1.68E+00	1.47E-01	3.38E-01	4.12E+02	412.08	1.20E-01	0.11985
11	5.40E+02	1.14E+04	1.77E+03	1.77E+00	1.77E-01	3.82E-01	9.31E+02	930.91	1.65E-01	0.1652
12	6.65E+02	4.45E+03	7.81E+03	1.50E+00	1.11E-01	4.22E-01	2.03E+03	2027.5	1.40E-01	0.14009
13	6.53E+02	6.49E+03	7.24E+03	1.68E+00	1.58E-01	3.05E-01	8.16E+02	815.68	1.24E-01	0.12398
14	4.45E+02	1.20E+04	1.36E+03	1.84E+00	2.00E-01	3.55E-01	2.79E+02	278.68	1.36E-01	0.13591
15	7.27E+02	1.18E+04	6.79E+03	1.72E+00	8.37E-02	3.49E-01	3.11E+03	3109.2	1.02E-01	0.10202
16	3.13E+02	1.10E+04	5.90E+03	1.72E+00	7.43E-02	3.62E-01	1.87E+03	1868.1	4.72E-02	0.047183
17	5.93E+02	1.07E+04	4.31E+03	1.63E+00	1.66E-01	4.29E-01	7.53E+02	753.14	1.31E-01	0.13056
18	3.34E+02	4.07E+03	7.18E+03	1.48E+00	1.72E-01	3.18E-01	3.67E+02	366.65	1.51E-01	0.15109
19	7.74E+02	7.56E+03	5.13E+03	1.69E+00	1.20E-01	4.30E-01	3.09E+02	308.97	9.79E-02	0.097853
20	5.75E+02	6.18E+03	2.46E+03	1.65E+00	1.81E-01	3.51E-01	1.83E+03	1834.1	1.26E-01	0.12626
21	5.15E+02	9.00E+03	1.94E+03	1.82E+00	5.76E-02	3.85E-01	7.63E+02	762.75	4.08E-02	0.040838
22	4.72E+02	8.78E+03	6.69E+03	1.75E+00	1.50E-01	3.09E-01	4.28E+02	428.47	1.55E-01	0.15474
23	6.49E+02	4.95E+03	4.70E+03	1.73E+00	8.42E-02	4.13E-01	1.02E+03	1015.3	8.91E-02	0.08908
24	8.15E+02	1.26E+04	6.97E+03	1.57E+00	1.37E-01	3.31E-01	2.31E+03	2307.6	8.73E-02	0.087282
25	5.55E+02	1.24E+04	1.51E+03	1.50E+00	2.23E-01	3.90E-01	1.30E+03	1302.5	1.74E-01	0.17424
26	5.81E+02	1.11E+04	8.90E+03	1.51E+00	7.35E-02	4.25E-01	1.13E+03	1126.3	5.68E-02	0.056793
27	6.78E+02	1.22E+04	8.85E+03	1.78E+00	1.03E-01	3.80E-01	2.96E+03	2963.8	7.95E-02	0.079511
28	7.79E+02	9.62E+03	6.21E+03	1.62E+00	1.83E-01	3.72E-01	4.22E+03	4223	1.59E-01	0.15919
29	6.32E+02	1.05E+04	8.09E+03	1.56E+00	1.99E-01	3.07E-01	4.40E+02	439.85	1.75E-01	0.17454
30	4.88E+02	1.01E+04	5.38E+03	1.53E+00	2.21E-01	3.94E-01	3.27E+03	3270.5	1.64E-01	0.16437
31	7.85E+02	1.02E+03	5.73E+03	1.83E+00	1.44E-01	4.25E-01	1.94E+03	1944.6	1.34E-01	0.13378
32	5.86E+02	5.33E+03	6.27E+03	1.61E+00	1.93E-01	3.68E-01	4.79E+02	478.57	1.78E-01	0.17753
33	5.11E+02	7.34E+03	7.16E+02	1.57E+00	1.18E-01	4.36E-01	9.96E+02	996.03	7.65E-02	0.076469
34	4.02E+02	6.25E+03	2.32E+03	1.66E+00	7.02E-02	4.38E-01	2.53E+03	2530.7	5.34E-02	0.05335
35	3.62E+02	9.24E+03	1.87E+03	1.71E+00	1.28E-01	4.27E-01	3.11E+02	310.78	9.58E-02	0.095775
36	6.77E+02	9.45E+03	1.20E+03	1.54E+00	2.03E-01	3.34E-01	1.19E+03	1185.1	1.86E-01	0.18641
37	8.07E+02	1.14E+04	3.49E+03	1.79E+00	1.54E-01	4.10E-01	3.53E+03	3534.8	1.32E-01	0.13156
38	8.22E+02	1.42E+03	5.07E+03	1.61E+00	1.09E-01	3.39E-01	2.87E+03	2872.3	8.10E-02	0.080954
39	4.51E+02	7.36E+03	4.87E+03	1.79E+00	7.62E-02	3.83E-01	7.32E+02	731.83	6.48E-02	0.064767
40	4.09E+02	1.04E+04	7.97E+03	1.58E+00	1.16E-01	4.08E-01	3.56E+02	356.22	6.99E-02	0.069933
41	5.61E+02	5.64E+03	9.38E+02	1.54E+00	2.06E-01	3.28E-01	4.08E+02	407.5	1.82E-01	0.18173
42	3.21E+02	2.04E+03	6.85E+03	1.52E+00	1.96E-01	4.44E-01	1.41E+03	1407.9	1.83E-01	0.18339
43	6.95E+02	5.05E+03	3.94E+03	1.64E+00	1.91E-01	3.78E-01	8.54E+02	854.2	1.88E-01	0.18832
44	5.74E+02	4.72E+03	3.59E+02	1.53E+00	1.72E-01	4.42E-01	2.40E+03	2395.7	1.61E-01	0.16133
45	5.96E+02	3.21E+03	5.54E+03	1.81E+00	1.40E-01	3.49E-01	2.21E+03	2208.5	7.93E-02	0.079307
46	6.46E+02	5.74E+03	7.04E+03	1.52E+00	2.14E-01	3.53E-01	1.06E+03	1056.4	1.68E-01	0.16784
47	6.68E+02	3.57E+03	2.60E+03	1.80E+00	1.76E-01	3.84E-01	4.08E+03	4078.2	1.57E-01	0.15723
48	6.23E+02	1.24E+03	6.07E+03	1.67E+00	1.30E-01	3.93E-01	1.26E+03	1261.7	1.49E-01	0.14912
49	7.91E+02	5.21E+03	2.64E+03	1.70E+00	1.61E-01	3.60E-01	4.01E+03	4007.9	8.39E-02	0.083945
50	6.28E+02	3.06E+03	2.21E+03	1.49E+00	1.63E-01	4.18E-01	4.61E+02	460.62	8.52E-02	0.085231
51	3.66E+02	1.10E+03	3.42E+03	1.79E+00	6.04E-02	4.00E-01	3.14E+03	3139.1	4.55E-02	0.045535
52	4.38E+02	4.58E+03	7.65E+03	1.56E+00	6.56E-02	3.96E-01	4.25E+03	4247.8	6.10E-02	0.061016
53	3.87E+02	1.68E+03	8.22E+03	1.83E+00	1.17E-01	3.76E-01	1.48E+03	1476.9	1.07E-01	0.10716
54	6.89E+02	1.16E+04	2.34E+03	1.60E+00	1.68E-01	3.75E-01	6.50E+02	649.81	1.43E-01	0.14333
55	3.27E+02	6.63E+03	1.16E+03	1.59E+00	8.10E-02	3.15E-01	3.60E+03	3604.5	5.95E-02	0.059512
56	4.19E+02	8.56E+03	4.09E+03	1.85E+00	1.95E-01	3.35E-01	1.10E+03	1103.9	1.71E-01	0.17139
57	7.96E+02	6.44E+03	7.61E+02	1.71E+00	6.95E-02	4.34E-01	6.64E+02	663.75	6.29E-02	0.062866
58	7.46E+02	1.28E+04	3.71E+03	1.70E+00	1.75E-01	4.14E-01	2.89E+02	288.63	1.63E-01	0.16335

realizations	ThickSrc	Length	Width	rhob	MoistSrc	porosity	PbKd1	PbKd2	Darcy1	Darcy2
59	5.44E+02	3.67E+03	6.64E+03	1.83E+00	1.48E-01	3.63E-01	8.37E+02	836.78	1.28E-01	0.12794
60	4.94E+02	7.80E+03	4.80E+03	1.75E+00	1.05E-01	3.03E-01	5.75E+02	574.55	9.22E-02	0.09218
61	5.38E+02	3.83E+03	9.03E+03	1.77E+00	2.17E-01	3.33E-01	3.82E+03	3823.9	1.85E-01	0.18525
62	4.46E+02	7.64E+03	3.88E+03	1.56E+00	2.20E-01	3.25E-01	2.64E+03	2636.5	1.92E-01	0.19201
63	3.89E+02	3.94E+02	2.72E+03	1.76E+00	2.24E-01	4.05E-01	1.61E+03	1606.6	1.91E-01	0.19129
64	3.41E+02	9.99E+03	6.51E+03	1.61E+00	1.88E-01	3.98E-01	5.65E+02	565.17	1.78E-01	0.17796
65	3.49E+02	1.29E+04	4.43E+03	1.84E+00	8.75E-02	3.67E-01	9.60E+02	960.38	9.09E-02	0.090924
66	4.15E+02	5.29E+02	4.51E+03	1.67E+00	1.80E-01	4.33E-01	8.83E+02	882.76	1.43E-01	0.14298
67	7.40E+02	2.50E+03	4.26E+02	1.68E+00	1.46E-01	3.43E-01	3.40E+02	340.05	1.12E-01	0.11247
68	4.57E+02	8.11E+03	9.11E+03	1.65E+00	1.90E-01	4.37E-01	3.91E+02	391.42	1.38E-01	0.13799
69	5.25E+02	3.29E+03	5.02E+02	1.74E+00	1.56E-01	3.16E-01	2.44E+03	2435	1.01E-01	0.10064
70	7.60E+02	2.31E+03	6.48E+03	1.73E+00	1.01E-01	4.12E-01	2.06E+03	2063.6	6.69E-02	0.066861
71	4.83E+02	7.16E+03	8.46E+03	1.84E+00	8.68E-02	4.31E-01	6.97E+02	696.57	5.83E-02	0.05827
72	7.54E+02	1.91E+03	4.23E+03	1.51E+00	1.64E-01	3.30E-01	2.68E+03	2675.1	1.12E-01	0.11206
73	5.29E+02	2.67E+03	3.06E+03	1.50E+00	9.15E-02	3.22E-01	3.49E+03	3487.5	9.38E-02	0.093801
74	3.17E+02	8.74E+03	8.38E+03	1.52E+00	6.48E-02	3.47E-01	2.28E+03	2280.2	4.25E-02	0.042467
75	4.97E+02	6.92E+03	1.02E+03	1.76E+00	1.14E-01	3.42E-01	3.70E+03	3704.1	1.21E-01	0.12106
76	7.13E+02	9.79E+03	7.40E+03	1.82E+00	2.09E-01	4.42E-01	7.80E+02	780.2	1.69E-01	0.16939
77	4.69E+02	1.02E+04	5.97E+03	1.71E+00	1.24E-01	4.21E-01	1.54E+03	1539.7	1.35E-01	0.13529
78	5.66E+02	1.30E+04	2.93E+03	1.59E+00	2.13E-01	4.03E-01	2.92E+03	2916.8	1.51E-01	0.15084
79	7.17E+02	2.37E+03	5.91E+02	1.75E+00	5.37E-02	3.16E-01	3.23E+02	323.13	5.45E-02	0.054508
80	7.21E+02	5.90E+03	2.11E+03	1.48E+00	6.27E-02	4.17E-01	3.77E+02	376.99	3.93E-02	0.039317
81	3.70E+02	1.12E+04	3.76E+03	1.64E+00	9.77E-02	3.54E-01	2.78E+03	2782.8	7.46E-02	0.074583
82	8.11E+02	1.19E+04	8.57E+03	1.74E+00	1.87E-01	3.78E-01	1.15E+03	1147.8	1.58E-01	0.15758
83	7.99E+02	7.92E+03	8.68E+03	1.63E+00	1.52E-01	4.15E-01	1.58E+03	1575.9	1.41E-01	0.14098
84	4.29E+02	8.09E+03	5.82E+03	1.80E+00	2.11E-01	3.12E-01	1.03E+03	1033.6	1.80E-01	0.17988
85	7.44E+02	8.24E+02	8.26E+03	1.60E+00	1.56E-01	3.37E-01	2.77E+02	276.52	8.59E-02	0.085909
86	5.51E+02	4.18E+03	7.83E+03	1.69E+00	5.53E-02	4.08E-01	5.41E+02	541.09	3.75E-02	0.037457
87	7.70E+02	2.14E+03	1.62E+03	1.55E+00	6.70E-02	3.20E-01	1.77E+03	1768.6	5.06E-02	0.050649
88	6.04E+02	1.78E+03	5.61E+03	1.59E+00	1.13E-01	3.97E-01	1.37E+03	1369.6	9.94E-02	0.099365
89	6.17E+02	5.51E+03	9.01E+02	1.81E+00	1.27E-01	3.11E-01	6.89E+02	689.04	1.06E-01	0.10568
90	6.09E+02	2.85E+03	2.82E+03	1.73E+00	1.02E-01	4.40E-01	5.08E+02	508.37	1.04E-01	0.1039
91	4.65E+02	4.32E+03	7.28E+03	1.76E+00	9.71E-02	3.06E-01	1.23E+03	1233.5	7.20E-02	0.072031
92	6.84E+02	3.95E+03	5.30E+03	1.49E+00	7.77E-02	3.57E-01	1.95E+03	1949.2	5.13E-02	0.051327
93	4.26E+02	9.65E+03	3.39E+03	1.78E+00	1.07E-01	3.28E-01	1.35E+03	1345.3	4.92E-02	0.04915
94	3.54E+02	9.35E+03	5.46E+03	1.62E+00	1.22E-01	4.02E-01	1.73E+03	1725.8	1.53E-01	0.15341
95	7.00E+02	7.70E+02	8.08E+03	1.66E+00	1.85E-01	3.08E-01	4.91E+02	491.22	1.48E-01	0.14788
96	6.62E+02	1.08E+04	4.93E+03	1.63E+00	5.84E-02	3.22E-01	1.45E+03	1448	4.37E-02	0.043728
97	5.22E+02	6.47E+02	7.59E+03	1.81E+00	2.03E-01	4.20E-01	4.49E+02	448.61	1.22E-01	0.12209
98	6.37E+02	1.21E+04	4.62E+03	1.57E+00	1.34E-01	3.64E-01	1.66E+03	1661.8	1.09E-01	0.10931
99	5.05E+02	4.83E+03	5.20E+03	1.58E+00	1.32E-01	3.89E-01	3.35E+02	335.11	1.25E-01	0.12526
100	7.62E+02	6.03E+03	3.58E+03	1.65E+00	2.06E-01	3.71E-01	6.14E+02	613.83	1.89E-01	0.18872

realizations	porVad	KsatVad	rhobVad	PbKdVad	waterflow.all.Vadose water flux peak time
1	0.34435	2.67E+01	1.6419	3362	0
2	0.37263	8.61E+00	1.6997	520.69	0
3	0.40459	5.70E+00	1.7678	553.4	0
4	0.34572	2.50E+00	1.5496	626.29	0
5	0.38719	1.01E+01	1.5407	2174.5	0
6	0.36523	1.42E+01	1.6674	384.86	0
7	0.32407	9.20E+00	1.4795	296.68	0
8	0.35793	1.55E+02	1.4723	590.11	0
9	0.39137	3.50E+01	1.4907	906.92	0
10	0.33829	9.85E+00	1.6763	412.08	0
11	0.382	1.13E+01	1.7746	930.91	0
12	0.42241	3.17E+01	1.5043	2027.5	0
13	0.30456	1.25E+02	1.6826	815.68	0
14	0.35494	2.10E+01	1.8446	278.68	0
15	0.34906	6.15E+00	1.7219	3109.2	0
16	0.36157	1.68E+00	1.7183	1868.1	0
17	0.42922	2.36E+01	1.6322	753.14	0
18	0.31797	9.68E-01	1.4763	366.65	0
19	0.42961	2.90E+00	1.692	308.97	0
20	0.35078	6.17E+01	1.6534	1834.1	0
21	0.38506	1.82E+00	1.816	762.75	0
22	0.30939	3.20E+00	1.7482	428.47	0
23	0.41256	8.67E-01	1.7297	1015.3	0
24	0.33129	4.10E+01	1.5745	2307.6	0
25	0.39044	2.81E+01	1.5032	1302.5	0
26	0.42508	8.05E+00	1.5138	1126.3	0
27	0.37971	3.05E+01	1.7784	2963.8	0
28	0.37176	8.38E+01	1.6205	4223	0
29	0.30669	5.53E+00	1.5592	439.85	0
30	0.39444	4.48E+00	1.5274	3270.5	0
31	0.42462	4.78E+00	1.8344	1944.6	0
32	0.36781	4.82E+01	1.6104	478.57	0
33	0.43621	5.42E+01	1.5676	996.03	0
34	0.43802	2.45E+01	1.6587	2530.7	0
35	0.42707	1.20E+00	1.7085	310.78	0
36	0.33383	1.65E+00	1.5445	1185.1	0
37	0.41013	3.39E+01	1.7944	3534.8	0
38	0.33948	1.25E+01	1.6115	2872.3	0
39	0.3826	1.48E+01	1.786	731.83	0
40	0.4075	2.18E+01	1.5829	356.22	0
41	0.32764	4.07E-01	1.5367	407.5	0
42	0.44366	2.81E+00	1.5241	1407.9	0
43	0.37762	2.24E+00	1.6392	854.2	0
44	0.44206	5.82E+00	1.5323	2395.7	0
45	0.34947	1.62E+01	1.8132	2208.5	0
46	0.35318	3.94E+01	1.5195	1056.4	0
47	0.38401	4.27E+01	1.8002	4078.2	0
48	0.39326	4.58E+01	1.6747	1261.7	0
49	0.36048	3.79E+00	1.7022	4007.9	0
50	0.41802	5.22E+00	1.4874	460.62	0
51	0.39964	5.24E+01	1.791	3139.1	0
52	0.39557	1.81E+01	1.5555	4247.8	0
53	0.37612	5.19E-01	1.8307	1476.9	0
54	0.37454	2.89E+01	1.6019	649.81	0
55	0.31487	1.48E+02	1.5939	3604.5	0
56	0.3352	1.13E+02	1.8463	1103.9	0
57	0.43368	7.67E-01	1.7098	663.75	0
58	0.41441	1.35E+01	1.6969	288.63	0

realizations	porVad	KsatVad	rhobVad	PbKdVad	waterflow.all.Vadose water flux peak time
59	0.36255	3.47E+00	1.8268	836.78	0
60	0.30319	1.17E+01	1.7454	574.55	0
61	0.33316	2.13E+00	1.7733	3823.9	0
62	0.32493	7.21E+01	1.5637	2636.5	0
63	0.40519	1.57E+01	1.7621	1606.6	0
64	0.39831	8.42E+00	1.605	565.17	0
65	0.36682	1.05E+01	1.8392	960.38	0
66	0.43311	2.00E+01	1.6686	882.76	0
67	0.34313	6.40E+01	1.6847	340.05	0
68	0.43664	2.58E+01	1.652	391.42	0
69	0.31647	1.09E+01	1.742	2435	0
70	0.4119	2.72E+00	1.7275	2063.6	0
71	0.43098	5.71E+01	1.8377	696.57	0
72	0.32955	2.38E+00	1.5082	2675.1	0
73	0.32233	4.35E+00	1.4985	3487.5	0
74	0.34684	6.48E+00	1.5168	2280.2	0
75	0.34194	4.91E+00	1.7587	3704.1	0
76	0.44221	1.30E+01	1.8227	780.2	0
77	0.42087	3.37E+00	1.7149	1539.7	0
78	0.403	6.57E-01	1.5889	2916.8	0
79	0.31594	1.01E+02	1.7516	323.13	0
80	0.41693	1.77E+01	1.4836	376.99	0
81	0.35448	4.01E+00	1.6365	2782.8	0
82	0.37798	4.24E+00	1.7362	1147.8	0
83	0.41515	6.87E+00	1.625	1575.9	0
84	0.31211	3.72E+00	1.8022	1033.6	0
85	0.33672	1.36E+01	1.5965	276.52	0
86	0.40818	9.24E+01	1.6871	541.09	0
87	0.31977	1.51E+00	1.5527	1768.6	0
88	0.39688	2.26E+01	1.586	1369.6	0
89	0.31134	1.98E+00	1.806	689.04	0
90	0.44044	3.72E+01	1.7335	508.37	0
91	0.30607	9.51E+00	1.7645	1233.5	0
92	0.35741	1.40E+00	1.4934	1949.2	0
93	0.32789	1.16E+00	1.7818	1345.3	0
94	0.40198	6.60E+00	1.616	1725.8	0
95	0.3081	1.67E+01	1.66	491.22	0
96	0.3217	7.81E+00	1.6293	1448	0
97	0.41963	7.34E+00	1.8107	448.61	0
98	0.36404	7.63E+00	1.5703	1661.8	0
99	0.38891	7.45E+01	1.5782	335.11	0
100	0.37052	1.90E+01	1.6453	613.83	0

realizations	waterflow.all.Vadose water flux peak value	PbFlux.all.Vadose total constituent flux peak time
1	3.559	500.025
2	3.245	500.025
3	1.652	500.025
4	1.156	500.025
5	3.697	500.025
6	4.333	500.025
7	5.086	500.025
8	1.922	500.025
9	1.34	500.025
10	0.5583	500.025
11	3.331	500.025
12	4.875	500.025
13	5.818	500.025
14	2.217	500.025
15	8.165	500.025
16	3.058	500.025
17	6.013	500.025
18	4.419	500.025
19	3.796	500.025
20	1.921	500.025
21	0.7143	500.025
22	9.097	500.025
23	2.073	500.025
24	7.666	500.025
25	3.262	500.025
26	5.593	500.025
27	8.597	500.025
28	9.514	500.025
29	14.83	500.025
30	8.931	500.025
31	0.7813	500.025
32	5.932	500.025
33	0.4012	500.025
34	0.7732	500.025
35	1.654	500.025
36	2.112	500.025
37	5.231	500.025
38	0.5838	500.025
39	2.317	500.025
40	5.782	500.025
41	0.9623	500.025
42	2.562	500.025
43	3.75	500.025
44	0.2736	500.025
45	1.409	500.025
46	6.789	500.025
47	1.458	500.025
48	1.122	500.025
49	1.155	500.025
50	0.5755	500.025
51	0.1718	500.025
52	2.137	500.025
53	1.478	500.025
54	3.886	500.025
55	0.4579	500.025
56	5.997	500.025
57	0.3079	500.025
58	7.753	500.025

realizations	waterflow.all.Vadose water flux peak value	PbFlux.all.Vadose total constituent flux peak time
59	3.115	500.025
60	3.446	500.025
61	6.404	500.025
62	5.695	500.025
63	0.2051	500.025
64	11.57	500.025
65	5.197	500.025
66	0.3407	500.025
67	0.1198	500.025
68	10.2	500.025
69	0.1665	500.025
70	1.001	500.025
71	3.54	500.025
72	0.9059	500.025
73	0.7669	500.025
74	3.103	500.025
75	0.8533	500.025
76	12.28	500.025
77	8.229	500.025
78	5.746	500.025
79	0.07623	500.025
80	0.4911	500.025
81	3.138	500.025
82	16.05	500.025
83	9.692	500.025
84	8.461	500.025
85	0.5842	500.025
86	1.231	500.025
87	0.176	500.025
88	0.9921	500.025
89	0.524	500.025
90	0.8337	500.025
91	2.263	500.025
92	1.078	500.025
93	1.613	500.025
94	7.831	500.025
95	0.9203	500.025
96	2.334	500.025
97	0.5991	500.025
98	6.105	500.025
99	3.147	500.025
100	4.076	500.025

realizations	PbFlux.all.Vadose total constituent flux peak value
1	1.22E-43
2	1.22E-43
3	1.22E-43
4	1.22E-43
5	1.22E-43
6	1.22E-43
7	1.22E-43
8	1.22E-43
9	1.22E-43
10	1.22E-43
11	1.22E-43
12	1.22E-43
13	1.22E-43
14	1.22E-43
15	1.22E-43
16	1.22E-43
17	1.22E-43
18	1.22E-43
19	1.22E-43
20	1.22E-43
21	1.22E-43
22	1.22E-43
23	1.22E-43
24	1.22E-43
25	1.22E-43
26	1.22E-43
27	1.22E-43
28	1.22E-43
29	1.22E-43
30	1.22E-43
31	1.22E-43
32	1.22E-43
33	1.22E-43
34	1.22E-43
35	1.22E-43
36	1.22E-43
37	1.22E-43
38	1.22E-43
39	1.22E-43
40	1.22E-43
41	1.22E-43
42	1.22E-43
43	1.22E-43
44	1.22E-43
45	1.22E-43
46	1.22E-43
47	1.22E-43
48	1.22E-43
49	1.22E-43
50	1.22E-43
51	1.22E-43
52	1.22E-43
53	1.22E-43
54	1.22E-43
55	1.22E-43
56	1.22E-43
57	1.22E-43
58	1.22E-43

realizations	PbFlux.all.Vadose total constituent flux peak value
59	1.22E-43
60	1.22E-43
61	1.22E-43
62	1.22E-43
63	1.22E-43
64	1.22E-43
65	1.22E-43
66	1.22E-43
67	1.22E-43
68	1.22E-43
69	1.22E-43
70	1.22E-43
71	1.22E-43
72	1.22E-43
73	1.22E-43
74	1.22E-43
75	1.22E-43
76	1.22E-43
77	1.22E-43
78	1.22E-43
79	1.22E-43
80	1.22E-43
81	1.22E-43
82	1.22E-43
83	1.22E-43
84	1.22E-43
85	1.22E-43
86	1.22E-43
87	1.22E-43
88	1.22E-43
89	1.22E-43
90	1.22E-43
91	1.22E-43
92	1.22E-43
93	1.22E-43
94	1.22E-43
95	1.22E-43
96	1.22E-43
97	1.22E-43
98	1.22E-43
99	1.22E-43
100	1.22E-43