

TABLE 17
Peak Flow Comparisons
(Effective vs. Updated)

Junction	Effective Drainage Area (mi ²)	Effective Peak Flow (cfs)				Updated Drainage Area (mi ²)	Updated Peak Flow (cfs)				Area Differences		Peak Flow Differences (cfs)				Peak Flow Differences (%)			
		10-Year	50-Year	100-Year	500-Year		10-Year	50-Year	100-Year	500-Year	(mi ²)	(%)	10-Year	50-Year	100-Year	500-Year	10-Year	50-Year	100-Year	500-Year
W1670100_0174_J	2.02	749	1116	1300	1845	1.743	901	1313	1507	2103	-0.277	-14%	152	197	207	258	20%	18%	16%	14%
W1670000_0206_J	5.3	1652	2505	2944	4218	5.472	1523	2364	2780	4011	0.172	3%	-130	-142	-164	-207	-8%	-6%	-6%	-5%
U1200000_0003_J	6.2	1074	1761	2135	3236	5.009	1213	1905	2270	3350	-1.191	-19%	138	144	135	113	13%	8%	6%	4%
U1060000_0301_J	3.15	689	1124	1361	2076	4.854	530	818	980	1437	1.704	54%	-159	-306	-381	-639	-23%	-27%	-28%	-31%
U1060000_0229_J	8.54	2804	4383	5178	7625	10.322	1663	2695	3250	4817	1.782	21%	-1141	-1688	-1928	-2808	-41%	-39%	-37%	-37%
U1060000_0177_J	12.19	4616	7218	8499	12428	13.952	3261	5194	6251	9224	1.762	14%	-1355	-2024	-2248	-3204	-29%	-28%	-26%	-26%
U1060000_0006_J	18.2	6244	9934	11749	16989	18.992	4610	7480	8919	12737	0.792	4%	-1634	-2454	-2830	-4252	-26%	-25%	-24%	-25%
U1020100_0006_J	3.03	860	1334	1580	2308	2.925	1728	2571	2962	4146	-0.105	-3%	869	1236	1382	1838	101%	93%	87%	80%
U1020000_0826_J	3.94	875	2083	4394	14439	6.168	1749	4728	6845	14237	2.228	57%	874	2645	2451	-202	100%	127%	56%	-1%
U1020000_0632_J	13.34	2462	3935	4700	12365	13.609	1453	2904	4568	12136	0.269	2%	-1009	-1032	-132	-230	-41%	-26%	-3%	-2%
U1020000_0465_J	17.96	3113	5022	6033	12386	20.602	2202	3882	4694	6697	2.642	15%	-911	-1140	-1339	-5689	-29%	-23%	-22%	-46%
U1020000_0232_J	24.64	4090	6606	7960	12545	27.873	3125	5629	6837	10152	3.233	13%	-965	-977	-1123	-2393	-24%	-15%	-14%	-19%
U1020000_0197_J	27.67	4548	7327	8828	13101	30.798	3632	6244	7618	11801	3.128	11%	-916	-1084	-1210	-1300	-20%	-15%	-14%	-10%
U1010700_0052_J	3.19	403	667	815	1254	0.191	86	150	187	244	-2.999	-94%	-317	-518	-628	-1010	-79%	-78%	-77%	-81%
U1010000_0808_J	7.6	1439	2348	2837	4297	8.245	1555	2543	3077	4662	0.645	8%	116	194	240	365	8%	8%	8%	8%
U1010000_0639_J	14.19	2360	3722	4473	6694	14.357	1930	3197	3912	6464	0.167	1%	-429	-525	-561	-230	-18%	-14%	-13%	-3%
U1010000_0466_J	25.7	4000	6316	7622	11425	24.131	3472	5590	6669	10195	-1.569	-6%	-527	-725	-953	-1230	-13%	-11%	-13%	-11%
U1010000_0344_J	32.7	5891	9092	10570	14961	31.088	5017	7814	9153	13120	-1.612	-5%	-875	-1279	-1417	-1842	-15%	-14%	-13%	-12%
U1010000_0000_J	42.29	6901	11322	13294	18310	40.04	5072	8775	10551	15941	-2.25	-5%	-1829	-2548	-2743	-2369	-27%	-23%	-21%	-13%
U1000000_0995_J	6.96	952	1622	1980	3047	6.305	951	1586	1935	2966	-0.655	-9%	-1	-36	-45	-81	0%	-2%	-2%	-3%
U1000000_0632_J	26.1	4019	6548	7791	11956	21.436	4575	7362	8760	12590	-4.664	-18%	556	814	969	634	14%	12%	12%	5%
U1000000_0494_J	29.02	4413	7274	8701	13062	24.709	5575	8960	10543	15057	-4.311	-15%	1162	1686	1842	1996	26%	23%	21%	15%
U1000000_0488_J	47.22	9082	15429	18784	28030	43.701	9892	16013	19258	27615	-3.519	-7%	810	584	474	-415	9%	4%	3%	-1%
U1000000_0383_J	49.28	6973	12166	15203	24507	46.262	10194	16688	20052	28915	-3.018	-6%	3220	4522	4849	4409	46%	37%	32%	18%
U1000000_0069_J	138.46	21410	35529	42732	62368	136.761	21595	35740	43192	64023	-1.699	-1%	185	211	460	1655	1%	1%	1%	3%