

# Methods for Estimating the Magnitude and Frequency of Peak Discharges of Rural, Unregulated Streams in Virginia

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U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 94-4148

Prepared in cooperation with the

VIRGINIA DEPARTMENT OF TRANSPORTATION



**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02033300	1967-91	16	25	--	B	S	154	468	887	1,830	3,000	4,760	7,360	12,700
						R	248	502	730	1,080	1,390	1,730	2,120	2,700
						W	166	475	838	1,540	2,290	3,320	4,730	7,340
02033500	1926-43	10	18	40	M	S	9,030	13,600	17,700	24,400	30,800	38,500	47,900	63,400
02034000	1934-91	58	58	--	M	S	15,100	28,700	41,500	63,000	83,800	109,000	141,000	193,000
02034050	1967-76	10	10	30	SP	S	117	262	438	814	1,270	1,940	2,930	4,990
						R	159	299	427	636	829	1,050	1,310	1,720
						W	127	277	431	707	996	1,390	1,920	2,940
02034250	1962-77	14	16	30	SP	S	27	70	115	196	277	379	505	716
						R	87	171	252	390	522	680	868	1,170
						W	33	93	158	270	379	510	668	923
02034300	1951-61	11	11	--	SP	S	392	467	513	570	611	652	692	744
						R	393	717	1,000	1,460	1,860	2,330	2,860	3,670
						W	392	549	707	958	1,170	1,390	1,630	1,950
02034500	1927-91	64	65	--	SP	S	2,700	5,080	7,360	11,300	15,100	19,900	25,900	36,100
						R	4,040	6,730	8,980	12,400	15,300	18,500	22,100	27,400
						W	2,740	5,190	7,520	11,400	15,100	19,700	25,200	34,500
02035000	1899-91	93	93	122	M	S	68,100	105,000	135,000	180,000	219,000	262,000	312,000	387,000
02035400	1962-77	16	16	30	SP	S	50	118	196	349	518	751	1,070	1,670
02036500	1945-90	46	46	--	SP	S	491	1,210	2,000	3,550	5,220	7,470	10,500	16,000
						R	752	1,300	1,780	2,540	3,230	4,030	4,960	6,370
						W	503	1,220	1,960	3,300	4,670	6,430	8,720	12,800

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02037500	1935-91	57	57	125	M	S	74,100	118,000	152,000	200,000	240,000	284,000	331,000	402,000
02037800	1952-91	36	40	50	M	S	399	776	1,160	1,870	2,600	3,560	4,820	7,090
02038000	1955-91	36	37	50	M	S	633	1,250	1,840	2,860	3,860	5,100	6,640	9,250
02038500	1943-91	21	22	25	M	S	1,010	2,190	3,410	5,640	7,950	11,000	14,900	21,800
02038800	1955-76	16	22	50	SP	S	442	843	1,220	1,870	2,500	3,280	4,250	5,870
02038840	1972-91	19	20	50	SP	R	535	994	1,430	2,140	2,800	3,580	4,480	5,900
						W	454	880	1,290	1,970	2,620	3,410	4,350	5,910
						S	249	550	885	1,540	2,270	3,270	4,640	7,230
02038845	1972-91	20	20	50	SP	R	184	353	510	763	991	1,250	1,560	2,020
						W	238	480	714	1,140	1,590	2,180	2,970	4,410
						S	90	242	426	807	1,250	1,870	2,750	4,440
02038850	1967-91	25	25	50	SP	R	139	266	384	572	742	936	1,160	1,500
						W	96	248	411	704	1,010	1,400	1,920	2,860
						S	479	1,240	2,210	4,360	6,990	11,000	16,900	29,300
02039000	1947-91	45	45	50	SP	R	543	998	1,410	2,070	2,660	3,330	4,100	5,280
						W	487	1,180	1,920	3,330	4,910	7,160	10,400	16,800
						S	1,500	2,990	4,310	6,390	8,260	10,400	12,900	16,800
02039500	1926-91	66	66	90	SP	R	2,280	3,920	5,360	7,700	9,840	12,300	15,200	19,600
						W	1,540	3,080	4,450	6,630	8,590	10,900	13,500	17,500
						S	4,690	8,610	11,900	16,900	21,300	26,200	31,800	40,200
02040000	1901-91	71	91	--	SP	R	4,910	8,150	10,900	15,100	18,700	22,800	27,400	34,300
						W	4,700	8,570	11,800	16,600	20,800	25,500	30,800	38,800
						S	5,870	10,000	13,800	19,900	25,600	32,500	40,800	54,300
02040000	1901-91	71	91	--	SP	R	7,380	12,000	15,700	21,200	25,900	31,000	36,600	44,800
						W	5,910	10,100	14,000	20,100	25,700	32,300	40,200	53,000

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)													
						Recurrence interval (years)						2	5	10	25	50	100	200	500
02040500	1947-91	34	45	100	SP	S	1,470	2,440	3,150	4,100	4,840	5,610	6,400	7,490					
						R	1,570	2,680	3,610	5,030	6,270	7,660	9,210	11,500					
						W	1,470	2,470	3,230	4,330	5,230	6,210	7,270	8,790					
02040600	1966-75	10	10	35	SP	S	85	207	358	685	1,080	1,680	2,560	4,390					
						R	54	103	149	227	302	394	503	677					
						W	75	150	222	361	520	743	1,060	1,660					
02041000	1940-91	46	52	--	SP	S	3,250	6,510	9,460	14,200	18,600	23,700	29,700	39,200					
						R	3,060	5,070	6,770	9,470	11,900	14,800	18,000	22,900					
						W	3,240	6,340	9,010	13,100	16,800	21,200	26,200	34,200					
02041500	1927-66	40	40	65	SP	S	7,620	10,700	13,300	17,100	20,500	24,300	28,700	35,500					
						R	10,400	16,600	21,500	28,700	34,800	41,400	48,700	59,400					
						W	7,740	11,200	14,200	18,900	22,900	27,400	32,300	39,900					
02041650	1970-91	22	22	65	SP	S	10,100	15,700	20,000	26,100	31,200	36,700	42,800	51,600					
						R	7,930	12,200	15,400	20,300	24,700	29,500	35,000	43,000					
						W	9,880	15,100	18,900	24,400	29,000	34,200	39,900	48,400					
02042200	1948-76	25	29	--	C	S	30	98	204	491	910	1,640	2,900	5,990					
						R	59	114	172	277	379	506	660	913					
						W	31	99	199	443	766	1,290	2,130	4,070					
02042250	1968-91	20	24	--	C	S	49	109	171	283	399	548	739	1,070					
						R	36	68	100	154	205	266	338	453					
						W	48	104	158	250	341	456	599	844					
02042300	1965-91	27	27	--	C	S	778	1,250	1,630	2,220	2,740	3,340	4,020	5,070					
						R	139	269	410	674	939	1,270	1,680	2,380					
						W	717	1,100	1,390	1,840	2,260	2,760	3,360	4,330					

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02042500	1942-91	50	50	--	C	S	1,480	2,550	3,470	4,920	6,250	7,800	9,610	12,500
						R	2,070	3,520	4,820	6,880	8,730	10,900	13,300	17,100
						W	1,490	2,570	3,530	5,060	6,460	8,100	10,000	13,100
02042700	1948-77	26	30	40	C	S	124	252	393	667	971	1,390	1,970	3,090
						R	98	180	260	395	522	673	849	1,130
						W	123	244	371	607	858	1,200	1,650	2,510
02042780	1970-91	21	22	--	C	S	95	135	169	220	265	317	377	470
						R	145	252	342	503	666	868	1,110	1,510
						W	98	151	200	278	347	426	515	652
02043500	1954-91	32	38	--	C	S	520	780	978	1,260	1,490	1,750	2,030	2,440
						R	265	462	635	906	1,150	1,420	1,730	2,200
						W	511	760	948	1,220	1,440	1,690	1,980	2,390
02044000	1947-91	45	45	50	SP	S	1,900	3,320	4,510	6,320	7,910	9,720	11,800	14,900
						R	1,460	2,540	3,500	5,050	6,450	8,070	9,930	12,800
						W	1,870	3,210	4,320	6,010	7,520	9,260	11,300	14,300
02044200	1968-91	24	24	--	SP	S	82	151	216	327	435	568	733	1,010
						R	48	91	130	197	262	340	433	581
						W	77	133	184	273	361	472	609	840
02044500	1940-91	42	52	--	SP	S	4,570	8,670	12,600	19,300	25,900	34,200	44,400	61,700
						R	4,770	7,860	10,500	14,500	18,000	21,900	26,400	33,100
						W	4,580	8,570	12,200	18,200	23,800	30,700	39,100	53,100
02045500	1930-91	62	62	--	SP	S	5,640	9,160	12,100	16,800	20,900	25,700	31,300	40,000
						R	6,100	9,860	12,900	17,500	21,400	25,800	30,600	37,700
						W	5,650	9,200	12,200	16,900	21,000	25,700	31,200	39,700
02046000	1940-91	46	52	62	SP	S	1,870	3,640	5,330	8,250	11,100	14,700	19,100	26,500
						R	2,060	3,410	4,520	6,290	7,900	9,740	11,800	15,100
						W	1,880	3,610	5,200	7,830	10,300	13,400	17,100	23,400

**Appendix 2. Peak-discharge characteristics for stream-gaging stations in Virginia—Continued**

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Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02046400	1967-76	10	10	--	C	S	56	82	102	130	153	178	205	245
						R	65	118	166	243	313	394	486	627
						W	57	88	117	164	206	254	308	387
02046500	1949-83	26	35	--	C	S	91	180	253	361	452	553	662	822
						R	97	173	242	352	451	565	695	894
						W	92	179	251	359	452	555	670	841
02046900	1966-75	10	10	--	C	S	61	88	107	135	158	182	208	247
						R	72	133	192	292	386	497	627	833
						W	62	95	127	180	229	285	349	444
02047000	1940-91	51	52	62	M	S	8,120	13,200	17,700	25,000	31,900	40,100	50,100	66,400
02047500	1940-91	50	52	62	C	S	2,150	3,590	4,720	6,340	7,700	9,180	10,800	13,200
						R	1,420	2,360	3,140	4,310	5,310	6,440	7,680	9,550
						W	2,140	3,530	4,610	6,130	7,400	8,780	10,300	12,500
02048000	1940-88	47	49	62	C	S	2,770	4,520	5,960	8,120	9,990	12,100	14,500	18,200
						R	1,930	3,180	4,210	5,740	7,050	8,510	10,100	12,500
						W	2,750	4,470	5,850	7,900	9,670	11,700	13,900	17,400
02048400	1950-76	27	27	50	C	S	302	597	906	1,490	2,100	2,930	4,030	6,070
						R	261	451	615	866	1,090	1,340	1,610	2,030
						W	301	584	869	1,370	1,880	2,530	3,370	4,870
02049500	1940-91	51	52	62	C	S	3,110	4,990	6,510	8,780	10,700	13,000	15,400	19,200
						R	2,280	3,740	4,910	6,650	8,130	9,780	11,600	14,300
						W	3,100	4,950	6,430	8,620	10,500	12,600	15,000	18,600
02049700	1950-76	27	27	50	C	S	126	184	225	280	324	370	419	487
						R	177	317	448	662	858	1,090	1,350	1,760
						W	129	194	248	332	406	488	579	710

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02050050	1967-91	25	25	30	C	S	154	243	320	440	550	678	828	1,070
						R	108	199	290	444	591	766	973	1,300
						W	151	238	315	441	559	699	865	1,130
02050400	1966-75	10	10	35	SP	S	260	348	409	489	550	613	679	769
						R	158	302	438	664	876	1,130	1,420	1,890
						W	229	328	424	585	730	892	1,070	1,340
02050500	1949-73	21	25	--	SP	S	789	1,070	1,260	1,520	1,710	1,900	2,110	2,380
						R	595	1,080	1,520	2,240	2,910	3,680	4,580	5,980
						W	762	1,070	1,340	1,770	2,140	2,540	2,980	3,610
02051000	1947-91	43	45	50	SP	S	2,620	4,330	5,710	7,770	9,550	11,500	13,800	17,100
						R	1,850	3,180	4,360	6,250	7,980	9,970	12,300	15,800
						W	2,570	4,160	5,440	7,400	9,130	11,100	13,400	16,800
02051400	1958-76	19	19	--	SP	S	59	152	264	501	780	1,180	1,760	2,910
						R	90	168	239	357	469	602	759	1,010
						W	63	156	255	437	631	895	1,250	1,920
02051500	1889-1991	66	103	--	SP	S	7,250	11,300	14,700	20,000	24,600	30,000	36,200	46,000
						R	6,400	10,400	13,700	18,700	22,900	27,700	32,900	40,700
						W	7,230	11,300	14,600	19,800	24,400	29,600	35,700	45,200
02051600	1958-91	34	34	--	SP	S	957	2,470	4,200	7,630	11,400	16,500	23,400	36,200
						R	1,030	1,780	2,430	3,470	4,410	5,510	6,770	8,710
						W	963	2,350	3,730	6,150	8,590	11,800	15,900	23,200
02051650	1966-75	10	10	--	SP	S	130	212	280	380	468	567	678	849
						R	143	267	379	568	748	964	1,220	1,620
						W	133	234	327	480	619	782	968	1,250
02052000	1940-91	42	52	120	SP	S	8,150	12,600	16,200	21,400	25,900	30,900	36,500	45,000
						R	7,300	11,800	15,400	20,800	25,300	30,400	35,900	44,200
						W	8,120	12,500	16,000	21,300	25,800	30,800	36,400	44,900

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02052500	1940-91	39	52	--	SP	S	1,370	2,760	4,080	6,280	8,370	10,900	14,000	19,100
						R	1,450	2,460	3,300	4,610	5,790	7,140	8,670	11,000
						W	1,380	2,720	3,920	5,840	7,620	9,730	12,200	16,300
02053800	1961-91	31	31	35	M	S	2,340	4,700	6,850	10,300	13,500	17,300	21,700	28,700
02054500	1940-91	49	52	90	M	S	6,080	9,910	12,800	17,000	20,400	24,100	28,100	33,800
02055000	1878-91	94	114	115	M	S	7,600	12,700	16,400	21,400	25,200	29,200	33,300	38,900
02055100	1957-91	35	35	50	CV	S	813	1,900	2,990	4,900	6,770	9,090	11,900	16,700
						R	619	1,280	1,920	2,970	3,930	5,030	6,310	8,330
						W	782	1,730	2,600	4,050	5,430	7,130	9,190	12,600
02056000	1927-91	65	65	115	CV	S	10,500	16,500	21,100	27,500	32,700	38,400	44,500	53,400
						R	12,200	18,900	23,900	30,900	36,600	42,500	48,900	58,000
						W	10,600	16,700	21,400	28,000	33,400	39,100	45,400	54,300
02056650	1975-91	17	17	40	M	S	2,270	5,030	7,630	11,900	15,900	20,600	26,100	34,800
02056900	1977-91	15	15	100	B	S	4,160	7,410	9,640	12,400	14,400	16,300	18,200	20,500
						R	3,510	6,320	8,690	12,200	15,200	18,500	22,200	27,600
						W	3,980	7,000	9,220	12,300	14,800	17,500	20,400	24,500
02057000	1925-63	39	39	100	B	S	4,440	7,610	10,100	13,800	16,800	20,200	23,800	29,200
						R	5,510	9,730	13,200	18,400	22,800	27,700	33,000	41,000
						W	4,530	7,880	10,600	14,700	18,100	21,900	26,000	32,000
02057500	1926-63	38	38	75	M	S	15,900	25,100	32,000	41,800	49,700	58,200	67,400	80,600
02057700	1967-91	24	25	--	B	S	130	179	214	262	300	340	383	444



**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02058000	1935-44	10	10	50	SP	S	1,530	2,340	3,070	4,250	5,350	6,680	8,280	10,900
						R	2,010	3,590	4,990	7,100	8,880	10,800	13,000	16,200
						W	1,620	2,740	3,860	5,590	7,050	8,680	10,500	13,400
02058400	1964-91	28	28	65	M	S	8,110	14,200	19,600	28,400	36,700	46,700	58,600	78,100
02058500	1931-63	33	33	60	M	S	7,980	12,200	15,600	20,700	25,100	30,000	35,700	44,300
02059500	1924-91	65	68	--	B	S	5,640	10,700	15,400	23,000	30,100	38,700	48,900	65,500
						R	5,100	9,040	12,300	17,200	21,300	25,800	30,900	38,300
						W	5,610	10,600	15,000	22,000	28,500	36,200	45,300	59,900
02060500	1931-62	32	32	75	M	S	29,700	43,800	53,900	67,300	77,700	88,600	99,900	116,000
02061000	1940-60	18	21	--	B	S	4,430	7,910	10,800	15,200	19,000	23,200	28,100	35,300
						R	3,530	6,360	8,740	12,300	15,300	18,600	22,300	27,700
						W	4,240	7,460	10,100	14,000	17,300	21,100	25,400	31,700
02061150	1960-76	17	17	--	B	S	142	382	674	1,280	1,980	2,970	4,350	7,030
						R	140	290	426	638	823	1,030	1,270	1,630
						W	141	355	581	987	1,400	1,950	2,660	3,920
02061300	1949-74	25	26	--	B	S	562	903	1,190	1,650	2,060	2,550	3,110	4,010
						R	313	626	906	1,330	1,710	2,130	2,600	3,300
						W	521	840	1,120	1,550	1,950	2,410	2,950	3,790
02061500	1937-91	55	55	60	B	S	7,730	14,200	20,200	30,200	39,600	51,000	64,900	87,700
						R	7,640	13,300	18,000	24,800	30,600	37,100	44,200	54,600
						W	7,720	14,100	19,900	29,200	37,800	48,200	60,600	80,700
02062500	1924-62	39	39	100	M	S	30,600	46,500	58,700	76,400	91,200	107,000	125,000	152,000
02064000	1930-91	56	62	--	SP	S	4,400	8,170	11,800	17,900	23,900	31,400	40,800	56,600
						R	4,170	7,120	9,700	13,700	17,200	21,200	25,600	32,400
						W	4,390	8,060	11,500	17,100	22,500	29,100	37,300	51,100

**Appendix 2. Peak-discharge characteristics for stream-gaging stations in Virginia—Continued**

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02065100	1967-91	21	25	50	SP	S	184	400	599	922	1,220	1,560	1,960	2,590
						R	177	334	480	719	940	1,200	1,500	1,980
						W	183	380	552	829	1,080	1,380	1,730	2,270
02065300	1967-91	24	25	50	SP	S	146	289	425	657	881	1,160	1,500	2,060
						R	251	477	690	1,040	1,380	1,770	2,220	2,940
						W	156	328	497	780	1,050	1,360	1,740	2,360
02065500	1940-90	45	51	75	SP	S	1,840	3,470	4,820	6,840	8,560	10,500	12,600	15,700
						R	2,500	4,300	5,860	8,270	10,400	12,700	15,400	19,400
						W	1,870	3,550	4,980	7,130	8,980	11,000	13,300	16,700
02066000	1878-1962	63	85	114	M	S	34,000	51,700	65,600	86,000	103,000	123,000	144,000	177,000
02066500	1947-72	25	26	32	SP	S	1,720	2,880	3,800	5,160	6,310	7,590	9,010	11,100
						R	3,310	5,600	7,590	10,700	13,600	16,800	20,600	26,200
						W	1,820	3,210	4,460	6,430	8,160	10,100	12,200	15,400
02067000	1930-52	23	23	114	M	S	35,300	53,200	66,800	86,000	102,000	119,000	137,000	165,000
02067810	1970-79	10	10	--	B	S	67	110	144	195	239	289	344	427
02069700	1963-91	29	29	43	M	S	2,490	4,860	7,270	11,700	16,200	22,200	29,900	43,800
02070000	1929-91	63	63	--	SP	S	2,860	5,450	7,950	12,300	16,600	22,100	28,900	40,700
						R	2,990	5,260	7,280	10,300	12,800	15,500	18,600	23,000
						W	2,870	5,420	7,850	11,900	15,900	20,800	26,800	37,100
02072500	1938-49	12	12	50	B	S	11,200	19,700	26,900	37,800	47,400	58,300	70,600	89,600
						R	6,510	11,400	15,500	21,400	26,500	32,100	38,300	47,400
						W	10,600	18,300	24,400	33,600	41,600	50,800	61,200	76,900

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02073000	1930-49	20	20	62	M	S	8,170	12,300	16,000	22,000	27,700	34,400	42,600	56,100
02074500	1930-91	62	62	--	SP	S	3,750	6,750	9,410	13,700	17,600	22,300	27,900	36,800
						R	2,990	5,190	7,120	10,100	12,600	15,400	18,600	23,300
						W	3,720	6,580	9,060	13,000	16,600	20,800	25,700	33,700
02075000	1935-49	15	15	75	SP	S	30,800	42,000	50,500	62,600	72,700	83,600	95,700	113,000
						R	18,900	30,800	40,900	55,000	66,400	78,400	91,200	110,000
						W	30,000	40,600	48,900	61,000	71,300	82,500	94,800	113,000
02075350	1958-91	33	34	--	SP	S	71	132	182	257	322	394	473	591
						R	50	99	145	221	294	380	480	640
						W	69	124	171	245	312	388	475	608
02075450	1958-74	17	17	--	SP	S	232	448	637	936	1,200	1,510	1,870	2,430
						R	213	397	565	843	1,100	1,400	1,760	2,310
						W	228	431	607	891	1,150	1,460	1,810	2,370
02075500	1951-91	40	41	75	SP	S	23,700	32,700	39,100	47,700	54,500	61,600	69,200	79,900
						R	21,100	34,200	45,200	60,500	72,700	85,500	99,200	119,000
						W	23,600	32,900	40,100	50,300	58,600	67,300	76,400	89,300
02075900	1951-61	11	11	25	SP	S	830	1,480	2,120	3,260	4,420	5,910	7,840	11,300
						R	539	976	1,370	2,010	2,610	3,300	4,100	5,340
						W	759	1,260	1,720	2,510	3,310	4,320	5,590	7,780
02076000	1901-52	35	52	90	SP	S	23,500	35,200	44,000	56,500	66,800	78,000	90,200	108,000
						R	21,000	33,900	44,600	59,500	71,300	83,900	97,200	117,000
						W	23,400	35,000	44,100	57,300	68,100	79,700	92,300	111,000
02076200	1967-91	18	25	--	SP	S	460	960	1,440	2,250	3,030	3,990	5,160	7,080
						R	350	661	949	1,410	1,820	2,290	2,820	3,650
						W	444	874	1,250	1,880	2,460	3,160	4,000	5,350

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
02076400	1966-75	10	10	25	SP	S	171	254	319	413	493	582	682	830
02076500	1950-91	42	42	--	SP	S	481	895	1,240	1,750	2,190	2,680	3,230	4,040
						R	551	1,020	1,450	2,110	2,680	3,330	4,060	5,160
						W	485	909	1,270	1,830	2,310	2,850	3,450	4,350
02076700	1966-91	21	26	--	SP	S	258	543	843	1,400	1,990	2,760	3,780	5,630
						R	293	548	781	1,160	1,510	1,910	2,370	3,090
						W	263	544	820	1,300	1,780	2,390	3,170	4,530
02077000	1905-91	64	87	--	SP	S	6,410	10,800	14,500	20,300	25,600	31,800	39,000	50,500
						R	7,180	11,900	15,800	21,600	26,600	32,000	37,900	46,700
						W	6,440	10,800	14,600	20,500	25,800	31,900	38,900	49,900
02077500	1930-91	46	56	--	SP	S	3,400	5,560	7,200	9,500	11,400	13,300	15,500	18,500
						R	4,030	6,740	8,990	12,300	15,000	18,000	21,300	26,100
						W	3,420	5,650	7,410	9,950	12,000	14,300	16,700	20,300
02078000	1934-50	17	17	57	SP	S	4,960	7,380	9,230	11,900	14,100	16,500	19,100	23,000
						R	5,140	8,510	11,300	15,400	18,800	22,500	26,500	32,500
						W	4,980	7,600	9,780	13,100	15,900	18,900	22,200	27,000
02079000	1935-52	18	18	74	M	S	68,900	99,700	124,000	158,000	187,000	219,000	254,000	306,000
02079640	1962-91	30	30	--	SP	S	2,190	3,640	4,730	6,230	7,440	8,700	10,000	11,900
						R	1,450	2,500	3,390	4,790	6,040	7,470	9,090	11,500
						W	2,120	3,420	4,370	5,750	6,930	8,220	9,660	11,800
03164000	1930-91	62	62	150	B	S	20,400	31,400	39,900	51,900	61,800	72,600	84,400	102,000
						R	19,900	33,300	44,100	59,700	72,900	87,400	103,000	127,000
						W	20,400	31,600	40,300	53,000	63,500	74,900	87,400	106,000

Appendix 2. Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03165000	1940-91	48	52	75	B	S	1,750	3,080	4,250	6,090	7,770	9,750	12,100	15,800
						R	1,540	2,880	4,030	5,750	7,220	8,870	10,700	13,400
						W	1,740	3,060	4,210	6,020	7,660	9,570	11,800	15,300
03165500	1878-1982	55	105	150	B	S	21,800	32,500	41,800	56,400	69,900	85,700	105,000	135,000
						R	22,700	37,600	49,700	67,200	81,900	98,100	116,000	142,000
						W	21,900	32,900	42,500	57,700	71,400	87,400	106,000	137,000
03166800	1976-91	16	16	--	SV	S	203	780	1,570	3,300	5,320	8,170	12,100	19,400
						R	258	454	607	827	1,010	1,210	1,420	1,720
						W	225	606	1,030	1,830	2,670	3,760	5,150	7,540
03167000	1909-91	73	83	100	SV	S	4,240	6,360	7,980	10,300	12,200	14,300	16,500	19,800
						R	5,850	8,440	10,300	12,900	14,900	17,000	19,100	22,100
						W	4,260	6,400	8,040	10,400	12,300	14,400	16,700	20,000
03167300	1967-89	15	23	--	B	S	61	116	161	225	279	337	399	489
						R	66	142	213	323	420	531	657	847
						W	62	121	173	252	320	395	478	601
03167500	1909-91	60	83	100	B	S	6,360	9,150	11,100	13,800	15,900	18,100	20,400	23,600
						R	6,860	12,000	16,300	22,500	27,800	33,700	40,200	49,700
						W	6,390	9,400	11,700	14,900	17,500	20,300	23,100	27,200
03167700	1971-91	20	21	--	B	S	284	451	586	786	960	1,150	1,370	1,710
						R	280	564	818	1,210	1,550	1,930	2,360	3,000
						W	284	476	646	912	1,140	1,400	1,680	2,120
03168000	1930-91	62	62	150	M	S	33,800	51,000	63,800	81,600	96,000	111,000	128,000	151,000
03168500	1927-61	17	35	--	SV	S	2,110	3,210	4,040	5,210	6,160	7,190	8,310	9,930
						R	1,700	2,660	3,370	4,350	5,140	5,970	6,840	8,060
						W	2,070	3,140	3,930	5,030	5,930	6,900	7,940	9,450

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03168600	1949-76	16	28	--	SV	S	16	57	115	247	410	654	1,010	1,730
03168750	1957-91	34	35	50	SV	S	87	240	408	719	1,040	1,440	1,950	2,820
						R	181	325	439	605	742	891	1,050	1,280
						W	90	245	410	706	998	1,360	1,800	2,520
03169350	1957-76	20	20	--	B	S	94	207	325	544	771	1,070	1,450	2,140
						R	123	257	379	569	735	924	1,140	1,460
						W	98	217	339	552	758	1,010	1,330	1,870
03169500	1901-40	10	40	50	B	S	3,670	5,600	7,140	9,400	11,300	13,500	15,900	19,500
						R	6,120	10,800	14,600	20,300	25,100	30,400	36,300	44,900
						W	4,070	6,780	9,210	12,900	15,900	19,200	22,800	28,100
03170000	1929-91	63	63	--	B	S	6,640	10,800	13,800	18,000	21,300	24,700	28,400	33,400
						R	7,270	12,700	17,200	23,700	29,300	35,500	42,300	52,300
						W	6,670	10,900	14,200	18,800	22,500	26,400	30,600	36,500
03171000	1878-1939	45	62	150	M	S	37,600	63,400	86,300	123,000	158,000	200,000	250,000	332,000
03171150	1957-76	20	20	--	SV	S	59	142	223	354	474	615	776	1,020
						R	55	106	149	212	265	324	389	483
						W	58	138	211	325	426	540	670	865
03171500	1878-1939	26	62	150	M	S	32,200	54,700	76,200	114,000	151,000	198,000	257,000	360,000
03173000	1878-1991	55	114	115	SV	S	6,620	9,870	12,300	15,600	18,300	21,200	24,300	28,700
						R	7,050	10,000	12,200	15,200	17,500	19,900	22,300	25,800
						W	6,630	9,870	12,300	15,600	18,300	21,100	24,100	28,500
03175500	1909-91	62	83	--	SV	S	5,400	7,680	9,090	10,700	11,900	13,000	14,000	15,300
						R	5,350	7,760	9,510	11,900	13,800	15,700	17,700	20,500
						W	5,400	7,680	9,110	10,800	12,000	13,200	14,300	15,700

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)						200	500	
						2	5	10	25	50	100			
03176500	1878-1939	26	62	150	M	S	36,800	62,300	86,100	127,000	166,000	215,000	276,000	380,000
03177700	1966-80	15	15	--	SV	S	703	940	1,100	1,310	1,460	1,620	1,780	2,000
						R	1,170	1,870	2,400	3,130	3,720	4,340	5,000	5,930
						W	734	1,020	1,250	1,560	1,800	2,060	2,320	2,670
03207400	1951-77	27	27	40	AP	S	832	1,900	2,890	4,470	5,880	7,510	9,350	12,200
						R	1,060	1,940	2,720	3,950	5,020	6,220	7,570	9,580
						W	862	1,920	2,800	4,160	5,370	6,750	8,310	10,700
03207500	1929-91	42	63	--	AP	S	10,300	18,200	24,200	32,300	38,600	45,200	52,100	61,500
						R	8,290	15,100	20,500	28,100	34,300	40,900	48,000	57,900
						W	10,100	17,500	22,700	30,300	36,400	42,900	49,900	59,500
03207800	1968-91	24	24	63	AP	S	8,220	16,000	22,600	32,400	40,700	49,900	60,000	75,000
						R	10,500	18,200	24,100	32,300	38,800	45,700	52,900	62,900
						W	8,460	16,700	23,300	32,300	39,500	47,100	55,200	66,700
03207962	1975-84	10	10	--	AP	S	52	120	184	289	387	502	636	847
						R	76	138	201	311	415	540	687	923
						W	59	130	195	304	405	526	667	892
03208000	1938-67	30	30	107	AP	S	11,900	17,400	21,100	25,700	29,100	32,400	35,800	40,200
						R	13,900	22,700	29,000	37,400	44,100	50,900	57,900	67,500
						W	12,000	18,400	23,500	30,700	36,200	41,800	47,500	55,200
03208500	1927-91	65	65	--	AP	S	13,200	23,000	30,200	40,100	47,800	55,800	64,000	75,300
						R	10,700	17,400	22,300	29,000	34,300	39,800	45,500	53,300
						W	13,100	22,100	28,000	35,600	41,600	47,800	54,300	63,100
03208950	1964-90	27	27	65	AP	S	2,250	4,160	5,790	8,310	10,500	13,100	16,000	20,500
						R	3,140	5,220	6,880	9,320	11,300	13,500	15,900	19,200
						W	2,350	4,490	6,340	8,910	11,000	13,300	15,900	19,800

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03209000	1920-65	40	46	75	AP	S	9,520	14,800	18,500	23,400	27,100	30,900	34,800	40,100
						R	9,900	13,700	16,300	19,900	22,700	25,600	28,400	32,300
						W	9,530	14,700	18,100	22,300	25,500	28,800	32,100	36,500
03209300	1957-66	10	10	--	AP	S	19,800	32,800	43,000	57,600	69,800	83,000	97,500	119,000
						R	17,300	30,600	40,500	53,800	64,300	75,200	86,500	102,000
						W	19,500	32,100	41,800	55,400	66,500	78,200	90,800	109,000
03277290	1976-85	10	10	--	AP	S	167	325	464	683	879	1,110	1,370	1,770
						R	224	408	584	880	1,150	1,460	1,830	2,400
						W	184	376	550	823	1,060	1,340	1,660	2,160
03277437	1977-84	10	10	--	AP	S	98	156	204	276	339	411	493	619
						R	70	118	165	247	324	414	520	687
						W	88	132	176	256	329	413	509	658
03277450	1964-75	12	12	--	AP	S	3,030	4,080	4,800	5,740	6,450	7,180	7,930	8,970
						R	3,430	4,690	5,600	6,970	8,080	9,240	10,400	12,100
						W	3,070	4,240	5,140	6,390	7,360	8,340	9,330	10,700
03400500	1940-90	51	51	--	AP	S	3,560	5,840	7,500	9,720	11,500	13,200	15,100	17,600
						R	3,960	6,170	7,850	10,300	12,300	14,400	16,600	19,700
						W	3,590	5,910	7,630	9,990	11,900	13,800	15,900	18,800
03471100	1967-77	11	11	--	B	S	231	354	443	564	659	759	863	1,010
						R	431	852	1,220	1,790	2,280	2,830	3,450	4,380
						W	272	489	693	1,010	1,270	1,560	1,860	2,310
03471200	1967-91	13	25	50	M	S	1,170	1,890	2,510	3,490	4,380	5,430	6,660	8,620
03471500	1908-91	63	84	90	M	S	1,910	2,930	3,740	4,910	5,910	7,010	8,240	10,100



**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03472500	1948-91	44	44	90	B	S	2,040	3,050	3,760	4,700	5,420	6,170	6,950	8,020
						R	2,030	3,750	5,210	7,390	9,260	11,300	13,700	17,100
						W	2,040	3,130	3,980	5,170	6,130	7,140	8,210	9,730
03473000	1867-1991	61	125	--	M	S	6,550	9,630	12,100	15,700	18,800	22,300	26,200	32,100
03473500	1948-90	42	43	50	SV	S	175	307	411	560	685	820	966	1,180
						R	266	466	623	849	1,030	1,240	1,450	1,760
						W	177	313	422	580	712	855	1,010	1,240
03473800	1951-77	26	27	50	SV	S	209	282	337	414	477	546	620	729
						R	296	515	686	931	1,130	1,350	1,590	1,920
						W	214	298	366	464	544	628	719	848
03474000	1942-91	50	50	84	SV	S	3,290	5,150	6,610	8,730	10,500	12,500	14,700	17,900
						R	3,370	5,030	6,250	7,920	9,250	10,600	12,100	14,100
						W	3,290	5,140	6,590	8,670	10,400	12,300	14,400	17,500
03474500	1907-31	14	25	84	SV	S	3,610	5,610	7,230	9,650	11,700	14,100	16,800	20,900
						R	3,880	5,740	7,110	8,970	10,400	12,000	13,600	15,800
						W	3,630	5,620	7,210	9,510	11,500	13,600	16,000	19,600
03474700	1969-90	16	22	--	SV	S	238	458	671	1,040	1,390	1,840	2,400	3,340
						R	295	514	685	930	1,130	1,350	1,580	1,920
						W	241	464	672	1,020	1,340	1,740	2,220	3,030
03474800	1970-91	13	22	--	SV	S	392	757	1,060	1,510	1,900	2,320	2,790	3,480
						R	282	493	658	894	1,090	1,300	1,520	1,850
						W	382	718	984	1,360	1,680	2,020	2,400	2,950
03475000	1932-91	37	60	--	SV	S	3,870	5,620	6,890	8,610	9,990	11,400	13,000	15,200
						R	5,090	7,410	9,100	11,400	13,200	15,100	17,000	19,700
						W	3,900	5,690	7,000	8,810	10,300	11,800	13,400	15,600

**Appendix 2. Peak-discharge characteristics for stream-gaging stations in Virginia—Continued**

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03475600	1967-91	23	25	--	SV	S	43	59	71	86	99	112	126	145
03475700	1971-91	21	21	--	SV	S	133	223	292	389	469	554	646	777
						R	120	221	302	421	520	629	747	917
						W	132	223	293	394	477	567	664	803
03477500	1946-65	20	20	--	SV	S	196	283	338	406	456	504	550	611
						R	458	776	1,020	1,370	1,650	1,960	2,280	2,750
						W	207	312	389	496	580	667	755	874
03478400	1958-91	34	34	56	SV	S	338	598	821	1,170	1,480	1,840	2,260	2,910
						R	852	1,390	1,790	2,360	2,820	3,310	3,830	4,570
						W	351	629	874	1,250	1,590	1,980	2,420	3,090
03487800	1966-91	26	26	--	SV	S	1,240	1,760	2,110	2,550	2,880	3,220	3,560	4,030
						R	792	1,300	1,680	2,220	2,650	3,110	3,610	4,300
						W	1,220	1,720	2,060	2,500	2,850	3,200	3,570	4,070
03487850	1967-78	12	12	--	SV	S	400	583	710	877	1,010	1,140	1,270	1,460
						R	167	302	409	564	693	833	985	1,200
						W	360	520	630	780	902	1,030	1,170	1,370
03487900	1967-77	11	11	--	SV	S	272	434	562	749	906	1,080	1,270	1,560
						R	274	479	640	871	1,060	1,270	1,490	1,800
						W	272	444	582	785	956	1,140	1,350	1,640
03488000	1862-1991	74	130	--	SV	S	5,960	8,930	11,200	14,400	17,000	19,900	23,100	27,700
						R	5,330	7,730	9,480	11,900	13,700	15,700	17,700	20,500
						W	5,950	8,900	11,100	14,300	16,900	19,700	22,700	27,200
03488500	1952-77	26	26	40	SV	S	9,930	15,000	18,900	24,500	29,100	34,200	39,700	47,800
						R	8,990	12,600	15,200	18,800	21,500	24,400	27,400	31,400
						W	9,890	14,800	18,600	23,800	28,000	32,600	37,600	45,000

Appendix 2. Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)								
						Recurrence interval (years)								
						2	5	10	25	50	100	200	500	
03489500	1921-31	11	11	--	SV	S	9,450	14,000	17,300	21,700	25,300	29,000	33,000	38,600
						R	10,800	14,900	17,900	22,000	25,200	28,400	31,800	36,400
						W	9,560	14,100	17,400	21,800	25,200	28,900	32,600	38,000
03489800	1951-91	41	41	75	SV	S	854	1,130	1,330	1,590	1,800	2,020	2,260	2,590
						R	563	941	1,230	1,640	1,970	2,330	2,710	3,250
						W	841	1,120	1,320	1,600	1,820	2,060	2,300	2,660
03489850	1967-78	12	12	--	SV	S	1,060	1,430	1,680	1,980	2,210	2,430	2,650	2,950
						R	571	954	1,250	1,660	2,000	2,360	2,750	3,290
						W	988	1,340	1,580	1,890	2,140	2,410	2,680	3,060
03489870	1966-91	26	26	--	SV	S	1,680	2,690	3,380	4,280	4,960	5,640	6,320	7,230
						R	1,230	1,950	2,500	3,260	3,870	4,510	5,190	6,150
						W	1,660	2,630	3,290	4,140	4,790	5,440	6,110	7,020
03489900	1953-77	25	25	40	SV	S	2,370	3,330	3,990	4,870	5,540	6,240	6,960	7,970
						R	2,160	3,310	4,170	5,350	6,300	7,290	8,320	9,780
						W	2,360	3,330	4,010	4,920	5,640	6,390	7,170	8,250
03490000	1862-1991	61	130	--	SV	S	14,000	20,400	25,300	32,100	37,800	44,000	50,700	60,700
						R	14,100	19,300	23,000	28,000	31,800	35,800	39,900	45,500
						W	14,000	20,400	25,200	31,900	37,500	43,500	50,100	59,800
03521500	1901-91	48	91	--	SV	S	3,550	5,220	6,410	8,000	9,250	10,500	11,900	13,800
						R	3,530	5,250	6,520	8,250	9,620	11,000	12,500	14,600
						W	3,550	5,220	6,410	8,010	9,270	10,600	12,000	13,900
03523000	1953-91	26	39	40	SV	S	2,320	2,860	3,150	3,470	3,680	3,870	4,040	4,240
						R	1,470	2,310	2,950	3,820	4,520	5,260	6,040	7,140
						W	2,260	2,810	3,130	3,520	3,800	4,080	4,370	4,730
03524000	1862-1991	75	130	--	SV	S	10,700	16,300	20,200	25,400	29,500	33,600	37,900	43,900
						R	11,400	15,800	18,900	23,200	26,500	29,900	33,400	38,300
						W	10,700	16,300	20,200	25,300	29,300	33,400	37,700	43,500

**Appendix 2.** Peak-discharge characteristics for stream-gaging stations in Virginia—Continued

[Systematic period and number of years of record (N) reflect peaks used in computations. Stations where the systematic period is greater than the number of peaks implies that there are periods of missing record during the systematic period. Peak-discharge regions shown in figure 1 and plate 1. Peak-discharge values are presented in the following order: top line (S) is station estimate computed from the log-Pearson type III analysis; second line (R) is computed from the regional regression; third line (W) is a weighted average of the two estimates. Stations not used in regressions list station estimate only. --, no data is available]

Station number	Period of record	Number of peaks (N)	Systematic period	Historical period	Peak-discharge region	Peak-discharge (cubic feet per second)													
						Recurrence interval (years)						2	5	10	25	50	100	200	500
03524500	1950-91	42	42	75	M	S	2,730	4,350	5,720	7,830	9,720	11,900	14,400	18,400					
03525000	1918-77	29	60	75	SV	S	3,000	5,230	6,970	9,450	11,500	13,700	16,100	19,500					
						R	1,210	1,930	2,470	3,230	3,830	4,470	5,150	6,100					
						W	2,860	4,820	6,260	8,230	9,820	11,500	13,400	16,000					
03526000	1948-91	44	44	--	SV	S	2,810	4,270	5,390	6,990	8,320	9,770	11,400	13,700					
						R	2,780	4,200	5,250	6,680	7,830	9,020	10,300	12,000					
						W	2,810	4,270	5,390	6,970	8,280	9,700	11,300	13,500					
03527000	1921-91	71	71	130	M	S	20,400	30,200	37,300	46,900	54,400	62,300	70,500	82,100					
03529500	1945-91	46	47	--	AP	S	4,840	7,440	9,470	12,400	14,800	17,500	20,500	24,900					
						R	4,660	8,100	10,800	14,800	18,100	21,600	25,300	30,700					
						W	4,820	7,590	10,000	13,500	16,300	19,200	22,400	27,000					
03530000	1945-77	29	33	--	SV	S	2,340	3,510	4,400	5,640	6,650	7,750	8,940	10,700					
						R	1,180	1,880	2,410	3,140	3,730	4,360	5,020	5,950					
						W	2,240	3,320	4,100	5,190	6,090	7,060	8,110	9,660					
03530500	1945-91	46	47	75	AP	S	3,880	5,980	7,660	10,100	12,300	14,600	17,300	21,300					
						R	3,070	5,510	7,530	10,500	13,100	15,800	18,800	23,100					
						W	3,810	5,860	7,600	10,300	12,600	15,100	17,800	21,900					
03531000	1921-31	11	11	--	M	S	13,200	18,800	22,900	28,600	33,100	37,900	43,000	50,200					
03531500	1932-91	60	60	75	M	S	11,100	17,300	22,300	29,500	35,700	42,500	50,200	61,700					