

Storm Event Start of Rainfall (date/time)	Rainfall			Magnitude of Peak				Time to Peak After Start of Rain ^b						Time Between Peaks									
	Season Prior to Storm	Storm Total ^{a,b} (inches)	Peak Intensity (in/15 min)	Liddell Spring Flow (gpm)	Liddell Spring Turbid- ity (NTU)	Liddell Spring Spe- cific Conduc- tance (uS/cm)	Peak Majors Creek Stage/ Flow (ft, cfs)	Spec. Cond. Dip After Start of Rain	Rain- fall	Majors Creek Flow	Liddell Spring Tur- bidity	Liddell Spring Flow	Liddell Spring Conduc- tance	Majors Creek Flow- Liddell Spring Turb.	Rainfall- Majors Creek Flow	Rainfall- Liddell Spring Turb.	Liddell Spring Turb.- Flow	Majors Creek Flow- Liddell Spring Flow	Rainfall- Liddell Spring Flow	Liddell Spring Flow- Spec. Cond.	Rainfall- Liddell Spring Spec. Cond.	Liddell Spring Turb. Initial & Late Peaks	
								(hrs)						(hrs)									
WY 2004																							
1	1/26/04 17:30	18.4	1.0	0.07	1,000	203	493	4		23	26	27	31	44	0.6	3	4	5	5	8	13	21	
2	2/1/04 9:45	19.6	1.6	0.15	1,420	143	520	68		25	27	29	38	70	2	2	4	9	11	13	32	45	
	late peak					27																52	
	late peak					15																72	
3	2/17/04 17:30	21.9	1.0	0.11	1,480	117	502	51	0.4	3	7	10	15	24	3	4	7	5	8	12	10	21	
4	2/24/04 3:30	23.2	0.5	0.12	1,410	15	481	25	0.3	3	5	6	21	27	0.6	2	3	15	15	18	6	24	
5	2/25/04 3:00	23.8	1.0	0.10	1,750	32	527	82	0.4	9	9	11	16	29	2	0.6	2	5	6	7	14	21	
WY 2005																							
6	10/19/04 5:00	1.6	3.0	0.58	2,160	699	512	4.1	0.2	6	8	9	16	13	2	1	3	7	9	10	-3	7	
	late peak					77																67	
7	10/26/04 2:45	5.5	1.3	0.17	1,520	43	544	2.2	0.2	0.2	8	9	10	27	0.4	8	9	1	2	10	17	27	
8	12/7/04 0:30	8.8	0.9	0.08	955	6	435	2.6	0.2	5	7	8	6	16	1	2	2	-1	-0.3	1	10	11	
9	12/7/04 22:30	9.7	3.4	0.20	2,140	412	603	5.8		7	9	9	12	23	0.5	2	2	3	3	4.5	11	16	
	late peak					34																54	
10	12/26/04 12:45	13.1	3.1	0.22	1,780	22	553	3.3		21	23	24	34	38	1	2	3	10	11	13	5	17	
	late peak					16																16	
11	12/29/04 19:15	16.7	1.5	0.09	1,890	6	555	3.4			28	29	32	40	1			3	4		8		
12	1/2/05 2:00	18.6	2.2	0.20	2,420	103	580	4.4	0.8	15	17	17	24	37	0.0	2	2	7	7	9	13	22	
	late peak					67																17	
13	2/15/05 0:15	26.0	2.0	0.09	2,010	14	491	3.7		9	21	23	27	38	2	12	14	4	6	18	12	29	
14	3/21/05 14:15	34.5	3.4	0.13	3,080	336	531	5.9	0.5	10	12	11	26	53	-1	3	2	15	14	17	27	44	
	late peak					104																60	
15	4/8/05 5:45	39.9	0.8	0.12	2,300	269	463	3.4	0.2	3	7	7	12	22	-0.2	4	4	6	5	9	10	19	
N		15	15	15	15	22	15	15	9	14	15	15	15	15	15	14	14	15	15	14	15	14	7
Min		1.6	0.5	0.07	955	6	435	4/2.2	0.2	0.2	5	6	6	13	-1	0.6	2	-1	-0.3	1	-3	7	16
Max		39.9	3.4	0.58	3,080	699	603	82/5.9	0.8	25	28	29	38	70	3	12	14	15	15	18	32	45	72
Avg		18.7	1.8	0.16	1,820	125	519	46/3.9	0.3	10	14	15	21	34	1	3	4	6	7	11	12	23	48
Rank of Averages									1	2	3	4	5	6	1	2	3	4	5	6	7	8	9

^a May include rain falling after peak(s).

^b May exclude some early, light precipitation.

Times of some multiple peaks averaged for 2/17/04, 2/25/04, and 3/21/05.

Blanks indicate values that could not be determined.