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## TABLES

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**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
1	200	0.5	0.316	0.184	1	0.341	0.191	3	0.359	0.197
1	300	.5	.130	.112	1	.154	.124	3	.177	.138
1	400	.5	.072	.076	1	.092	.088	3	.113	.104
1	500	.5	.036	.050	1	.050	.059	3	.067	.073
1	600	.5	.018	.030	1	.024	.035	3	.036	.046
1	700	.5	.010	.020	1	.014	.023	3	.022	.032
1	800	.5	.006	.018	1	.008	.019	3	.013	.023
1	900	.5	.004	.014	1	.005	.015	3	.008	.018
1	1,000	.5	.002	.006	1	.002	.006	3	.005	.009
1	1,200	.5	0	.004	1	.001	.003	3	.001	.004
2	200	0	.118	.048	0	.117	.047	0	.120	.049
2	300	0	.102	.056	0	.106	.054	0	.112	.056
2	400	0	.082	.054	0	.087	.053	0	.093	.057
2	500	0	.054	.046	0	.062	.046	0	.069	.050
2	600	0	.032	.034	0	.039	.036	0	.046	.041
2	700	0	.020	.026	0	.027	.029	0	.034	.035
2	800	0	.012	.018	0	.017	.021	0	.023	.026
2	900	0	.008	.014	0	.011	.016	0	.016	.021
2	1,000	0	.004	.010	0	.007	.011	0	.011	.016
2	1,200	0	0	.006	0	.002	.005	0	.005	.008
2	1,400	0	0	.004	0	.001	.003	0	.002	.004
2	1,600	0	0	.004	0	0	.002	0	.001	.002
3	200	0	.078	.032	0	.081	.031	0	.076	.030
3	300	0	.082	.038	0	.087	.039	0	.085	.036
3	400	0	.072	.042	0	.078	.042	0	.079	.040
3	500	0	.056	.038	0	.062	.039	0	.066	.039
3	600	0	.036	.032	0	.043	.034	0	.049	.036
3	700	0	.026	.028	0	.031	.029	0	.039	.033
3	800	0	.016	.020	0	.021	.022	0	.028	.027
3	900	0	.010	.016	0	.014	.018	0	.020	.023
3	1,000	0	.006	.012	0	.010	.014	0	.015	.019

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
3	1,200	0	0.002	0.006	0	0.003	0.007	0	0.007	0.010
3	1,400	0	0	.006	0	.001	.004	0	.003	.005
3	1,600	0	0	.004	0	0	.003	0	.001	.003
4	200	0	.058	.024	0	.060	.024	0	.059	.023
4	300	0	.068	.028	0	.072	.029	0	.071	.029
4	400	0	.064	.032	0	.069	.033	0	.070	.033
4	500	0	.052	.032	0	.058	.033	0	.062	.034
4	600	0	.038	.028	0	.044	.030	0	.049	.032
4	700	0	.030	.026	0	.034	.028	0	.040	.031
4	800	0	.020	.020	0	.024	.022	0	.030	.026
4	900	0	.014	.018	0	.017	.019	0	.023	.023
4	1,000	0	.008	.014	0	.012	.015	0	.017	.020
4	1,200	0	.002	.008	0	.005	.008	0	.008	.011
4	1,400	0	0	.006	0	.002	.005	0	.004	.006
4	1,600	0	0	.004	0	0	.003	0	.002	.003
5	200	0	.044	.020	0	.048	.020	0	.047	.019
5	300	0	.056	.024	0	.060	.024	0	.061	.024
5	400	0	.056	.026	0	.060	.028	0	.062	.028
5	500	0	.050	.028	0	.054	.028	0	.057	.029
5	600	0	.038	.026	0	.043	.027	0	.048	.029
5	700	0	.030	.024	0	.035	.026	0	.040	.028
5	800	0	.022	.020	0	.026	.022	0	.032	.025
5	900	0	.016	.018	0	.019	.019	0	.024	.023
5	1,000	0	.012	.016	0	.014	.016	0	.019	.020
5	1,200	0	.004	.008	0	.006	.009	0	.010	.012
5	1,400	0	.002	.006	0	.003	.006	0	.005	.007
5	1,600	0	0	.004	0	.001	.004	0	.002	.004
5	1,800	0	0	.004	0	0	.003	0	.001	.002
6	200	0	.036	.018	0	.039	.017	0	.040	.017
6	300	0	.048	.020	0	.052	.020	0	.053	.020
6	400	0	.048	.022	0	.053	.023	0	.055	.024
6	500	0	.046	.024	0	.050	.024	0	.053	.025

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
6	600	0	0.036	0.024	0	0.042	0.024	0	0.046	0.026
6	700	0	.030	.022	0	.035	.024	0	.040	.026
6	800	0	.024	.020	0	.027	.021	0	.032	.024
6	900	0	.018	.018	0	.021	.019	0	.026	.022
6	1,000	0	.014	.016	0	.016	.017	0	.021	.020
6	1,200	0	.006	.010	0	.008	.010	0	.011	.013
6	1,400	0	.002	.006	0	.003	.006	0	.006	.008
6	1,600	0	0	.006	0	.001	.004	0	.003	.005
6	1,800	0	0	.004	0	0	.003	0	.001	.003
7	200	0	.030	.016	0	.033	.015	0	.034	.015
7	300	0	.042	.016	0	.045	.017	0	.046	.017
7	400	0	.042	.020	0	.047	.020	0	.049	.020
7	500	0	.042	.020	0	.046	.021	0	.049	.022
7	600	0	.036	.022	0	.040	.022	0	.044	.023
7	700	0	.030	.020	0	.034	.022	0	.039	.024
7	800	0	.024	.018	0	.028	.020	0	.032	.022
7	900	0	.020	.018	0	.022	.018	0	.026	.021
7	1,000	0	.014	.016	0	.017	.016	0	.022	.020
7	1,200	0	.006	.012	0	.009	.011	0	.012	.014
7	1,400	0	.004	.008	0	.004	.007	0	.007	.009
7	1,600	0	0	.006	0	.002	.005	0	.004	.005
7	1,800	0	0	.006	0	0	.004	0	.001	.003
8	200	0	.026	.014	0	.028	.013	0	.029	.013
8	300	0	.036	.016	0	.039	.015	0	.041	.015
8	400	0	.038	.018	0	.042	.017	0	.044	.018
8	500	0	.038	.018	0	.042	.019	0	.045	.019
8	600	0	.034	.020	0	.038	.019	0	.042	.021
8	700	0	.030	.020	0	.033	.020	0	.037	.022
8	800	0	.024	.018	0	.028	.019	0	.032	.021
8	900	0	.020	.018	0	.022	.018	0	.027	.020
8	1,000	0	.014	.016	0	.018	.016	0	.022	.019
8	1,200	0	.008	.012	0	.010	.011	0	.014	.014

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
8	1,400	0	0.004	0.008	0	0.005	0.007	0	0.008	0.009
8	1,600	0	.002	.006	0	.003	.005	0	.004	.006
8	1,800	0	0	.004	0	.001	.004	0	.002	.004
8	2,000	0	0	.004	0	0	.003	0	.001	.002
9	200	0	.022	.014	0	.025	.012	0	.026	.012
9	300	0	.032	.014	0	.035	.013	0	.037	.014
9	400	0	.034	.016	0	.038	.015	0	.040	.016
9	500	0	.034	.016	0	.039	.017	0	.042	.017
9	600	0	.032	.018	0	.036	.018	0	.039	.019
9	700	0	.028	.018	0	.032	.019	0	.036	.020
9	800	0	.024	.018	0	.027	.017	0	.032	.019
9	900	0	.020	.016	0	.023	.017	0	.027	.019
9	1,000	0	.016	.016	0	.018	.016	0	.023	.018
9	1,200	0	.008	.012	0	.011	.012	0	.014	.014
9	1,400	0	.004	.008	0	.006	.008	0	.009	.010
9	1,600	0	.002	.008	0	.003	.006	0	.005	.006
9	1,800	0	0	.006	0	.001	.004	0	.002	.004
9	2,000	0	0	.004	0	0	.003	0	.001	.003
10	200	0	.020	.012	0	.022	.011	0	.023	.011
10	300	0	.028	.014	0	.032	.012	0	.033	.012
10	400	0	.030	.014	0	.035	.014	0	.036	.015
10	500	0	.032	.016	0	.036	.015	0	.039	.016
10	600	0	.030	.016	0	.034	.016	0	.037	.017
10	700	0	.028	.016	0	.031	.017	0	.034	.019
10	800	0	.022	.016	0	.027	.016	0	.031	.018
10	900	0	.020	.016	0	.023	.016	0	.027	.018
10	1,000	0	.016	.014	0	.019	.015	0	.023	.018
10	1,200	0	.010	.012	0	.012	.012	0	.015	.014
10	1,400	0	.004	.010	0	.007	.008	0	.009	.010
10	1,600	0	.002	.008	0	.003	.006	0	.006	.007
10	1,800	0	0	.006	0	.001	.004	0	.003	.005
10	2,000	0	0	.006	0	0	.004	0	.001	.003

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
20	200	0	0.008	0.010	0	0.010	0.007	0	0.010	0.006
20	300	0	.014	.010	0	.015	.007	0	.016	.007
20	400	0	.014	.010	0	.017	.008	0	.018	.007
20	500	0	.016	.010	0	.019	.008	0	.021	.008
20	600	0	.018	.010	0	.020	.009	0	.023	.009
20	700	0	.018	.010	0	.020	.010	0	.023	.010
20	800	0	.018	.010	0	.020	.010	0	.023	.010
20	900	0	.016	.012	0	.019	.010	0	.022	.011
20	1,000	0	.014	.012	0	.017	.010	0	.020	.011
20	1,200	0	.012	.012	0	.014	.010	0	.017	.011
20	1,400	0	.010	.010	0	.010	.009	0	.013	.010
20	1,600	0	.006	.010	0	.008	.008	0	.010	.009
20	1,800	0	.004	.008	0	.004	.007	0	.007	.007
20	2,000	0	.002	.006	0	.002	.005	0	.004	.005
20	2,200	0	0	.008	0	.001	.005	0	.003	.004
20	2,400	0	-.002	.006	0	-.001	.004	0	.001	.003
30	200	0	.004	.008	0	.006	.006	0	.006	.004
30	300	0	.008	.010	0	.009	.005	0	.010	.004
30	400	0	.010	.010	0	.010	.005	0	.011	.005
30	500	0	.012	.010	0	.012	.006	0	.014	.005
30	600	0	.012	.010	0	.014	.006	0	.015	.005
30	700	0	.012	.010	0	.014	.007	0	.016	.006
30	800	0	.012	.010	0	.015	.007	0	.017	.006
30	900	0	.014	.010	0	.015	.007	0	.017	.007
30	1,000	0	.012	.010	0	.014	.007	0	.016	.008
30	1,200	0	.012	.010	0	.013	.008	0	.016	.008
30	1,400	0	.010	.010	0	.011	.008	0	.014	.008
30	1,600	0	.006	.010	0	.009	.007	0	.011	.008
30	1,800	0	.004	.010	0	.007	.008	0	.009	.008
30	2,000	0	.004	.008	0	.004	.006	0	.006	.006
30	2,200	0	.002	.008	0	.003	.006	0	.005	.005
30	2,400	0	0	.006	0	.001	.005	0	.003	.004

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
30	2,600	0	-0.002	0.006	0	-0.001	0.005	0	0.001	0.003
32	200	0	.004	.008	0	.005	.006	0	.006	.004
32	300	0	.008	.010	0	.008	.005	0	.009	.004
32	400	0	.008	.010	0	.009	.005	0	.010	.004
32	500	0	.010	.010	0	.011	.006	0	.013	.005
32	600	0	.012	.010	0	.013	.006	0	.014	.005
32	700	0	.012	.010	0	.013	.007	0	.015	.006
32	800	0	.012	.010	0	.014	.007	0	.016	.006
32	900	0	.012	.010	0	.014	.007	0	.016	.007
32	1,000	0	.012	.010	0	.014	.007	0	.016	.007
32	1,200	0	.012	.010	0	.013	.007	0	.015	.008
32	1,400	0	.010	.010	0	.011	.008	0	.013	.008
32	1,600	0	.008	.010	0	.009	.007	0	.011	.008
32	1,800	0	.004	.008	0	.007	.008	0	.009	.008
32	2,000	0	.002	.008	0	.004	.006	0	.006	.006
32	2,200	0	.002	.008	0	.003	.006	0	.005	.005
32	2,400	0	-.002	.008	0	.001	.005	0	.003	.004
32	2,600	0	0	.006	0	0	.004	0	.002	.003
40	200	0	.004	.008	0	.004	.005	0	.004	.003
40	300	0	.006	.010	0	.006	.005	0	.007	.003
40	400	0	.006	.008	0	.007	.005	0	.008	.004
40	500	0	.008	.010	0	.009	.005	0	.010	.004
40	600	0	.008	.010	0	.010	.005	0	.011	.004
40	700	0	.010	.010	0	.011	.005	0	.012	.005
40	800	0	.010	.010	0	.011	.005	0	.013	.005
40	900	0	.010	.010	0	.012	.006	0	.014	.005
40	1,000	0	.010	.010	0	.011	.006	0	.013	.006
40	1,200	0	.010	.010	0	.012	.006	0	.014	.006
40	1,400	0	.008	.010	0	.010	.007	0	.013	.007
40	1,600	0	.008	.010	0	.009	.007	0	.011	.007
40	1,800	0	.006	.010	0	.007	.007	0	.009	.007
40	2,000	0	.004	.008	0	.005	.006	0	.007	.005

**Table 15.** Simulated one-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
40	2,200	0	0.002	0.008	0	0.004	0.006	0	0.006	0.005
40	2,400	0	0	.008	0	.002	.005	0	.004	.004
40	2,600	0	0	.008	0	.001	.005	0	.003	.004
40	2,800	0	-.002	.008	0	0	.007	0	.002	.004
50	200	0	.002	.006	0	.003	.005	0	.003	.003
50	300	0	.004	.008	0	.005	.005	0	.005	.003
50	400	0	.004	.008	0	.005	.005	0	.006	.003
50	500	0	.006	.010	0	.007	.005	0	.008	.003
50	600	0	.006	.010	0	.008	.005	0	.009	.003
50	700	0	.008	.010	0	.008	.005	0	.010	.004
50	800	0	.008	.010	0	.009	.005	0	.010	.004
50	900	0	.008	.010	0	.010	.005	0	.011	.004
50	1,000	0	.008	.010	0	.009	.005	0	.011	.005
50	1,200	0	.008	.010	0	.010	.006	0	.012	.005
50	1,400	0	.008	.010	0	.009	.006	0	.012	.006
50	1,600	0	.008	.010	0	.008	.006	0	.011	.006
50	1,800	0	.008	.010	0	.007	.007	0	.009	.006
50	2,000	0	.004	.010	0	.005	.006	0	.007	.005
50	2,200	0	.002	.008	0	.004	.006	0	.006	.005
50	2,400	0	0	.008	0	.003	.006	0	.005	.004
50	2,600	0	0	.008	0	.002	.006	0	.004	.004
50	2,800	0	-.002	.010	0	-.001	.008	0	.002	.005



**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
1	200	0.5	0.316	0.184	1	0.341	0.191	3	0.359	0.197
1	300	.5	.130	.112	1	.154	.124	3	.177	.138
1	400	.5	.072	.076	1	.092	.088	3	.113	.104
1	500	.5	.036	.050	1	.050	.059	3	.067	.073
1	600	.5	.018	.030	1	.024	.035	3	.036	.046
1	700	.5	.010	.020	1	.014	.023	3	.022	.032
1	800	.5	.006	.018	1	.008	.019	3	.013	.023
1	900	.5	.004	.014	1	.005	.015	3	.008	.018
1	1,000	.5	.002	.006	1	.002	.006	3	.005	.009
1	1,200	.5	0	.004	1	.001	.003	3	.001	.004
1	1,400	.5	0	.004	1	0	.003	3	0	.002
1	1,600	.5	0	.004	1	0	.002	3	0	.002
1	1,800	.5	0	.004	1	0	.002	3	0	.002
1	2,000	.5	0	.004	1	0	.003	3	0	.002
1	2,200	.5	-.002	.004	1	-.001	.003	3	0	.002
1	2,400	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,600	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
1	3,000	.5	-.004	.008	1	-.002	.006	3	-.001	.003
1	3,500	.5	-.006	.014	1	-.005	.009	3	-.002	.005
1	4,000	.5	-.006	.012	1	-.004	.008	3	-.002	.004
2	200	.5	.408	.204	1	.428	.208	3	.462	.215
2	300	.5	.202	.138	1	.225	.149	3	.267	.166
2	400	.5	.124	.100	1	.145	.112	3	.186	.135
2	500	.5	.068	.070	1	.085	.079	3	.119	.101
2	600	.5	.034	.042	1	.045	.051	3	.069	.069
2	700	.5	.020	.030	1	.028	.035	3	.046	.053
2	800	.5	.010	.022	1	.015	.026	3	.029	.037
2	900	.5	.006	.018	1	.009	.019	3	.018	.028
2	1,000	.5	.004	.008	1	.005	.010	3	.012	.018
2	1,200	.5	0	.004	1	.001	.005	3	.004	.008

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
2	1,400	0.5	0	0.004	1	0.001	0.003	3	0.002	0.004
2	1,600	.5	0	.004	1	0	.003	3	0	.003
2	1,800	.5	0	.004	1	0	.003	3	0	.003
2	2,000	.5	0	.004	1	0	.004	3	0	.004
2	2,200	.5	0	.004	1	-.001	.003	3	0	.002
2	2,400	.5	0	.006	1	-.001	.005	3	0	.004
2	2,600	.5	-.002	.008	1	-.002	.005	3	-.001	.004
2	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
2	3,000	.5	-.004	.010	1	-.003	.007	3	-.001	.005
2	3,500	.5	-.006	.014	1	-.005	.010	3	-.003	.006
2	4,000	.5	-.006	.014	1	-.005	.009	3	-.003	.005
3	200	.5	.468	.212	1	.484	.215	3	.521	.222
3	300	.5	.262	.156	1	.280	.163	3	.330	.181
3	400	.5	.174	.120	1	.192	.129	3	.242	.152
3	500	.5	.104	.088	1	.120	.096	3	.164	.119
3	600	.5	.056	.056	1	.067	.064	3	.102	.087
3	700	.5	.034	.040	1	.043	.047	3	.071	.069
3	800	.5	.020	.030	1	.026	.033	3	.046	.050
3	900	.5	.012	.022	1	.016	.025	3	.031	.039
3	1,000	.5	.006	.012	1	.009	.015	3	.021	.027
3	1,200	.5	.002	.006	1	.003	.007	3	.008	.012
3	1,400	.5	0	.006	1	.001	.005	3	.003	.007
3	1,600	.5	0	.004	1	0	.003	3	.001	.004
3	1,800	.5	0	.004	1	0	.003	3	0	.003
3	2,000	.5	0	.006	1	0	.004	3	0	.005
3	2,200	.5	-.002	.004	1	-.001	.004	3	0	.003
3	2,400	.5	-.002	.006	1	-.001	.005	3	0	.005
3	2,600	.5	-.002	.006	1	-.001	.005	3	-.001	.005
3	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.003
3	3,000	.5	-.002	.008	1	-.001	.006	3	-.001	.005
3	3,500	.5	-.006	.014	1	-.005	.010	3	-.003	.007
3	4,000	.5	-.008	.014	1	-.005	.009	3	-.004	.006

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
4	200	0.5	0.512	0.218	1	0.525	0.219	3	0.562	0.224
4	300	.5	.310	.168	1	.326	.174	3	.378	.189
4	400	.5	.218	.134	1	.233	.142	3	.287	.164
4	500	.5	.140	.102	1	.153	.109	3	.204	.133
4	600	.5	.080	.070	1	.091	.077	3	.133	.101
4	700	.5	.052	.052	1	.060	.059	3	.095	.083
4	800	.5	.032	.038	1	.038	.042	3	.065	.062
4	900	.5	.020	.028	1	.024	.032	3	.044	.049
4	1,000	.5	.012	.018	1	.015	.021	3	.031	.036
4	1,200	.5	.004	.008	1	.005	.009	3	.013	.018
4	1,400	.5	.002	.006	1	.002	.006	3	.005	.009
4	1,600	.5	0	.004	1	0	.004	3	.002	.005
4	1,800	.5	0	.004	1	0	.003	3	.001	.004
4	2,000	.5	0	.006	1	0	.005	3	0	.006
4	2,200	.5	-.002	.006	1	-.001	.004	3	0	.004
4	2,400	.5	0	.006	1	0	.005	3	0	.006
4	2,600	.5	0	.006	1	-.001	.006	3	0	.006
4	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.003
4	3,000	.5	-.002	.010	1	-.002	.007	3	-.002	.007
4	3,500	.5	-.006	.014	1	-.005	.010	3	-.004	.009
4	4,000	.5	-.006	.012	1	-.005	.008	3	-.004	.007
5	200	.5	.546	.220	1	.557	.222	3	.591	.225
5	300	.5	.352	.178	1	.364	.181	3	.414	.194
5	400	.5	.256	.146	1	.270	.153	3	.323	.172
5	500	.5	.172	.116	1	.185	.121	3	.236	.142
5	600	.5	.104	.082	1	.115	.088	3	.160	.111
5	700	.5	.070	.064	1	.079	.070	3	.117	.094
5	800	.5	.044	.046	1	.051	.051	3	.082	.072
5	900	.5	.028	.036	1	.033	.039	3	.057	.058
5	1,000	.5	.018	.024	1	.022	.027	3	.041	.044
5	1,200	.5	.006	.012	1	.008	.013	3	.018	.023
5	1,400	.5	.002	.008	1	.003	.007	3	.008	.012

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
5	1,600	0.5	0	0.006	1	0.001	0.005	3	0.004	0.007
5	1,800	.5	0	.004	1	0	.003	3	.001	.005
5	2,000	.5	0	.006	1	0	.005	3	.001	.006
5	2,200	.5	0	.006	1	0	.004	3	0	.004
5	2,400	.5	0	.008	1	0	.005	3	0	.006
5	2,600	.5	0	.008	1	-0.001	.005	3	0	.006
5	2,800	.5	-0.002	.006	1	-0.002	.005	3	-0.002	.003
5	3,000	.5	-0.004	.010	1	-0.002	.008	3	-0.002	.007
5	3,500	.5	-0.006	.014	1	-0.004	.011	3	-0.003	.009
5	4,000	.5	-0.006	.014	1	-0.006	.010	3	-0.004	.007
6	200	.5	.576	.222	1	.583	.223	3	.612	.225
6	300	.5	.386	.184	1	.397	.187	3	.439	.197
6	400	.5	.290	.156	1	.303	.161	3	.349	.177
6	500	.5	.202	.126	1	.215	.130	3	.261	.148
6	600	.5	.128	.094	1	.139	.098	3	.181	.118
6	700	.5	.088	.074	1	.098	.080	3	.135	.101
6	800	.5	.058	.056	1	.066	.060	3	.097	.079
6	900	.5	.038	.044	1	.044	.047	3	.068	.065
6	1,000	.5	.024	.032	1	.029	.034	3	.049	.051
6	1,200	.5	.010	.016	1	.012	.016	3	.023	.027
6	1,400	.5	.004	.010	1	.005	.009	3	.011	.015
6	1,600	.5	0	.006	1	.002	.006	3	.005	.008
6	1,800	.5	0	.004	1	0	.004	3	.002	.005
6	2,000	.5	0	.006	1	0	.005	3	.001	.007
6	2,200	.5	0	.006	1	0	.005	3	0	.005
6	2,400	.5	0	.008	1	-0.001	.007	3	0	.007
6	2,600	.5	0	.008	1	-0.001	.007	3	0	.007
6	2,800	.5	-0.002	.006	1	-0.002	.004	3	-0.002	.003
6	3,000	.5	-0.002	.010	1	-0.002	.007	3	-0.002	.007
6	3,500	.5	-0.006	.012	1	-0.004	.010	3	-0.003	.009
6	4,000	.5	-0.006	.012	1	-0.005	.009	3	-0.004	.007
7	200	.5	.598	.224	1	.605	.224	3	.630	.224

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
7	300	0.5	0.416	0.190	1	0.425	0.191	3	0.463	0.199
7	400	.5	.320	.164	1	.332	.168	3	.373	.182
7	500	.5	.232	.134	1	.242	.138	3	.285	.154
7	600	.5	.152	.102	1	.162	.107	3	.202	.125
7	700	.5	.108	.084	1	.117	.089	3	.152	.109
7	800	.5	.074	.064	1	.081	.068	3	.111	.086
7	900	.5	.050	.052	1	.055	.054	3	.080	.071
7	1,000	.5	.034	.038	1	.038	.041	3	.059	.057
7	1,200	.5	.014	.020	1	.016	.021	3	.028	.032
7	1,400	.5	.006	.012	1	.007	.012	3	.014	.018
7	1,600	.5	.002	.008	1	.003	.007	3	.007	.010
7	1,800	.5	0	.006	1	.001	.005	3	.003	.006
7	2,000	.5	0	.006	1	.001	.007	3	.001	.007
7	2,200	.5	0	.006	1	-.001	.006	3	0	.005
7	2,400	.5	0	.008	1	-.001	.007	3	0	.007
7	2,600	.5	-.002	.008	1	-.001	.007	3	0	.007
7	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.004
7	3,000	.5	-.002	.010	1	-.002	.008	3	-.002	.008
7	3,500	.5	-.006	.014	1	-.004	.010	3	-.003	.010
7	4,000	.5	-.006	.014	1	-.005	.009	3	-.004	.007
8	200	.5	.618	.224	1	.624	.224	3	.645	.224
8	300	.5	.442	.194	1	.450	.195	3	.484	.201
8	400	.5	.348	.170	1	.358	.174	3	.395	.185
8	500	.5	.258	.142	1	.267	.145	3	.307	.159
8	600	.5	.174	.110	1	.184	.115	3	.221	.131
8	700	.5	.126	.092	1	.135	.097	3	.170	.115
8	800	.5	.090	.072	1	.096	.077	3	.126	.093
8	900	.5	.060	.058	1	.067	.062	3	.092	.078
8	1,000	.5	.042	.044	1	.047	.048	3	.068	.063
8	1,200	.5	.018	.024	1	.021	.025	3	.034	.037
8	1,400	.5	.008	.014	1	.009	.014	3	.017	.021
8	1,600	.5	.004	.010	1	.004	.009	3	.009	.012

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
8	1,800	0.5	0.002	0.006	1	0.001	0.005	3	0.004	0.007
8	2,000	.5	0	.008	1	.001	.007	3	.002	.008
8	2,200	.5	0	.006	1	0	.006	3	.001	.006
8	2,400	.5	0	.008	1	0	.006	3	0	.007
8	2,600	.5	0	.008	1	0	.007	3	0	.008
8	2,800	.5	-.002	.006	1	-.002	.005	3	-.002	.004
8	3,000	.5	-.002	.010	1	-.002	.009	3	-.001	.008
8	3,500	.5	-.006	.016	1	-.004	.011	3	-.003	.010
8	4,000	.5	-.006	.012	1	-.005	.009	3	-.004	.007
9	200	0	.332	.120	0	.315	.116	0	.315	.120
9	300	0	.352	.132	0	.339	.126	0	.346	.127
9	400	0	.318	.138	0	.311	.132	0	.324	.133
9	500	0	.260	.126	0	.261	.123	0	.282	.125
9	600	0	.192	.110	0	.198	.109	0	.225	.116
9	700	0	.146	.098	0	.154	.099	0	.183	.109
9	800	0	.106	.080	0	.116	.082	0	.145	.095
9	900	0	.076	.066	0	.084	.070	0	.111	.084
9	1,000	0	.054	.054	0	.062	.058	0	.087	.074
9	1,200	0	.026	.030	0	.030	.034	0	.048	.048
9	1,400	0	.012	.018	0	.015	.020	0	.026	.030
9	1,600	0	.006	.010	0	.007	.011	0	.014	.018
9	1,800	0	.002	.008	0	.002	.007	0	.007	.011
9	2,000	0	0	.008	0	.001	.007	0	.004	.008
9	2,200	0	0	.008	0	0	.006	0	.002	.006
9	2,400	0	-.002	.008	0	-.002	.006	0	0	.006
9	2,600	0	-.002	.008	0	-.001	.007	0	-.001	.006
9	2,800	0	-.004	.008	0	-.003	.006	0	-.002	.005
9	3,000	0	-.004	.012	0	-.004	.011	0	-.003	.009
9	3,500	0	-.010	.020	0	-.008	.016	0	-.005	.012
9	4,000	0	-.012	.020	0	-.009	.016	0	-.006	.010
10	200	0	.250	.094	0	.243	.093	0	.231	.094
10	300	0	.296	.106	0	.289	.104	0	.282	.101

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
10	400	0	0.284	0.116	0	0.280	0.113	0	0.280	0.110
10	500	0	.248	.112	0	.249	.108	0	.259	.106
10	600	0	.194	.102	0	.198	.101	0	.219	.103
10	700	0	.154	.094	0	.160	.095	0	.184	.101
10	800	0	.116	.080	0	.124	.082	0	.151	.091
10	900	0	.086	.068	0	.092	.071	0	.119	.083
10	1,000	0	.064	.058	0	.070	.061	0	.095	.075
10	1,200	0	.032	.034	0	.036	.037	0	.055	.051
10	1,400	0	.014	.020	0	.018	.022	0	.032	.034
10	1,600	0	.008	.012	0	.009	.013	0	.018	.022
10	1,800	0	.002	.008	0	.004	.008	0	.009	.013
10	2,000	0	0	.008	0	.001	.007	0	.005	.009
10	2,200	0	-.002	.008	0	0	.006	0	.002	.007
10	2,400	0	-.002	.008	0	-.001	.006	0	0	.006
10	2,600	0	-.002	.010	0	-.002	.007	0	-.001	.006
10	2,800	0	-.004	.008	0	-.003	.007	0	-.002	.005
10	3,000	0	-.006	.012	0	-.004	.010	0	-.003	.009
10	3,500	0	-.008	.020	0	-.007	.015	0	-.006	.012
10	4,000	0	-.010	.020	0	-.008	.015	0	-.006	.012
20	200	0	.068	.034	0	.068	.034	0	.070	.035
20	300	0	.100	.038	0	.100	.038	0	.103	.039
20	400	0	.112	.042	0	.113	.042	0	.117	.043
20	500	0	.122	.042	0	.124	.043	0	.129	.044
20	600	0	.124	.046	0	.126	.046	0	.134	.047
20	700	0	.116	.050	0	.119	.049	0	.129	.051
20	800	0	.110	.048	0	.112	.048	0	.124	.050
20	900	0	.098	.048	0	.101	.048	0	.114	.052
20	1,000	0	.086	.046	0	.089	.048	0	.103	.052
20	1,200	0	.062	.042	0	.066	.042	0	.081	.048
20	1,400	0	.044	.034	0	.046	.035	0	.060	.043
20	1,600	0	.028	.026	0	.030	.027	0	.042	.034
20	1,800	0	.016	.020	0	.018	.021	0	.028	.028

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
20	2,000	0	0.008	0.014	0	0.010	0.013	0	0.017	0.018
20	2,200	0	.004	.012	0	.006	.011	0	.012	.015
20	2,400	0	0	.006	0	.002	.006	0	.005	.009
20	2,600	0	0	.008	0	0	.006	0	.003	.007
20	2,800	0	-.004	.010	0	-.002	.008	0	0	.007
20	3,000	0	-.004	.012	0	-.004	.010	0	-.002	.009
20	3,500	0	-.010	.018	0	-.008	.014	0	-.006	.012
20	4,000	0	-.010	.020	0	-.007	.015	0	-.007	.013
30	200	0	.036	.022	0	.037	.021	0	.039	.022
30	300	0	.054	.024	0	.056	.023	0	.060	.024
30	400	0	.064	.026	0	.064	.025	0	.069	.026
30	500	0	.074	.026	0	.075	.026	0	.081	.027
30	600	0	.080	.028	0	.081	.028	0	.089	.029
30	700	0	.080	.032	0	.082	.031	0	.090	.033
30	800	0	.080	.030	0	.083	.030	0	.092	.032
30	900	0	.078	.032	0	.080	.031	0	.091	.034
30	1,000	0	.072	.032	0	.075	.032	0	.086	.035
30	1,200	0	.064	.032	0	.066	.033	0	.078	.037
30	1,400	0	.052	.030	0	.054	.031	0	.066	.037
30	1,600	0	.040	.026	0	.041	.028	0	.052	.033
30	1,800	0	.028	.026	0	.030	.026	0	.040	.032
30	2,000	0	.018	.018	0	.020	.017	0	.027	.022
30	2,200	0	.012	.016	0	.014	.015	0	.021	.019
30	2,400	0	.006	.010	0	.008	.009	0	.013	.013
30	2,600	0	.002	.010	0	.004	.008	0	.009	.011
30	2,800	0	-.002	.012	0	.001	.009	0	.005	.010
30	3,000	0	-.004	.014	0	-.002	.010	0	0	.010
30	3,500	0	-.010	.018	0	-.007	.014	0	-.006	.012
30	4,000	0	-.008	.018	0	-.008	.014	0	-.007	.012
32	200	0	.032	.020	0	.033	.019	0	.036	.020
32	300	0	.050	.022	0	.051	.021	0	.055	.022
32	400	0	.058	.024	0	.059	.023	0	.063	.024



**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
32	500	0	0.068	0.024	0	0.069	0.024	0	0.075	0.025
32	600	0	.074	.026	0	.076	.026	0	.083	.027
32	700	0	.074	.030	0	.077	.029	0	.085	.031
32	800	0	.076	.028	0	.078	.028	0	.087	.030
32	900	0	.074	.030	0	.077	.029	0	.087	.032
32	1,000	0	.070	.030	0	.072	.030	0	.083	.033
32	1,200	0	.062	.030	0	.065	.031	0	.077	.035
32	1,400	0	.052	.030	0	.054	.030	0	.066	.035
32	1,600	0	.040	.026	0	.042	.027	0	.053	.032
32	1,800	0	.030	.026	0	.032	.026	0	.042	.032
32	2,000	0	.020	.018	0	.021	.017	0	.028	.022
32	2,200	0	.014	.016	0	.016	.015	0	.023	.019
32	2,400	0	.006	.012	0	.008	.010	0	.014	.013
32	2,600	0	.004	.010	0	.005	.008	0	.010	.011
32	2,800	0	0	.012	0	.002	.009	0	.006	.011
32	3,000	0	-.004	.014	0	-.002	.011	0	.001	.010
32	3,500	0	-.008	.018	0	-.007	.014	0	-.005	.012
32	4,000	0	-.010	.018	0	-.008	.014	0	-.007	.012
40	200	0	.024	.016	0	.024	.015	0	.026	.016
40	300	0	.036	.018	0	.037	.017	0	.040	.017
40	400	0	.042	.018	0	.043	.017	0	.047	.019
40	500	0	.050	.020	0	.052	.018	0	.057	.019
40	600	0	.056	.020	0	.058	.019	0	.064	.020
40	700	0	.058	.022	0	.060	.022	0	.067	.023
40	800	0	.062	.022	0	.063	.021	0	.071	.023
40	900	0	.062	.024	0	.064	.023	0	.073	.025
40	1,000	0	.060	.024	0	.061	.024	0	.071	.026
40	1,200	0	.058	.026	0	.060	.026	0	.070	.029
40	1,400	0	.050	.026	0	.053	.026	0	.063	.030
40	1,600	0	.042	.024	0	.044	.025	0	.054	.029
40	1,800	0	.034	.026	0	.036	.025	0	.045	.030
40	2,000	0	.024	.018	0	.025	.018	0	.033	.022

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
40	2,200	0	0.018	0.016	0	0.020	0.016	0	0.028	0.020
40	2,400	0	.010	.012	0	.013	.011	0	.019	.014
40	2,600	0	.008	.012	0	.009	.010	0	.015	.013
40	2,800	0	.004	.012	0	.005	.010	0	.010	.013
40	3,000	0	0	.014	0	0	.011	0	.004	.012
40	3,500	0	-.008	.016	0	-.006	.013	0	-.004	.012
40	4,000	0	-.010	.018	0	-.008	.014	0	-.006	.012
50	200	0	.016	.014	0	.017	.012	0	.019	.013
50	300	0	.026	.014	0	.027	.013	0	.030	.014
50	400	0	.030	.014	0	.031	.014	0	.035	.014
50	500	0	.038	.016	0	.038	.014	0	.043	.015
50	600	0	.042	.016	0	.044	.015	0	.049	.015
50	700	0	.046	.018	0	.046	.017	0	.053	.018
50	800	0	.048	.016	0	.050	.016	0	.057	.018
50	900	0	.050	.020	0	.052	.018	0	.059	.019
50	1,000	0	.050	.020	0	.051	.019	0	.059	.021
50	1,200	0	.050	.022	0	.052	.021	0	.061	.023
50	1,400	0	.048	.022	0	.049	.021	0	.058	.024
50	1,600	0	.040	.022	0	.043	.021	0	.052	.024
50	1,800	0	.036	.024	0	.037	.022	0	.047	.026
50	2,000	0	.026	.018	0	.028	.017	0	.036	.020
50	2,200	0	.022	.016	0	.023	.015	0	.031	.019
50	2,400	0	.016	.012	0	.017	.011	0	.023	.015
50	2,600	0	.012	.012	0	.013	.012	0	.019	.014
50	2,800	0	.006	.016	0	.008	.012	0	.014	.015
50	3,000	0	.002	.016	0	.003	.012	0	.007	.014
50	3,500	0	-.006	.018	0	-.005	.014	0	-.002	.013
50	4,000	0	-.008	.018	0	-.007	.014	0	-.006	.013
60	200	0	.012	.012	0	.013	.010	0	.015	.011
60	300	0	.020	.012	0	.021	.011	0	.023	.011
60	400	0	.022	.012	0	.024	.011	0	.027	.012
60	500	0	.030	.014	0	.030	.012	0	.034	.012

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
60	600	0	0.034	0.014	0	0.035	0.012	0	0.040	0.013
60	700	0	.036	.016	0	.038	.013	0	.043	.014
60	800	0	.040	.016	0	.041	.013	0	.047	.014
60	900	0	.042	.016	0	.043	.015	0	.050	.016
60	1,000	0	.042	.016	0	.043	.016	0	.050	.017
60	1,200	0	.044	.018	0	.045	.017	0	.053	.019
60	1,400	0	.042	.018	0	.044	.017	0	.052	.020
60	1,600	0	.038	.018	0	.040	.018	0	.049	.020
60	1,800	0	.036	.020	0	.037	.019	0	.046	.022
60	2,000	0	.028	.018	0	.030	.016	0	.037	.018
60	2,200	0	.024	.016	0	.026	.015	0	.033	.018
60	2,400	0	.018	.012	0	.019	.012	0	.026	.015
60	2,600	0	.014	.014	0	.015	.012	0	.021	.015
60	2,800	0	.010	.016	0	.011	.013	0	.017	.016
60	3,000	0	.004	.016	0	.006	.013	0	.010	.015
60	3,500	0	-.006	.018	0	-.003	.014	0	0	.014
60	4,000	0	-.010	.018	0	-.007	.014	0	-.005	.013
70	200	0	.010	.012	0	.011	.009	0	.012	.009
70	300	0	.016	.012	0	.017	.010	0	.019	.010
70	400	0	.018	.012	0	.019	.010	0	.022	.010
70	500	0	.024	.012	0	.024	.010	0	.027	.011
70	600	0	.028	.012	0	.028	.010	0	.033	.011
70	700	0	.030	.014	0	.031	.011	0	.035	.012
70	800	0	.032	.014	0	.034	.012	0	.039	.012
70	900	0	.036	.014	0	.037	.013	0	.042	.013
70	1,000	0	.036	.014	0	.037	.014	0	.043	.015
70	1,200	0	.038	.016	0	.040	.015	0	.047	.016
70	1,400	0	.038	.016	0	.040	.015	0	.047	.016
70	1,600	0	.036	.016	0	.038	.016	0	.046	.017
70	1,800	0	.034	.018	0	.036	.016	0	.044	.019
70	2,000	0	.028	.016	0	.029	.015	0	.036	.017
70	2,200	0	.024	.016	0	.027	.014	0	.034	.016

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
70	2,400	0	0.020	0.014	0	0.021	0.012	0	0.027	0.014
70	2,600	0	.016	.014	0	.017	.012	0	.023	.015
70	2,800	0	.012	.016	0	.014	.014	0	.019	.017
70	3,000	0	.006	.016	0	.008	.014	0	.013	.016
70	3,500	0	-.004	.018	0	-.003	.015	0	.001	.015
70	4,000	0	-.008	.016	0	-.006	.014	0	-.003	.013
80	200	0	.008	.010	0	.009	.009	0	.010	.008
80	300	0	.014	.012	0	.014	.009	0	.015	.009
80	400	0	.016	.012	0	.016	.009	0	.018	.009
80	500	0	.020	.012	0	.020	.009	0	.023	.010
80	600	0	.024	.012	0	.024	.009	0	.027	.010
80	700	0	.026	.012	0	.026	.010	0	.030	.011
80	800	0	.028	.012	0	.029	.010	0	.034	.011
80	900	0	.030	.014	0	.032	.011	0	.037	.012
80	1,000	0	.032	.014	0	.033	.012	0	.038	.013
80	1,200	0	.034	.014	0	.035	.013	0	.042	.014
80	1,400	0	.034	.014	0	.036	.013	0	.043	.014
80	1,600	0	.034	.016	0	.035	.013	0	.042	.015
80	1,800	0	.032	.016	0	.034	.015	0	.041	.016
80	2,000	0	.028	.016	0	.029	.014	0	.036	.015
80	2,200	0	.024	.014	0	.026	.013	0	.033	.015
80	2,400	0	.020	.014	0	.021	.012	0	.028	.014
80	2,600	0	.016	.014	0	.018	.012	0	.024	.015
80	2,800	0	.012	.016	0	.015	.014	0	.020	.016
80	3,000	0	.008	.018	0	.010	.015	0	.014	.016
80	3,500	0	-.002	.018	0	0	.016	0	.003	.016
80	4,000	0	-.006	.018	0	-.005	.013	0	-.002	.013
90	200	0	.008	.010	0	.008	.008	0	.009	.008
90	300	0	.012	.010	0	.011	.008	0	.013	.008
90	400	0	.014	.012	0	.013	.008	0	.016	.009
90	500	0	.016	.010	0	.017	.009	0	.020	.009
90	600	0	.020	.010	0	.021	.009	0	.024	.009

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
90	700	0	0.022	0.012	0	0.023	0.009	0	0.026	0.010
90	800	0	.024	.012	0	.025	.009	0	.029	.010
90	900	0	.026	.012	0	.028	.010	0	.032	.011
90	1,000	0	.028	.012	0	.028	.011	0	.033	.011
90	1,200	0	.030	.012	0	.031	.011	0	.037	.012
90	1,400	0	.032	.014	0	.032	.011	0	.039	.012
90	1,600	0	.032	.014	0	.033	.012	0	.039	.013
90	1,800	0	.032	.014	0	.032	.012	0	.039	.014
90	2,000	0	.026	.014	0	.028	.013	0	.034	.014
90	2,200	0	.024	.014	0	.026	.012	0	.033	.014
90	2,400	0	.020	.014	0	.022	.011	0	.028	.014
90	2,600	0	.018	.014	0	.019	.012	0	.025	.014
90	2,800	0	.014	.016	0	.015	.014	0	.021	.016
90	3,000	0	.008	.016	0	.010	.015	0	.015	.016
90	3,500	0	-.002	.018	0	.001	.015	0	.004	.016
90	4,000	0	-.006	.016	0	-.003	.015	0	-.001	.014
100	200	0	.006	.010	0	.007	.007	0	.007	.007
100	300	0	.010	.010	0	.010	.008	0	.011	.007
100	400	0	.012	.010	0	.012	.008	0	.014	.008
100	500	0	.014	.010	0	.014	.008	0	.017	.008
100	600	0	.018	.010	0	.018	.008	0	.020	.008
100	700	0	.018	.010	0	.020	.009	0	.023	.009
100	800	0	.022	.010	0	.022	.009	0	.026	.009
100	900	0	.024	.012	0	.024	.009	0	.028	.010
100	1,000	0	.024	.012	0	.025	.010	0	.029	.010
100	1,200	0	.028	.012	0	.028	.010	0	.033	.011
100	1,400	0	.028	.012	0	.029	.010	0	.035	.011
100	1,600	0	.030	.012	0	.030	.011	0	.036	.012
100	1,800	0	.028	.014	0	.030	.012	0	.036	.012
100	2,000	0	.026	.014	0	.027	.012	0	.033	.013
100	2,200	0	.024	.012	0	.025	.012	0	.032	.013
100	2,400	0	.020	.012	0	.022	.011	0	.027	.013

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
100	2,600	0	0.016	0.014	0	0.019	0.012	0	0.025	0.014
100	2,800	0	.014	.016	0	.015	.013	0	.021	.016
100	3,000	0	.008	.018	0	.011	.014	0	.016	.016
100	3,500	0	0	.018	0	.001	.016	0	.006	.017
100	4,000	0	-.006	.016	0	-.003	.014	0	0	.015
120	200	0	.004	.008	0	.005	.007	0	.006	.006
120	300	0	.008	.010	0	.008	.007	0	.009	.007
120	400	0	.008	.010	0	.009	.008	0	.010	.007
120	500	0	.012	.010	0	.011	.007	0	.013	.007
120	600	0	.012	.010	0	.014	.008	0	.016	.007
120	700	0	.014	.012	0	.015	.008	0	.018	.008
120	800	0	.016	.010	0	.017	.008	0	.020	.008
120	900	0	.018	.010	0	.019	.008	0	.022	.008
120	1,000	0	.020	.010	0	.020	.008	0	.024	.009
120	1,200	0	.022	.010	0	.023	.009	0	.027	.009
120	1,400	0	.024	.010	0	.025	.009	0	.029	.009
120	1,600	0	.024	.012	0	.026	.009	0	.031	.010
120	1,800	0	.026	.012	0	.026	.010	0	.032	.010
120	2,000	0	.024	.012	0	.024	.011	0	.030	.011
120	2,200	0	.022	.014	0	.024	.011	0	.029	.012
120	2,400	0	.020	.012	0	.021	.011	0	.026	.012
120	2,600	0	.016	.014	0	.018	.012	0	.024	.013
120	2,800	0	.012	.016	0	.016	.013	0	.021	.015
120	3,000	0	.010	.018	0	.011	.015	0	.017	.016
120	3,500	0	0	.020	0	.003	.017	0	.007	.017
120	4,000	0	-.002	.018	0	0	.015	0	.002	.015
128	200	0	.004	.008	0	.005	.006	0	.005	.006
128	300	0	.008	.010	0	.007	.007	0	.008	.006
128	400	0	.008	.010	0	.008	.007	0	.010	.007
128	500	0	.010	.010	0	.010	.007	0	.012	.007
128	600	0	.012	.010	0	.013	.007	0	.014	.007
128	700	0	.012	.012	0	.014	.008	0	.016	.008

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
128	800	0	0.016	0.010	0	0.016	0.008	0	0.019	0.008
128	900	0	.016	.010	0	.018	.008	0	.020	.008
128	1,000	0	.018	.010	0	.018	.008	0	.022	.008
128	1,200	0	.020	.010	0	.021	.008	0	.025	.008
128	1,400	0	.022	.010	0	.023	.009	0	.027	.009
128	1,600	0	.024	.012	0	.024	.009	0	.029	.009
128	1,800	0	.024	.012	0	.025	.009	0	.030	.010
128	2,000	0	.022	.012	0	.023	.010	0	.028	.011
128	2,200	0	.022	.012	0	.023	.010	0	.028	.011
128	2,400	0	.018	.012	0	.020	.010	0	.025	.012
128	2,600	0	.016	.012	0	.018	.011	0	.023	.013
128	2,800	0	.012	.014	0	.015	.013	0	.020	.015
128	3,000	0	.010	.018	0	.012	.014	0	.017	.015
128	3,500	0	.002	.020	0	.003	.016	0	.008	.017
128	4,000	0	-.002	.018	0	-.001	.015	0	.003	.015
140	200	0	.004	.008	0	.004	.006	0	.005	.005
140	300	0	.006	.010	0	.006	.006	0	.007	.006
140	400	0	.006	.010	0	.007	.007	0	.008	.007
140	500	0	.008	.010	0	.009	.007	0	.010	.006
140	600	0	.010	.010	0	.011	.007	0	.013	.007
140	700	0	.012	.010	0	.012	.007	0	.014	.007
140	800	0	.014	.010	0	.014	.007	0	.016	.007
140	900	0	.014	.010	0	.016	.008	0	.018	.007
140	1,000	0	.016	.010	0	.016	.008	0	.019	.008
140	1,200	0	.018	.010	0	.019	.008	0	.022	.008
140	1,400	0	.020	.010	0	.021	.008	0	.025	.008
140	1,600	0	.022	.010	0	.022	.009	0	.027	.008
140	1,800	0	.022	.012	0	.023	.009	0	.028	.009
140	2,000	0	.022	.012	0	.022	.010	0	.027	.010
140	2,200	0	.022	.012	0	.022	.010	0	.027	.010
140	2,400	0	.018	.012	0	.019	.010	0	.025	.011
140	2,600	0	.016	.014	0	.018	.012	0	.023	.013

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
140	2,800	0	0.014	0.014	0	0.015	0.013	0	0.020	0.014
140	3,000	0	.008	.016	0	.012	.014	0	.016	.015
140	3,500	0	0	.018	0	.003	.015	0	.008	.016
140	4,000	0	-.002	.018	0	0	.015	0	.004	.015
160	200	0	.004	.008	0	.003	.006	0	.004	.005
160	300	0	.004	.008	0	.005	.006	0	.006	.005
160	400	0	.006	.010	0	.006	.006	0	.007	.006
160	500	0	.008	.010	0	.007	.006	0	.009	.006
160	600	0	.008	.010	0	.009	.007	0	.010	.006
160	700	0	.010	.010	0	.010	.007	0	.012	.007
160	800	0	.010	.010	0	.011	.007	0	.013	.006
160	900	0	.012	.010	0	.013	.007	0	.015	.007
160	1,000	0	.012	.010	0	.014	.007	0	.016	.007
160	1,200	0	.016	.010	0	.016	.007	0	.019	.007
160	1,400	0	.016	.010	0	.017	.007	0	.021	.007
160	1,600	0	.018	.010	0	.019	.008	0	.023	.008
160	1,800	0	.020	.010	0	.020	.008	0	.024	.008
160	2,000	0	.020	.010	0	.020	.009	0	.024	.009
160	2,200	0	.018	.012	0	.019	.009	0	.024	.010
160	2,400	0	.018	.010	0	.018	.009	0	.023	.010
160	2,600	0	.014	.012	0	.016	.010	0	.021	.012
160	2,800	0	.012	.014	0	.014	.013	0	.019	.014
160	3,000	0	.010	.016	0	.012	.013	0	.016	.014
160	3,500	0	.004	.018	0	.004	.015	0	.008	.016
160	4,000	0	-.002	.018	0	.001	.015	0	.005	.015
180	200	0	.002	.006	0	.003	.005	0	.003	.004
180	300	0	.004	.008	0	.004	.006	0	.005	.005
180	400	0	.004	.008	0	.005	.006	0	.006	.005
180	500	0	.006	.010	0	.006	.006	0	.007	.005
180	600	0	.008	.010	0	.007	.006	0	.009	.006
180	700	0	.008	.010	0	.008	.006	0	.010	.006
180	800	0	.010	.010	0	.009	.006	0	.011	.006



**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
180	900	0	0.010	0.010	0	0.011	0.007	0	0.013	0.006
180	1,000	0	.012	.010	0	.011	.007	0	.014	.007
180	1,200	0	.014	.010	0	.014	.007	0	.016	.007
180	1,400	0	.014	.010	0	.015	.007	0	.018	.007
180	1,600	0	.016	.010	0	.017	.007	0	.020	.007
180	1,800	0	.016	.010	0	.018	.008	0	.021	.007
180	2,000	0	.016	.010	0	.017	.008	0	.021	.008
180	2,200	0	.016	.010	0	.018	.008	0	.022	.009
180	2,400	0	.016	.010	0	.016	.009	0	.021	.010
180	2,600	0	.014	.010	0	.015	.010	0	.020	.011
180	2,800	0	.012	.014	0	.013	.012	0	.017	.013
180	3,000	0	.010	.014	0	.011	.013	0	.015	.013
180	3,500	0	.002	.018	0	.004	.014	0	.008	.015
180	4,000	0	0	.018	0	.002	.015	0	.005	.015
200	200	0	.002	.006	0	.002	.005	0	.003	.004
200	300	0	.004	.008	0	.004	.005	0	.004	.004
200	400	0	.004	.008	0	.004	.006	0	.005	.005
200	500	0	.006	.008	0	.005	.006	0	.006	.005
200	600	0	.006	.010	0	.006	.006	0	.007	.005
200	700	0	.006	.010	0	.007	.006	0	.009	.006
200	800	0	.008	.010	0	.008	.006	0	.010	.006
200	900	0	.010	.010	0	.009	.006	0	.011	.006
200	1,000	0	.010	.010	0	.010	.006	0	.012	.006
200	1,200	0	.010	.010	0	.011	.006	0	.014	.006
200	1,400	0	.012	.010	0	.013	.007	0	.016	.006
200	1,600	0	.014	.010	0	.014	.007	0	.018	.006
200	1,800	0	.016	.010	0	.016	.007	0	.019	.007
200	2,000	0	.016	.010	0	.016	.008	0	.019	.007
200	2,200	0	.014	.012	0	.015	.008	0	.020	.008
200	2,400	0	.014	.012	0	.015	.008	0	.019	.009
200	2,600	0	.012	.012	0	.014	.009	0	.018	.010
200	2,800	0	.010	.014	0	.012	.011	0	.016	.012

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
200	3,000	0	0.008	0.014	0	0.010	0.013	0	0.014	0.013
200	3,500	0	.004	.018	0	.005	.014	0	.008	.015
200	4,000	0	0	.018	0	.002	.014	0	.006	.014
220	200	0	.002	.006	0	.002	.004	0	.002	.004
220	300	0	.004	.008	0	.003	.005	0	.004	.004
220	400	0	.004	.008	0	.004	.005	0	.004	.005
220	500	0	.004	.008	0	.004	.006	0	.005	.005
220	600	0	.006	.008	0	.005	.006	0	.006	.005
220	700	0	.006	.010	0	.006	.006	0	.007	.005
220	800	0	.006	.010	0	.007	.006	0	.008	.005
220	900	0	.008	.010	0	.008	.006	0	.009	.005
220	1,000	0	.008	.010	0	.008	.006	0	.010	.006
220	1,200	0	.010	.010	0	.010	.006	0	.012	.006
220	1,400	0	.010	.010	0	.011	.007	0	.014	.006
220	1,600	0	.012	.010	0	.013	.007	0	.016	.006
220	1,800	0	.014	.010	0	.014	.007	0	.016	.006
220	2,000	0	.012	.010	0	.014	.007	0	.017	.007
220	2,200	0	.014	.010	0	.014	.008	0	.018	.007
220	2,400	0	.014	.012	0	.014	.009	0	.017	.009
220	2,600	0	.010	.012	0	.012	.009	0	.017	.009
220	2,800	0	.010	.014	0	.011	.011	0	.015	.011
220	3,000	0	.008	.014	0	.009	.012	0	.013	.012
220	3,500	0	.002	.018	0	.005	.014	0	.008	.014
220	4,000	0	0	.016	0	.003	.014	0	.006	.014
250	200	0	.002	.006	0	.002	.004	0	.002	.003
250	300	0	.002	.006	0	.003	.005	0	.003	.004
250	400	0	.002	.008	0	.003	.005	0	.003	.004
250	500	0	.004	.008	0	.003	.005	0	.004	.004
250	600	0	.004	.008	0	.004	.005	0	.005	.004
250	700	0	.006	.008	0	.005	.006	0	.006	.005
250	800	0	.006	.010	0	.005	.006	0	.007	.005
250	900	0	.006	.010	0	.006	.005	0	.007	.005

**Table 16.** Simulated eight-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
250	1,000	0	0.006	0.010	0	0.007	0.006	0	0.008	0.005
250	1,200	0	.008	.010	0	.008	.006	0	.010	.005
250	1,400	0	.010	.010	0	.010	.006	0	.011	.005
250	1,600	0	.010	.010	0	.011	.006	0	.013	.005
250	1,800	0	.012	.010	0	.012	.007	0	.014	.006
250	2,000	0	.012	.010	0	.012	.007	0	.015	.006
250	2,200	0	.012	.010	0	.012	.007	0	.015	.007
250	2,400	0	.010	.012	0	.012	.008	0	.015	.008
250	2,600	0	.010	.012	0	.011	.009	0	.015	.009
250	2,800	0	.008	.014	0	.010	.010	0	.013	.010
250	3,000	0	.008	.014	0	.008	.011	0	.012	.011
250	3,500	0	.002	.016	0	.005	.013	0	.008	.013
250	4,000	0	.002	.016	0	.003	.014	0	.006	.013

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
1	200	0.5	0.316	0.184	1	0.341	0.191	3	0.359	0.197
1	300	.5	.130	.112	1	.154	.124	3	.177	.138
1	400	.5	.072	.076	1	.092	.088	3	.113	.104
1	500	.5	.036	.050	1	.050	.059	3	.067	.073
1	600	.5	.018	.030	1	.024	.035	3	.036	.046
1	700	.5	.010	.020	1	.014	.023	3	.022	.032
1	800	.5	.006	.018	1	.008	.019	3	.013	.023
1	900	.5	.004	.014	1	.005	.015	3	.008	.018
1	1,000	.5	.002	.006	1	.002	.006	3	.005	.009
1	1,200	.5	0	.004	1	.001	.003	3	.001	.004
1	1,400	.5	0	.004	1	0	.003	3	0	.002
1	1,600	.5	0	.004	1	0	.002	3	0	.002
1	1,800	.5	0	.004	1	0	.002	3	0	.002
1	2,000	.5	0	.004	1	0	.003	3	0	.002
1	2,200	.5	-.002	.004	1	-.001	.003	3	0	.002
1	2,400	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,600	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
1	3,000	.5	-.004	.008	1	-.002	.006	3	-.001	.003
1	3,500	.5	-.006	.014	1	-.005	.009	3	-.002	.005
1	4,000	.5	-.006	.012	1	-.004	.008	3	-.002	.004
2	200	.5	.408	.204	1	.428	.208	3	.462	.215
2	300	.5	.202	.138	1	.225	.149	3	.267	.166
2	400	.5	.124	.100	1	.145	.112	3	.186	.135
2	500	.5	.068	.070	1	.085	.079	3	.119	.101
2	600	.5	.034	.042	1	.045	.051	3	.069	.069
2	700	.5	.020	.030	1	.028	.035	3	.046	.053
2	800	.5	.010	.022	1	.015	.026	3	.029	.037
2	900	.5	.006	.018	1	.009	.019	3	.018	.028
2	1,000	.5	.004	.008	1	.005	.010	3	.012	.018
2	1,200	.5	0	.004	1	.001	.005	3	.004	.008

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
2	1,400	0.5	0	0.004	1	0.001	0.003	3	0.002	0.004
2	1,600	.5	0	.004	1	0	.003	3	0	.003
2	1,800	.5	0	.004	1	0	.003	3	0	.003
2	2,000	.5	0	.004	1	0	.004	3	0	.004
2	2,200	.5	0	.004	1	-.001	.003	3	0	.002
2	2,400	.5	0	.006	1	-.001	.005	3	0	.004
2	2,600	.5	-.002	.008	1	-.002	.005	3	-.001	.004
2	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
2	3,000	.5	-.004	.010	1	-.003	.007	3	-.001	.005
2	3,500	.5	-.006	.014	1	-.005	.01	3	-.003	.006
2	4,000	.5	-.006	.014	1	-.005	.009	3	-.003	.005
3	200	.5	.468	.212	1	.484	.215	3	.521	.222
3	300	.5	.262	.156	1	.280	.163	3	.330	.181
3	400	.5	.174	.120	1	.192	.129	3	.242	.152
3	500	.5	.104	.088	1	.120	.096	3	.164	.119
3	600	.5	.056	.056	1	.067	.064	3	.102	.087
3	700	.5	.034	.040	1	.043	.047	3	.071	.069
3	800	.5	.020	.030	1	.026	.033	3	.046	.050
3	900	.5	.012	.022	1	.016	.025	3	.031	.039
3	1,000	.5	.006	.012	1	.009	.015	3	.021	.027
3	1,200	.5	.002	.006	1	.003	.007	3	.008	.012
3	1,400	.5	0	.006	1	.001	.005	3	.003	.007
3	1,600	.5	0	.004	1	0	.003	3	.001	.004
3	1,800	.5	0	.004	1	0	.003	3	0	.003
3	2,000	.5	0	.006	1	0	.004	3	0	.005
3	2,200	.5	-.002	.004	1	-.001	.004	3	0	.003
3	2,400	.5	-.002	.006	1	-.001	.005	3	0	.005
3	2,600	.5	-.002	.006	1	-.001	.005	3	-.001	.005
3	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.003
3	3,000	.5	-.002	.008	1	-.001	.006	3	-.001	.005
3	3,500	.5	-.006	.014	1	-.005	.010	3	-.003	.007
3	4,000	.5	-.008	.014	1	-.005	.009	3	-.004	.006

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
4	200	0.5	0.512	0.218	1	0.525	0.219	3	0.562	0.224
4	300	.5	.310	.168	1	.326	.174	3	.378	.189
4	400	.5	.218	.134	1	.233	.142	3	.287	.164
4	500	.5	.140	.102	1	.153	.109	3	.204	.133
4	600	.5	.080	.070	1	.091	.077	3	.133	.101
4	700	.5	.052	.052	1	.060	.059	3	.095	.083
4	800	.5	.032	.038	1	.038	.042	3	.065	.062
4	900	.5	.020	.028	1	.024	.032	3	.044	.049
4	1,000	.5	.012	.018	1	.015	.021	3	.031	.036
4	1,200	.5	.004	.008	1	.005	.009	3	.013	.018
4	1,400	.5	.002	.006	1	.002	.006	3	.005	.009
4	1,600	.5	0	.004	1	0	.004	3	.002	.005
4	1,800	.5	0	.004	1	0	.003	3	.001	.004
4	2,000	.5	0	.006	1	0	.005	3	0	.006
4	2,200	.5	-.002	.006	1	-.001	.004	3	0	.004
4	2,400	.5	0	.006	1	0	.005	3	0	.006
4	2,600	.5	0	.006	1	-.001	.006	3	0	.006
4	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.003
4	3,000	.5	-.002	.010	1	-.002	.007	3	-.002	.007
4	3,500	.5	-.006	.014	1	-.005	.010	3	-.004	.009
4	4,000	.5	-.006	.012	1	-.005	.008	3	-.004	.007
5	200	.5	.546	.220	1	.557	.222	3	.591	.225
5	300	.5	.352	.178	1	.364	.181	3	.414	.194
5	400	.5	.256	.146	1	.270	.153	3	.323	.172
5	500	.5	.172	.116	1	.185	.121	3	.236	.142
5	600	.5	.104	.082	1	.115	.088	3	.160	.111
5	700	.5	.070	.064	1	.079	.070	3	.117	.094
5	800	.5	.044	.046	1	.051	.051	3	.082	.072
5	900	.5	.028	.036	1	.033	.039	3	.057	.058
5	1,000	.5	.018	.024	1	.022	.027	3	.041	.044
5	1,200	.5	.006	.012	1	.008	.013	3	.018	.023
5	1,400	.5	.002	.008	1	.003	.007	3	.008	.012

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
5	1,600	0.5	0	0.006	1	0.001	0.005	3	0.004	0.007
5	1,800	.5	0	.004	1	0	.003	3	.001	.005
5	2,000	.5	0	.006	1	0	.005	3	.001	.006
5	2,200	.5	0	.006	1	0	.004	3	0	.004
5	2,400	.5	0	.008	1	0	.005	3	0	.006
5	2,600	.5	0	.008	1	-.001	.005	3	0	.006
5	2,800	.5	-.002	.006	1	-.002	.005	3	-.002	.003
5	3,000	.5	-.004	.010	1	-.002	.008	3	-.002	.007
5	3,500	.5	-.006	.014	1	-.004	.011	3	-.003	.009
5	4,000	.5	-.006	.014	1	-.006	.010	3	-.004	.007
6	200	.5	.576	.222	1	.583	.223	3	.612	.225
6	300	.5	.386	.184	1	.397	.187	3	.439	.197
6	400	.5	.290	.156	1	.303	.161	3	.349	.177
6	500	.5	.202	.126	1	.215	.130	3	.261	.148
6	600	.5	.128	.094	1	.139	.098	3	.181	.118
6	700	.5	.088	.074	1	.098	.080	3	.135	.101
6	800	.5	.058	.056	1	.066	.060	3	.097	.079
6	900	.5	.038	.044	1	.044	.047	3	.068	.065
6	1,000	.5	.024	.032	1	.029	.034	3	.049	.051
6	1,200	.5	.010	.016	1	.012	.016	3	.023	.027
6	1,400	.5	.004	.010	1	.005	.009	3	.011	.015
6	1,600	.5	0	.006	1	.002	.006	3	.005	.008
6	1,800	.5	0	.004	1	0	.004	3	.002	.005
6	2,000	.5	0	.006	1	0	.005	3	.001	.007
6	2,200	.5	0	.006	1	0	.005	3	0	.005
6	2,400	.5	0	.008	1	-.001	.007	3	0	.007
6	2,600	.5	0	.008	1	-.001	.007	3	0	.007
6	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.003
6	3,000	.5	-.002	.010	1	-.002	.007	3	-.002	.007
6	3,500	.5	-.006	.012	1	-.004	.010	3	-.003	.009
6	4,000	.5	-.006	.012	1	-.005	.009	3	-.004	.007
7	200	.5	.598	.224	1	.605	.224	3	.630	.224

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
7	300	0.5	0.416	0.190	1	0.425	0.191	3	0.463	0.199
7	400	.5	.320	.164	1	.332	.168	3	.373	.182
7	500	.5	.232	.134	1	.242	.138	3	.285	.154
7	600	.5	.152	.102	1	.162	.107	3	.202	.125
7	700	.5	.108	.084	1	.117	.089	3	.152	.109
7	800	.5	.074	.064	1	.081	.068	3	.111	.086
7	900	.5	.050	.052	1	.055	.054	3	.080	.071
7	1,000	.5	.034	.038	1	.038	.041	3	.059	.057
7	1,200	.5	.014	.020	1	.016	.021	3	.028	.032
7	1,400	.5	.006	.012	1	.007	.012	3	.014	.018
7	1,600	.5	.002	.008	1	.003	.007	3	.007	.010
7	1,800	.5	0	.006	1	.001	.005	3	.003	.006
7	2,000	.5	0	.006	1	.001	.007	3	.001	.007
7	2,200	.5	0	.006	1	-.001	.006	3	0	.005
7	2,400	.5	0	.008	1	-.001	.007	3	0	.007
7	2,600	.5	-.002	.008	1	-.001	.007	3	0	.007
7	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.004
7	3,000	.5	-.002	.010	1	-.002	.008	3	-.002	.008
7	3,500	.5	-.006	.014	1	-.004	.010	3	-.003	.010
7	4,000	.5	-.006	.014	1	-.005	.009	3	-.004	.007
8	200	.5	.618	.224	1	.624	.224	3	.645	.224
8	300	.5	.442	.194	1	.450	.195	3	.484	.201
8	400	.5	.348	.170	1	.358	.174	3	.395	.185
8	500	.5	.258	.142	1	.267	.145	3	.307	.159
8	600	.5	.174	.110	1	.184	.115	3	.221	.131
8	700	.5	.126	.092	1	.135	.097	3	.170	.115
8	800	.5	.090	.072	1	.096	.077	3	.126	.093
8	900	.5	.060	.058	1	.067	.062	3	.092	.078
8	1,000	.5	.042	.044	1	.047	.048	3	.068	.063
8	1,200	.5	.018	.024	1	.021	.025	3	.034	.037
8	1,400	.5	.008	.014	1	.009	.014	3	.017	.021
8	1,600	.5	.004	.010	1	.004	.009	3	.009	.012



**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
8	1,800	0.5	0.002	0.006	1	0.001	0.005	3	0.004	0.007
8	2,000	.5	0	.008	1	.001	.007	3	.002	.008
8	2,200	.5	0	.006	1	0	.006	3	.001	.006
8	2,400	.5	0	.008	1	0	.006	3	0	.007
8	2,600	.5	0	.008	1	0	.007	3	0	.008
8	2,800	.5	-.002	.006	1	-.002	.005	3	-.002	.004
8	3,000	.5	-.002	.010	1	-.002	.009	3	-.001	.008
8	3,500	.5	-.006	.016	1	-.004	.011	3	-.003	.010
8	4,000	.5	-.006	.012	1	-.005	.009	3	-.004	.007
9	200	.5	.634	.224	1	.640	.224	3	.659	.223
9	300	.5	.464	.196	1	.472	.198	3	.503	.203
9	400	.5	.372	.176	1	.381	.179	3	.415	.189
9	500	.5	.282	.148	1	.291	.151	3	.327	.163
9	600	.5	.196	.118	1	.205	.122	3	.240	.136
9	700	.5	.146	.1	1	.153	.105	3	.187	.121
9	800	.5	.104	.080	1	.111	.084	3	.141	.099
9	900	.5	.072	.066	1	.079	.068	3	.104	.084
9	1,000	.5	.052	.050	1	.056	.054	3	.078	.070
9	1,200	.5	.024	.028	1	.026	.030	3	.040	.041
9	1,400	.5	.010	.016	1	.012	.017	3	.021	.025
9	1,600	.5	.006	.010	1	.006	.010	3	.011	.015
9	1,800	.5	.002	.006	1	.002	.006	3	.005	.009
9	2,000	.5	0	.008	1	.001	.007	3	.003	.009
9	2,200	.5	0	.006	1	0	.006	3	.001	.006
9	2,400	.5	0	.008	1	0	.007	3	0	.007
9	2,600	.5	0	.008	1	0	.008	3	0	.008
9	2,800	.5	-.002	.006	1	-.001	.004	3	-.001	.004
9	3,000	.5	-.002	.010	1	-.002	.008	3	-.001	.009
9	3,500	.5	-.006	.016	1	-.004	.011	3	-.003	.011
9	4,000	.5	-.006	.014	1	-.005	.010	3	-.004	.007
10	200	.5	.650	.224	1	.654	.224	3	.672	.223
10	300	.5	.486	.198	1	.492	.200	3	.520	.204

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
10	400	0.5	0.394	0.182	1	0.403	0.183	3	0.434	0.192
10	500	.5	.304	.154	1	.312	.156	3	.346	.167
10	600	.5	.216	.124	1	.225	.128	3	.258	.141
10	700	.5	.162	.108	1	.171	.111	3	.203	.127
10	800	.5	.120	.086	1	.126	.091	3	.155	.105
10	900	.5	.086	.072	1	.091	.075	3	.116	.090
10	1,000	.5	.062	.058	1	.066	.061	3	.088	.075
10	1,200	.5	.028	.032	1	.032	.034	3	.047	.046
10	1,400	.5	.014	.020	1	.015	.020	3	.025	.028
10	1,600	.5	.006	.012	1	.008	.012	3	.013	.017
10	1,800	.5	.002	.008	1	.003	.008	3	.006	.010
10	2,000	.5	0	.010	1	.002	.009	3	.003	.009
10	2,200	.5	0	.008	1	0	.007	3	.001	.007
10	2,400	.5	0	.008	1	0	.008	3	0	.008
10	2,600	.5	0	.008	1	0	.008	3	0	.008
10	2,800	.5	-.004	.008	1	-.002	.005	3	-.002	.004
10	3,000	.5	-.004	.012	1	-.002	.009	3	-.001	.009
10	3,500	.5	-.006	.014	1	-.004	.012	3	-.003	.011
10	4,000	.5	-.006	.014	1	-.005	.009	3	-.004	.008
20	200	.5	.740	.218	1	.742	.218	3	.750	.215
20	300	.5	.616	.208	1	.619	.209	3	.633	.209
20	400	.5	.540	.206	1	.544	.207	3	.561	.209
20	500	.5	.460	.184	1	.465	.185	3	.484	.188
20	600	.5	.370	.164	1	.376	.166	3	.397	.171
20	700	.5	.306	.154	1	.312	.156	3	.334	.164
20	800	.5	.252	.136	1	.258	.137	3	.279	.145
20	900	.5	.202	.122	1	.206	.124	3	.227	.132
20	1,000	.5	.162	.108	1	.166	.110	3	.186	.119
20	1,200	.5	.100	.076	1	.104	.078	3	.120	.087
20	1,400	.5	.060	.054	1	.064	.056	3	.077	.064
20	1,600	.5	.036	.036	1	.038	.037	3	.048	.044
20	1,800	.5	.020	.026	1	.022	.026	3	.029	.032

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
20	2,000	0.5	0.012	0.018	1	0.012	0.018	3	0.017	0.021
20	2,200	.5	.006	.016	1	.007	.014	3	.011	.016
20	2,400	.5	.002	.010	1	.003	.010	3	.005	.012
20	2,600	.5	.002	.012	1	.002	.011	3	.003	.012
20	2,800	.5	-.002	.008	1	-.001	.006	3	0	.006
20	3,000	.5	-.002	.014	1	-.001	.012	3	0	.012
20	3,500	.5	-.004	.018	1	-.003	.014	3	-.002	.015
20	4,000	.5	-.004	.016	1	-.004	.012	3	-.003	.009
30	200	.5	.784	.212	1	.787	.211	3	.792	.207
30	300	.5	.684	.210	1	.687	.210	3	.696	.208
30	400	.5	.620	.216	1	.622	.215	3	.633	.215
30	500	.5	.552	.196	1	.555	.195	3	.568	.196
30	600	.5	.470	.184	1	.473	.184	3	.488	.186
30	700	.5	.406	.178	1	.409	.180	3	.425	.184
30	800	.5	.350	.162	1	.355	.163	3	.371	.167
30	900	.5	.294	.152	1	.299	.152	3	.316	.157
30	1,000	.5	.248	.140	1	.252	.141	3	.269	.146
30	1,200	.5	.174	.110	1	.178	.110	3	.193	.117
30	1,400	.5	.120	.086	1	.124	.088	3	.137	.095
30	1,600	.5	.080	.064	1	.083	.065	3	.094	.072
30	1,800	.5	.052	.052	1	.055	.052	3	.063	.059
30	2,000	.5	.032	.034	1	.033	.034	3	.040	.038
30	2,200	.5	.022	.026	1	.024	.027	3	.029	.030
30	2,400	.5	.012	.018	1	.012	.017	3	.016	.019
30	2,600	.5	.006	.016	1	.008	.015	3	.011	.017
30	2,800	.5	.002	.012	1	.003	.010	3	.006	.010
30	3,000	.5	0	.018	1	.001	.015	3	.003	.015
30	3,500	.5	-.002	.020	1	-.002	.019	3	0	.018
30	4,000	.5	-.004	.016	1	-.003	.013	3	-.002	.012
32	200	.5	.792	.210	1	.793	.209	3	.798	.206
32	300	.5	.694	.210	1	.697	.209	3	.705	.208
32	400	.5	.632	.216	1	.634	.216	3	.644	.215

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
32	500	0.5	0.566	0.198	1	0.568	0.197	3	0.581	0.197
32	600	.5	.486	.186	1	.488	.186	3	.503	.188
32	700	.5	.422	.182	1	.425	.183	3	.440	.187
32	800	.5	.366	.166	1	.371	.167	3	.387	.170
32	900	.5	.312	.156	1	.315	.156	3	.331	.161
32	1,000	.5	.264	.144	1	.268	.145	3	.284	.151
32	1,200	.5	.188	.114	1	.192	.116	3	.207	.122
32	1,400	.5	.132	.092	1	.136	.094	3	.149	.100
32	1,600	.5	.090	.070	1	.092	.070	3	.104	.077
32	1,800	.5	.060	.058	1	.062	.057	3	.071	.064
32	2,000	.5	.038	.036	1	.039	.037	3	.045	.041
32	2,200	.5	.026	.030	1	.028	.030	3	.033	.033
32	2,400	.5	.012	.020	1	.014	.018	3	.018	.021
32	2,600	.5	.008	.016	1	.010	.016	3	.013	.018
32	2,800	.5	.004	.012	1	.005	.010	3	.008	.011
32	3,000	.5	.002	.018	1	.002	.016	3	.004	.016
32	3,500	.5	-.002	.020	1	-.001	.019	3	0	.019
32	4,000	.5	-.004	.016	1	-.003	.014	3	-.002	.013
40	200	0	.198	.094	0	.197	.093	0	.180	.091
40	300	0	.292	.104	0	.288	.104	0	.262	.102
40	400	0	.328	.116	0	.324	.116	0	.296	.113
40	500	0	.360	.116	0	.357	.115	0	.330	.110
40	600	0	.370	.124	0	.366	.123	0	.343	.115
40	700	0	.354	.134	0	.352	.133	0	.335	.125
40	800	0	.342	.128	0	.340	.127	0	.329	.118
40	900	0	.314	.130	0	.314	.129	0	.309	.120
40	1,000	0	.282	.130	0	.284	.128	0	.284	.121
40	1,200	0	.228	.118	0	.230	.118	0	.240	.116
40	1,400	0	.174	.106	0	.178	.106	0	.193	.109
40	1,600	0	.128	.086	0	.131	.087	0	.147	.093
40	1,800	0	.092	.078	0	.096	.078	0	.112	.086
40	2,000	0	.060	.050	0	.062	.051	0	.075	.058

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
40	2,200	0	0.044	0.042	0	0.047	0.042	0	0.060	0.049
40	2,400	0	.024	.022	0	.027	.024	0	.037	.031
40	2,600	0	.018	.020	0	.019	.020	0	.028	.026
40	2,800	0	.010	.018	0	.011	.016	0	.019	.021
40	3,000	0	.004	.018	0	.004	.017	0	.008	.019
40	3,500	0	-.004	.022	0	-.003	.020	0	-.002	.020
40	4,000	0	-.008	.022	0	-.006	.019	0	-.005	.018
50	200	0	.110	.062	0	.109	.062	0	.105	.061
50	300	0	.166	.068	0	.166	.068	0	.158	.068
50	400	0	.192	.074	0	.192	.074	0	.183	.074
50	500	0	.226	.076	0	.225	.076	0	.215	.075
50	600	0	.248	.082	0	.247	.081	0	.238	.078
50	700	0	.252	.092	0	.251	.091	0	.243	.087
50	800	0	.258	.088	0	.258	.086	0	.252	.083
50	900	0	.254	.092	0	.254	.091	0	.250	.087
50	1,000	0	.240	.094	0	.241	.094	0	.240	.090
50	1,200	0	.220	.096	0	.222	.096	0	.225	.093
50	1,400	0	.188	.094	0	.190	.094	0	.198	.093
50	1,600	0	.150	.084	0	.153	.085	0	.163	.086
50	1,800	0	.120	.084	0	.123	.084	0	.135	.088
50	2,000	0	.084	.058	0	.086	.059	0	.097	.062
50	2,200	0	.068	.050	0	.069	.050	0	.081	.055
50	2,400	0	.044	.030	0	.045	.031	0	.055	.037
50	2,600	0	.032	.026	0	.034	.026	0	.043	.033
50	2,800	0	.022	.024	0	.024	.023	0	.032	.029
50	3,000	0	.010	.022	0	.012	.020	0	.018	.024
50	3,500	0	-.002	.022	0	-.001	.020	0	.001	.021
50	4,000	0	-.006	.022	0	-.005	.019	0	-.004	.018
60	200	0	.074	.048	0	.074	.047	0	.072	.047
60	300	0	.114	.050	0	.113	.050	0	.111	.050
60	400	0	.132	.054	0	.132	.054	0	.129	.054
60	500	0	.160	.056	0	.160	.056	0	.156	.056

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
60	600	0	0.182	0.058	0	0.181	0.058	0	0.177	0.058
60	700	0	.190	.066	0	.189	.066	0	.186	.065
60	800	0	.200	.064	0	.201	.064	0	.198	.063
60	900	0	.206	.070	0	.205	.069	0	.204	.067
60	1,000	0	.200	.074	0	.201	.073	0	.200	.071
60	1,200	0	.198	.078	0	.198	.077	0	.200	.076
60	1,400	0	.180	.078	0	.181	.077	0	.186	.076
60	1,600	0	.154	.074	0	.156	.075	0	.163	.075
60	1,800	0	.132	.078	0	.135	.078	0	.144	.079
60	2,000	0	.098	.058	0	.101	.058	0	.109	.060
60	2,200	0	.082	.052	0	.085	.052	0	.094	.054
60	2,400	0	.058	.034	0	.060	.035	0	.069	.039
60	2,600	0	.046	.032	0	.048	.032	0	.056	.037
60	2,800	0	.034	.030	0	.036	.030	0	.045	.035
60	3,000	0	.020	.026	0	.021	.025	0	.027	.029
60	3,500	0	0	.024	0	.002	.021	0	.006	.024
60	4,000	0	-.006	.024	0	-.003	.019	0	-.002	.019
70	200	0	.054	.038	0	.055	.038	0	.055	.039
70	300	0	.084	.040	0	.084	.040	0	.083	.041
70	400	0	.098	.044	0	.099	.043	0	.098	.043
70	500	0	.122	.046	0	.121	.044	0	.120	.045
70	600	0	.140	.046	0	.140	.046	0	.139	.046
70	700	0	.150	.052	0	.149	.051	0	.148	.051
70	800	0	.160	.052	0	.162	.051	0	.161	.051
70	900	0	.168	.056	0	.169	.056	0	.169	.055
70	1,000	0	.168	.060	0	.169	.059	0	.169	.059
70	1,200	0	.174	.064	0	.174	.063	0	.176	.062
70	1,400	0	.166	.064	0	.167	.064	0	.170	.063
70	1,600	0	.148	.064	0	.151	.064	0	.156	.064
70	1,800	0	.136	.068	0	.137	.068	0	.144	.068
70	2,000	0	.104	.054	0	.107	.054	0	.114	.055
70	2,200	0	.092	.050	0	.094	.049	0	.102	.051

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
70	2,400	0	0.068	0.036	0	0.071	0.036	0	0.078	0.039
70	2,600	0	.056	.034	0	.058	.034	0	.066	.039
70	2,800	0	.046	.034	0	.047	.034	0	.055	.039
70	3,000	0	.028	.030	0	.030	.029	0	.036	.033
70	3,500	0	.004	.026	0	.007	.025	0	.011	.028
70	4,000	0	-.004	.022	0	0	.020	0	.001	.021
80	200	0	.044	.034	0	.043	.033	0	.044	.034
80	300	0	.066	.034	0	.066	.034	0	.066	.034
80	400	0	.078	.036	0	.078	.036	0	.078	.036
80	500	0	.096	.038	0	.096	.037	0	.096	.037
80	600	0	.112	.040	0	.113	.038	0	.113	.039
80	700	0	.122	.042	0	.122	.042	0	.122	.042
80	800	0	.134	.044	0	.134	.043	0	.134	.043
80	900	0	.142	.048	0	.142	.047	0	.143	.047
80	1,000	0	.144	.050	0	.144	.050	0	.145	.050
80	1,200	0	.152	.054	0	.153	.053	0	.154	.052
80	1,400	0	.150	.054	0	.151	.053	0	.154	.053
80	1,600	0	.140	.054	0	.142	.054	0	.146	.054
80	1,800	0	.132	.060	0	.134	.059	0	.139	.058
80	2,000	0	.108	.050	0	.109	.049	0	.115	.050
80	2,200	0	.096	.046	0	.098	.046	0	.105	.048
80	2,400	0	.076	.036	0	.077	.036	0	.084	.039
80	2,600	0	.064	.036	0	.065	.035	0	.073	.039
80	2,800	0	.052	.036	0	.054	.036	0	.061	.040
80	3,000	0	.036	.034	0	.038	.033	0	.044	.036
80	3,500	0	.012	.030	0	.012	.028	0	.017	.031
80	4,000	0	0	.022	0	.001	.021	0	.004	.023
90	200	0	.036	.030	0	.035	.029	0	.036	.030
90	300	0	.054	.030	0	.054	.030	0	.054	.030
90	400	0	.064	.032	0	.064	.031	0	.064	.032
90	500	0	.078	.032	0	.079	.032	0	.079	.033
90	600	0	.094	.034	0	.094	.034	0	.094	.034

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
90	700	0	0.102	0.036	0	0.102	0.036	0	0.102	0.037
90	800	0	.114	.038	0	.113	.037	0	.114	.037
90	900	0	.122	.040	0	.122	.041	0	.123	.041
90	1,000	0	.124	.044	0	.125	.043	0	.126	.043
90	1,200	0	.134	.046	0	.134	.045	0	.136	.045
90	1,400	0	.136	.046	0	.137	.045	0	.140	.045
90	1,600	0	.132	.048	0	.132	.047	0	.136	.047
90	1,800	0	.126	.052	0	.127	.050	0	.133	.050
90	2,000	0	.106	.046	0	.108	.045	0	.113	.046
90	2,200	0	.098	.044	0	.099	.043	0	.105	.044
90	2,400	0	.080	.036	0	.081	.035	0	.087	.037
90	2,600	0	.068	.034	0	.070	.035	0	.076	.039
90	2,800	0	.058	.038	0	.060	.037	0	.066	.041
90	3,000	0	.042	.036	0	.044	.034	0	.049	.037
90	3,500	0	.014	.032	0	.017	.030	0	.021	.033
90	4,000	0	.002	.026	0	.004	.023	0	.008	.025
100	200	0	.030	.026	0	.030	.026	0	.030	.027
100	300	0	.044	.028	0	.045	.027	0	.046	.027
100	400	0	.052	.030	0	.053	.028	0	.054	.029
100	500	0	.066	.030	0	.066	.029	0	.067	.030
100	600	0	.080	.030	0	.079	.030	0	.080	.031
100	700	0	.086	.032	0	.087	.032	0	.088	.033
100	800	0	.096	.034	0	.097	.033	0	.099	.033
100	900	0	.104	.036	0	.105	.036	0	.107	.036
100	1,000	0	.108	.038	0	.109	.038	0	.110	.038
100	1,200	0	.118	.040	0	.119	.039	0	.121	.039
100	1,400	0	.122	.040	0	.124	.040	0	.127	.040
100	1,600	0	.122	.042	0	.123	.041	0	.126	.041
100	1,800	0	.120	.044	0	.120	.044	0	.125	.043
100	2,000	0	.104	.042	0	.105	.042	0	.110	.042
100	2,200	0	.096	.040	0	.098	.040	0	.104	.041
100	2,400	0	.080	.034	0	.082	.034	0	.088	.036



**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
100	2,600	0	0.070	0.036	0	0.072	0.035	0	0.078	0.038
100	2,800	0	.060	.038	0	.063	.037	0	.068	.040
100	3,000	0	.046	.036	0	.048	.035	0	.053	.038
100	3,500	0	.018	.032	0	.021	.031	0	.025	.034
100	4,000	0	.006	.026	0	.008	.024	0	.011	.027
120	200	0	.022	.022	0	.022	.022	0	.023	.022
120	300	0	.034	.024	0	.033	.023	0	.034	.023
120	400	0	.040	.026	0	.040	.025	0	.040	.025
120	500	0	.050	.026	0	.049	.024	0	.050	.025
120	600	0	.060	.026	0	.059	.026	0	.060	.026
120	700	0	.066	.028	0	.066	.027	0	.067	.028
120	800	0	.074	.028	0	.075	.027	0	.076	.028
120	900	0	.082	.030	0	.081	.029	0	.083	.029
120	1,000	0	.084	.032	0	.085	.031	0	.087	.031
120	1,200	0	.094	.032	0	.095	.031	0	.097	.031
120	1,400	0	.102	.032	0	.102	.032	0	.105	.032
120	1,600	0	.104	.034	0	.105	.033	0	.108	.033
120	1,800	0	.106	.036	0	.106	.034	0	.110	.034
120	2,000	0	.096	.036	0	.097	.036	0	.101	.036
120	2,200	0	.090	.036	0	.093	.035	0	.098	.036
120	2,400	0	.080	.032	0	.082	.032	0	.086	.034
120	2,600	0	.072	.034	0	.073	.033	0	.078	.036
120	2,800	0	.062	.036	0	.064	.036	0	.069	.039
120	3,000	0	.050	.036	0	.053	.035	0	.057	.037
120	3,500	0	.026	.034	0	.027	.033	0	.031	.035
120	4,000	0	.012	.028	0	.014	.027	0	.017	.029
128	200	0	.020	.022	0	.020	.020	0	.021	.021
128	300	0	.030	.022	0	.030	.022	0	.031	.022
128	400	0	.036	.024	0	.036	.023	0	.037	.024
128	500	0	.044	.024	0	.044	.023	0	.045	.024
128	600	0	.054	.024	0	.054	.024	0	.055	.025
128	700	0	.060	.026	0	.060	.026	0	.061	.027

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
128	800	0	0.068	0.026	0	0.068	0.026	0	0.069	0.026
128	900	0	.074	.028	0	.074	.027	0	.076	.028
128	1,000	0	.078	.030	0	.078	.029	0	.080	.029
128	1,200	0	.088	.030	0	.088	.029	0	.090	.029
128	1,400	0	.094	.030	0	.095	.030	0	.097	.030
128	1,600	0	.098	.032	0	.099	.031	0	.102	.031
128	1,800	0	.100	.032	0	.101	.032	0	.104	.032
128	2,000	0	.092	.034	0	.093	.034	0	.097	.034
128	2,200	0	.090	.034	0	.090	.034	0	.095	.034
128	2,400	0	.078	.032	0	.080	.031	0	.085	.033
128	2,600	0	.072	.034	0	.072	.032	0	.077	.035
128	2,800	0	.064	.036	0	.064	.035	0	.069	.038
128	3,000	0	.052	.036	0	.053	.034	0	.057	.036
128	3,500	0	.026	.036	0	.029	.033	0	.033	.035
128	4,000	0	.014	.030	0	.015	.028	0	.019	.030
140	200	0	.018	.020	0	.018	.019	0	.018	.019
140	300	0	.026	.022	0	.026	.020	0	.027	.021
140	400	0	.030	.024	0	.031	.022	0	.032	.023
140	500	0	.038	.022	0	.038	.022	0	.039	.022
140	600	0	.046	.024	0	.047	.022	0	.047	.023
140	700	0	.052	.026	0	.052	.024	0	.053	.025
140	800	0	.058	.024	0	.059	.024	0	.060	.024
140	900	0	.064	.026	0	.065	.025	0	.066	.025
140	1,000	0	.068	.028	0	.069	.026	0	.071	.027
140	1,200	0	.076	.028	0	.078	.026	0	.080	.027
140	1,400	0	.084	.028	0	.085	.027	0	.088	.027
140	1,600	0	.090	.030	0	.090	.028	0	.093	.028
140	1,800	0	.092	.030	0	.093	.028	0	.096	.029
140	2,000	0	.088	.032	0	.088	.031	0	.091	.031
140	2,200	0	.086	.032	0	.086	.031	0	.090	.031
140	2,400	0	.076	.030	0	.077	.030	0	.082	.031
140	2,600	0	.070	.032	0	.071	.031	0	.075	.033

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
140	2,800	0	0.062	0.034	0	0.063	0.034	0	0.067	0.036
140	3,000	0	.052	.034	0	.054	.033	0	.057	.035
140	3,500	0	.028	.034	0	.031	.033	0	.035	.035
140	4,000	0	.016	.032	0	.018	.028	0	.021	.030
160	200	0	.014	.018	0	.014	.017	0	.015	.017
160	300	0	.020	.020	0	.021	.018	0	.021	.018
160	400	0	.024	.020	0	.025	.020	0	.026	.020
160	500	0	.030	.020	0	.031	.019	0	.031	.020
160	600	0	.038	.022	0	.037	.020	0	.038	.021
160	700	0	.042	.022	0	.042	.022	0	.043	.022
160	800	0	.048	.022	0	.048	.021	0	.049	.022
160	900	0	.052	.024	0	.053	.022	0	.054	.022
160	1,000	0	.056	.024	0	.057	.023	0	.058	.024
160	1,200	0	.064	.024	0	.064	.023	0	.066	.024
160	1,400	0	.070	.024	0	.072	.024	0	.074	.024
160	1,600	0	.078	.026	0	.078	.024	0	.080	.024
160	1,800	0	.080	.026	0	.081	.025	0	.084	.025
160	2,000	0	.078	.028	0	.079	.027	0	.082	.027
160	2,200	0	.078	.028	0	.079	.027	0	.082	.028
160	2,400	0	.072	.028	0	.073	.027	0	.076	.028
160	2,600	0	.066	.030	0	.067	.029	0	.071	.030
160	2,800	0	.060	.032	0	.060	.031	0	.064	.033
160	3,000	0	.050	.032	0	.053	.031	0	.057	.033
160	3,500	0	.032	.034	0	.034	.031	0	.037	.034
160	4,000	0	.018	.030	0	.021	.029	0	.025	.030
180	200	0	.012	.016	0	.012	.015	0	.012	.015
180	300	0	.018	.018	0	.017	.016	0	.018	.017
180	400	0	.020	.020	0	.020	.018	0	.021	.018
180	500	0	.026	.018	0	.025	.017	0	.026	.018
180	600	0	.030	.020	0	.031	.018	0	.032	.019
180	700	0	.036	.020	0	.035	.020	0	.036	.020
180	800	0	.040	.020	0	.040	.019	0	.041	.020

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
180	900	0	0.044	0.020	0	0.044	0.020	0	0.040	0.020
180	1,000	0	.046	.022	0	.047	.021	0	.049	.021
180	1,200	0	.054	.022	0	.054	.021	0	.056	.022
180	1,400	0	.060	.022	0	.061	.022	0	.063	.022
180	1,600	0	.066	.024	0	.068	.022	0	.070	.022
180	1,800	0	.070	.024	0	.071	.022	0	.074	.023
180	2,000	0	.070	.024	0	.071	.024	0	.073	.024
180	2,200	0	.070	.026	0	.072	.024	0	.075	.024
180	2,400	0	.066	.026	0	.067	.025	0	.071	.026
180	2,600	0	.062	.026	0	.063	.026	0	.067	.028
180	2,800	0	.056	.032	0	.057	.030	0	.061	.031
180	3,000	0	.050	.030	0	.051	.030	0	.055	.031
180	3,500	0	.032	.032	0	.034	.030	0	.037	.032
180	4,000	0	.022	.032	0	.024	.029	0	.027	.030
200	200	0	.010	.016	0	.010	.014	0	.010	.014
200	300	0	.014	.016	0	.014	.015	0	.015	.015
200	400	0	.018	.018	0	.018	.017	0	.018	.017
200	500	0	.020	.018	0	.021	.016	0	.022	.016
200	600	0	.026	.018	0	.026	.017	0	.026	.017
200	700	0	.030	.020	0	.030	.018	0	.030	.019
200	800	0	.034	.018	0	.033	.018	0	.034	.018
200	900	0	.036	.020	0	.037	.018	0	.038	.019
200	1,000	0	.040	.020	0	.040	.019	0	.041	.019
200	1,200	0	.046	.020	0	.046	.019	0	.048	.020
200	1,400	0	.052	.022	0	.053	.020	0	.054	.020
200	1,600	0	.058	.022	0	.059	.020	0	.061	.020
200	1,800	0	.062	.022	0	.063	.021	0	.065	.021
200	2,000	0	.062	.022	0	.063	.021	0	.066	.021
200	2,200	0	.064	.024	0	.065	.021	0	.068	.022
200	2,400	0	.060	.024	0	.062	.022	0	.065	.023
200	2,600	0	.058	.026	0	.059	.024	0	.062	.025
200	2,800	0	.052	.028	0	.053	.027	0	.057	.028

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
200	3,000	0	0.048	0.030	0	0.048	0.028	0	0.052	0.029
200	3,500	0	.032	.030	0	.034	.029	0	.038	.031
200	4,000	0	.024	.030	0	.026	.028	0	.029	.030
220	200	0	.008	.014	0	.009	.012	0	.009	.012
220	300	0	.012	.016	0	.012	.014	0	.013	.014
220	400	0	.014	.016	0	.015	.015	0	.015	.015
220	500	0	.018	.016	0	.018	.015	0	.018	.015
220	600	0	.022	.018	0	.022	.015	0	.023	.016
220	700	0	.024	.018	0	.025	.017	0	.026	.017
220	800	0	.028	.018	0	.028	.016	0	.029	.017
220	900	0	.032	.018	0	.032	.017	0	.032	.017
220	1,000	0	.034	.020	0	.035	.018	0	.036	.018
220	1,200	0	.040	.020	0	.040	.018	0	.041	.018
220	1,400	0	.046	.020	0	.046	.019	0	.047	.019
220	1,600	0	.052	.020	0	.052	.019	0	.054	.019
220	1,800	0	.056	.020	0	.055	.019	0	.057	.019
220	2,000	0	.056	.020	0	.057	.019	0	.059	.019
220	2,200	0	.058	.020	0	.059	.019	0	.061	.019
220	2,400	0	.056	.024	0	.057	.021	0	.060	.021
220	2,600	0	.054	.024	0	.054	.022	0	.057	.023
220	2,800	0	.048	.026	0	.050	.025	0	.053	.026
220	3,000	0	.046	.028	0	.046	.026	0	.049	.027
220	3,500	0	.032	.028	0	.034	.028	0	.037	.029
220	4,000	0	.024	.030	0	.026	.028	0	.029	.029
250	200	0	.006	.012	0	.007	.011	0	.007	.011
250	300	0	.010	.014	0	.010	.012	0	.010	.012
250	400	0	.012	.016	0	.012	.013	0	.013	.013
250	500	0	.014	.014	0	.014	.013	0	.015	.013
250	600	0	.018	.016	0	.017	.014	0	.018	.014
250	700	0	.020	.016	0	.020	.015	0	.021	.015
250	800	0	.022	.016	0	.023	.015	0	.023	.015
250	900	0	.026	.016	0	.025	.015	0	.026	.015

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
250	1,000	0	0.028	0.018	0	0.028	0.016	0	0.029	0.016
250	1,200	0	.032	.018	0	.032	.016	0	.033	.016
250	1,400	0	.038	.018	0	.038	.017	0	.039	.017
250	1,600	0	.042	.018	0	.043	.017	0	.045	.017
250	1,800	0	.046	.018	0	.046	.017	0	.048	.017
250	2,000	0	.048	.018	0	.049	.016	0	.050	.016
250	2,200	0	.050	.018	0	.051	.017	0	.053	.017
250	2,400	0	.048	.018	0	.050	.018	0	.053	.018
250	2,600	0	.046	.022	0	.048	.020	0	.051	.020
250	2,800	0	.044	.024	0	.044	.022	0	.048	.023
250	3,000	0	.040	.026	0	.042	.023	0	.045	.024
250	3,500	0	.032	.028	0	.033	.026	0	.036	.027
250	4,000	0	.024	.028	0	.028	.027	0	.030	.028
300	200	0	.004	.010	0	.005	.009	0	.005	.009
300	300	0	.008	.012	0	.007	.010	0	.007	.010
300	400	0	.008	.012	0	.009	.011	0	.009	.011
300	500	0	.010	.012	0	.010	.011	0	.010	.010
300	600	0	.012	.012	0	.012	.011	0	.013	.011
300	700	0	.014	.014	0	.015	.012	0	.015	.012
300	800	0	.016	.014	0	.016	.012	0	.017	.012
300	900	0	.018	.014	0	.018	.012	0	.019	.012
300	1,000	0	.020	.014	0	.020	.013	0	.021	.013
300	1,200	0	.024	.016	0	.023	.013	0	.024	.014
300	1,400	0	.026	.016	0	.027	.014	0	.028	.014
300	1,600	0	.032	.014	0	.032	.014	0	.033	.014
300	1,800	0	.034	.016	0	.035	.014	0	.036	.014
300	2,000	0	.036	.014	0	.038	.013	0	.039	.013
300	2,200	0	.038	.014	0	.040	.013	0	.041	.014
300	2,400	0	.040	.018	0	.040	.015	0	.043	.015
300	2,600	0	.038	.018	0	.040	.015	0	.042	.016
300	2,800	0	.036	.020	0	.037	.018	0	.040	.019
300	3,000	0	.036	.022	0	.036	.020	0	.039	.020

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
300	3,500	0	0.030	0.026	0	0.030	0.023	0	0.033	0.024
300	4,000	0	.026	.026	0	.027	.025	0	.029	.025
350	200	0	.004	.008	0	.004	.007	0	.004	.007
350	300	0	.006	.010	0	.005	.008	0	.006	.008
350	400	0	.006	.012	0	.007	.009	0	.007	.009
350	500	0	.008	.012	0	.007	.009	0	.008	.008
350	600	0	.008	.012	0	.009	.009	0	.009	.009
350	700	0	.010	.012	0	.011	.010	0	.011	.010
350	800	0	.012	.012	0	.012	.010	0	.012	.010
350	900	0	.014	.012	0	.013	.010	0	.014	.010
350	1,000	0	.016	.012	0	.015	.011	0	.015	.011
350	1,200	0	.018	.012	0	.017	.011	0	.018	.011
350	1,400	0	.020	.014	0	.021	.011	0	.021	.011
350	1,600	0	.024	.014	0	.024	.011	0	.025	.011
350	1,800	0	.026	.014	0	.026	.012	0	.028	.012
350	2,000	0	.030	.014	0	.029	.011	0	.030	.011
350	2,200	0	.030	.016	0	.031	.012	0	.033	.012
350	2,400	0	.032	.014	0	.033	.012	0	.035	.012
350	2,600	0	.032	.016	0	.034	.014	0	.035	.014
350	2,800	0	.030	.018	0	.031	.016	0	.033	.016
350	3,000	0	.030	.020	0	.031	.017	0	.033	.018
350	3,500	0	.026	.022	0	.027	.02	0	.029	.021
350	4,000	0	.024	.026	0	.025	.022	0	.028	.023
400	200	0	.004	.008	0	.003	.006	0	.003	.006
400	300	0	.004	.008	0	.004	.007	0	.004	.006
400	400	0	.006	.010	0	.005	.008	0	.005	.007
400	500	0	.006	.010	0	.006	.007	0	.006	.007
400	600	0	.006	.010	0	.007	.008	0	.007	.007
400	700	0	.008	.010	0	.008	.008	0	.008	.008
400	800	0	.010	.012	0	.009	.009	0	.009	.008
400	900	0	.010	.010	0	.010	.009	0	.010	.008
400	1,000	0	.012	.012	0	.011	.009	0	.012	.009

**Table 17.** Simulated 32-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meter; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
400	1,200	0	0.014	0.012	0	0.013	0.009	0	0.014	0.009
400	1,400	0	.016	.010	0	.016	.009	0	.016	.009
400	1,600	0	.018	.012	0	.019	.010	0	.019	.010
400	1,800	0	.020	.012	0	.021	.010	0	.021	.010
400	2,000	0	.022	.012	0	.023	.010	0	.024	.009
400	2,200	0	.024	.014	0	.025	.010	0	.026	.010
400	2,400	0	.026	.014	0	.028	.010	0	.029	.010
400	2,600	0	.026	.016	0	.028	.012	0	.029	.011
400	2,800	0	.026	.016	0	.026	.013	0	.028	.014
400	3,000	0	.026	.018	0	.027	.015	0	.029	.015
400	3,500	0	.022	.022	0	.024	.019	0	.026	.019
400	4,000	0	.022	.022	0	.023	.021	0	.026	.021
500	200	0	.002	.006	0	.002	.005	0	.002	.004
500	300	0	.002	.008	0	.003	.005	0	.003	.004
500	400	0	.004	.008	0	.003	.005	0	.003	.005
500	500	0	.004	.008	0	.003	.006	0	.004	.005
500	600	0	.004	.008	0	.004	.006	0	.004	.005
500	700	0	.006	.008	0	.005	.006	0	.005	.005
500	800	0	.006	.010	0	.005	.006	0	.006	.006
500	900	0	.006	.010	0	.006	.006	0	.006	.006
500	1,000	0	.006	.010	0	.007	.007	0	.007	.006
500	1,200	0	.008	.010	0	.008	.007	0	.008	.006
500	1,400	0	.010	.010	0	.010	.007	0	.010	.006
500	1,600	0	.012	.010	0	.011	.007	0	.012	.007
500	1,800	0	.012	.010	0	.013	.008	0	.013	.007
500	2,000	0	.016	.010	0	.015	.007	0	.016	.007
500	2,200	0	.016	.010	0	.017	.009	0	.017	.008
500	2,400	0	.020	.012	0	.019	.009	0	.020	.008
500	2,600	0	.018	.012	0	.020	.009	0	.021	.009
500	2,800	0	.018	.014	0	.019	.010	0	.020	.010
500	3,000	0	.020	.014	0	.020	.012	0	.021	.012
500	3,500	0	.016	.018	0	.018	.015	0	.020	.015
500	4,000	0	0.020	.018	0	0.019	.017	0	0.021	0.017



**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
1	200	0.5	0.316	0.184	1	0.341	0.191	3	0.359	0.197
1	300	.5	.130	.112	1	.154	.124	3	.177	.138
1	400	.5	.072	.076	1	.092	.088	3	.113	.104
1	500	.5	.036	.050	1	.050	.059	3	.067	.073
1	600	.5	.018	.030	1	.024	.035	3	.036	.046
1	700	.5	.010	.020	1	.014	.023	3	.022	.032
1	800	.5	.006	.018	1	.008	.019	3	.013	.023
1	900	.5	.004	.014	1	.005	.015	3	.008	.018
1	1,000	.5	.002	.006	1	.002	.006	3	.005	.009
1	1,200	.5	0	.004	1	.001	.003	3	.001	.004
1	1,400	.5	0	.004	1	0	.003	3	0	.002
1	1,600	.5	0	.004	1	0	.002	3	0	.002
1	1,800	.5	0	.004	1	0	.002	3	0	.002
1	2,000	.5	0	.004	1	0	.003	3	0	.002
1	2,200	.5	-.002	.004	1	-.001	.003	3	0	.002
1	2,400	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,600	.5	-.002	.006	1	-.001	.004	3	0	.003
1	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
1	3,000	.5	-.004	.008	1	-.002	.006	3	-.001	.003
1	3,500	.5	-.006	.014	1	-.005	.009	3	-.002	.005
1	4,000	.5	-.006	.012	1	-.004	.008	3	-.002	.004
2	200	.5	.408	.204	1	.428	.208	3	.462	.215
2	300	.5	.202	.138	1	.225	.149	3	.267	.166
2	400	.5	.124	.100	1	.145	.112	3	.186	.135
2	500	.5	.068	.070	1	.085	.079	3	.119	.101
2	600	.5	.034	.042	1	.045	.051	3	.069	.069
2	700	.5	.020	.030	1	.028	.035	3	.046	.053
2	800	.5	.010	.022	1	.015	.026	3	.029	.037
2	900	.5	.006	.018	1	.009	.019	3	.018	.028
2	1,000	.5	.004	.008	1	.005	.010	3	.012	.018
2	1,200	.5	0	.004	1	.001	.005	3	.004	.008

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
2	1,400	0.5	0	0.004	1	0.001	0.003	3	0.002	0.004
2	1,600	.5	0	.004	1	0	.003	3	0	.003
2	1,800	.5	0	.004	1	0	.003	3	0	.003
2	2,000	.5	0	.004	1	0	.004	3	0	.004
2	2,200	.5	0	.004	1	-.001	.003	3	0	.002
2	2,400	.5	0	.006	1	-.001	.005	3	0	.004
2	2,600	.5	-.002	.008	1	-.002	.005	3	-.001	.004
2	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.002
2	3,000	.5	-.004	.010	1	-.003	.007	3	-.001	.005
2	3,500	.5	-.006	.014	1	-.005	.010	3	-.003	.006
2	4,000	.5	-.006	.014	1	-.005	.009	3	-.003	.005
3	200	.5	.468	.212	1	.484	.215	3	.521	.222
3	300	.5	.262	.156	1	.280	.163	3	.330	.181
3	400	.5	.174	.120	1	.192	.129	3	.242	.152
3	500	.5	.104	.088	1	.120	.096	3	.164	.119
3	600	.5	.056	.056	1	.067	.064	3	.102	.087
3	700	.5	.034	.040	1	.043	.047	3	.071	.069
3	800	.5	.020	.030	1	.026	.033	3	.046	.050
3	900	.5	.012	.022	1	.016	.025	3	.031	.039
3	1,000	.5	.006	.012	1	.009	.015	3	.021	.027
3	1,200	.5	.002	.006	1	.003	.007	3	.008	.012
3	1,400	.5	0	.006	1	.001	.005	3	.003	.007
3	1,600	.5	0	.004	1	0	.003	3	.001	.004
3	1,800	.5	0	.004	1	0	.003	3	0	.003
3	2,000	.5	0	.006	1	0	.004	3	0	.005
3	2,200	.5	-.002	.004	1	-.001	.004	3	0	.003
3	2,400	.5	-.002	.006	1	-.001	.005	3	0	.005
3	2,600	.5	-.002	.006	1	-.001	.005	3	-.001	.005
3	2,800	.5	-.002	.006	1	-.002	.004	3	-.001	.003
3	3,000	.5	-.002	.008	1	-.001	.006	3	-.001	.005
3	3,500	.5	-.006	.014	1	-.005	.010	3	-.003	.007
3	4,000	.5	-.008	.014	1	-.005	.009	3	-.004	.006

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
4	200	0.5	0.512	0.218	1	0.525	0.219	3	0.562	0.224
4	300	.5	.310	.168	1	.326	.174	3	.378	.189
4	400	.5	.218	.134	1	.233	.142	3	.287	.164
4	500	.5	.140	.102	1	.153	.109	3	.204	.133
4	600	.5	.080	.070	1	.091	.077	3	.133	.101
4	700	.5	.052	.052	1	.060	.059	3	.095	.083
4	800	.5	.032	.038	1	.038	.042	3	.065	.062
4	900	.5	.020	.028	1	.024	.032	3	.044	.049
4	1,000	.5	.012	.018	1	.015	.021	3	.031	.036
4	1,200	.5	.004	.008	1	.005	.009	3	.013	.018
4	1,400	.5	.002	.006	1	.002	.006	3	.005	.009
4	1,600	.5	0	.004	1	0	.004	3	.002	.005
4	1,800	.5	0	.004	1	0	.003	3	.001	.004
4	2,000	.5	0	.006	1	0	.005	3	0	.006
4	2,200	.5	-.002	.006	1	-.001	.004	3	0	.004
4	2,400	.5	0	.006	1	0	.005	3	0	.006
4	2,600	.5	0	.006	1	-.001	.006	3	0	.006
4	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.003
4	3,000	.5	-.002	.010	1	-.002	.007	3	-.002	.007
4	3,500	.5	-.006	.014	1	-.005	.010	3	-.004	.009
4	4,000	.5	-.006	.012	1	-.005	.008	3	-.004	.007
5	200	.5	.546	.220	1	.557	.222	3	.591	.225
5	300	.5	.352	.178	1	.364	.181	3	.414	.194
5	400	.5	.256	.146	1	.270	.153	3	.323	.172
5	500	.5	.172	.116	1	.185	.121	3	.236	.142
5	600	.5	.104	.082	1	.115	.088	3	.160	.111
5	700	.5	.070	.064	1	.079	.070	3	.117	.094
5	800	.5	.044	.046	1	.051	.051	3	.082	.072
5	900	.5	.028	.036	1	.033	.039	3	.057	.058
5	1,000	.5	.018	.024	1	.022	.027	3	.041	.044
5	1,200	.5	.006	.012	1	.008	.013	3	.018	.023
5	1,400	.5	.002	.008	1	.003	.007	3	.008	.012

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
5	1,600	0.5	0	0.006	1	0.001	0.005	3	0.004	0.007
5	1,800	.5	0	.004	1	0	.003	3	.001	.005
5	2,000	.5	0	.006	1	0	.005	3	.001	.006
5	2,200	.5	0	.006	1	0	.004	3	0	.004
5	2,400	.5	0	.008	1	0	.005	3	0	.006
5	2,600	.5	0	.008	1	-0.001	.005	3	0	.006
5	2,800	.5	-0.002	.006	1	-0.002	.005	3	-0.002	.003
5	3,000	.5	-0.004	.010	1	-0.002	.008	3	-0.002	.007
5	3,500	.5	-0.006	.014	1	-0.004	.011	3	-0.003	.009
5	4,000	.5	-0.006	.014	1	-0.006	.010	3	-0.004	.007
6	200	.5	.576	.222	1	.583	.223	3	.612	.225
6	300	.5	.386	.184	1	.397	.187	3	.439	.197
6	400	.5	.290	.156	1	.303	.161	3	.349	.177
6	500	.5	.202	.126	1	.215	.130	3	.261	.148
6	600	.5	.128	.094	1	.139	.098	3	.181	.118
6	700	.5	.088	.074	1	.098	.080	3	.135	.101
6	800	.5	.058	.056	1	.066	.060	3	.097	.079
6	900	.5	.038	.044	1	.044	.047	3	.068	.065
6	1,000	.5	.024	.032	1	.029	.034	3	.049	.051
6	1,200	.5	.010	.016	1	.012	.016	3	.023	.027
6	1,400	.5	.004	.010	1	.005	.009	3	.011	.015
6	1,600	.5	0	.006	1	.002	.006	3	.005	.008
6	1,800	.5	0	.004	1	0	.004	3	.002	.005
6	2,000	.5	0	.006	1	0	.005	3	.001	.007
6	2,200	.5	0	.006	1	0	.005	3	0	.005
6	2,400	.5	0	.008	1	-0.001	.007	3	0	.007
6	2,600	.5	0	.008	1	-0.001	.007	3	0	.007
6	2,800	.5	-0.002	.006	1	-0.002	.004	3	-0.002	.003
6	3,000	.5	-0.002	.010	1	-0.002	.007	3	-0.002	.007
6	3,500	.5	-0.006	.012	1	-0.004	.010	3	-0.003	.009
6	4,000	.5	-0.006	.012	1	-0.005	.009	3	-0.004	.007
7	200	.5	.598	.224	1	.605	.224	3	.630	.224

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
7	300	0.5	0.416	0.190	1	0.425	0.191	3	0.463	0.199
7	400	.5	.320	.164	1	.332	.168	3	.373	.182
7	500	.5	.232	.134	1	.242	.138	3	.285	.154
7	600	.5	.152	.102	1	.162	.107	3	.202	.125
7	700	.5	.108	.084	1	.117	.089	3	.152	.109
7	800	.5	.074	.064	1	.081	.068	3	.111	.086
7	900	.5	.050	.052	1	.055	.054	3	.080	.071
7	1,000	.5	.034	.038	1	.038	.041	3	.059	.057
7	1,200	.5	.014	.020	1	.016	.021	3	.028	.032
7	1,400	.5	.006	.012	1	.007	.012	3	.014	.018
7	1,600	.5	.002	.008	1	.003	.007	3	.007	.010
7	1,800	.5	0	.006	1	.001	.005	3	.003	.006
7	2,000	.5	0	.006	1	.001	.007	3	.001	.007
7	2,200	.5	0	.006	1	-.001	.006	3	0	.005
7	2,400	.5	0	.008	1	-.001	.007	3	0	.007
7	2,600	.5	-.002	.008	1	-.001	.007	3	0	.007
7	2,800	.5	-.002	.006	1	-.002	.004	3	-.002	.004
7	3,000	.5	-.002	.010	1	-.002	.008	3	-.002	.008
7	3,500	.5	-.006	.014	1	-.004	.010	3	-.003	.010
7	4,000	.5	-.006	.014	1	-.005	.009	3	-.004	.007
8	200	.5	.618	.224	1	.624	.224	3	.645	.224
8	300	.5	.442	.194	1	.450	.195	3	.484	.201
8	400	.5	.348	.170	1	.358	.174	3	.395	.185
8	500	.5	.258	.142	1	.267	.145	3	.307	.159
8	600	.5	.174	.110	1	.184	.115	3	.221	.131
8	700	.5	.126	.092	1	.135	.097	3	.170	.115
8	800	.5	.090	.072	1	.096	.077	3	.126	.093
8	900	.5	.060	.058	1	.067	.062	3	.092	.078
8	1,000	.5	.042	.044	1	.047	.048	3	.068	.063
8	1,200	.5	.018	.024	1	.021	.025	3	.034	.037
8	1,400	.5	.008	.014	1	.009	.014	3	.017	.021
8	1,600	.5	.004	.010	1	.004	.009	3	.009	.012

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
8	1,800	0.5	0.002	0.006	1	0.001	0.005	3	0.004	0.007
8	2,000	.5	0	.008	1	.001	.007	3	.002	.008
8	2,200	.5	0	.006	1	0	.006	3	.001	.006
8	2,400	.5	0	.008	1	0	.006	3	0	.007
8	2,600	.5	0	.008	1	0	.007	3	0	.008
8	2,800	.5	-.002	.006	1	-.002	.005	3	-.002	.004
8	3,000	.5	-.002	.010	1	-.002	.009	3	-.001	.008
8	3,500	.5	-.006	.016	1	-.004	.011	3	-.003	.010
8	4,000	.5	-.006	.012	1	-.005	.009	3	-.004	.007
9	200	.5	.634	.224	1	.640	.224	3	.659	.223
9	300	.5	.464	.196	1	.472	.198	3	.503	.203
9	400	.5	.372	.176	1	.381	.179	3	.415	.189
9	500	.5	.282	.148	1	.291	.151	3	.327	.163
9	600	.5	.196	.118	1	.205	.122	3	.240	.136
9	700	.5	.146	.100	1	.153	.105	3	.187	.121
9	800	.5	.104	.080	1	.111	.084	3	.141	.099
9	900	.5	.072	.066	1	.079	.068	3	.104	.084
9	1,000	.5	.052	.050	1	.056	.054	3	.078	.070
9	1,200	.5	.024	.028	1	.026	.030	3	.040	.041
9	1,400	.5	.010	.016	1	.012	.017	3	.021	.025
9	1,600	.5	.006	.010	1	.006	.010	3	.011	.015
9	1,800	.5	.002	.006	1	.002	.006	3	.005	.009
9	2,000	.5	0	.008	1	.001	.007	3	.003	.009
9	2,200	.5	0	.006	1	0	.006	3	.001	.006
9	2,400	.5	0	.008	1	0	.007	3	0	.007
9	2,600	.5	0	.008	1	0	.008	3	0	.008
9	2,800	.5	-.002	.006	1	-.001	.004	3	-.001	.004
9	3,000	.5	-.002	.010	1	-.002	.008	3	-.001	.009
9	3,500	.5	-.006	.016	1	-.004	.011	3	-.003	.011
9	4,000	.5	-.006	.014	1	-.005	.010	3	-.004	.007
10	200	.5	.650	.224	1	.654	.224	3	.672	.223
10	300	.5	.486	.198	1	.492	.200	3	.520	.204

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
10	400	0.5	0.394	0.182	1	0.403	0.183	3	0.434	0.192
10	500	.5	.304	.154	1	.312	.156	3	.346	.167
10	600	.5	.216	.124	1	.225	.128	3	.258	.141
10	700	.5	.162	.108	1	.171	.111	3	.203	.127
10	800	.5	.120	.086	1	.126	.091	3	.155	.105
10	900	.5	.086	.072	1	.091	.075	3	.116	.090
10	1,000	.5	.062	.058	1	.066	.061	3	.088	.075
10	1,200	.5	.028	.032	1	.032	.034	3	.047	.046
10	1,400	.5	.014	.020	1	.015	.020	3	.025	.028
10	1,600	.5	.006	.012	1	.008	.012	3	.013	.017
10	1,800	.5	.002	.008	1	.003	.008	3	.006	.010
10	2,000	.5	0	.010	1	.002	.009	3	.003	.009
10	2,200	.5	0	.008	1	0	.007	3	.001	.007
10	2,400	.5	0	.008	1	0	.008	3	0	.008
10	2,600	.5	0	.008	1	0	.008	3	0	.008
10	2,800	.5	-.004	.008	1	-.002	.005	3	-.002	.004
10	3,000	.5	-.004	.012	1	-.002	.009	3	-.001	.009
10	3,500	.5	-.006	.014	1	-.004	.012	3	-.003	.011
10	4,000	.5	-.006	.014	1	-.005	.009	3	-.004	.008
20	200	.5	.740	.218	1	.742	.218	3	.750	.215
20	300	.5	.616	.208	1	.619	.209	3	.633	.209
20	400	.5	.540	.206	1	.544	.207	3	.561	.209
20	500	.5	.460	.184	1	.465	.185	3	.484	.188
20	600	.5	.370	.164	1	.376	.166	3	.397	.171
20	700	.5	.306	.154	1	.312	.156	3	.334	.164
20	800	.5	.252	.136	1	.258	.137	3	.279	.145
20	900	.5	.202	.122	1	.206	.124	3	.227	.132
20	1,000	.5	.162	.108	1	.166	.110	3	.186	.119
20	1,200	.5	.100	.076	1	.104	.078	3	.120	.087
20	1,400	.5	.060	.054	1	.064	.056	3	.077	.064
20	1,600	.5	.036	.036	1	.038	.037	3	.048	.044
20	1,800	.5	.020	.026	1	.022	.026	3	.029	.032

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
20	2,000	0.5	0.012	0.018	1	0.012	0.018	3	0.017	0.021
20	2,200	.5	.006	.016	1	.007	.014	3	.011	.016
20	2,400	.5	.002	.010	1	.003	.010	3	.005	.012
20	2,600	.5	.002	.012	1	.002	.011	3	.003	.012
20	2,800	.5	-.002	.008	1	-.001	.006	3	0	.006
20	3,000	.5	-.002	.014	1	-.001	.012	3	0	.012
20	3,500	.5	-.004	.018	1	-.003	.014	3	-.002	.015
20	4,000	.5	-.004	.016	1	-.004	.012	3	-.003	.009
30	200	.5	.784	.212	1	.787	.211	3	.792	.207
30	300	.5	.684	.210	1	.687	.210	3	.696	.208
30	400	.5	.620	.216	1	.622	.215	3	.633	.215
30	500	.5	.552	.196	1	.555	.195	3	.568	.196
30	600	.5	.470	.184	1	.473	.184	3	.488	.186
30	700	.5	.406	.178	1	.409	.180	3	.425	.184
30	800	.5	.350	.162	1	.355	.163	3	.371	.167
30	900	.5	.294	.152	1	.299	.152	3	.316	.157
30	1,000	.5	.248	.140	1	.252	.141	3	.269	.146
30	1,200	.5	.174	.110	1	.178	.110	3	.193	.117
30	1,400	.5	.120	.086	1	.124	.088	3	.137	.095
30	1,600	.5	.080	.064	1	.083	.065	3	.094	.072
30	1,800	.5	.052	.052	1	.055	.052	3	.063	.059
30	2,000	.5	.032	.034	1	.033	.034	3	.040	.038
30	2,200	.5	.022	.026	1	.024	.027	3	.029	.030
30	2,400	.5	.012	.018	1	.012	.017	3	.016	.019
30	2,600	.5	.006	.016	1	.008	.015	3	.011	.017
30	2,800	.5	.002	.012	1	.003	.010	3	.006	.010
30	3,000	.5	0	.018	1	.001	.015	3	.003	.015
30	3,500	.5	-.002	.020	1	-.002	.019	3	0	.018
30	4,000	.5	-.004	.016	1	-.003	.013	3	-.002	.012
32	200	.5	.792	.210	1	.793	.209	3	.798	.206
32	300	.5	.694	.210	1	.697	.209	3	.705	.208
32	400	.5	.632	.216	1	.634	.216	3	.644	.215



**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
32	500	0.5	0.566	0.198	1	0.568	0.197	3	0.581	0.197
32	600	.5	.486	.186	1	.488	.186	3	.503	.188
32	700	.5	.422	.182	1	.425	.183	3	.440	.187
32	800	.5	.366	.166	1	.371	.167	3	.387	.170
32	900	.5	.312	.156	1	.315	.156	3	.331	.161
32	1,000	.5	.264	.144	1	.268	.145	3	.284	.151
32	1,200	.5	.188	.114	1	.192	.116	3	.207	.122
32	1,400	.5	.132	.092	1	.136	.094	3	.149	.100
32	1,600	.5	.090	.070	1	.092	.070	3	.104	.077
32	1,800	.5	.060	.058	1	.062	.057	3	.071	.064
32	2,000	.5	.038	.036	1	.039	.037	3	.045	.041
32	2,200	.5	.026	.030	1	.028	.030	3	.033	.033
32	2,400	.5	.012	.020	1	.014	.018	3	.018	.021
32	2,600	.5	.008	.016	1	.010	.016	3	.013	.018
32	2,800	.5	.004	.012	1	.005	.010	3	.008	.011
32	3,000	.5	.002	.018	1	.002	.016	3	.004	.016
32	3,500	.5	-.002	.020	1	-.001	.019	3	0	.019
32	4,000	.5	-.004	.016	1	-.003	.014	3	-.002	.013
40	200	.5	.814	.206	1	.815	.204	3	.819	.200
40	300	.5	.730	.208	1	.731	.208	3	.737	.206
40	400	.5	.672	.218	1	.674	.218	3	.681	.217
40	500	.5	.614	.200	1	.615	.200	3	.625	.200
40	600	.5	.538	.194	1	.541	.193	3	.552	.194
40	700	.5	.476	.194	1	.479	.194	3	.491	.196
40	800	.5	.424	.178	1	.428	.178	3	.442	.180
40	900	.5	.370	.170	1	.373	.170	3	.387	.173
40	1,000	.5	.320	.160	1	.323	.161	3	.337	.164
40	1,200	.5	.242	.134	1	.245	.134	3	.259	.139
40	1,400	.5	.180	.112	1	.183	.114	3	.196	.119
40	1,600	.5	.130	.088	1	.132	.089	3	.143	.095
40	1,800	.5	.092	.078	1	.094	.078	3	.104	.083
40	2,000	.5	.060	.050	1	.061	.051	3	.069	.055

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
40	2,200	0.5	0.044	0.042	1	0.047	0.042	3	0.053	0.046
40	2,400	.5	.026	.024	1	.027	.025	3	.032	.028
40	2,600	.5	.018	.022	1	.020	.022	3	.024	.024
40	2,800	.5	.012	.016	1	.013	.015	3	.016	.017
40	3,000	.5	.006	.018	1	.006	.019	3	.009	.019
40	3,500	.5	0	.022	1	.001	.021	3	.002	.021
40	4,000	.5	-.004	.018	1	-.002	.016	3	-.001	.015
50	200	.5	.834	.198	1	.835	.197	3	.838	.193
50	300	.5	.760	.206	1	.762	.205	3	.767	.202
50	400	.5	.708	.218	1	.710	.218	3	.716	.217
50	500	.5	.658	.202	1	.660	.202	3	.668	.200
50	600	.5	.590	.198	1	.592	.198	3	.601	.198
50	700	.5	.530	.202	1	.533	.203	3	.543	.204
50	800	.5	.484	.186	1	.486	.187	3	.497	.188
50	900	.5	.430	.182	1	.433	.182	3	.444	.183
50	1,000	.5	.380	.174	1	.383	.175	3	.394	.177
50	1,200	.5	.302	.152	1	.305	.152	3	.317	.155
50	1,400	.5	.236	.132	1	.238	.133	3	.250	.137
50	1,600	.5	.176	.108	1	.179	.110	3	.190	.114
50	1,800	.5	.134	.100	1	.137	.100	3	.147	.105
50	2,000	.5	.090	.068	1	.093	.068	3	.101	.071
50	2,200	.5	.072	.058	1	.074	.057	3	.081	.060
50	2,400	.5	.046	.034	1	.047	.034	3	.052	.038
50	2,600	.5	.034	.030	1	.036	.030	3	.040	.033
50	2,800	.5	.022	.024	1	.025	.023	3	.030	.026
50	3,000	.5	.014	.026	1	.015	.023	3	.018	.025
50	3,500	.5	.002	.026	1	.004	.025	3	.006	.025
50	4,000	.5	-.002	.020	1	0	.018	3	.001	.018
60	200	.5	.850	.192	1	.851	.191	3	.853	.187
60	300	.5	.784	.202	1	.786	.201	3	.789	.198
60	400	.5	.738	.218	1	.738	.217	3	.743	.215
60	500	.5	.694	.202	1	.695	.201	3	.701	.200

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
60	600	0.5	0.632	0.200	1	0.633	0.200	3	0.640	0.199
60	700	.5	.574	.208	1	.577	.208	3	.584	.208
60	800	.5	.530	.192	1	.533	.193	3	.542	.193
60	900	.5	.480	.190	1	.482	.190	3	.492	.191
60	1,000	.5	.430	.184	1	.433	.185	3	.442	.186
60	1,200	.5	.354	.166	1	.357	.166	3	.367	.168
60	1,400	.5	.286	.148	1	.289	.149	3	.299	.152
60	1,600	.5	.222	.126	1	.225	.126	3	.236	.129
60	1,800	.5	.176	.118	1	.179	.119	3	.189	.122
60	2,000	.5	.124	.082	1	.127	.082	3	.135	.085
60	2,200	.5	.102	.070	1	.103	.071	3	.111	.074
60	2,400	.5	.068	.044	1	.069	.044	3	.075	.047
60	2,600	.5	.052	.040	1	.054	.039	3	.060	.043
60	2,800	.5	.040	.032	1	.041	.032	3	.046	.035
60	3,000	.5	.024	.030	1	.025	.030	3	.030	.032
60	3,500	.5	.006	.030	1	.008	.029	3	.011	.030
60	4,000	.5	0	.024	1	.002	.022	3	.004	.022
70	200	.5	.862	.188	1	.863	.186	3	.865	.181
70	300	.5	.804	.198	1	.805	.197	3	.808	.194
70	400	.5	.760	.216	1	.761	.215	3	.764	.213
70	500	.5	.722	.200	1	.723	.200	3	.727	.198
70	600	.5	.664	.202	1	.666	.200	3	.671	.199
70	700	.5	.610	.212	1	.612	.211	3	.618	.210
70	800	.5	.570	.196	1	.572	.196	3	.580	.196
70	900	.5	.522	.196	1	.524	.195	3	.532	.195
70	1,000	.5	.474	.192	1	.475	.192	3	.483	.193
70	1,200	.5	.400	.176	1	.402	.176	3	.411	.178
70	1,400	.5	.332	.160	1	.334	.161	3	.343	.163
70	1,600	.5	.266	.140	1	.268	.139	3	.278	.142
70	1,800	.5	.218	.134	1	.220	.134	3	.229	.137
70	2,000	.5	.158	.096	1	.160	.095	3	.168	.098
70	2,200	.5	.132	.084	1	.134	.083	3	.141	.086

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
70	2,400	0.5	0.092	0.056	1	0.094	0.054	3	0.100	0.057
70	2,600	.5	.074	.050	1	.075	.049	3	.081	.052
70	2,800	.5	.056	.042	1	.058	.042	3	.064	.045
70	3,000	.5	.036	.038	1	.039	.037	3	.043	.040
70	3,500	.5	.012	.036	1	.015	.034	3	.018	.036
70	4,000	.5	.004	.026	1	.006	.025	3	.007	.026
80	200	.5	.874	.182	1	.874	.181	3	.875	.176
80	300	.5	.820	.194	1	.821	.193	3	.823	.190
80	400	.5	.778	.214	1	.780	.212	3	.782	.210
80	500	.5	.744	.198	1	.746	.198	3	.749	.196
80	600	.5	.692	.200	1	.693	.199	3	.697	.198
80	700	.5	.640	.212	1	.642	.212	3	.647	.211
80	800	.5	.604	.198	1	.606	.198	3	.612	.198
80	900	.5	.558	.200	1	.560	.199	3	.567	.199
80	1,000	.5	.510	.198	1	.512	.198	3	.519	.198
80	1,200	.5	.440	.184	1	.442	.185	3	.449	.185
80	1,400	.5	.372	.170	1	.375	.170	3	.383	.171
80	1,600	.5	.306	.148	1	.308	.149	3	.317	.151
80	1,800	.5	.256	.146	1	.258	.146	3	.268	.148
80	2,000	.5	.192	.106	1	.193	.107	3	.201	.108
80	2,200	.5	.162	.094	1	.163	.094	3	.171	.097
80	2,400	.5	.118	.062	1	.118	.063	3	.125	.065
80	2,600	.5	.094	.058	1	.097	.058	3	.103	.061
80	2,800	.5	.074	.052	1	.077	.052	3	.084	.055
80	3,000	.5	.052	.046	1	.054	.045	3	.058	.048
80	3,500	.5	.022	.040	1	.023	.040	3	.026	.042
80	4,000	.5	.008	.030	1	.009	.029	3	.011	.030
90	200	.5	.882	.178	1	.883	.176	3	.884	.171
90	300	.5	.834	.190	1	.834	.190	3	.835	.186
90	400	.5	.794	.210	1	.795	.209	3	.797	.207
90	500	.5	.764	.196	1	.765	.195	3	.767	.193
90	600	.5	.716	.198	1	.716	.198	3	.719	.196

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
90	700	0.5	0.666	0.212	1	0.668	0.212	3	0.671	0.211
90	800	.5	.632	.200	1	.635	.199	3	.640	.198
90	900	.5	.590	.202	1	.591	.201	3	.597	.201
90	1,000	.5	.542	.202	1	.544	.201	3	.550	.201
90	1,200	.5	.476	.190	1	.477	.191	3	.483	.191
90	1,400	.5	.410	.178	1	.412	.178	3	.419	.178
90	1,600	.5	.344	.158	1	.345	.158	3	.353	.159
90	1,800	.5	.294	.154	1	.295	.156	3	.304	.158
90	2,000	.5	.224	.116	1	.225	.117	3	.232	.118
90	2,200	.5	.192	.104	1	.194	.104	3	.202	.106
90	2,400	.5	.142	.072	1	.144	.071	3	.150	.073
90	2,600	.5	.118	.066	1	.119	.067	3	.126	.070
90	2,800	.5	.096	.062	1	.098	.062	3	.104	.065
90	3,000	.5	.068	.054	1	.069	.055	3	.074	.056
90	3,500	.5	.030	.048	1	.032	.047	3	.035	.049
90	4,000	.5	.012	.036	1	.014	.035	3	.017	.035
100	200	.5	.890	.174	1	.890	.171	3	.891	.166
100	300	.5	.844	.186	1	.845	.186	3	.846	.182
100	400	.5	.808	.208	1	.809	.206	3	.809	.203
100	500	.5	.782	.194	1	.782	.193	3	.783	.191
100	600	.5	.736	.196	1	.737	.196	3	.739	.194
100	700	.5	.688	.212	1	.690	.211	3	.692	.210
100	800	.5	.658	.200	1	.660	.199	3	.663	.198
100	900	.5	.618	.202	1	.619	.203	3	.623	.202
100	1,000	.5	.572	.204	1	.573	.205	3	.577	.204
100	1,200	.5	.508	.196	1	.509	.196	3	.514	.195
100	1,400	.5	.444	.184	1	.445	.183	3	.451	.183
100	1,600	.5	.378	.164	1	.379	.165	3	.386	.166
100	1,800	.5	.328	.164	1	.329	.164	3	.337	.166
100	2,000	.5	.254	.126	1	.256	.126	3	.263	.126
100	2,200	.5	.222	.114	1	.223	.113	3	.230	.115
100	2,400	.5	.168	.080	1	.170	.079	3	.175	.081

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
100	2,600	0.5	0.142	0.076	1	0.142	0.076	3	0.148	0.078
100	2,800	.5	.118	.070	1	.118	.071	3	.124	.074
100	3,000	.5	.084	.062	1	.086	.062	3	.091	.065
100	3,500	.5	.040	.054	1	.041	.054	3	.045	.056
100	4,000	.5	.018	.042	1	.020	.040	3	.023	.041
120	200	.5	.902	.164	1	.902	.163	3	.903	.157
120	300	.5	.864	.180	1	.864	.178	3	.863	.174
120	400	.5	.830	.200	1	.831	.199	3	.830	.196
120	500	.5	.808	.188	1	.809	.187	3	.809	.185
120	600	.5	.768	.192	1	.770	.191	3	.770	.189
120	700	.5	.726	.210	1	.726	.209	3	.727	.207
120	800	.5	.700	.198	1	.702	.197	3	.703	.196
120	900	.5	.664	.204	1	.664	.204	3	.666	.203
120	1,000	.5	.620	.208	1	.621	.208	3	.623	.207
120	1,200	.5	.562	.202	1	.563	.202	3	.565	.201
120	1,400	.5	.502	.190	1	.504	.191	3	.508	.191
120	1,600	.5	.438	.174	1	.440	.175	3	.445	.175
120	1,800	.5	.390	.176	1	.392	.176	3	.398	.177
120	2,000	.5	.312	.140	1	.314	.140	3	.319	.141
120	2,200	.5	.278	.128	1	.280	.130	3	.285	.130
120	2,400	.5	.218	.094	1	.219	.094	3	.224	.095
120	2,600	.5	.186	.092	1	.187	.093	3	.193	.095
120	2,800	.5	.156	.088	1	.159	.089	3	.164	.092
120	3,000	.5	.118	.078	1	.120	.079	3	.125	.081
120	3,500	.5	.060	.070	1	.064	.069	3	.067	.071
120	4,000	.5	.032	.052	1	.034	.051	3	.037	.053
128	200	.5	.906	.162	1	.907	.160	3	.907	.153
128	300	.5	.870	.176	1	.870	.175	3	.869	.171
128	400	.5	.838	.198	1	.838	.197	3	.837	.194
128	500	.5	.818	.186	1	.818	.185	3	.817	.183
128	600	.5	.780	.190	1	.781	.189	3	.780	.187
128	700	.5	.738	.208	1	.739	.208	3	.739	.206

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
128	800	0.5	0.716	0.196	1	0.716	0.196	3	0.716	0.195
128	900	.5	.678	.204	1	.680	.204	3	.681	.203
128	1,000	.5	.636	.210	1	.638	.209	3	.638	.208
128	1,200	.5	.582	.204	1	.582	.204	3	.583	.203
128	1,400	.5	.524	.194	1	.525	.193	3	.527	.193
128	1,600	.5	.460	.178	1	.462	.178	3	.466	.178
128	1,800	.5	.414	.180	1	.415	.179	3	.420	.180
128	2,000	.5	.334	.146	1	.335	.145	3	.340	.145
128	2,200	.5	.298	.134	1	.301	.135	3	.306	.135
128	2,400	.5	.236	.100	1	.238	.100	3	.243	.101
128	2,600	.5	.204	.098	1	.205	.099	3	.211	.101
128	2,800	.5	.174	.096	1	.175	.096	3	.180	.098
128	3,000	.5	.134	.086	1	.134	.085	3	.139	.088
128	3,500	.5	.070	.074	1	.073	.074	3	.077	.077
128	4,000	.5	.040	.058	1	.040	.056	3	.044	.058
130	200	0	.506	.166	0	.491	.166	0	.450	.169
130	300	0	.678	.162	0	.660	.162	0	.605	.166
130	400	0	.724	.178	0	.707	.178	0	.654	.179
130	500	0	.760	.172	0	.746	.170	0	.702	.167
130	600	0	.756	.180	0	.747	.178	0	.715	.172
130	700	0	.726	.202	0	.721	.200	0	.698	.193
130	800	0	.710	.192	0	.708	.190	0	.693	.183
130	900	0	.678	.202	0	.678	.200	0	.668	.194
130	1,000	0	.640	.208	0	.639	.207	0	.633	.202
130	1,200	0	.586	.204	0	.586	.204	0	.586	.200
130	1,400	0	.528	.194	0	.530	.193	0	.534	.192
130	1,600	0	.466	.178	0	.468	.178	0	.475	.178
130	1,800	0	.418	.180	0	.421	.180	0	.429	.181
130	2,000	0	.340	.148	0	.341	.147	0	.348	.147
130	2,200	0	.304	.134	0	.307	.136	0	.315	.138
130	2,400	0	.240	.102	0	.243	.102	0	.251	.104
130	2,600	0	.208	.100	0	.210	.101	0	.218	.104

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
130	2,800	0	0.176	0.100	0	0.179	0.099	0	0.187	0.103
130	3,000	0	.134	.090	0	.137	.088	0	.144	.091
130	3,500	0	.068	.078	0	.072	.077	0	.078	.080
130	4,000	0	.038	.060	0	.040	.060	0	.044	.062
132	200	0	.398	.158	0	.391	.158	0	.351	.158
132	300	0	.568	.156	0	.556	.155	0	.498	.157
132	400	0	.630	.166	0	.618	.167	0	.556	.167
132	500	0	.690	.162	0	.678	.160	0	.620	.159
132	600	0	.710	.170	0	.703	.168	0	.655	.163
132	700	0	.698	.192	0	.691	.190	0	.652	.182
132	800	0	.694	.184	0	.690	.182	0	.661	.173
132	900	0	.672	.196	0	.668	.194	0	.647	.185
132	1,000	0	.636	.204	0	.635	.203	0	.619	.194
132	1,200	0	.588	.202	0	.588	.202	0	.583	.196
132	1,400	0	.532	.194	0	.534	.193	0	.536	.190
132	1,600	0	.470	.178	0	.473	.179	0	.479	.178
132	1,800	0	.424	.182	0	.426	.181	0	.435	.182
132	2,000	0	.344	.148	0	.346	.147	0	.354	.149
132	2,200	0	.310	.138	0	.312	.137	0	.321	.139
132	2,400	0	.246	.102	0	.248	.103	0	.257	.106
132	2,600	0	.212	.102	0	.214	.102	0	.224	.106
132	2,800	0	.180	.102	0	.183	.102	0	.192	.106
132	3,000	0	.138	.088	0	.141	.090	0	.148	.093
132	3,500	0	.072	.078	0	.075	.078	0	.080	.081
132	4,000	0	.038	.062	0	.040	.061	0	.045	.064
134	200	0	.338	.150	0	.332	.150	0	.302	.148
134	300	0	.492	.148	0	.485	.148	0	.438	.149
134	400	0	.558	.156	0	.548	.156	0	.497	.157
134	500	0	.626	.154	0	.618	.153	0	.566	.152
134	600	0	.664	.160	0	.657	.159	0	.610	.155
134	700	0	.662	.182	0	.656	.181	0	.615	.174
134	800	0	.670	.176	0	.666	.174	0	.632	.165



**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
134	900	0	0.656	0.188	0	0.652	0.187	0	0.626	0.178
134	1,000	0	.626	.198	0	.624	.197	0	.604	.188
134	1,200	0	.586	.200	0	.586	.199	0	.577	.191
134	1,400	0	.534	.192	0	.536	.191	0	.536	.187
134	1,600	0	.474	.180	0	.477	.178	0	.482	.176
134	1,800	0	.428	.182	0	.431	.181	0	.440	.181
134	2,000	0	.348	.148	0	.351	.148	0	.359	.149
134	2,200	0	.316	.138	0	.317	.139	0	.326	.140
134	2,400	0	.250	.104	0	.252	.104	0	.262	.107
134	2,600	0	.216	.102	0	.218	.103	0	.228	.108
134	2,800	0	.184	.104	0	.187	.102	0	.196	.108
134	3,000	0	.142	.090	0	.144	.091	0	.151	.095
134	3,500	0	.076	.080	0	.077	.079	0	.083	.083
134	4,000	0	.040	.062	0	.042	.062	0	.047	.065
136	200	0	.294	.144	0	.291	.143	0	.269	.141
136	300	0	.438	.142	0	.431	.142	0	.396	.141
136	400	0	.500	.148	0	.494	.148	0	.453	.148
136	500	0	.574	.146	0	.566	.146	0	.523	.146
136	600	0	.620	.152	0	.614	.152	0	.572	.149
136	700	0	.626	.174	0	.621	.173	0	.583	.167
136	800	0	.642	.166	0	.638	.166	0	.606	.159
136	900	0	.636	.180	0	.633	.179	0	.606	.171
136	1,000	0	.612	.192	0	.610	.190	0	.588	.182
136	1,200	0	.582	.196	0	.581	.194	0	.570	.187
136	1,400	0	.536	.190	0	.537	.189	0	.534	.183
136	1,600	0	.478	.178	0	.480	.177	0	.483	.175
136	1,800	0	.434	.182	0	.435	.181	0	.443	.180
136	2,000	0	.352	.150	0	.355	.149	0	.363	.149
136	2,200	0	.320	.140	0	.322	.140	0	.330	.141
136	2,400	0	.254	.106	0	.256	.106	0	.266	.108
136	2,600	0	.220	.104	0	.222	.105	0	.232	.109
136	2,800	0	.188	.104	0	.191	.104	0	.200	.109

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
136	3,000	0	0.144	0.092	0	0.147	0.092	0	0.154	0.096
136	3,500	0	.078	.082	0	.080	.080	0	.085	.084
136	4,000	0	.042	.064	0	.044	.063	0	.048	.066
138	200	0	.264	.136	0	.261	.136	0	.244	.134
138	300	0	.394	.136	0	.390	.136	0	.361	.135
138	400	0	.456	.142	0	.450	.141	0	.416	.141
138	500	0	.528	.140	0	.523	.141	0	.485	.140
138	600	0	.580	.146	0	.575	.145	0	.538	.143
138	700	0	.594	.166	0	.588	.165	0	.554	.160
138	800	0	.614	.160	0	.611	.158	0	.580	.152
138	900	0	.614	.174	0	.612	.172	0	.585	.165
138	1,000	0	.598	.186	0	.595	.184	0	.572	.176
138	1,200	0	.576	.190	0	.574	.189	0	.561	.182
138	1,400	0	.534	.186	0	.535	.185	0	.530	.179
138	1,600	0	.480	.176	0	.482	.176	0	.483	.172
138	1,800	0	.438	.180	0	.439	.180	0	.445	.179
138	2,000	0	.356	.150	0	.360	.150	0	.366	.150
138	2,200	0	.324	.140	0	.326	.140	0	.334	.141
138	2,400	0	.260	.106	0	.262	.106	0	.271	.109
138	2,600	0	.224	.106	0	.226	.106	0	.236	.110
138	2,800	0	.194	.104	0	.194	.105	0	.204	.110
138	3,000	0	.148	.094	0	.150	.093	0	.158	.097
138	3,500	0	.080	.082	0	.081	.081	0	.087	.085
138	4,000	0	.044	.066	0	.046	.064	0	.050	.067
140	200	0	.240	.132	0	.237	.131	0	.223	.129
140	300	0	.360	.130	0	.356	.130	0	.333	.129
140	400	0	.418	.136	0	.413	.135	0	.385	.134
140	500	0	.490	.136	0	.485	.135	0	.453	.135
140	600	0	.546	.140	0	.540	.139	0	.507	.137
140	700	0	.562	.158	0	.557	.158	0	.526	.154
140	800	0	.588	.152	0	.584	.152	0	.555	.147
140	900	0	.594	.168	0	.590	.166	0	.565	.160

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
140	1,000	0	0.580	0.178	0	0.578	0.177	0	0.555	0.171
140	1,200	0	.568	.186	0	.566	.184	0	.551	.176
140	1,400	0	.532	.182	0	.532	.181	0	.526	.175
140	1,600	0	.480	.174	0	.482	.173	0	.482	.170
140	1,800	0	.440	.180	0	.442	.179	0	.447	.177
140	2,000	0	.362	.150	0	.364	.150	0	.369	.149
140	2,200	0	.328	.140	0	.331	.141	0	.338	.141
140	2,400	0	.264	.106	0	.266	.107	0	.274	.110
140	2,600	0	.228	.106	0	.231	.107	0	.240	.111
140	2,800	0	.196	.106	0	.198	.106	0	.207	.112
140	3,000	0	.152	.094	0	.153	.094	0	.161	.099
140	3,500	0	.082	.082	0	.083	.082	0	.090	.086
140	4,000	0	.044	.066	0	.048	.065	0	.051	.068
150	200	0	.166	.110	0	.166	.110	0	.160	.110
150	300	0	.254	.112	0	.252	.111	0	.240	.110
150	400	0	.298	.114	0	.296	.113	0	.282	.113
150	500	0	.360	.116	0	.358	.116	0	.340	.115
150	600	0	.416	.118	0	.412	.117	0	.393	.117
150	700	0	.440	.132	0	.438	.131	0	.418	.129
150	800	0	.476	.128	0	.474	.128	0	.454	.126
150	900	0	.496	.142	0	.494	.141	0	.474	.138
150	1,000	0	.498	.152	0	.496	.152	0	.477	.148
150	1,200	0	.514	.160	0	.512	.159	0	.496	.153
150	1,400	0	.502	.160	0	.502	.159	0	.491	.153
150	1,600	0	.472	.158	0	.471	.158	0	.467	.153
150	1,800	0	.444	.168	0	.445	.166	0	.445	.162
150	2,000	0	.374	.146	0	.375	.146	0	.376	.144
150	2,200	0	.344	.138	0	.346	.139	0	.349	.138
150	2,400	0	.282	.110	0	.284	.110	0	.290	.111
150	2,600	0	.246	.112	0	.248	.111	0	.256	.115
150	2,800	0	.212	.112	0	.215	.113	0	.223	.117
150	3,000	0	.168	.102	0	.170	.101	0	.177	.104

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRf, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf	Flood pulse (m)	GWRf	STD of GWRf
150	3,500	0	0.092	0.088	0	0.095	0.087	0	0.101	0.091
150	4,000	0	.054	.072	0	.055	.069	0	.060	.072
160	200	0	.130	.098	0	.129	.097	0	.126	.098
160	300	0	.196	.098	0	.195	.098	0	.189	.098
160	400	0	.232	.102	0	.231	.101	0	.222	.101
160	500	0	.284	.102	0	.283	.103	0	.271	.102
160	600	0	.334	.104	0	.332	.105	0	.319	.105
160	700	0	.360	.114	0	.359	.114	0	.345	.114
160	800	0	.396	.114	0	.395	.113	0	.380	.112
160	900	0	.422	.124	0	.419	.124	0	.404	.122
160	1,000	0	.430	.134	0	.428	.134	0	.413	.132
160	1,200	0	.456	.140	0	.456	.138	0	.441	.134
160	1,400	0	.462	.140	0	.461	.139	0	.451	.134
160	1,600	0	.446	.142	0	.448	.141	0	.440	.137
160	1,800	0	.432	.150	0	.433	.149	0	.430	.144
160	2,000	0	.374	.140	0	.375	.139	0	.374	.136
160	2,200	0	.350	.134	0	.351	.133	0	.352	.131
160	2,400	0	.294	.110	0	.295	.111	0	.299	.111
160	2,600	0	.258	.114	0	.261	.114	0	.267	.116
160	2,800	0	.228	.118	0	.230	.116	0	.235	.120
160	3,000	0	.182	.104	0	.184	.105	0	.190	.108
160	3,500	0	.104	.092	0	.106	.091	0	.112	.095
160	4,000	0	.060	.074	0	.063	.073	0	.068	.076
180	200	0	.090	.080	0	.089	.080	0	.088	.081
180	300	0	.134	.084	0	.134	.083	0	.131	.083
180	400	0	.160	.088	0	.160	.087	0	.155	.087
180	500	0	.198	.088	0	.197	.087	0	.191	.087
180	600	0	.236	.090	0	.236	.090	0	.229	.090
180	700	0	.262	.096	0	.260	.096	0	.252	.096
180	800	0	.292	.096	0	.291	.095	0	.283	.095
180	900	0	.316	.102	0	.316	.102	0	.306	.101
180	1,000	0	.330	.110	0	.329	.110	0	.319	.108

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
180	1,200	0	0.364	0.110	0	0.363	0.110	0	0.353	0.108
180	1,400	0	.384	.112	0	.384	.111	0	.375	.109
180	1,600	0	.392	.114	0	.391	.114	0	.383	.111
180	1,800	0	.392	.120	0	.391	.119	0	.386	.115
180	2,000	0	.354	.122	0	.355	.121	0	.351	.118
180	2,200	0	.342	.120	0	.343	.119	0	.339	.116
180	2,400	0	.298	.108	0	.300	.107	0	.299	.105
180	2,600	0	.270	.112	0	.271	.112	0	.273	.112
180	2,800	0	.242	.118	0	.243	.117	0	.245	.118
180	3,000	0	.202	.110	0	.203	.108	0	.207	.110
180	3,500	0	.122	.098	0	.125	.098	0	.130	.100
180	4,000	0	.078	.082	0	.080	.080	0	.084	.083
200	200	0	.068	.068	0	.068	.069	0	.067	.070
200	300	0	.102	.072	0	.101	.073	0	.099	.073
200	400	0	.120	.078	0	.121	.078	0	.118	.079
200	500	0	.148	.078	0	.148	.078	0	.145	.077
200	600	0	.180	.080	0	.180	.080	0	.175	.080
200	700	0	.200	.086	0	.201	.085	0	.196	.085
200	800	0	.228	.084	0	.226	.084	0	.221	.083
200	900	0	.248	.088	0	.248	.088	0	.241	.087
200	1,000	0	.264	.094	0	.263	.094	0	.256	.093
200	1,200	0	.296	.094	0	.295	.093	0	.287	.092
200	1,400	0	.320	.096	0	.320	.095	0	.313	.094
200	1,600	0	.338	.098	0	.337	.097	0	.330	.095
200	1,800	0	.346	.100	0	.345	.099	0	.339	.096
200	2,000	0	.326	.106	0	.326	.106	0	.320	.102
200	2,200	0	.320	.106	0	.321	.105	0	.316	.101
200	2,400	0	.288	.098	0	.290	.100	0	.287	.096
200	2,600	0	.266	.106	0	.266	.105	0	.266	.104
200	2,800	0	.240	.110	0	.242	.110	0	.242	.111
200	3,000	0	.208	.106	0	.210	.105	0	.212	.106
200	3,500	0	.136	.100	0	.139	.099	0	.142	.100

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
200	4,000	0	0.092	0.086	0	0.094	0.085	0	0.098	0.088
220	200	0	.054	.060	0	.054	.061	0	.054	.062
220	300	0	.080	.066	0	.080	.065	0	.079	.066
220	400	0	.096	.072	0	.096	.071	0	.094	.072
220	500	0	.116	.070	0	.117	.070	0	.114	.070
220	600	0	.144	.072	0	.143	.072	0	.140	.072
220	700	0	.162	.078	0	.161	.077	0	.157	.077
220	800	0	.182	.076	0	.182	.076	0	.178	.075
220	900	0	.202	.078	0	.201	.078	0	.196	.077
220	1,000	0	.216	.084	0	.215	.083	0	.210	.082
220	1,200	0	.244	.084	0	.244	.083	0	.238	.082
220	1,400	0	.270	.086	0	.270	.085	0	.264	.084
220	1,600	0	.292	.086	0	.292	.085	0	.286	.084
220	1,800	0	.302	.088	0	.303	.087	0	.297	.084
220	2,000	0	.294	.094	0	.295	.093	0	.289	.089
220	2,200	0	.296	.092	0	.295	.092	0	.289	.088
220	2,400	0	.274	.094	0	.274	.092	0	.270	.087
220	2,600	0	.254	.098	0	.255	.097	0	.253	.095
220	2,800	0	.232	.104	0	.233	.103	0	.233	.103
220	3,000	0	.208	.100	0	.208	.100	0	.210	.100
220	3,500	0	.146	.098	0	.146	.096	0	.149	.098
220	4,000	0	.102	.090	0	.106	.088	0	.108	.090
250	200	0	.040	.052	0	.041	.051	0	.041	.052
250	300	0	.060	.056	0	.060	.056	0	.059	.056
250	400	0	.072	.062	0	.072	.062	0	.071	.063
250	500	0	.086	.060	0	.086	.060	0	.085	.060
250	600	0	.106	.064	0	.106	.063	0	.104	.062
250	700	0	.122	.068	0	.121	.068	0	.119	.068
250	800	0	.136	.066	0	.137	.066	0	.134	.066
250	900	0	.152	.068	0	.151	.068	0	.148	.067
250	1,000	0	.164	.072	0	.165	.071	0	.161	.071
250	1,200	0	.188	.072	0	.188	.072	0	.185	.072

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
250	1,400	0	0.214	0.074	0	0.213	0.074	0	0.209	0.073
250	1,600	0	.236	.074	0	.237	.073	0	.232	.072
250	1,800	0	.250	.076	0	.249	.075	0	.244	.072
250	2,000	0	.252	.078	0	.251	.077	0	.246	.073
250	2,200	0	.258	.076	0	.257	.076	0	.251	.072
250	2,400	0	.244	.078	0	.245	.078	0	.242	.074
250	2,600	0	.230	.084	0	.232	.084	0	.230	.082
250	2,800	0	.216	.090	0	.215	.090	0	.215	.090
250	3,000	0	.198	.090	0	.199	.089	0	.199	.090
250	3,500	0	.148	.092	0	.151	.091	0	.152	.092
250	4,000	0	.116	.090	0	.117	.088	0	.117	.088
300	200	0	.028	.040	0	.028	.040	0	.028	.041
300	300	0	.040	.044	0	.040	.044	0	.039	.044
300	400	0	.048	.050	0	.048	.050	0	.048	.050
300	500	0	.056	.048	0	.057	.048	0	.056	.048
300	600	0	.070	.050	0	.070	.050	0	.069	.050
300	700	0	.082	.056	0	.081	.055	0	.080	.055
300	800	0	.092	.054	0	.091	.054	0	.090	.054
300	900	0	.102	.054	0	.101	.055	0	.099	.055
300	1,000	0	.112	.058	0	.112	.058	0	.110	.057
300	1,200	0	.130	.060	0	.129	.059	0	.127	.059
300	1,400	0	.150	.062	0	.149	.061	0	.147	.060
300	1,600	0	.172	.060	0	.171	.059	0	.167	.059
300	1,800	0	.184	.062	0	.183	.061	0	.179	.060
300	2,000	0	.192	.058	0	.192	.057	0	.188	.055
300	2,200	0	.200	.058	0	.201	.057	0	.197	.054
300	2,400	0	.200	.060	0	.201	.060	0	.198	.057
300	2,600	0	.194	.066	0	.194	.064	0	.193	.063
300	2,800	0	.182	.072	0	.183	.071	0	.182	.072
300	3,000	0	.176	.074	0	.177	.073	0	.176	.073
300	3,500	0	.144	.082	0	.145	.080	0	.145	.080
300	4,000	0	.122	.082	0	.123	.081	0	.121	.082

**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
350	200	0	0.020	0.032	0	0.020	0.032	0	0.020	0.033
350	300	0	.028	.036	0	.029	.036	0	.028	.036
350	400	0	.034	.040	0	.035	.040	0	.035	.040
350	500	0	.040	.040	0	.040	.039	0	.040	.038
350	600	0	.048	.042	0	.049	.041	0	.048	.041
350	700	0	.058	.044	0	.058	.044	0	.057	.044
350	800	0	.064	.044	0	.064	.044	0	.063	.044
350	900	0	.072	.046	0	.072	.045	0	.070	.045
350	1,000	0	.080	.048	0	.080	.047	0	.078	.047
350	1,200	0	.094	.050	0	.093	.049	0	.091	.049
350	1,400	0	.110	.050	0	.109	.050	0	.107	.050
350	1,600	0	.128	.050	0	.127	.049	0	.124	.049
350	1,800	0	.138	.050	0	.137	.051	0	.134	.050
350	2,000	0	.148	.046	0	.148	.045	0	.146	.044
350	2,200	0	.158	.046	0	.158	.045	0	.155	.044
350	2,400	0	.164	.046	0	.164	.046	0	.162	.045
350	2,600	0	.162	.052	0	.161	.050	0	.160	.050
350	2,800	0	.154	.058	0	.154	.056	0	.154	.057
350	3,000	0	.152	.062	0	.153	.060	0	.153	.061
350	3,500	0	.134	.072	0	.135	.069	0	.134	.070
350	4,000	0	.122	.076	0	.121	.074	0	.117	.074
400	200	0	.016	.028	0	.015	.026	0	.015	.027
400	300	0	.022	.030	0	.021	.029	0	.021	.029
400	400	0	.026	.032	0	.026	.032	0	.026	.032
400	500	0	.030	.032	0	.029	.031	0	.029	.031
400	600	0	.036	.034	0	.036	.033	0	.035	.033
400	700	0	.042	.036	0	.043	.036	0	.042	.036
400	800	0	.048	.038	0	.047	.036	0	.047	.036
400	900	0	.054	.038	0	.053	.037	0	.052	.037
400	1,000	0	.058	.038	0	.059	.039	0	.058	.038
400	1,200	0	.070	.040	0	.069	.041	0	.068	.040
400	1,400	0	.082	.042	0	.081	.041	0	.080	.041



**Table 18.** Simulated 128-day, flood pulse and ground-water response factor results for 0.5-, 1-, and 3-meter flood pulses for selected days and distances from the Missouri River—Continued

[m, meters; GWRF, ground-water response factor; STD, standard deviation]

Day	Distance from river (m)	0.5-meter flood pulse			1-meter flood pulse			3-meter flood pulse		
		Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF	Flood pulse (m)	GWRF	STD of GWRF
400	1,600	0	0.096	0.042	0	0.096	0.041	0	0.094	0.040
400	1,800	0	.104	.042	0	.105	.042	0	.103	.042
400	2,000	0	.116	.038	0	.116	.036	0	.114	.036
400	2,200	0	.126	.038	0	.125	.038	0	.123	.038
400	2,400	0	.136	.038	0	.135	.036	0	.133	.037
400	2,600	0	.134	.042	0	.135	.040	0	.133	.040
400	2,800	0	.130	.048	0	.130	.047	0	.130	.047
400	3,000	0	.132	.052	0	.133	.051	0	.132	.051
400	3,500	0	.120	.062	0	.122	.061	0	.121	.061
400	4,000	0	.114	.068	0	.115	.066	0	.111	.066
500	200	0	.010	.020	0	.009	.018	0	.009	.019
500	300	0	.012	.020	0	.013	.019	0	.013	.019
500	400	0	.016	.022	0	.016	.021	0	.016	.021
500	500	0	.018	.022	0	.017	.021	0	.017	.021
500	600	0	.020	.024	0	.021	.023	0	.021	.022
500	700	0	.026	.024	0	.025	.024	0	.025	.024
500	800	0	.028	.026	0	.027	.025	0	.027	.024
500	900	0	.032	.026	0	.031	.025	0	.030	.025
500	1,000	0	.034	.026	0	.035	.026	0	.034	.026
500	1,200	0	.042	.028	0	.041	.027	0	.040	.027
500	1,400	0	.048	.028	0	.048	.028	0	.047	.028
500	1,600	0	.058	.030	0	.057	.028	0	.056	.028
500	1,800	0	.064	.030	0	.064	.029	0	.063	.030
500	2,000	0	.074	.028	0	.074	.027	0	.073	.027
500	2,200	0	.082	.030	0	.082	.029	0	.080	.029
500	2,400	0	.092	.026	0	.093	.026	0	.091	.027
500	2,600	0	.096	.030	0	.095	.029	0	.095	.029
500	2,800	0	.094	.034	0	.094	.033	0	.094	.033
500	3,000	0	.100	.038	0	.100	.037	0	.099	.037
500	3,500	0	.096	.046	0	.098	.046	0	.097	.046
500	4,000	0	.098	.054	0	.099	.053	0	.094	.051