

Appendix 1. Additional data

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Red River of the North Basin																		
1	05050000	Bois de Sioux River near White Rock, SD	1,160	1,160	60	1942–2001	60	1942–2001	1, 2	524	1,370	2,150	3,370	4,420	5,570	6,810	8,600	
2	05051650	La Belle Creek near Veblen, SD	8.74	8.74	14	1988–2001	14	1988–2001	1	93	280	459	733	962	1,206	1,460	1,805	
							29	1973–2001	3	70	222	372	609	812	1,030	1,260	1,580	
Minnesota River Basin																		
3	05289950	Little Minnesota River tributary at Sisseton, SD	4.21	4.21	10	1970–79	10	1970–79	1	80	208	336	552	755	994	1,270	1,710	
							64	1938–2001	3, 4	103	319	548	939	1,303	1,728	2,214	2,950	
4	05289985	Big Coulee Creek near Peever, SD	12.1	12.1	14	1988–2001	14	1988–2001	1	137	288	402	551	662	770	875	1,010	
5	05290000	Little Minnesota River near Peever, SD	447	447	54	1940–81, 1990–2001	54	1940–81, 1990–2001	1	833	2,070	3,300	5,350	7,280	9,560	12,200	16,400	
							54	1940–81, 1990–2001	1	833	2,070	3,300	5,350	7,280	9,560	12,200	16,400	
6	05290300	North Fork Whetstone River tributary near Wilmot, SD	.96	.96	10	1970–79	10	1970–79	1	25	42	52	65	75	83	92	102	
							48	1954–2001	3, 4	26	53	74	104	127	152	177	212	
7	05291000	Whetstone River near Big Stone City, SD	398	398	75	1910–12, 1919, 1931–2001	75	1910–12, 1919, 1931–2001	1	1,300	3,680	6,000	9,740	13,000	16,700	20,800	26,700	
							74	1910–12, 1931–2001	1, 5	1,270	3,390	5,310	8,160	10,500	13,000	15,600	19,100	
							64	1938–2001	1, 2	868	1,780	2,540	3,690	4,670	5,740	6,910	8,620	
9	05292600	North Fork Yellow Bank River tributary near Stockholm, SD	8.15	8.15	10	1970–79	10	1970–79	1	82	237	402	691	969	1,300	1,700	2,320	
							25	1956–80	3	89	306	565	1,060	1,570	2,210	3,000	4,320	
10	05292704	North Fork Yellow Bank River near Odessa, MN	208	208	11	1991–2001	11	1991–2001	1	1,940	3,330	4,420	5,990	7,290	8,710	10,300	12,500	
							74	1910–12, 1931–2001	3, 4	1,130	2,620	3,930	5,870	7,490	9,250	11,100	13,800	
11	05299700	Cobb Creek near Gary, SD	70.3	69.4	10	1992–2001	10	1992–2001	1	465	1,280	2,020	3,120	4,020	4,970	5,950	7,280	
							29	1973–2001	3, 4	277	739	1,180	1,880	2,500	3,190	3,960	5,080	
Minor tributaries to Missouri River (Group 1)																		
12	06334500	Little Missouri River at Camp Crook, SD	1,970	1,970	46	1956–2001	46	1956–2001	1	2,400	4,810	6,550	8,770	10,400	11,900	13,400	15,300	
13	06354845	Spring Creek tributary near Greenway, SD	.99	.99	10	1970–79	10	1970–79	1	25	100	192	362	530	731	965	1,320	
14	06354860	Spring Creek near Herreid, SD	440	220	34	1963–87, 1989–97	34	1963–87, 1989–97	1	276	1,240	2,390	4,350	6,110	8,040	10,100	12,900	
							1, 6, 7	324	1,080	1,890	3,210	4,400	5,720	7,160	9,220			
15	06354882	Oak Creek near Wakpala SD	356	356	17	1985–2001	17	1985–2001	1	1,220	2,800	4,190	6,260	8,020	9,930	12,000	14,900	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Grand River Basin																	
16	06355400	North Fork Grand River tributary near Lodgepole, SD	3.07	3.07	10	1970–79	10	1970–79	1	104	264	434	743	1,060	1,450	1,950	2,790
17	06355500	North Fork Grand River near White Butte, SD	1,190	1,190	56	1946–2001	35	1967–2001	1, 2, 5	712	1,870	3,010	4,920	6,680	8,730	11,100	14,700
18	06356000	South Fork Grand River at Buffalo, SD	148	148	39	1956–94	39	1956–94	1	665	1,330	1,840	2,520	3,050	3,580	4,110	4,820
19	06356150	North Jack Creek near Ludlow, SD	1.69	1.69	10	1970–79	10	1970–79	1	20	42	64	99	134	176	228	313
20	06356500	South Fork Grand River near Cash, SD	1,350	1,350	53	1946–96, 2000–2001	53	1946–96, 2000–01	1	1,480	3,460	5,430	8,820	12,100	16,100	20,900	28,900
21	06356600	South Fork Grand River tributary near Bison, SD	1	1	10	1970–79	10	1970–79	1	36	87	134	209	277	355	443	576
22	06357500	Grand River at Shadehill, SD	3,120	3,120	47	1944–88, 1991–92	40	1951–88, 1991–92	1, 2, 5	299	981	1,870	3,790	6,040	9,250	13,700	22,400
									1, 2, 5, 6, 7, 8	208	1,020	2,090	4,020	5,780	7,720	9,780	12,600
23	06357800	Grand River at Little Eagle, SD	5,370	5,370	43	1959–2001	43	1959–2001	1	5,140	10,100	14,200	19,900	24,700	29,800	35,200	42,900
							51	1951–2001	1, 5, 9	5,240	10,800	15,400	22,300	28,200	34,600	41,600	51,700
Minor tributaries to Missouri River (Group 2)																	
24	06358520	Deadman Creek tributary near Mobridge, SD	0.3	0.3	25	1956–80	25	1956–80	1	16	47	80	136	189	251	322	431
25	06358540	Blue Blanket Creek tributary near Glenham, SD	.62	.62	10	1970–79	10	1970–79	1	6	10	13	18	23	27	32	39
Moreau River Basin																	
26	06358550	Battle Creek tributary near Castle Rock, SD	1.57	1.57	11	1969–79	11	1969–79	1	133	304	474	771	1,060	1,420	1,860	2,590
27	06358600	South Fork Moreau River tributary near Redig, SD	2.33	2.33	24	1956, 1958–80	24	1956, 1958–80	1	55	120	183	289	390	513	660	900
28	06358620	Sand Creek tributary near Redig, SD	.06	.06	16	1956, 1958–72	16	1956, 1958–72	1	22	34	43	56	65	76	87	103
29	06359000	Moreau River at Bixby, SD	1,570	1,570	25	1949–73	25	1949–73	1	2,740	5,580	8,040	11,800	15,200	19,000	23,200	29,600
							73	1929–2001	3	2,460	5,040	7,310	10,800	13,900	17,400	21,400	27,400
30	06359300	Deep Creek tributary near Maurine, SD	1.26	1.26	10	1970–79	10	1970–79	1	4	22	55	147	282	513	896	1,780
31	06359500	Moreau River near Faith, SD	2,660	2,660	58	1944–2001	58	1944–2001	1	3,952	9,284	14,040	21,300	27,530	34,380	41,830	52,600
							73	1929–2001	3	3,670	8,590	13,000	19,700	25,400	31,700	38,600	48,500
32	06359700	Thunder Butte Creek tributary near Meadow, SD	3	3	10	1970–79	10	1970–79	1	24	70	120	209	297	403	531	737

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

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Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Moreau River Basin—Continued																	
33	06359850	Elm Creek tributary near Dupree, SD	5	5	10	1970–79	10	1970–79	1	114	254	388	608	813	1,060	1,340	1,790
34	06360000	Moreau River near Eagle Butte SD	4,320	4,320	15	1944–58	15	1944–58	1	6,320	16,400	26,300	42,800	58,000	75,800	96,200	128,000
35	06360350	Little Moreau River tributary near Firesteel, SD	2.75	2.75	10	1970–79	10	1970–79	1	14	50	93	172	250	345	459	639
36	06360500	Moreau River near Whitehorse, SD	4,880	4,880	47	1955–2001	47	1955–2001	1	5,780	12,700	18,500	26,600	33,200	40,100	47,200	57,000
							73	1929–2001	1, 9	6,020	13,700	20,300	30,200	38,400	47,400	56,900	70,400
Minor tributaries to Missouri River (Group 3)																	
37	06361020	Swan Lake tributary near Bowdle, SD	27.1	27.1	10	1970–79	10	1970–79	1	20	54	88	146	200	264	338	452
							34	1963–87, 1989–97	3	24	65	106	176	242	320	410	550
Cheyenne River Basin																	
38	06392900	Beaver Creek at Mallo Camp near Four Corners, WY	10.3	10.3	19	1975–82, 1991–2001	19	1975–82, 1991–2001	1	17	41	66	110	155	211	281	399
							NA	NA	10	17	43	73	133	208	384	1,020	4,540
39	06392950	Stockade Beaver Creek near Newcastle, WY	107	107	19	1975–82, 1991–2001	19	1975–82, 1991–2001	1	49	134	241	474	754	1,160	1,760	2,980
							NA	NA	10	51	144	280	612	1,110	2,400	5,470	19,200
40	06395000	Cheyenne River at Edgemont, SD	7,143	7,143	60	1905, 1929–32, 1947–2001	60	1905, 1929–32, 1947–2001	1	2,620	5,850	8,920	14,000	18,800	24,400	31,100	41,800
							55	1947–2001	1, 5, 6	2,420	5,340	8,070	12,600	16,700	21,600	27,300	36,200
41	06396200	Fiddle Creek near Edgemont, SD	.64	.64	25	1956–80	25	1956–80	1	15	47	85	159	237	338	468	691
									1, 6, 7	17	47	76	127	174	231	296	397
							NA	NA	10	18	49	82	140	201	282	399	908
42	06396300	Cottonwood Creek tributary near Edgemont, SD	.09	.09	25	1956–80	25	1956–80	1	22	42	58	84	106	131	159	202
							NA	NA	10	22	42	60	88	114	147	194	288
43	06396350	Red Canyon Creek tributary near Pringle, SD	.2	.2	10	1970–79	10	1970–79	1	3	11	21	41	63	94	136	212
							NA	NA	10	3	12	23	48	80	129	216	520
44	06399300	Hat Creek tributary near Ardmore, SD	3.74	3.74	23	1956–59, 1961–79	23	1956–59, 1961–79	1	39	228	569	1,500	2,790	4,880	8,120	15,000
							NA	NA	1, 6, 7	57	244	454	795	1,090	1,400	1,720	2,140
							NA	NA	10	60	255	478	847	1,180	1,560	2,030	3,120
45	06399700	Piney Creek near Ardmore, SD	7.36	7.36	20	1956–75	20	1956–75	1	550	1,360	2,130	3,390	4,530	5,860	7,380	9,700
									1, 7	660	1,190	1,610	2,190	2,660	3,160	3,690	4,440
							NA	NA	10	660	1,200	1,630	2,240	2,770	3,370	4,140	5,680

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

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					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Cheyenne River Basin—Continued																	
46	06400000	Hat Creek near Edgemont, SD	1,044	1,044	52	1905, 1951–2001	52	1905, 1951–2001	1	677	2,420	4,660	9,270	14,400	21,300	30,300	46,500
							NA	NA	10	715	2,450	4,470	8,220	12,000	16,600	22,200	31,200
47	06400497	Cascade Springs near Hot Springs, SD	0.47	0.47	20	1977–96	20	1977–96	1	25	42	57	82	106	134	170	228
							19	1977–95	1, 11	23	28	32	36	40	44	48	54
							NA	NA	10	23	28	32	38	44	55	125	715
48	06400500	Cheyenne River near Hot Springs, SD	8,710	8,710	36	1915–20, 1943–72	36	1915–20, 1943–72	1	5,163	12,930	21,760	39,090	58,080	83,920	118,700	183,000
							56	1946–2001	1, 3, 5, 6, 7	3,080	6,730	10,200	15,800	21,000	27,100	34,400	45,800
49	06400875	Horsehead Creek at Oelrichs, SD	187	187	19	1983–2001	19	1983–2001	1	99	1,210	4,410	17,400	42,300	93,400	192,000	461,000
							1, 6	132	1,260	3,480	9,190	16,200	25,900	38,700	60,500		
50	06400900	Horeshead Creek tributary near Smithwick, SD	1.52	1.52	11	1969–79	11	1969–79	1	7	24	51	116	202	338	551	1,010
							NA	NA	10	7	27	60	146	275	502	953	2,330
51	06401500	Cheyenne River below Angostura Dam, SD	9,100	9,100	56	1946–2001	56	1946–2001	1, 2	751	6,060	16,300	43,400	78,500	130,000	203,000	338,000
							1, 2, 6, 7, 8	1,290	4,640	8,890	16,440	23,500	31,500	40,300	53,100		
52	06402000	Fall River at Hot Springs, SD	137	240	64	1938–2001	32	1970–2001	1, 2, 5	250	449	614	864	1,080	1,320	1,600	2,010
							NA	NA	2, 10	253	461	646	942	1,240	1,700	2,590	10,200
53	06402100	Fall River tributary at Hot Springs, SD	3.81	3.81	10	1970–79	10	1970–79	1	17	41	63	99	132	171	217	288
							NA	NA	10	18	42	68	114	165	267	602	2,480
54	06402430	Beaver Creek near Pringle, SD	45.8	45.8	11	1991–2001	11	1991–2001	1	16	35	54	84	113	148	190	257
							NA	NA	10	17	37	59	100	156	480	1,950	11,100
55	06402500	Beaver Creek near Buffalo Gap, SD	130	130	64	1938–2001	64	1938–2001	1	71	312	751	2,080	4,200	8,160	15,400	34,300
							63	1939–2001	1, 6, 7, 8, 11	72	304	633	1,360	2,210	3,400	5,010	7,980
							NA	NA	10	76	333	742	1,680	2,940	4,930	8,890	23,500
56	06402995	French Creek above Stockade Lake near Custer, SD	68.7	68.7	11	1991–2001	11	1991–2001	1	230	434	613	896	1,150	1,450	1,790	2,330
							20	1982–2001	3	177	357	518	774	1,000	1,270	1,580	2,060
							NA	NA	10	180	370	555	871	1,210	1,830	3,540	14,100
57	06403300	French Creek above Fairburn, SD	105	105	20	1982–2001	20	1982–2001	1	126	317	519	883	1,250	1,710	2,290	3,260
							NA	NA	10	130	335	575	1,040	1,600	2,670	5,050	18,400
58	06403800	Battle Creek tributary near Keystone, SD	.63	.63	25	1956–80	25	1956–80	1	3	11	25	68	138	269	509	1,150
							24	1956–71, 1973–80	1	2	5	8	13	19	26	35	50
							NA	NA	10	2	5	9	16	26	57	149	853

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					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Cheyenne River Basin—Continued																		
59	06404000	Battle Creek near Keystone, SD	58.5	58.5	42	1946–47, 1962–2001	42	1946–47, 1962–2001	1	264	978	1,980	4,300	7,150	11,400	17,500	29,800	
							41	1946–47, 1962–71, 1973–2001	1, 6, 7, 11	330	773	1,140	1,680	2,100	2,540	2,990	3,600	
60	06404800	Grace Coolidge Creek near Hayward, SD	7.48	7.48	13	1989–2001	NA	NA	10	337	798	1,200	1,800	2,340	2,980	4,200	12,800	
							13	1989–2001	1	50	158	285	534	800	1,150	1,600	2,370	
61	06404998	Grace Coolidge Creek near Game Lodge near Custer, SD	26.8	26.8	30	1972–2001	NA	NA	10	58	168	282	468	651	880	1,330	3,720	
							30	1972–2001	1	91	331	642	1,290	2,020	3,020	4,330	6,700	
62	06405800	Bear Gulch near Hayward, SD	4.23	4.23	13	1989–2001	37	1946–47, 1967–2001	1, 9	93	301	548	1,030	1,530	2,170	2,990	4,390	
							NA	NA	10	98	304	524	905	1,260	1,680	2,170	2,920	
63	06406000	Battle Creek at Hermosa, SD	178	178	52	1950–2001	NA	NA	10	102	321	571	1,017	1,489	2,120	3,222	8,083	
							13	1989–2001	1	56	196	388	817	1,340	2,090	3,170	5,290	
64	06406100	Battle Creek tributary near Hermosa, SD	3.49	3.49	10	1970–79	12	1990–2001	1, 11	46	123	200	333	458	608	783	1,060	
							NA	NA	10	48	128	216	370	535	758	1,170	2,720	
65	06406500	Battle Creek below Hermosa, SD	285	285	13	1989–2001	52	1950–2001	1	278	1,080	2,150	4,420	6,990	10,500	15,200	23,600	
							51	1950–71, 1973–2001	1, 6	294	920	1,520	2,450	3,220	4,020	4,860	5,970	
66	06406750	Sunday Gulch near Hill City, SD	6.56	6.56	14	1956–69	NA	NA	10	305	967	1,640	2,710	3,700	4,950	7,420	24,800	
							10	1970–79	1	17	34	50	78	105	139	182	253	
67	06406800	Newton Fork near Hill City, SD	8.17	8.17	11	1969–79	9	1970–71, 1973–80	1, 8, 11	17	22	25	29	32	35	37	41	
							NA	NA	10	17	22	26	31	35	115	417	2,360	
68	06406900	Palmer Creek near Hill City, SD	13.3	13.3	25	1956–80	13	1989–2001	1	292	1,170	2,370	4,920	7,830	11,800	17,100	26,600	
							51	1950–71, 1973–2001	3	209	757	1,340	2,300	3,140	4,060	5,040	6,400	
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	127	127	11	1991–2001	NA	NA	10	220	807	1,480	2,620	3,760	5,420	8,770	32,900	
							14	1956–69	1	11	39	79	167	273	426	640	1,050	
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	127	127	11	1991–2001	NA	NA	10	11	43	93	212	379	682	1,320	3,820	
							11	1969–79	1	20	41	60	92	121	155	194	257	
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	127	127	11	1991–2001	NA	NA	10	20	43	65	106	154	276	694	3,920	
							25	1956–80	1	58	226	463	999	1,640	2,580	3,900	6,440	
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	127	127	11	1991–2001	24	1956–71, 1973–80	1, 7, 11	58	141	220	351	471	611	772	1,020	
							NA	NA	10	59	147	239	398	568	845	1,460	5,260	
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	127	127	11	1991–2001	11	1991–2001	1	256	648	1,040	1,700	2,320	3,060	3,930	5,290	
							NA	NA	10	263	679	1,130	1,920	2,780	4,040	6,630	20,300	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent									
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500		
										50	20	10	4	2	1.0	0.5	0.2		
Cheyenne River Basin—Continued																			
70	06407500	Spring Creek near Keystone, SD	163	163	15	1987–2001	15	1987–2001	1	143	384	651	1,150	1,670	2,340	3,200	4,690		
									1, 6	147	388	638	1,080	1,510	2,040	2,670	3,710		
71	06408500	Spring Creek near Hermosa, SD	205	205	52	1950–2001	NA	NA	10	152	410	706	1,270	1,920	3,170	6,150	23,600		
									52	1950–2001	1	58	438	1,240	3,690	7,430	13,900	24,400	48,300
									50	1950–71, 1973–95, 1997–2001	1, 6, 7, 11	92	345	566	845	1,030	1,190	1,320	1,460
72	06408700	Rhoads Fork near Rochford, SD	7.95	7.95	20	1982–2001	NA	NA	10	97	365	611	935	1,180	1,670	4,800	27,000		
									20	1982–2001	1	8	11	13	15	17	19	21	23
73	06408850	Silver Creek near Rochford, SD	6.23	6.23	11	1969–79	NA	NA	10	8	11	13	16	19	188	694	3,860		
									11	1969–79	1	7	11	15	20	24	28	33	40
74	06408900	Heeley Creek near Hill City, SD	4.88	4.88	11	1969–79	NA	NA	10	7	11	15	22	29	163	589	3,320		
									11	1969–79	1	8	14	18	24	29	35	41	50
75	06409000	Castle Creek above Deerfield Reservoir near Hill City, SD	79.2	79.2	53	1949–2001	NA	NA	10	8	14	19	27	36	141	510	2,870		
									53	1949–2001	1	59	132	213	372	549	793	1,130	1,770
									51	1949–51, 1953–68, 1970–2001	1, 11	57	106	148	216	278	351	436	570
76	06410000	Castle Creek below Deerfield Dam, SD	96	96	55	1947–2001	NA	NA	10	58	109	160	249	361	768	2,720	15,300		
									55	1947–2001	1, 2	48	76	96	123	145	167	191	224
77	06410500	Rapid Creek above Pactola Reservoir at Silver City, SD	292	292	48	1954–2001	NA	NA	10	224	518	827	1,390	1,980	2,740	3,720	5,430		
									48	1954–2001	1	230	545	913	1,640	2,540	4,260	7,950	27,100
78	06411500	Rapid Creek below Pactola Dam, SD	320	320	69	1929–42, 1947–2001	NA	NA	10	177	303	406	558	688	833	995	1,240		
									45	1957–2001	1, 2, 5	177	303	406	558	688	833	995	1,240
79	06412500	Rapid Creek above Canyon Lake near Rapid City, SD	371	251	55	1947–2001	NA	NA	10	213	553	999	2,020	3,320	5,340	8,450	15,200		
									44	1957–71, 1973–2001	1, 2, 5, 11	211	407	592	904	1,200	1,570	2,020	2,770
									NA	NA	2, 10	214	421	634	1,020	1,450	2,150	3,750	11,800
80	06413650	Lime Creek at mouth at Rapid City, SD	10	10	17	1981–83, 1988–2001	17	1981–83, 1988–2001	1	95	191	286	452	617	825	1,090	1,530		
									1, 6	92	188	290	482	687	962	1,330	2,000		
									NA	NA	10	93	195	313	547	833	1,280	2,120	5,270
81	06414000	Rapid Creek at Rapid City, SD	410	290	61	1905–06, 1943–2001	45	1957–2001	1, 2, 5	490	1,250	2,240	4,480	7,280	11,600	18,200	32,300		
									44	1957–71, 1973–2001	1, 2, 5, 11	490	968	1,420	2,180	2,920	3,820	4,910	6,730
									NA	NA	2, 10	497	998	1,500	2,400	3,380	4,760	7,240	17,900

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Cheyenne River Basin—Continued																		
82	06421500	Rapid Creek near Farmingdale, SD	602	282	54	1947–58, 1960–2001	45	1957–2001	1, 2, 5	742	1,430	2,080	3,180	4,260	5,580	7,210	9,950	
							44	1957–71, 1973–2001	1, 2, 5, 11	735	1,290	1,750	2,430	3,020	3,680	4,420	5,520	
							NA	NA	2, 10	745	1,330	1,840	2,660	3,480	4,840	8,310	32,700	
83	06421750	Rapid Creek tributary near Farmingdale, SD	1.5	1.5	10	1970–79	10	1970–79	1	8	17	25	39	51	66	84	112	
							NA	NA	10	8	17	27	45	65	96	251	1,420	
							NA	NA	10	8	17	27	45	65	96	251	1,420	
84	06422500	Boxelder Creek near Nemo, SD	96	96	38	1946–47, 1966–2001	38	1946–47, 1966–2001	1	167	620	1,350	3,300	6,130	11,000	19,200	38,800	
							37	1946–47, 1966–71, 1973–2001	1, 6, 7, 11	187	477	768	1,260	1,730	2,280	2,940	3,970	
							NA	NA	10	192	501	836	1,440	2,100	3,120	5,660	17,200	
85	06423010	Boxelder Creek near Rapid City, SD	128	128	21	1981–2001	21	1981–2001	1, 8	40	245	599	1,500	2,670	4,420	6,940	11,800	
							1, 6, 7, 8	47	248	518	1,040	1,550	2,150	2,830	3,850			
							NA	NA	10	51	272	599	1,250	1,990	2,990	5,680	20,400	
86	06423500	Cheyenne River near Wasta, SD	12,800	12,800	73	1915, 1929–32, 1934–2001	73	1915, 1929–32, 1934–2001	1, 2	10,800	20,800	29,100	41,300	51,400	62,600	74,600	92,100	
							56	1946–2001	1, 2, 5, 6, 7	11,300	18,900	24,500	32,000	37,800	43,800	49,900	58,400	
							10	1992–2001	1	135	250	345	484	602	732	874	1,080	
87	06424000	Elk Creek near Roubaix, SD	21.5	21.5	10	1992–2001	NA	NA	10	137	258	364	530	696	967	1,870	6,980	
							23	1979–2001	1	505	1,420	2,360	3,980	5,510	7,320	9,440	12,700	
							NA	NA	10	568	1,480	2,290	3,460	4,490	5,660	7,910	25,900	
88	06425100	Elk Creek near Rapid City, SD	190	190	23	1979–2001	1, 6	553	1,430	2,170	3,220	4,030	4,850	5,670	6,720			
							NA	NA	10	568	1,480	2,290	3,460	4,490	5,660	7,910	25,900	
							52	1950–2001	1	1,010	3,960	7,490	13,900	20,200	27,600	36,200	49,300	
89	06425500	Elk Creek near Elm Springs, SD	540	540	52	1950–2001	1, 6, 7	1,420	3,500	5,320	8,010	10,200	12,600	15,000	18,500			
							NA	NA	10	1,460	3,610	5,590	8,600	11,300	14,600	19,800	48,600	
							55	1947–2001	1, 2	1,390	2,670	3,640	4,980	6,010	7,080	8,170	9,640	
90	06428500	Belle Fourche River at Wyoming-South Dakota State line	3,280	3,280	55	1947–2001	55	1947–2001	1, 2	1,390	2,670	3,640	4,980	6,010	7,080	8,170	9,640	
							19	1975–82, 1991–2001	1	9	13	17	22	27	32	38	47	
							NA	NA	10	9	14	18	25	33	243	1,150	6,480	
91	06429500	Cold Springs Creek at Buckhorn, WY	19	19	19	1975–82, 1991–2001	19	1975–82, 1991–2001	1	9	13	17	22	27	32	38	47	
							NA	NA	10	9	14	18	25	33	243	1,150	6,480	
							NA	NA	10	9	14	18	25	33	243	1,150	6,480	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Cheyenne River Basin—Continued																	
92	06429905	Sand Creek near Ranch A near Beulah, WY	267	267	20	1975–83, 1991–2001	20	1975–83, 1991–2001	1	65	188	347	698	1,130	1,770	2,700	4,620
							19	1975–83, 1991–94, 1996–2001	1, 7, 11	43	127	269	597	1,000	1,590	2,420	4,040
							NA	NA	10	45	140	324	804	1,540	3,530	8,430	32,100
93	06430500	Redwater Creek at Wyoming-South Dakota State line	471	471	52	1929–31, 1936–37, 1955–2001	52	1929–31, 1936–37, 1955–2001	1	217	617	1,090	2,060	3,130	4,600	6,590	10,200
							NA	NA	10	186	619	1,160	2,070	2,890	3,790	4,750	6,080
							NA	NA	10	194	667	1,300	2,430	3,600	5,500	10,700	44,900
94	06430532	Crow Creek near Beulah, WY	40.8	40.8	10	1992–2001	10	1992–2001	1	140	265	373	541	691	863	1,060	1,360
							NA	NA	10	143	274	398	605	827	1,240	2,750	10,300
95	06430770	Spearfish Creek near Lead, SD	63.5	63.5	13	1989–2001	13	1989–2001	1	63	107	143	196	241	291	347	430
							NA	NA	10	63	110	152	220	298	655	2,380	13,400
96	06430800	Annie Creek near Lead, SD	3.55	3.55	13	1989–2001	13	1989–2001	1	22	56	96	177	269	398	576	918
							NA	NA	10	23	59	107	211	347	568	1,040	2,800
97	06430850	Little Spearfish Creek near Lead, SD	25.8	25.8	13	1989–2001	13	1989–2001	1	27	45	60	83	103	126	151	191
							NA	NA	10	27	46	64	94	130	324	1,380	7,790
98	06430898	Cleopatra Creek near Spearfish, SD	6.95	6.95	13	1989–2001	13	1989–2001	1	47	142	259	504	785	1,180	1,730	2,760
							NA	NA	10	49	150	287	581	958	1,550	2,580	5,430
99	06431500	Spearfish Creek at Spearfish, SD	168	168	56	1904, 1947–2001	56	1904, 1947–2001	1	235	646	1,180	2,400	3,910	6,220	9,700	17,000
							NA	NA	10	176	620	1,270	2,550	3,870	5,520	7,490	10,600
							NA	NA	10	184	674	1,440	2,970	4,730	7,170	11,300	25,700
100	06432200	Polo Creek near White-wood, SD	10.6	10.6	17	1956–72	17	1956–72	1	185	523	896	1,580	2,280	3,170	4,260	6,110
							NA	NA	10	190	541	944	1,700	2,530	3,660	5,360	8,780
101	06432230	Miller Creek near White-wood, SD	6.72	6.72	12	1956–67	12	1956–67	1, 8	8	150	627	2,630	6,340	13,500	26,400	57,300
							NA	NA	10	14	139	311	573	760	922	1,050	1,190
							NA	NA	10	16	152	339	622	835	1,030	1,330	3,480
102	06433000	Redwater River above Belle Fourche, SD	920	920	56	1946–2001	56	1946–2001	1	684	1,760	3,060	5,830	9,080	13,800	20,500	34,000
							55	1946–61, 1963–2001	1, 11	660	1,570	2,600	4,640	6,890	9,980	14,200	22,100
							NA	NA	10	677	1,660	2,900	5,490	8,860	14,300	26,500	74,100
103	06433500	Hay Creek at Belle Fourche, SD	121	121	43	1954–96	43	1954–96	1	64	207	388	771	1,210	1,820	2,660	4,220
							NA	NA	10	67	223	450	968	1,680	3,160	6,470	20,900
104	06434800	Owl Creek tributary near Belle Fourche, SD	3.06	3.06	10	1970–79	10	1970–79	1	44	98	151	240	326	430	556	762
							NA	NA	10	45	102	162	268	384	547	868	2,310

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Cheyenne River Basin—Continued																		
105	06436000	Belle Fourche River near Fruitdale, SD	4,540	4,540	56	1946–2001	56	1946–2001	1, 2	1,260	4,990	9,250	16,600	23,300	30,900	39,200	51,200	
									1, 2, 6, 7	1,540	4,700	7,340	10,800	13,200	15,400	17,400	19,600	
106	06436156	Whitetail Creek at Lead, SD	6.15	6.15	13	1989–2001	13	1989–2001	1	46	122	212	396	603	892	1,290	2,040	
							NA	NA	10	47	129	234	458	743	1,190	1,840	4,530	
107	06436180	Whitewood Creek above Whitewood, SD	56.3	56.3	19	1983–2001	19	1983–2001	1	352	876	1,450	2,530	3,680	5,180	7,120	10,600	
							20	1982–2001	1, 9	390	1,030	1,750	3,140	4,650	6,650	9,300	14,100	
							NA	NA	10	399	1,070	1,870	3,450	5,310	8,030	12,500	22,800	
108	06436190	Whitewood Creek near Whitewood, SD	77.4	77.4	20	1982–2001	20	1982–2001	1	475	1,350	2,340	4,220	6,180	8,720	12,000	17,600	
									1, 6, 7	499	1,360	2,290	3,980	5,690	7,840	10,500	15,000	
							NA	NA	10	512	1,410	2,430	4,320	6,400	9,260	13,600	23,900	
109	06436198	Whitewood Creek above Vale, SD	102	102	19	1983–2001	19	1983–2001	1	568	1,680	2,990	5,550	8,290	11,900	16,700	25,000	
							20	1982–2001	1, 6, 7, 8, 13	719	2,060	3,440	5,790	7,990	10,600	13,600	18,200	
							NA	NA	10	738	2,120	3,600	6,170	8,760	12,100	16,700	27,200	
110	06436700	Indian Creek near Arpan, SD	315	315	20	1962–81	20	1962–81	1	745	2,720	5,200	10,200	15,400	22,400	31,200	46,200	
									1, 6, 7	788	2,600	4,790	9,060	13,600	19,500	27,000	39,900	
							NA	NA	10	819	2,730	5,160	9,960	15,500	23,300	35,500	61,600	
111	06436760	Horse Creek above Vale, SD	464	464	21	1981–2001	21	1981–2001	1	1,260	3,920	7,110	13,400	20,300	29,300	41,200	62,100	
							40	1962–2001	1	1,110	3,220	5,660	10,400	15,400	22,000	30,500	45,500	
									1, 7, 9	1,210	3,210	5,420	9,610	14,000	19,700	27,100	40,000	
							NA	NA	10	1,250	3,340	5,810	10,600	16,100	24,000	36,700	68,000	
112	06436800	Horse Creek near Vale, SD	530	530	19	1962–80	19	1962–80	1	1,050	2,600	4,220	7,130	10,100	13,700	18,300	26,000	
							40	1962–2001	1, 3	1,170	3,120	5,260	9,270	13,400	18,800	25,600	37,500	
							NA	NA	10	1,200	3,250	5,650	10,300	15,500	23,100	35,200	67,100	
113	06437000	Belle Fourche River near Sturgis, SD	5,870	5,870	56	1946–2001	56	1946–2001	1, 2	4,240	9,180	13,900	21,700	29,100	38,000	48,700	65,800	
114	06437020	Bear Butte Creek near Deadwood, SD	16.6	16.6	13	1989–2001	13	1989–2001	1	128	407	764	1,530	2,410	3,670	5,420	8,760	
							NA	NA	10	133	429	832	1,700	2,800	4,500	7,360	12,300	
115	06437100	Boulder Creek near Deadwood, SD	1.32	1.32	25	1956–80	25	1956–80	1	38	109	186	326	466	640	853	1,200	
									1, 6	39	110	182	304	419	554	711	954	
							NA	NA	10	41	114	192	329	468	650	856	1,670	
116	06437500	Bear Butte Creek near Sturgis, SD	192	192	39	1946–72, 1990–2001	39	1946–72, 1990–2001	1	524	1,980	3,960	8,240	13,200	20,100	29,600	47,100	
									1, 6	533	1,980	3,910	7,940	12,500	18,600	26,800	41,500	
							NA	NA	10	558	2,100	4,240	8,750	14,200	22,200	34,800	61,100	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Cheyenne River Basin—Continued																	
117	06438000	Belle Fourche River near Elm Springs, SD	7,210	7,210	72	1929–32, 1934–2001	72	1929–32, 1934–2001	1, 2	8,260	19,400	29,500	45,200	59,000	74,300	91,300	116,000
							56	1946–2001	1, 2, 5, 6, 7, 8	6,760	17,300	26,400	39,300	49,500	59,900	70,300	84,000
118	06438500	Cheyenne River near Plainview, SD	21,640	21,640	38	1951–81, 1995–2001	38	1951–81, 1995–2001	1, 2	14,700	28,400	39,900	57,200	72,100	88,700	107,000	134,000
							56	1946–2001	1, 2, 7, 8, 13	15,500	30,000	41,800	57,800	70,400	83,200	96,300	114,000
119	06439000	Cherry Creek near Plainview, SD	1,190	1,190	56	1946–2001	56	1946–2001	1	1,550	3,990	6,450	10,600	14,600	19,400	25,100	34,100
120	06439050	Cherry Creek tributary near Avance, SD	.6	.6	25	1956–80	25	1956–80	1	24	70	126	237	358	523	741	1,140
121	06439060	Cherry Creek tributary no. 2 near Avance, SD	.11	.11	18	1956–73	18	1956–73	1	7	23	44	90	145	225	339	560
122	06439080	Cherry Creek tributary no. 3 near Avance, SD	4.58	4.58	25	1956–80	25	1956–80	1	59	303	700	1,680	2,920	4,790	7,480	12,800
123	06439100	Beaver Creek near Faith, SD	37.1	37.1	25	1956–80	25	1956–80	1	161	671	1,440	3,270	5,590	9,080	14,200	24,600
124	06439300	Cheyenne River at Cherry Creek, SD	23,900	23,900	34	1961–94	34	1961–94	1, 2	14,400	27,900	38,800	54,600	67,700	81,800	97,000	119,000
							49	1946–94	1, 2, 9	15,000	28,200	39,000	54,400	67,200	81,000	95,800	117,000
							56	1946–2001	1, 2, 7, 9, 13	17,400	30,200	39,900	53,200	63,800	75,000	86,800	103,000
125	06439400	Plum Creek tributary near Milesville, SD	.5	0.5	10	1970–79	10	1970–79	1	12	39	78	171	291	479	767	1,380
126	06439430	Cottonwood Creek near Cherry Creek, SD	120	120	17	1983–99	17	1983–99	1	341	1,390	2,800	5,780	9,090	13,600	19,400	29,600
Minor tributary to Missouri River (Group 4)																	
127	06439960	Chantier Creek near Hayes, SD	21.5	21.5	12	1990–2001	12	1990–2001	1	913	3,220	5,960	11,100	16,300	22,800	30,700	43,400
							11	1990–92, 1994–2001	1, 5	741	2,440	4,330	7,710	11,000	14,900	19,600	26,800
							11	1990–92, 1994–2001	1, 5, 7	864	2,210	3,520	5,700	7,720	10,100	12,800	17,000
Bad River Basin																	
128	06440200	South Fork Bad River near Cottonwood, SD	250	250	13	1989–2001	13	1989–2001	1	1,670	4,440	7,350	12,500	17,600	24,000	31,700	44,300
							56	1946–2001	3	1,560	3,810	6,050	9,870	13,500	17,900	23,100	31,400
129	06440850	Medicine Creek near Philip, SD	56.5	56.5	12	1990–2001	12	1990–2001	1	171	431	684	1,100	1,480	1,930	2,440	3,230

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Bad River Basin—Continued																		
130	06441000	Bad River near Midland, SD	1,460	1,460	56	1946–2001	56	1946–2001	1	2,350	5,920	9,260	14,600	19,200	24,500	30,300	38,900	
131	06441100	Plum Creek near Hayes, SD	24.5	24.5	12	1989–2001	13	1989–2001	1	2,480	5,340	8,260	13,500	18,800	25,600	34,300	49,300	
132	06441110	Plum Creek below Hayes, SD	252	252	10	1990–95, 1998–2001	10	1990–95, 1998–2001	1	133	415	747	1,390	2,060	2,930	4,040	5,940	
133	06441200	Powell Creek tributary near Fort Pierre, SD	.4	.4	10	1970–79	10	1970–79	1	3,100	6,210	9,030	13,600	17,800	22,700	28,600	37,800	
134	06441500	Bad River near Fort Pierre, SD	3,107	3,107	74	1905, 1927, 1929–32, 1934–2001	74	1905, 1927, 1929–32, 1934–2001	1	30	90	158	286	417	582	789	1,140	
134	06441500	Bad River near Fort Pierre, SD	3,107	3,107	74	1905, 1927, 1929–32, 1934–2001	74	1905, 1927, 1929–32, 1934–2001	1	6,260	14,500	22,400	35,500	47,700	62,300	79,300	106,000	
Minor tributary to Missouri River (Group 5)																		
135	06441530	Hilgers Gulch tributary near Pierre, SD	1.33	1.33	12	1968–79	12	1968–79	1	29	136	288	609	962	1,430	2,020	3,010	
136	06441580	Hilgers Gulch at Pierre, SD	6.49	6.49	13	1967–79	13	1967–79	1	1, 7	42	121	202	337	462	607	772	1,020
136	06441580	Hilgers Gulch at Pierre, SD	6.49	6.49	13	1967–79	13	1967–79	1	101	593	1,440	3,580	6,360	10,600	16,600	28,500	
137	06441650	Mush Creek near Pierre, SD	14.2	14.2	25	1956–80	25	1956–80	1	1, 7	141	602	1,220	2,510	3,910	5,760	8,110	12,100
137	06441650	Mush Creek near Pierre, SD	14.2	14.2	25	1956–80	25	1956–80	1	287	1,420	3,180	7,350	12,500	19,900	30,200	49,900	
138	06441670	Missouri River tributary near Pierre, SD	.42	.42	19	1956–74	19	1956–74	1	1, 6, 7	370	1,530	2,860	5,120	7,140	9,360	11,700	15,000
138	06441670	Missouri River tributary near Pierre, SD	.42	.42	19	1956–74	19	1956–74	1	57	177	321	606	916	1,330	1,870	2,840	
139	06441750	Missouri River tributary near Canning, SD	.2	.2	19	1956–74	19	1956–74	1	72	146	205	287	352	420	490	585	
140	06442000	Medicine Knoll Creek near Blunt, SD	317	317	48	1950–97	48	1950–97	1	78	564	1,510	4,190	7,940	14,000	23,200	42,300	
140	06442000	Medicine Knoll Creek near Blunt, SD	317	317	48	1950–97	48	1950–97	1	1, 6, 7	95	578	1,410	3,480	6,110	9,980	15,400	25,800
141	06442050	Missouri River tributary near De Grey, SD	1.73	1.73	25	1956–80	25	1956–80	1	172	459	746	1,230	1,680	2,200	2,810	3,750	
141	06442050	Missouri River tributary near De Grey, SD	1.73	1.73	25	1956–80	25	1956–80	1	1, 6, 7	193	454	687	1,040	1,340	1,670	2,030	2,550
142	06442350	North Fork Medicine Creek near Vivian, SD	47	47	25	1956–80	25	1956–80	1	58	209	411	850	1,360	2,080	3,070	4,920	
143	06442380	Medicine Creek tributary near Vivian, SD	.3	.3	18	1956–73	18	1956–73	1	32	98	177	333	503	730	1,030	1,560	
144	06442400	Medicine Creek tributary no. 2 near Vivian, SD	9.21	9.21	25	1956–80	25	1956–80	1	75	168	257	407	551	725	934	1,270	
145	06442500	Medicine Creek at Kennebec, SD	464	464	44	1955–97, 2001	44	1955–97, 2001	1	869	3,840	7,710	15,400	23,300	33,200	45,100	64,300	
145	06442500	Medicine Creek at Kennebec, SD	464	464	44	1955–97, 2001	44	1955–97, 2001	1	1, 6, 7	972	3,560	6,560	12,000	17,300	23,700	31,100	42,600
146	06442718	Campbell Creek near Lee's Corner, SD	54.1	54.1	14	1988–2001	14	1988–2001	1	1,290	2,390	3,290	4,620	5,760	7,020	8,410	10,500	
147	06442850	Elm Creek tributary near Ree Heights, SD	.7	.7	11	1969–79	11	1969–79	1	8	21	35	59	82	110	145	202	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Minor tributary to Missouri River (Group 5)—Continued																	
148	06442900	Elm Creek near Gann Valley, SD	381	381	12	1988–99	12	1988–99	1	1,240	2,720	4,180	6,680	9,120	12,100	15,800	21,900
149	06442950	Crow Creek near Gann Valley, SD	670	670	13	1972–84	13	1972–84	1	806	1,720	2,540	3,850	5,040	6,410	7,980	10,400
White River Basin																	
150	06445685	White River near Nebraska-South Dakota State line	1,440	1,440	14	1988–2001	14	1988–2001	1	772	1,600	2,390	3,760	5,100	6,740	8,780	12,200
							26	1962–73, 1988–2001	1, 9	841	2,190	3,890	7,580	12,000	18,600	28,300	48,100
151	06445980	White Clay Creek near Oglala, SD	340	340	30	1966–81, 1988–2001	30	1966–81, 1988–2001	1	137	317	496	805	1,100	1,470	1,910	2,640
							26 (54)	1962–73, 1988–2001 (1948–2001)	1, 9, 14	811	1,960	3,300	6,030	9,140	13,500	19,600	31,400
152	06446000	White River near Oglala, SD	2,200	2,200	58	1944–2001	58	1944–2001	1	915	1,780	2,490	3,550	4,450	5,450	6,540	8,140
153	06446250	Porcupine Creek tributary near Rockyford, SD	1.65	1.65	11	1968, 1970–79	11	1968, 1970–79	1	264	463	619	842	1,030	1,230	1,440	1,760
154	06446400	Cain Creek tributary at Imlay, SD	15.8	15.8	25	1956–80	25	1956–80	1	650	1,290	1,880	2,830	3,720	4,770	6,020	8,030
155	06446430	White River tributary near Conata, SD	.17	.17	17	1956–58, 1960–73,	17	1956–58, 1960–73,	1	110	198	274	395	505	634	785	1,020
156	06446550	White River tributary near Interior, SD	.32	.32	25	1956–80	25	1956–80	1	193	374	522	739	920	1,120	1,330	1,640
157	06447000	White River near Kadoka, SD	5,000	5,000	60	1942–2001	60	1942–2001	1	9,000	14,200	18,000	23,100	27,100	31,200	35,400	41,400
158	06447500	Little White River near Martin, SD	310	230	43	1938–40, 1962–2001	43	1938–40, 1962–2001	1	196	431	669	1,090	1,510	2,050	2,720	3,870
159	06448000	Lake Creek above Refuge near Tuthill, SD	58	23	26	1938–40, 1962–78, 1996–2001	26	1938–40, 1962–78, 1996–2001	1	85	121	145	174	196	217	239	267
160	06449000	Lake Creek below Refuge near Tuthill, SD	120	60	42	1938–40, 1963–2001	42	1938–40, 1963–2001	1, 2	87	137	181	254	322	405	505	671
161	06449100	Little White River near Vetal, SD	590	415	42	1960–2001	42	1960–2001	1	313	654	1,010	1,660	2,330	3,220	4,370	6,430
162	06449250	Spring Creek near St. Francis, SD	57	10	15	1960–74	15	1960–74	1	36	53	65	80	92	105	117	135
163	06449300	Little White River above Rosebud, SD	890	630	18	1982–99	18	1982–99	1	537	918	1,250	1,780	2,260	2,820	3,490	4,550
							58	1944–2001	1, 3	592	1,050	1,450	2,110	2,720	3,450	4,330	5,760

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
White River Basin—Continued																	
164	06449400	Rosebud Creek at Rosebud, SD	50.8	50.8	23	1975–97	23	1975–97	1	85	241	433	834	1,300	1,950	2,860	4,600
									1, 6, 7	93	253	426	745	1,070	1,480	1,990	2,860
165	06449500	Little White River near Rosebud, SD	1,020	760	58	1944–2001	58	1944–2001	1	703	1,460	2,240	3,660	5,110	6,990	9,420	13,700
									1, 6, 7, 8	631	1,540	2,370	3,650	4,750	5,970	7,300	9,220
166	06449700	Little Oak Creek near Mission, SD	2.58	2.58	25	1956–80	25	1956–80	1	32	135	306	765	1,420	2,510	4,290	8,360
									1, 6, 7, 8	24	135	317	756	1,290	2,070	3,140	5,140
167	06449750	West Branch Horse Creek near Mission, SD	6.31	6.31	15	1956–70	15	1956–70	1	28	120	270	664	1,210	2,110	3,540	6,730
168	06450500	Little White River below White River, SD	1,570	1,310	56	1930–32, 1939–40, 1951–2001	56	1930–32, 1939–40, 1951–2001	1	1,840	4,070	6,330	10,400	14,400	19,600	26,100	37,200
									1, 6, 7, 8	1,510	4,040	6,500	10,500	14,000	18,100	22,600	29,400
169	06451750	Cottonwood Creek tributary near Winner, SD	4	4	10	1971–80	10	1971–80	1	69	142	207	307	395	496	609	780
170	06452000	White River near Ocoma, SD	10,200	9,940	73	1929–2001	73	1929–2001	1	11,300	19,900	26,900	37,200	46,000	55,700	66,400	82,400
Minor tributary to Missouri River (Group 6)																	
171	06452250	Fivemile Creek tributary near Iona, SD	2.35	2.35	10	1970–79	10	1970–79	1	36	64	86	116	139	165	191	228
172	06452320	Platte Creek near Platte, SD	741	741	13	1989–2001	13	1989–2001	1	383	1,720	3,650	8,010	13,200	20,400	30,300	48,600
									3, 6	356	1,330	2,370	4,080	5,570	7,200	8,920	11,300
173	06453150	Choteau Creek tributary near Tripp, SD	.54	.54	10	1970–79	10	1970–79	1	30	86	147	260	374	518	696	994
174	06453250	Choteau Creek tributary near Wagner, SD	15.6	15.6	10	1970–79	10	1970–79	1	34	85	139	234	329	447	593	836
									3	49	117	186	304	418	557	726	1,000
175	06453255	Choteau Creek near Avon, SD	602	602	19	1983–2001	19	1983–2001	1	1,040	2,960	5,130	9,240	13,500	19,000	26,000	38,100
									3	707	2,160	3,670	6,220	8,570	11,300	14,300	18,900
176	06453400	Ponca Creek near Naper, NE	373	373	14	1961–74	14	1961–74	1	714	1,570	2,360	3,670	4,870	6,280	7,940	10,500
177	06463900	Antelope Creek near Mission, SD	60	60	12	1990–2001	12	1990–2001	1	53	68	78	91	101	111	121	135
178	06464100	Keya Paha River near Keyapaha, SD	466	466	20	1982–2001	20	1982–2001	1	500	877	1,160	1,570	1,890	2,230	2,590	3,100
179	06464500	Keya Paha River at Wewela, SD	1,070	1,070	54	1939–40, 1950–2001	54	1939–40, 1950–2001	1	776	1,680	2,540	3,940	5,240	6,800	8,620	11,500

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
James River Basin																	
180	06471000	James River at Columbia, SD	5,857	2,481	56	1946–2001	56	1946–2001	1, 2	580	1,700	2,740	4,290	5,550	6,860	8,190	9,960
181	06471050	Elm River tributary near Leola, SD	18	18	25	1956–80	25	1956–80	1	601	1,700	2,640	3,230	4,900	5,840	6,740	7,850
182	06471200	Maple River at North Dakota-South Dakota State line	716	384	45	1957–2001	45	1957–2001	1	475	1,630	2,950	5,350	7,710	10,600	14,000	19,300
183	06471350	Maple River at Frederick, SD	755	423	14	1956–69	14	1956–69	1	300	1,250	2,580	5,540	9,010	13,900	20,600	33,000
184	06471400	Willow Creek tributary near Leola, SD	6.69	6.69	25	1956–80	25	1956–80	1	493	1,590	2,790	4,910	6,950	9,380	12,200	16,600
185	06471450	Willow Creek tributary near Barnard, SD	.26	.26	21	1956–76	21	1956–76	1	16	39	62	103	145	198	265	379
186	06471500	Elm River at Westport, SD	1,493	1,049	55	1947–2001	55	1947–2001	1	6	18	30	49	67	87	110	145
187	06472000	James River near Stratford, SD	8,865	4861	26	1950–72, 1977, 1997, 2001	26	1950–72, 1977, 1997, 2001	1	781	3,090	5,930	11,300	16,800	23,400	31,400	44,000
									1, 7	1,020	3,150	5,280	8,680	11,600	14,800	18,300	23,100
							62	1929–32, 1944–2001	1, 7, 13	639	1,610	2,610	4,360	6,070	8,180	10,800	15,000
188	06472200	Mud Creek tributary near Groton, SD	56.7	56.7	17	1960–69, 1974–80	17	1960–69, 1974–80	1	30	114	221	433	657	944	1,300	1,900
189	06472250	Mud Creek tributary no. 2 near Groton, SD	75.8	75.8	21	1960–80	21	1960–80	1	38	128	233	429	626	871	1,170	1,650
190	06472500	Mud Creek near Stratford, SD	738	674	19	1956–73, 1977	19	1956–73, 1977	1	50	262	587	1,320	2,190	3,380	4,960	7,780
191	06473000	James River at Ashton, SD	9,742	5,673	56	1946–2001	56	1946–2001	1	751	1,950	3,180	5,330	7,400	9,940	13,000	17,900
							56	1946–2001	1, 14	733	1,860	2,990	4,940	6,810	9,060	11,700	16,000
							(121)	(1881–2001)									
192	06473300	Preachers Run tributary at Ipswich, SD	7.88	7.88	13	1971–80, 1999–2001	13	1971–80, 1999–2001	1	17	42	64	100	133	170	212	276
193	06473350	South Fork Snake Creek tributary near Seneca, SD	4.54	4.54	10	1971–80	10	1971–80	1	18	35	46	62	74	86	99	115
194	06473500	South Fork Snake Creek near Athol, SD	1,743	1,695	24	1950–73	24	1950–73	1	108	635	1,580	4,140	7,660	13,300	21,900	39,800
									1, 7	120	652	1,550	3,840	6,840	11,400	18,200	32,000

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
James River Basin—Continued																	
195	06473700	Snake Creek near Ashton, SD	2,657	2,609	26	1956–72, 1977–79, 1985–89, 1997	26	1956–72, 1977–79, 1985–89, 1997	1	237	1,410	3,410	8,450	14,900	24,400	38,100	64,200
							26 (55)	1956–72, 1977–79, 1985–89, 1997 (1947–2001)	1, 14	218	1,200	2,760	6,500	11,100	17,600	26,600	43,400
196	06473750	Wolf Creek near Ree Heights, SD	334	334	27	1960–81, 1985–89	27	1960–81, 1985–89	1, 8	15	155	460	1,340	2,560	4,430	7,130	12,300
197	06473800	Matter Creek tributary near Orient, SD	5.41	5.41	16	1956–71	16	1956–71	1	14	96	241	612	1,080	1,780	2,770	4,640
									1, 6	15	96	233	562	957	1,510	2,250	3,560
198	06473820	Shaefer Creek near Orient, SD	51.3	51.3	25	1956–80	25	1956–80	1	65	258	520	1,080	1,730	2,620	3,810	5,980
199	06473850	Shaefer Creek tributary near Orient, SD	5.17	5.17	25	1956–80	25	1956–80	1	28	90	159	280	396	535	697	950
200	06473880	Shaefer Creek tributary near Miller, SD	5.95	5.95	25	1956–80	25	1956–80	1	17	62	122	244	380	561	799	1,220
201	06474000	Turtle Creek near Tulare, SD	1,124	1,124	36	1954–56, 1966–81, 1985–2001	36	1954–56, 1966–81, 1985–2001	1	189	1,640	4,550	12,400	22,600	37,700	59,000	98,300
							53	1946–81, 1985–2001	1, 7, 13	288	1,470	3,270	6,750	10,600	15,700	22,000	32,500
202	06474300	Medicine Creek near Zell, SD	202	202	27	1960–81, 1985–89	27	1960–81, 1985–89	1	120	599	1,320	2,940	4,820	7,430	10,900	17,100
									1, 7, 8	157	589	1,140	2,240	3,420	4,970	6,950	10,300
203	06474500	Turtle Creek at Redfield, SD	1,481	1,481	28	1946–72, 1997	28	1946–72, 1997	1	251	1,500	3,780	10,000	18,700	32,700	54,300	100,000
							53	1946–81, 1985–2001	1, 7, 8, 13	311	1,630	3,520	7,480	11,700	17,200	23,800	34,700
204	06475000	James River near Redfield, SD	13,911	9,793	52	1950–2001	52	1950–2001	1	1,120	3,090	5,120	8,600	11,900	15,800	20,400	27,500
							52 (121)	1950–2001 (1881–2001)	1, 7, 14	1,120	2,800	4,540	7,630	10,700	14,500	19,200	27,000
205	06475500	Dry Run near Frankfort, SD	201	201	23	1956–78	23	1956–78	1, 8	9	114	382	1,260	2,580	4,760	8,120	15,000
									1, 6, 7, 8	8	121	370	1,010	1,740	2,680	3,790	5,460

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
James River Basin—Continued																	
206	06475550	Dry Run tributary near Frankfort, SD	4.19	4.19	13	1967–79	13	1967–79	1	16	47	83	154	229	327	455	680
207	06475850	Foster Creek tributary near Carpenter, SD	4.93	4.93	12	1972–80, 1999–2001	12	1972–80, 1999–2001	1	27	69	112	183	249	326	416	555
208	06475950	Shue Creek tributary near Yale, SD	6.9	6.9	12	1968–79	12	1968–79	1	12	40	72	130	186	254	333	457
209	06476000	James River at Huron, SD	15,869	11,721	62	1929–32, 1944–2001	62	1929–32, 1944–2001	1	1,600	4,000	6,430	10,700	14,800	19,800	25,900	35,900
							62 (121)	1929–32, 1944–2001 (1881–2001)	1, 6, 14	1,570	3,820	6,080	10,000	13,700	18,300	23,800	32,700
210	06476500	Sand Creek near Alpena, SD	261	261	48	1950–97	48	1950–97	1	279	994	1,750	2,970	4,030	5,170	6,390	8,060
							48	1950–97	1, 6, 7	313	909	1,480	2,350	3,080	3,870	4,700	5,840
211	06477000	James River near Forestburg, SD	17,590	13,442	52	1950–2001	52	1950–2001	1	1,880	5,560	9,500	16,500	23,200	31,300	40,900	56,000
							52 (121)	1950–2001 (1881–2001)	1, 6, 14	1,840	5,260	8,800	14,800	20,500	27,100	34,700	46,500
212	06477140	Rock Creek tributary near Roswell, SD	5.67	5.67	10	1970–79	10	1970–79	1	45	104	157	239	310	389	475	602
213	06477150	Rock Creek near Fulton, SD	240	240	26	1967–79, 1989–2001	26	1967–79, 1989–2001	1	187	1,120	2,630	6,130	10,200	15,900	23,400	36,600
							26	1967–79, 1989–2001	1, 6, 7	283	1,120	2,010	3,410	4,560	5,740	6,940	8,470
214	06477400	Firesteel Creek tributary near Wessington Springs, SD	.22	.22	12	1968–79	12	1968–79	1	18	34	46	63	77	92	106	127
215	06477500	Firesteel Creek near Mount Vernon, SD	521	521	46	1956–2001	46	1956–2001	1	449	2,640	5,790	12,200	18,600	26,500	35,600	49,400
							46	1956–2001	1, 6, 7	586	2,280	4,090	6,940	9,340	11,800	14,400	17,700
216	06478000	James River near Mitchell, SD	19,064	14,916	14	1954–58, 1966–72, 1995, 1997	14	1954–58, 1966–72, 1995, 1997	1	2,320	6,920	12,500	24,100	37,100	55,000	79,400	125,000
							73 (121)	1929–2001 (1881–2001)	1, 7, 13, 14	1,920	5,080	8,500	14,800	21,200	29,500	39,800	57,500
217	06478050	Enemy Creek tributary near Mount Vernon, SD	3.38	3.38	11	1969–79	11	1969–79	1	28	59	85	125	160	198	241	304
218	06478052	Enemy Creek near Mitchell, SD	163	163	25	1976–87, 1989–2001	25	1976–87, 1989–2001	1	265	2,020	5,060	12,100	20,000	30,500	43,600	64,800
							25	1976–87, 1989–2001	1, 6, 7	414	1,530	2,760	4,810	6,650	8,680	10,900	14,000
219	06478200	Coffee Creek tributary near Parkston, SD	.81	.81	12	1968–79	12	1968–79	1	23	45	65	96	124	156	193	250

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
James River Basin—Continued																		
220	06478250	North Branch Dry Creek tributary near Parkston, SD	3.19	3.19	12	1956–67	12	1956–67	1	19	118	290	729	1,300	2,160	3,390	5,810	
									1, 7	24	119	265	600	997	1,560	2,320	3,700	
221	06478260	North Branch Dry Creek near Parkston, SD	54.1	54.1	23	1956–78	23	1956–78	1	87	422	937	2,150	3,650	5,810	8,850	14,600	
222	06478280	South Branch Dry Creek near Parkston, SD	25.8	25.8	25	1956–80	25	1956–80	1	51	183	364	766	1,250	1,940	2,920	4,810	
223	06478300	Dry Creek near Parkston, SD	97.2	97.2	34	1956–80, 1989–97	34	1956–80, 1989–97	1	117	639	1,500	3,660	6,400	10,500	16,400	28,000	
									1, 6, 7	98	632	1,480	3,380	5,500	8,280	11,800	17,400	
224	06478390	Wolf Creek near Clayton, SD	396	396	26	1976–2001	26	1976–2001	1	602	2,260	4,270	8,060	11,900	16,600	22,300	31,400	
									1, 7	686	2,180	3,830	6,760	9,600	13,000	17,100	23,400	
225	06478400	Lonetree Creek tributary near Kaylor, SD	3.65	3.65	10	1970–79	10	1970–79	1	32	54	71	94	114	135	157	189	
226	06478500	James River near Scotland, SD	20,653	16,505	73	1929–2001	73	1929–2001	1	2,410	6,440	10,900	19,100	27,600	38,600	52,400	76,200	
							73	1929–2001	1, 14	2,350	6,130	10,200	17,600	25,200	34,800	46,800	67,200	
							(121)	(1881–2001)										
Vermillion River Basin																		
227	06478540	Little Vermillion River near Salem, SD	78.6	78.6	35	1967–2001	35	1967–2001	1	106	511	1,040	2,070	3,100	4,340	5,780	7,990	
228	06478630	West Fork Vermillion River near De Smet, SD	5.34	5.34	10	1970–79	10	1970–79	1	10	25	41	67	93	123	159	216	
229	06478650	West Fork Vermillion River tributary near Monroe, SD	2.74	2.74	11	1969–79	11	1969–79	1	39	70	96	136	171	212	258	329	
230	06478690	West Fork Vermillion River near Parker, SD	377	377	40	1962–2001	40	1962–2001	1	678	2,120	3,740	6,750	9,760	13,500	18,100	25,600	
									1, 7	781	2,150	3,560	5,980	8,280	11,000	14,200	19,300	
231	06478800	Saddlerock Creek near Canton, SD	13	13	23	1956–78	23	1956–78	1	72	241	452	883	1,360	2,000	2,850	4,360	
232	06478820	Saddlerock Creek tributary near Beresford, SD	2.22	2.22	25	1956–80	25	1956–80	1	16	46	79	138	196	269	356	499	
233	06478840	Saddlerock Creek near Beresford, SD	23.1	23.1	24	1956–70, 1972–80	24	1956–70, 1972–80	1	65	263	556	1,260	2,140	3,480	5,450	9,430	
234	06478950	Ash Creek near Beresford, SD	5	5	11	1969–79	11	1969–79	1	237	518	758	1,110	1,410	1,730	2,080	2,570	
235	06479000	Vermillion River near Wakonda, SD	2,170	1,676	56	1946–2001	56	1946–2001	1	1,500	3,930	6,390	10,600	14,600	19,300	24,900	33,700	
236	06479010	Vermillion River near Vermillion, SD	2,302	1,808	18	1984–2001	18	1984–2001	1	2,050	5,000	8,040	13,400	18,700	25,300	33,500	47,000	
							56	1946–2001	3	1,590	3,770	5,970	9,810	13,600	18,200	23,800	33,100	
237	06479020	Smoky Run near Irene, SD	4.96	4.96	11	1969–79	11	1969–79	1	18	37	54	81	105	133	165	213	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Big Sioux River Basin																		
238	06479200	Big Sioux River near Ortley, SD	53.8	53.8	13	1956–68	13	1956–68	1	141	394	655	1,100	1,530	2,030	2,610	3,530	
239	06479215	Big Sioux River near Florence, SD	638	67.9	18	1984–2001	18	1984–2001	1	351	1,130	1,910	3,170	4,260	5,460	6,740	8,530	
240	06479240	Big Sioux River tributary no. 2 near Summit, SD	.26	.26	18	1956–73	18	1956–73	1	9	25	40	68	93	123	159	214	
241	06479260	Big Sioux River tributary no. 3 near Summit, SD	6.61	6.61	23	1956–78	23	1956–78	1	94	331	591	1,040	1,440	1,910	2,420	3,180	
242	06479350	Soo Creek tributary near South Shore, SD	1.56	1.56	10	1970–79	10	1970–79	1	44	129	222	388	552	754	999	1,400	
243	06479438	Big Sioux River near Watertown, SD	1,007	228	29	1973–2001	29	1973–2001	1	885	2,820	4,830	8,200	11,200	14,700	18,500	24,200	
							29	1973–2001	1, 6, 14	843	2,530	4,190	6,790	9,040	11,500	14,100	17,700	
							(121)	(1881–2001)										
244	06479500	Big Sioux River at Watertown, SD	1,129	350	30	1946–72, 1997, 2000–2001	30	1946–72, 1997, 2000–01	1, 2	343	1,250	2,240	3,900	5,400	7,060	8,860	11,400	
							48	1954–2001	3	282	1,030	1,850	3,230	4,485	5,890	7,430	9,640	
245	06479515	Willow Creek near Watertown, SD	109	109	18	1972–86, 1997, 2000–2001	18	1972–86, 1997, 2000–01	1	636	1,480	2,240	3,370	4,340	5,390	6,540	8,180	
							18 (30)	1972–86, 1997, 2000–01	1, 14	610	1,380	2,040	3,020	3,850	4,740	5,700	7,050	
							(1972–2001)											
246	06479525	Big Sioux River near Castlewood, SD	1,997	570	25	1977–2001	25	1977–2001	1, 2	880	1,810	2,570	3,640	4,500	5,410	6,360	7,680	
247	06479529	Stray Horse Creek near Castlewood, SD	74.5	74.5	17	1969–85	17	1969–85	1	832	2,320	3,910	6,790	9,660	13,200	17,600	24,800	
							17 (33)	1969–85	1, 14	783	2,020	3,280	5,440	7,510	10,000	13,000	17,700	
							(1969–2001)											
248	06479550	Dolph Creek tributary near Lake Norden, SD	5.91	5.91	10	1970–79	10	1970–79	1	17	33	46	63	76	90	105	124	
249	06479640	Hidewood Creek near Estelline, SD	164	164	29	1969–85, 1990–2001	29	1969–85, 1990–2001	1	969	2,390	3,790	6,160	8,400	11,100	14,200	19,200	
							29 (33)	1969–85, 1990–2001	1, 14	960	2,320	3,650	5,860	7,920	10,400	13,200	17,600	
							(1969–2001)											
250	06479750	Peg Munky Run near Estelline, SD	25.2	25.2	25	1956–80	25	1956–80	1	259	793	1,340	2,240	3,060	3,980	4,990	6,480	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent								
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500	
										50	20	10	4	2	1.0	0.5	0.2	
Big Sioux River Basin—Continued																		
251	06479800	North Deer Creek near Estelline, SD	48.3	48.3	25	1956–80	25	1956–80	1	171	711	1,500	3,330	5,580	8,870	13,600	22,800	
252	06479810	North Deer Creek tributary near Brookings, SD	.33	.33	11	1969–79	11	1969–79	1	24	79	144	268	396	559	763	1,100	
253	06479900	Sixmile Creek tributary near Brookings, SD	9.78	9.78	21	1956–76	21	1956–76	1	114	447	865	1,680	2,520	3,590	4,890	7,020	
									1, 6, 7	138	471	815	1,370	1,850	2,380	2,940	3,710	
254	06479910	Sixmile Creek near Brookings, SD	54	54	10	1971–80	10	1971–80	1	330	652	902	1,250	1,520	1,800	2,080	2,470	
							48	1954–2001	3	354	911	1,430	2,240	2,940	3,720	4,570	5,800	
255	06479928	Battle Creek near Nunda, SD	163	158.2	10	1988–97	10	1988–97	1	641	1,620	2,550	4,080	5,460	7,050	8,860	11,600	
							48	1954–2001	3, 4	413	1,280	2,200	3,760	5,230	6,930	8,880	11,800	
256	06479950	Deer Creek near Brookings, SD	4.04	4.04	25	1956–80	25	1956–80	1	56	250	505	1,010	1,520	2,160	2,930	4,150	
									1, 6, 7	69	249	450	795	1,110	1,470	1,880	2,460	
257	06479980	Medary Creek near Brookings, SD	200	200	21	1981–2001	21	1981–2001	1	758	1,700	2,560	3,920	5,140	6,520	8,080	10,400	
258	06480000	Big Sioux River near Brookings, SD	3,898	2,419	48	1954–2001	48	1954–2001	1	2,620	6,720	10,600	16,700	22,100	28,000	34,700	44,400	
							48	1954–2001	1, 14	2,560	6,300	9,640	14,700	18,900	23,500	28,500	35,400	
							(121)	(1881–2001)										
259	06480400	Spring Creek near Flandreau, SD	63.2	63.2	11	1983–93	11	1983–93	1	598	1,570	2,520	4,080	5,500	7,140	9,000	11,800	
260	06480650	Flandreau Creek above Flandreau, SD	100	100	20	1982–2001	20	1982–2001	1	866	1,740	2,420	3,360	4,100	4,870	5,670	6,740	
261	06480720	Bachelor Creek tributary near Wentworth, SD	1.03	1.03	11	1969–79	11	1969–79	1	12	34	56	92	125	162	204	267	
262	06481000	Big Sioux River near Dell Rapids, SD	4,483	3,004	53	1949–2001	53	1949–2001	1	3,350	8,190	13,000	20,900	28,500	37,400	48,000	64,600	
							53	1949–2001	1, 14	3,280	7,760	12,000	19,000	25,500	33,000	41,800	55,300	
							(121)	(1881–2001)										
263	06481500	Skunk Creek at Sioux Falls, SD	622	613.49	53	1949–2001	53	1949–2001	1	1,410	4,140	7,040	12,200	17,100	23,000	30,000	41,000	
							53	1949–2001	1, 14	1,380	3,870	6,410	10,700	14,600	19,200	24,500	32,500	
							(121)	(1881–2001)										
264	06482020	Big Sioux River at North Cliff Avenue at Sioux Falls, SD	5,216	3,729	31	1969, 1972–2001	31	1969, 1972–2001	1	4,350	9,740	15,000	23,900	32,400	42,700	55,200	75,400	
							58	1944–2001	1, 9	3,820	8,620	13,300	21,100	28,500	37,500	48,200	65,500	
							(121)	(1881–2001)	1, 9, 14	3,740	8,250	12,500	19,700	26,400	34,500	44,000	59,300	
265	06482600	West Pipestone Creek tributary near Garretson, SD	2.16	2.16	11	1969–79	11	1969–79	1	134	433	745	1,260	1,720	2,230	2,800	3,610	
266	06482610	Split Rock Creek at Corson, SD	464	464	32	1966–97	32	1966–97	1	2,420	5,870	9,310	15,200	20,900	27,800	36,000	49,400	

Table 7. Station information and peak-flow frequency estimates for selected gaging stations.—Continued

[Shaded cells identify procedures, whereas unshaded cells identify unused default procedure. Historical adjustment values are shown in parentheses for analysis period length and analysis period]

Map number (fig. 1)	Station number	Station name	Drainage area (square miles)	Contributing drainage area (square miles)	Characteristics of systematic record		Characteristics of analysis period			Peak flow, in cubic feet per second, for recurrence interval, in years, and annual exceedance probability, in percent							
					Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)	Analytical procedure ¹	2	5	10	25	50	100	200	500
										50	20	10	4	2	1.0	0.5	0.2
Big Sioux River Basin—Continued																	
267	06482745	Beaver Creek at Valley Springs, SD	104	104	11	1986–96	11	1986–96	1	670	1,520	2,300	3,510	4,570	5,770	7,110	9,110
268	06482848	Beaver Creek at Canton, SD	124	124	19	1983–2001	19	1983–2001	1	583	1,590	2,540	4,010	5,270	6,640	8,120	10,200
									1, 7	682	1,470	2,170	3,260	4,210	5,280	6,480	8,280
269	06482870	Little Beaver Creek tributary near Canton, SD	.31	.31	18	1956–73	18	1956–73	1	25	44	59	80	99	119	140	173
270	06485500	Big Sioux River at Akron, IA	8,424	6,937	73	1929–2001	73	1929–2001	1	10,400	23,200	34,400	51,400	65,900	81,800	99,100	124,000
							73	1929–2001	1, 14	10,300	22,700	33,400	49,400	62,800	77,400	93,200	116,000
							(121)	(1881–2001)									
271	06485550	West Union Creek near Alcester, SD	3.48	3.48	11	1969–79	11	1969–79	1	380	924	1,430	2,220	2,920	3,700	4,580	5,870
272	06485696	Brule Creek near Elk Point, SD	204	204	12	1983–94	12	1983–94	1	1,340	2,690	3,870	5,690	7,290	9,100	11,200	14,300

¹Analytical procedures used are designated by numbers that correspond with the following list of procedures:

1. frequency curve developed by using standard Bulletin 17B procedures to fit log-Pearson III probability distribution; unless otherwise indicated by other footnotes, default PEAKFQ procedures for calculating weighted skew and handling low outliers were used;
2. peak flows for gaging station might be substantially affected by regulation;
3. frequency curve includes Bulletin 17B two-station comparison adjustment (see table 3 for information concerning comparison with other stations);
4. generalized skew used in Bulletin 17B analysis;
5. period of analysis reflects truncation of period of systematic record owing to stationarity and/or consistency issues; applies to sites affected by storage and also selected sites in the Cheyenne River Basin;
6. station skew used in Bulletin 17B analysis;
7. user defined low-outlier criteria used in Bulletin 17B analysis;
8. the number of peak flows with a magnitude of zero and/or the number of low outliers exceeds Bulletin 17B guidelines, or the number of total peaks in the analysis is less than Bulletin 17B guidelines;
9. systematic record for multiple gaging stations combined for frequency analysis (see table 2 for detailed information);
10. frequency curve developed by using regional mixed-population analysis for Black Hills area;
11. one or more unusually large peaks were excluded from the frequency analysis for the ordinary peaks frequency curve for Black Hills Region stations;
12. user-defined skew used in Bulletin 17b analysis (see table 9 for information on selection of user-defined skew);
13. frequency curve includes comparison with other station(s) by using mixed-station procedure (see table 3 for information concerning comparison with other stations); and
14. frequency curve includes Bulletin 17B adjustment based on historical information analysis (see table 4 for information concerning historical analysis).

²Unregulated area (downstream from regulating structure) used in Black Hills mixed population analysis.

Table 8. Annual peak-flow data for selected gaging stations ([Excel spreadsheet](#)).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Red River of the North Basin													
1	05050000	Bois de Sioux River near White Rock, SD	60	1942–2001	60	1942–2001	--	2.681	0.531	-0.434	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
2	05051650	La Belle Creek near Veblen, SD	14	1988–2001	14	1988–2001	--	1.901	.636	-.635	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					29	1973–2001	2STA	1.778	.664	-.635	WGHT	NA	NA.
Minnesota River Basin													
3	05289950	Little Minnesota River tributary at Sisseton, SD	10	1970–79	10	1970–79	--	1.884	0.510	-0.194	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					64	1938–2001	2STA	1.972	.623	-.400	GEN	NA	NA.
4	05289985	Big Coulee Creek near Peever, SD	14	1988–2001	14	1988–2001	--	2.090	.431	-.643	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					29	1973–2001	2STA	2.052	.377	-.400	GEN	NA	NA.
5	05290000	Little Minnesota River near Peever, SD	54	1940–81, 1990–2001	54	1940–81, 1990–2001	--	2.910	.480	-.130	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
6	05290300	North Fork Whetstone River tributary near Wilmot, SD	10	1970–79	10	1970–79	--	1.372	.287	-.558	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					48	1954–2001	2STA	1.392	.389	-.400	GEN	NA	NA.
7	05291000	Whetstone River near Big Stone City, SD	75	1910–12, 1919, 1931–2001	75	1910–12, 1919, 1931–2001	--	3.070	.578	-.447	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					74	1910–12, 1931–2001	--	3.052	.559	-.570	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
8	05292000	Minnesota River at Ortonville, MN	64	1938–2001	64	1938–2001	--	2.927	.380	-.185	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
9	05292600	North Fork Yellow Bank River tributary near Stockholm, SD	10	1970–79	10	1970–79	--	1.888	.572	-.245	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					25	1956–80	2STA	1.922	.663	-.245	WGHT	NA	NA.
10	05292704	North Fork Yellow Bank River near Odessa, MN	11	1991–2001	11	1991–2001	--	3.289	.277	.031	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					74	1910–12, 1931–2001	2STA	3.023	.464	-.400	GEN	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Minnesota River Basin—Continued													
11	05299700	Cobb Creek near Gary, SD	10	1992–2001	10	1992–2001	--	2.609	0.580	-0.608	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					29	1973–2001	2STA	2.407	.540	-.400	GEN	NA	NA.
Minor tributaries to Missouri River (Group 1)													
12	06334500	Little Missouri River at Camp Crook, SD	1970	1970	46	1956–2001	--	3.337	0.403	-0.661	WGHT	Default (0 ZERO; 2 LO)	Default (0 HO).
13	06354845	Spring Creek tributary near Greenway, SD	10	1970–79	10	1970–79	--	1.324	.789	-.503	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
14	06354860	Spring Creek near Herreid, SD	34	1963–87, 1989–97	34	1963–87, 1989–97	--	2.329	.894	-.759	WGHT	Default (4 ZERO; 1 LO)	Default (0 HO).
							--	2.445	.689	-.568	STA	LOC=40 ft ³ /s (4 ZERO; 4 LO)	Default (0 HO).
15	06354882	Oak Creek near Wakpala SD	17	1985–2001	17	1985–2001	--	3.061	.453	-.350	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
Grand River Basin													
16	06355400	North Fork Grand River tributary near Lodgepole, SD	10	1970–79	10	1970–79	--	2.025	0.475	0.096	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
17	06355500	North Fork Grand River near White Butte, SD	56	1946–2001	56	1946–2001	--	2.831	.517	-.244	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
18	06356000	South Fork Grand River at Buffalo, SD	39	1956–94	39	1956–94	--	2.791	.388	-.487	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
19	06356150	North Jack Creek near Ludlow, SD	10	1970–79	10	1970–79	--	1.322	.368	.254	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
20	06356500	South Fork Grand River near Cash, SD	53	1946–96, 2000–2001	53	1946–96, 2000–2001	--	3.175	.434	.067	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
21	06356600	South Fork Grand River tributary near Bison, SD	10	1970–79	10	1970–79	--	1.542	.465	-.212	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Grand River Basin—Continued													
22	06357500	Grand River at Shadehill, SD	47	1944–88, 1991–92	40	1951–88, 1991–92	--	2.494	0.599	0.182	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.129	1.027	-.827	STA	LOC=207 ft ³ /s (0 ZERO; 19 LO)	Default (0 HO).
23	06357800	Grand River at Little Eagle, SD	43	1959–2001	43	1959–2001	--	3.696	.363	-.248	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					51	1951–2001	COMB	3.706	.384	-.210	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
Minor tributaries to Missouri River (Group 2)													
24	06358520	Deadman Creek tributary near Mobridge, SD	25	1956–80	25	1956–80	--	1.159	0.600	-0.351	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
25	06358540	Blue Blanket Creek tributary near Glenham, SD	10	1970–79	10	1970–79	--	.755	.291	-.008	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
Moreau River Basin													
26	06358550	Battle Creek tributary near Castle Rock, SD	11	1969–79	11	1969–79	--	2.134	0.418	0.152	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
27	06358600	South Fork Moreau River tributary near Redig, SD	24	1956, 1958–80	24	1956, 1958–80	--	1.748	.397	.131	WGHT	Default (2 ZERO; 1 LO)	Default (0 HO).
28	06358620	Sand Creek tributary near Redig, SD	16	1956, 1958–72	16	1956, 1958–72	--	1.350	.221	.108	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
29	06359000	Moreau River at Bixby, SD	25	1949–73	25	1949–73	--	3.435	.369	-.057	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
30	06359300	Deep Creek tributary near Maurine, SD	10	1970–79	10	1970–79	--	.666	.823	.216	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
					73	1929–2001	2STA	3.387	.374	-.057	WGHT	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Moreau River Basin (Group 2)—Continued													
31	06359500	Moreau River near Faith, SD	58	1944–2001	58	1944–2001	--	3.571	0.465	-0.337	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
32	06359700	Thunder Butte Creek tributary near Meadow, SD	10	1970–79	10	1970–79	--	1.357	.574	-.206	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
33	06359850	Elm Creek tributary near Dupree, SD	10	1970–79	10	1970–79	--	2.056	.416	.003	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
34	06360000	Moreau River near Eagle Butte SD	15	1944–58	15	1944–58	--	3.781	.509	-.229	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
35	06360350	Little Moreau River tributary near Firesteel, SD	10	1970–79	10	1970–79	--	1.106	.698	-.369	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
36	06360500	Moreau River near Whitehorse, SD	47	1955–2001	47	1955–2001	--	3.729	.440	-.456	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					73	1929–2001	COMB	3.752	.450	-.370	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
Minor tributaries to Missouri River (Group 3)													
37	06361020	Swan Lake tributary near Bowdle, SD	10	1970–79	10	1970–79	--	1.281	0.530	-0.239	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					34	1963–87, 1989–97	2STA	1.356	.534	-.239	WGHT	NA	NA.
Cheyenne River Basin													
38	06392900	Beaver Creek at Mallo Camp near Four Corners, WY	19	1975–82, 1991–2001	19	1975–82, 1991–2001	BHORD	1.232	0.453	0.119	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
39	06392950	Stockade Beaver Creek near Newcastle, WY	19	1975–82, 1991–2001	19	1975–82, 1991–2001	BHORD	1.736	.487	.567	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
40	06395000	Cheyenne River at Edgemont, SD	60	1905, 1929–32, 1947–2001	60	1905, 1929–32, 1947–2001	--	3.421	0.412	0.028	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					55	1947–2001	--	3.385	.407	.005	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
41	06396200	Fiddle Creek near Edgemont, SD	25	1956–80	25	1956–80	--	1.173	.595	-.065	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	1.213	.534	-.234	STA	LOC=1 ft ³ /s (0 ZERO; 2 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
42	06396300	Cottonwood Creek tributary near Edgemont, SD	25	1956–80	25	1956–80	BHORD	1.340	.331	.031	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
43	06396350	Red Canyon Creek tributary near Pringle, SD	10	1970–79	10	1970–79	BHORD	.517	.619	.037	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
44	06399300	Hat Creek tributary near Ardmore, SD	23	1956–59, 1961–79	23	1956–59, 1961–79	--	1.583	.918	-.044	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							BHORD	1.640	.873	-.813	STA	LOC=5 ft ³ /s (1 ZERO; 5 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
45	06399700	Piney Creek near Ardmore, SD	20	1956–75	20	1956–75	--	2.724	.480	-.207	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
							BHORD	2.810	.314	-.175	WGHT	LOC=98 ft ³ /s (0 ZERO; 3 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
46	06400000	Hat Creek near Edgemont, SD	52	1905, 1951–2001	52	1905, 1951–2001	--	2.820	.667	-.090	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.820	.667	-.307	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
47	06400497	Cascade Springs near Hot Springs, SD	20	1977–96	20	1977–96	--	1.428	0.244	0.770	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					19	1977–95	BHORD	1.377	.092	.850	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
48	06400500	Cheyenne River near Hot Springs, SD	36	1915–20, 1943–72	36	1915–20, 1943–72	--	3.743	.452	.399	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					56	1946–2001	2STA	3.490	.403	.024	WGHT	NA	NA.
49	06400875	Horsehead Creek at Oelrichs, SD	19	1983–2001	19	1983–2001	--	1.990	1.295	-.034	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							BHORD	1.990	1.295	-.611	STA	Default (1 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
50	06400900	Horeshead Creek tributary near Smithwick, SD	11	1969–79	11	1969–79	BHORD	.871	.633	.403	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
51	06401500	Cheyenne River below Angostura Dam, SD	56	1946–2001	56	1946–2001	--	2.793	1.157	-.429	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.943	.844	-.651	STA	LOC=1,290 ft ³ /s (0 ZERO; 27 LO)	Default (0 HO).
52	06402000	Fall River at Hot Springs, SD	64	1938–2001	32	1970–2001	--	2.403	.298	.120	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
53	06402100	Fall River tributary at Hot Springs, SD	10	1970–79	10	1970–79	BHORD	1.235	.441	-.083	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
54	06402430	Beaver Creek near Pringle, SD	11	1991–2001	11	1991–2001	BHORD	1.217	.396	.113	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
61	06404998	Grace Coolidge Creek near Game Lodge near Custer, SD	30	1972–2001	30	1972–2001	--	1.950	0.674	-0.045	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					37	1946–47, 1967–2001	COMB	1.955	.619	-.125	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							COMB, BHORD	1.955	.619	-.366	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
62	06405800	Bear Gulch near Hayward, SD	13	1989–2001	13	1989–2001	--	1.762	.637	.166	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					12	1990–2001	BHORD	1.651	.516	-.180	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
63	06406000	Battle Creek at Hermosa, SD	52	1950–2001	52	1950–2001	--	2.430	.712	-.124	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					51	1950–71, 1973–2001	BHORD	2.393	.666	-.682	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
64	06406100	Battle Creek tributary near Hermosa, SD	10	1970–79	10	1970–79	--	1.265	.328	.485	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					9	1970–71, 1973–80	BHORD	1.220	.142	-.119	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
65	06406500	Battle Creek below Hermosa, SD	13	1989–2001	13	1989–2001	--	2.446	.734	-.149	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					51	1950–71, 1973–2001	2STA, BHORD	2.237	.751	-.682	User	NA	NA.
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
66	06406750	Sunday Gulch near Hill City, SD	14	1956–69	14	1956–69	BHORD	1.027	.675	.065	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
67	06406800	Newton Fork near Hill City, SD	11	1969–79	11	1969–79	BHORD	1.301	.370	.096	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
68	06406900	Palmer Creek near Hill City, SD	25	1956–80	25	1956–80	--	1.767	0.699	0.035	WGHT	Default (0 ZERO; 1 LO)	Default (1 HO).
					24	1956, 1973–80	BHORD	1.748	.472	-.171	WGHT	LOC=1 ft ³ /s (0 ZERO; 2 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
69	06406920	Spring Creek above Sheridan Lake near Keystone, SD	11	1991–2001	11	1991–2001	BHORD	2.397	.489	-.137	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
70	06407500	Spring Creek near Keystone, SD	15	1987–2001	15	1987–2001	--	2.162	.504	.092	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.162	.504	-.073	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
71	06408500	Spring Creek near Hermosa, SD	52	1950–2001	52	1950–2001	--	1.750	1.055	-.080	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
					50	1950–71, 1973–95, 1997–2001	BHORD	1.790	.887	-1.202	STA	LOC=5.8 ft ³ /s (1 ZERO; 14 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
72	06408700	Rhoads Fork near Rochford, SD	20	1982–2001	20	1982–2001	BHORD	.912	.146	.216	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
73	06408850	Silver Creek near Rochford, SD	11	1969–79	11	1969–79	BHORD	.808	.280	-.050	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
74	06408900	Heeley Creek near Hill City, SD	11	1969–79	11	1969–79	BHORD	.914	.264	.068	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
75	06409000	Castle Creek above Deerfield Reservoir near Hill City, SD	53	1949–2001	53	1949–2001	--	1.819	.382	.713	WGHT	Default (0 ZERO; 0 LO)	Default (2 HO).
					51	1949–51, 1953–68, 1970–2001	BHORD	1.772	.305	.286	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
76	06410000	Castle Creek below Deerfield Dam, SD	55	1947–2001	55	1947–2001	--	1.684	0.233	-0.015	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
77	06410500	Rapid Creek above Pactola Reservoir at Silver City, SD	48	1954–2001	48	1954–2001	BHORD	2.374	.414	.333	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
78	06411500	Rapid Creek below Pactola Dam, SD	69	1929–42, 1947–2001	45	1957–2001	--	2.256	.271	.171	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
79	06412500	Rapid Creek above Canyon Lake near Rapid City, SD	55	1947–2001	45	1957–2001	--	2.395	.452	.889	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					44	1957–71, 1973–2001	BHORD	2.347	.323	.427	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
80	06413650	Lime Creek at mouth at Rapid City, SD	17	1981–83, 1988–2001	17	1981–83, 1988–2001	--	2.004	.343	.465	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.004	.343	.746	STA	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
81	06414000	Rapid Creek at Rapid City, SD	61	1905–06, 1943–2001	45	1957–2001	--	2.754	.445	.876	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					44	1957–71, 1973–2001	BHORD	2.710	.336	.366	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
82	06421500	Rapid Creek near Farmingdale, SD	54	1947–58, 1960–2001	45	1957–2001	--	2.895	.320	.469	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					44	1957–71, 1973–2001	BHORD	2.873	.286	.134	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
83	06421750	Rapid Creek tributary near Farmingdale, SD	10	1970–79	10	1970–79	BHORD	.900	.386	.086	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
84	06422500	Boxelder Creek near Nemo, SD	38	1946–47, 1966–2001	38	1946–47, 1966–2001	--	2.288	0.633	0.623	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					37	1946–47, 1966–71, 1973–2001	BHORD	2.261	.493	-.136	STA	LOC=33 ft ³ /s (0 ZERO; 6 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
85	06423010	Boxelder Creek near Rapid City, SD	21	1981–2001	21	1981–2001	--	1.568	.964	-.232	WGHT	Default (8 ZERO; 1 LO)	Default (0 HO).
							BHORD	1.568	.964	-.668	STA	Default (8 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
86	06423500	Cheyenne River near Wasta, SD	73	1915, 1929–32, 1934–2001	73	1915, 1929–32, 1934–2001	--	4.024	.348	-.148	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	--	4.044	.275	-.206	STA	LOC=5,880 ft ³ /s (0 ZERO; 14 LO)	Default (0 HO).
87	06424000	Elk Creek near Roubaix, SD	10	1992–2001	10	1992–2001	BHORD	2.126	.323	-.052	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
88	06425100	Elk Creek near Rapid City, SD	23	1979–2001	23	1979–2001	--	2.680	.554	-.254	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
							BHORD	2.680	.554	-.687	STA	Default (1 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
89	06425500	Elk Creek near Elm Springs, SD	52	1950–2001	52	1950–2001	--	2.938	.771	-.506	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							BHORD	3.112	.505	-.497	STA	LOC=124 ft ³ /s (1 ZERO; 10 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
90	06428500	Belle Fourche River at Wyoming-South Dakota State line	55	1947–2001	55	1947–2001	--	3.120	.359	-.391	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
91	06429500	Cold Springs Creek at Buckhorn, WY	19	1975–82, 1991–2001	19	1975–82, 1991–2001	BHORD	0.963	0.197	0.593	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
92	06429905	Sand Creek near Ranch A near Beulah, WY	20	1975–83, 1991–2001	20	1975–83, 1991–2001	--	1.860	.514	.521	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					19	1975–83, 1991–94, 1996–2001	BHORD	1.475	.746	-.016	WGHT	LOC=43 ft ³ /s (0 ZERO; 9 LO)	Default (1 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
93	06430500	Redwater Creek at Wyoming-South Dakota State line	52	1929–31, 1936–37, 1955–2001	52	1929–31, 1936–37, 1955–2001	--	2.355	.525	.228	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.070	.842	-.720	STA	LOC=186 ft ³ /s (0 ZERO; 25 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
94	06430532	Crow Creek near Beulah, WY	10	1992–2001	10	1992–2001	BHORD	2.154	.322	.136	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
95	06430770	Spearfish Creek near Lead, SD	13	1989–2001	13	1989–2001	--	1.803	.272	.148	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
96	06430800	Annie Creek near Lead, SD	13	1989–2001	13	1989–2001	--	1.379	.455	.493	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
97	06430850	Little Spearfish Creek near Lead, SD	13	1989–2001	13	1989–2001	--	1.444	.256	.323	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
98	06430898	Cleopatra Creek near Spearfish, SD	13	1989–2001	13	1989–2001	--	1.698	.548	.251	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
99	06431500	Spearfish Creek at Spearfish, SD	56	1904, 1947–2001	56	1904, 1947–2001	--	2.426	0.486	0.691	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.051	.865	-.500	User	LOC=176 ft ³ /s (0 ZERO; 27 LO)	Default (0 HO).
100	06432200	Polo Creek near Whitewood, SD	17	1956–72	17	1956–72	--	2.263	.540	-.047	WGHT	Default (6 ZERO; 0 LO)	Default (0 HO).
							NA	NA	NA	NA	NA	NA	NA
101	06432230	Miller Creek near Whitewood, SD	12	1956–67	12	1956–67	--	.787	1.626	-.364	WGHT	Default (5 ZERO; 0 LO)	Default (0 HO).
							BHORD	.787	1.626	-1.367	STA	Default (5 ZERO; 0 LO)	Default (0 HO).
102	06433000	Redwater River above Belle Fourche, SD	56	1946–2001	56	1946–2001	--	2.881	.455	.612	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
							BHORD	2.857	.421	.536	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
103	06433500	Hay Creek at Belle Fourche, SD	43	1954–96	43	1954–96	--	1.818	.596	.129	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							NA	NA	NA	NA	NA	NA	NA
104	06434800	Owl Creek tributary near Belle Fourche, SD	10	1970–79	10	1970–79	--	1.652	.407	.118	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							NA	NA	NA	NA	NA	NA	NA
105	06436000	Belle Fourche River near Fruitdale, SD	56	1946–2001	56	1946–2001	--	3.019	.793	-.633	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							NA	NA	NA	NA	NA	NA	NA
106	06436156	Whitetail Creek at Lead, SD	13	1989–2001	13	1989–2001	--	1.690	.483	.390	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							NA	NA	NA	NA	NA	NA	NA

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

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Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
107	06436180	Whitewood Creek above Whitewood, SD	19	1983–2001	19	1983–2001	--	2.566	0.456	0.265	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					20	1982–2001	COMB, BHORD	2.610	.485	.243	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
108	06436190	Whitewood Creek near Whitewood, SD	20	1982–2001	20	1982–2001	--	2.680	.536	.033	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.696	.519	-.023	STA	LOC=170 ft ³ /s (0 ZERO; 5 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
109	06436198	Whitewood Creek above Vale, SD	19	1983–2001	19	1983–2001	--	2.760	.556	.056	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					20	1982–2001	MIX, BHORD	2.829	.568	-.300	STA	LOC=202 ft ³ /s (0 ZERO; 5 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
110	06436700	Indian Creek near Arpan, SD	20	1962–81	20	1962–81	--	2.849	.690	-.204	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.885	.627	-.117	STA	LOC=21 ft ³ /s (0 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA
111	06436760	Horse Creek above Vale, SD	21	1981–2001	21	1981–2001	--	3.100	.586	.008	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					40	1962–2001	COMB	3.052	.545	.060	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							COMB, BHORD	3.096	.493	.147	WGHT	LOC=229 ft ³ /s (0 ZERO; 7 LO)	Default (0 HO).
NA	NA	BHMPA	NA	NA	NA	NA	NA	NA					
112	06436800	Horse Creek near Vale, SD	19	1962–80	19	1962–80	--	3.028	.462	.103	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					40	1962–2001	2STA, BHORD	3.077	.498	.103	WGHT	NA	NA.
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
113	06437000	Belle Fourche River near Sturgis, SD	56	1946–2001	56	1946–2001	--	3.635	0.392	0.116	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
114	06437020	Bear Butte Creek near Deadwood, SD	13	1989–2001	13	1989–2001	--	2.126	.582	.198	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
115	06437100	Boulder Creek near Deadwood, SD	25	1956–80	25	1956–80	--	1.571	.551	-.113	WGHT	Default (3 ZERO; 1 LO)	Default (0 HO).
							BHORD	1.571	.551	-.266	STA	Default (3 ZERO; 1 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
116	06437500	Bear Butte Creek near Sturgis, SD	39	1946–72, 1990–2001	39	1946–72, 1990–2001	--	2.715	.691	-.036	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
							BHORD	2.715	.691	-.102	STA	Default (2 ZERO; 0 LO)	Default (0 HO).
					NA	NA	BHMPA	NA	NA	NA	NA	NA	NA.
117	06438000	Belle Fourche River near Elm Springs, SD	72	1929–32, 1934–2001	72	1929–32, 1934–2001	--	3.895	.461	-.280	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	--	3.771	.546	-.649	STA	LOC=6,700 ft ³ /s (0 ZERO; 27 LO)	Default (0 HO).
118	06438500	Cheyenne River near Plainview, SD	38	1951–81, 1995–2001	38	1951–81, 1995–2001	--	4.163	.343	-.052	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	MIX	4.145	.389	-.446	WGHT	LOC=15,500 ft ³ /s (0 ZERO; 27 LO)	Default (0 HO).
119	06439000	Cherry Creek near Plainview, SD	56	1946–2001	56	1946–2001	--	3.181	.496	-.126	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
120	06439050	Cherry Creek tributary near Avance, SD	25	1956–80	25	1956–80	--	1.388	.550	.126	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
121	06439060	Cherry Creek tributary no. 2 near Avance, SD	18	1956–73	18	1956–73	--	.842	.613	.190	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Cheyenne River Basin—Continued													
122	06439080	Cherry Creek tributary no. 3 near Avance, SD	25	1956–80	25	1956–80	--	1.749	0.865	-0.126	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
123	06439100	Beaver Creek near Faith, SD	25	1956–80	25	1956–80	--	2.216	.730	.084	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
124	06439300	Cheyenne River at Cherry Creek, SD	34	1961–94	34	1961–94	--	4.147	.351	-.194	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					49	1946–94	COMB	4.166	.336	-.159	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	COMB, MIX	4.234	.290	-.158	WGHT	LOC=6,380 ft ³ /s (0 ZERO; 9 LO)	Default (0 HO).
125	06439400	Plum Creek tributary near Milesville, SD	10	1970–79	10	1970–79	--	1.111	.591	.454	WGHT	Default (1 ZERO; 0 LO)	Default (1 HO).
126	06439430	Cottonwood Creek near Cherry Creek, SD	17	1983–99	17	1983–99	--	2.506	.749	-.211	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
Minor tributary to Missouri River (Group 4)													
127	06439960	Chantier Creek near Hayes, SD	12	1990–2001	12	1990–2001	--	2.926	0.683	-0.309	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					11	1990–92, 1994–2001	--	2.832	.649	-.350	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					11	1990–92, 1994–2001	--	2.919	.499	-.209	WGHT	LOC=50 ft ³ /s (0 ZERO; 2 LO)	Default (0 HO).
Bad River Basin													
128	06440200	South Fork Bad River near Cottonwood, SD	13	1989–2001	13	1989–2001	--	3.219	0.507	-0.053	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	2STA	3.189	.465	-.053	WGHT	NA	NA.
129	06440850	Medicine Creek near Phillip, SD	12	1990–2001	12	1990–2001	--	2.217	.491	-.205	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
130	06441000	Bad River near Midland, SD	56	1946–2001	56	1946–2001	--	3.344	.502	-.330	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					--	--	--	3.419	.378	.404	STA	LOC=718 ft ³ /s (0 ZERO; 9 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Bad River Basin—Continued													
131	06441100	Plum Creek near Hayes, SD	13	1989–2001	13	1989–2001	--	2.116	0.595	-0.076	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
132	06441110	Plum Creek below Hayes, SD	10	1990–95, 1998–2001	10	1990–95, 1998–2001	--	3.501	.350	.159	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
133	06441200	Powell Creek tributary near Fort Pierre, SD	10	1970–79	10	1970–79	--	1.463	.580	-.111	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
134	06441500	Bad River near Fort Pierre, SD	74	1905, 1927, 1929–32, 1934–2001	74	1905, 1927, 1929–32, 1934–2001	--	3.793	.435	-.039	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
Minor tributary to Missouri River (Group 5)													
135	06441530	Hilgers Gulch tributary near Pierre, SD	12	1968–79	12	1968–79	--	1.402	0.857	-0.378	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							--	1.587	.580	-.356	WGHT	LOC=2 ft ³ /s (1 ZERO; 2 LO)	Default (0 HO).
136	06441580	Hilgers Gulch at Pierre, SD	13	1967–79	13	1967–79	--	1.975	.939	-.197	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.109	.785	-.303	WGHT	LOC=5 ft ³ /s (0 ZERO; 3 LO)	Default (0 HO).
137	06441650	Mush Creek near Pierre, SD	25	1956–80	25	1956–80	--	2.434	.847	-.170	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.469	.836	-.714	STA	LOC=20 ft ³ /s (0 ZERO; 4 LO)	Default (0 HO).
138	06441670	Missouri River tributary near Pierre, SD	19	1956–74	19	1956–74	--	1.762	.579	.037	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
139	06441750	Missouri River tributary near Canning, SD	19	1956–74	19	1956–74	--	1.830	.391	-.406	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
140	06442000	Medicine Knoll Creek near Blunt, SD	48	1950–97	48	1950–97	--	1.859	1.049	-.200	WGHT	Default (4 ZERO; 0 LO)	Default (0 HO).
							--	1.931	.975	-.276	STA	LOC=10 ft ³ /s (4 ZERO; 8 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Minor tributary to Missouri River (Group 5)—Continued													
141	06442050	Missouri River tributary near De Grey, SD	25	1956–80	25	1956–80	--	2.214	0.526	-0.241	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.257	.469	-.357	STA	LOC=68 ft ³ /s (0 ZERO; 6 LO)	Default (0 HO).
142	06442350	North Fork Medicine Creek near Vivian, SD	25	1956–80	25	1956–80	--	1.763	.663	.028	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
143	06442380	Medicine Creek tributary near Vivian, SD	18	1956–73	18	1956–73	--	1.503	.579	.033	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
144	06442400	Medicine Creek tributary no. 2 near Vivian, SD	25	1956–80	25	1956–80	--	1.884	.407	.101	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
145	06442500	Medicine Creek at Kennebec, SD	44	1955–97, 2001	44	1955–97, 2001	--	2.877	.826	-.452	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
							--	2.935	.720	-.440	STA	LOC=16 ft ³ /s (1 ZERO; 3 LO)	Default (0 HO).
146	06442718	Campbell Creek near Lee's Corner, SD	14	1988–2001	14	1988–2001	--	3.111	.317	-.010	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
147	06442850	Elm Creek tributary near Ree Heights, SD	11	1969–79	11	1969–79	--	.909	.495	-.044	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
148	06442900	Elm Creek near Gann Valley, SD	12	1988–99	12	1988–99	--	3.107	.395	.202	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
149	06442950	Crow Creek near Gann Valley, SD	13	1972–84	13	1972–84	--	2.905	.391	-.027	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
White River Basin													
150	06445685	White River near Nebraska-South Dakota State line	14	1988–2001	14	1988–2001	--	2.907	0.360	0.326	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					26	1962–73, 1988–2001	COMB	2.977	.460	.680	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					26 (54)	1962–73, 1988–2001 (1948–2001)	COMB, HIST	2.952	.426	.613	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
151	06445980	White Clay Creek near Oglala, SD	30	1966–81, 1988–2001	30	1966–81, 1988–2001	--	2.142	.429	.086	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
152	06446000	White River near Oglala, SD	58	1944–2001	58	1944–2001	--	2.955	.347	-.106	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
153	06446250	Porcupine Creek tributary near Rockyford, SD	11	1968, 1970–79	11	1968, 1970–79	--	2.421	.290	-.028	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
154	06446400	Cain Creek tributary at Imlay, SD	25	1956–80	25	1956–80	--	2.825	.344	.213	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
155	06446430	White River tributary near Conata, SD	17	1956–58, 1960–73,	17	1956–58, 1960–73,	--	2.059	.289	.343	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
156	06446550	White River tributary near Interior, SD	25	1956–80	25	1956–80	--	2.276	.349	-.160	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
157	06447000	White River near Kadoka, SD	60	1942–2001	60	1942–2001	--	3.951	.240	-.083	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
158	06447500	Little White River near Martin, SD	43	1938–40, 1962–2001	43	1938–40, 1962–2001	--	2.314	.390	.315	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
159	06448000	Lake Creek above Refuge near Tuthill, SD	26	1938–40, 1962–78, 1996–2001	26	1938–40, 1962–78, 1996–2001	--	1.926	.185	-.144	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
160	06449000	Lake Creek below Refuge near Tuthill, SD	42	1938–40, 1963–2001	42	1938–40, 1963–2001	--	1.973	.213	.939	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
161	06449100	Little White River near Vetel, SD	42	1960–2001	42	1960–2001	--	2.530	.356	.583	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
White River Basin—Continued													
162	06449250	Spring Creek near St. Francis, SD	15	1960–74	15	1960–74	--	1.562	0.194	0.046	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
163	06449300	Little White River above Rosebud, SD	18	1982–99	18	1982–99	--	2.750	.262	.481	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
164	06449400	Rosebud Creek at Rosebud, SD	23	1975–97	58	1944–2001	2STA	2.795	.278	.481	WGHT	NA	NA.
					23	1975–97	--	1.958	.517	.343	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
165	06449500	Little White River near Rosebud, SD	58	1944–2001	58	1944–2001	--	2.879	.356	.538	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.770	.489	-.364	STA	LOC=500 ft ³ /s (0 ZERO; 24 LO)	Default (0 HO).
166	06449700	Little Oak Creek near Mission, SD	25	1956–80	25	1956–80	--	1.542	.719	.356	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							--	1.332	.937	-.283	STA	LOC=22 ft ³ /s (1 ZERO; 11 LO)	Default (0 HO).
167	06449750	West Branch Horse Creek near Mission, SD	15	1956–70	15	1956–70	--	1.480	.727	.290	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
168	06450500	Little White River below White River, SD	56	1930–32, 1939–40, 1951–2001	56	1930–32, 1939–40, 1951–2001	--	3.287	.392	.325	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					--	3.149	.536	-.348	STA	LOC=1,500 ft ³ /s (0 ZERO; 26 LO)	Default (0 HO).		
169	06451750	Cottonwood Creek tributary near Winner, SD	10	1971–80	10	1971–80	--	1.834	.378	-.064	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
170	06452000	White River near Oacoma, SD	73	1929–2001	73	1929–2001	--	4.058	.288	.083	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Minor tributary to Missouri River (Group 6)													
171	06452250	Fivemile Creek tributary near Iona, SD	10	1970–79	10	1970–79	--	1.547	0.307	-0.194	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
172	06452320	Platte Creek near Platte, SD	13	1989–2001	13	1989–2001	--	2.562	.792	-.162	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					26	1967–79, 1989–2001	2STA	2.461	.774	-.712	STA	NA	NA.
173	06453150	Choteau Creek tributary near Tripp, SD	10	1970–79	10	1970–79	--	1.469	.548	-.074	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
174	06453250	Choteau Creek tributary near Wagner, SD	10	1970–79	10	1970–79	--	1.531	.475	.040	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					54	1939–40, 1950–2001	2STA	1.695	.446	.040	WGHT	NA	NA.
175	06453255	Choteau Creek near Avon, SD	19	1983–2001	19	1983–2001	--	3.017	.540	.013	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					40	1962–2001	2STA	2.806	.618	-.420	STA	NA	NA.
176	06453400	Ponca Creek near Naper, NE	14	1961–74	14	1961–74	--	2.854	.405	.003	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
177	06463900	Antelope Creek near Mission, SD	12	1990–2001	12	1990–2001	--	1.727	.125	.278	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
178	06464100	Keya Paha River near Keyapaha, SD	20	1982–2001	20	1982–2001	--	2.691	.297	-.149	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
179	06464500	Keya Paha River at Wewela, SD	54	1939–40, 1950–2001	54	1939–40, 1950–2001	--	2.893	.397	.052	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
James River Basin													
180	06471000	James River at Columbia, SD	56	1946–2001	56	1946–2001	--	2.670	0.675	-0.680	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
							--	2.693	.628	-.832	STA	Default (1 ZERO; 1 LO)	Default (0 HO).
181	06471050	Elm River tributary near Leola, SD	25	1956–80	25	1956–80	--	1.713	.531	-.043	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
James River Basin—Continued													
182	06471200	Maple River at North Dakota-South Dakota State line	45	1957–2001	45	1957–2001	--	2.637	0.673	-0.357	WGHT	Default (3 ZERO; 0 LO)	Default (0 HO).
							--	2.693	.612	-.391	WGHT	LOC=100 ft ³ /s (3 ZERO; 7 LO)	Default (0 HO).
183	06471350	Maple River at Frederick, SD	14	1956–69	14	1956–69	--	2.465	.746	-.103	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
					46	1956–2001	MIX	2.655	.639	-.357	WGHT	LOC=100 ft ³ /s (3 ZERO; 8 LO)	Default (0 HO).
184	06471400	Willow Creek tributary near Leola, SD	25	1956–80	25	1956–80	--	1.231	.429	.214	WGHT	Default (3 ZERO; 0 LO)	Default (1 HO).
185	06471450	Willow Creek tributary near Barnard, SD	21	1956–76	21	1956–76	--	.786	.554	-.329	WGHT	Default (3 ZERO; 0 LO)	Default (0 HO).
186	06471500	Elm River at Westport, SD	55	1947–2001	55	1947–2001	--	2.839	.761	-.423	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.945	.646	-.574	WGHT	LOC=122 ft ³ /s (0 ZERO; 13 LO)	Default (0 HO).
187	06472000	James River near Stratford, SD	26	1950–72, 1977, 1997, 2001	26	1950–72, 1977, 1997, 2001	--	2.714	.695	-.338	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
					62	1929–32, 1944–2001	MIX	2.805	.477	-.008	WGHT	LOC=100 ft ³ /s (1 ZERO; 6 LO)	HOC=8,400 ft ³ /s (1 HO).
188	06472200	Mud Creek tributary near Groton, SD	17	1960–69, 1974–80	17	1960–69, 1974–80	--	1.434	.730	-.291	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
189	06472250	Mud Creek tributary no. 2 near Groton, SD	21	1960–80	21	1960–80	--	1.550	.655	-.276	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
190	06472500	Mud Creek near Stratford, SD	19	1956–73, 1977	19	1956–73, 1977	--	1.647	.904	-.329	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
James River Basin—Continued													
191	06473000	James River at Ashton, SD	56	1946–2001	56	1946–2001	--	2.869	0.498	-0.083	WGHT	Default (1 ZERO; 1 LO)	Default (0 HO).
					56 (121)	1946–2001 (1881–2001)	HIST	2.858	.486	-.088	WGHT	Default (1 ZERO; 1 LO)	HOC=9,150 ft ³ /s (1 HO).
192	06473300	Preachers Run tributary at Ipswich, SD	13	1971–80, 1999–2001	13	1971–80, 1999–2001	--	1.221	.466	-.217	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
193	06473350	South Fork Snake Creek tributary near Seneca, SD	10	1971–80	10	1971–80	--	1.239	.350	-.449	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
194	06473500	South Fork Snake Creek near Athol, SD	24	1950–73	24	1950–73	--	2.020	.926	-.076	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
							--	2.066	.885	-.100	WGHT	LOC=10 ft ³ /s (2 ZERO; 4 LO)	Default (0 HO).
195	06473700	Snake Creek near Ashton, SD	26	1956–72, 1977–79, 1985–89, 1997	26	1956–72, 1977–79, 1985–89, 1997	--	2.335	.956	-.243	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
					26 (55)	1956–72, 1977–79, 1985–89, 1997 (1947–2001)	HIST	2.297	.916	-.269	WGHT	Default (2 ZERO; 0 LO)	HOC=15,000 ft ³ /s (1 HO).
196	06473750	Wolf Creek near Ree Heights, SD	27	1960–81, 1985–89	27	1960–81, 1985–89	--	1.078	1.298	-.467	WGHT	Default (9 ZERO; 0 LO)	Default (0 HO).
197	06473800	Matter Creek tributary near Orient, SD	16	1956–71	16	1956–71	--	1.100	1.032	-.327	WGHT	Default (4 ZERO; 0 LO)	Default (0 HO).
							--	1.100	1.032	-.863	STA	Default (4 ZERO; 0 LO)	Default (0 HO).
198	06473820	Shaefer Creek near Orient, SD	25	1956–80	25	1956–80	--	1.801	.721	-.114	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
199	06473850	Shaefer Creek tributary near Orient, SD	25	1956–80	25	1956–80	--	1.411	.637	-.350	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
James River Basin—Continued													
200	06473880	Shaefer Creek tributary near Miller, SD	25	1956–80	25	1956–80	--	1.201	0.699	-0.151	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
201	06474000	Turtle Creek near Tulare, SD	36	1954–56, 1966–81, 1985–2001	36	1954–56, 1966–81, 1985–2001	--	2.184	1.205	-.460	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
					53	1946–81, 1985–2001	MIX	2.392	.906	-.450	WGHT	LOC=200 ft ³ /s (2 ZERO; 22 LO)	Default (0 HO).
202	06474300	Medicine Creek near Zell, SD	27	1960–81, 1985–89	27	1960–81, 1985–89	--	2.035	.871	-.295	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.171	.704	-.216	WGHT	LOC=17 ft ³ /s (0 ZERO; 7 LO)	Default (0 HO).
203	06474500	Turtle Creek at Redfield, SD	28	1946–72, 1997	28	1946–72, 1997	--	2.390	.931	-.061	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					53	1946–81, 1985–2001	MIX	2.415	.930	-.500	WGHT	LOC=47 ft ³ /s (0 ZERO; 15 LO)	Default (0 HO).
204	06475000	James River near Redfield, SD	52	1950–2001	52	1950–2001	--	3.026	.545	-.236	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					52 (121)	1950–2001 (1881–2001)	HIST	3.051	.471	.042	WGHT	LOC=250 ft ³ /s (0 ZERO; 6 LO)	HOC=17,000 ft ³ /s (1 HO).
205	06475500	Dry Run near Frankfort, SD	23	1956–78	23	1956–78	--	.837	1.426	-.449	WGHT	Default (7 ZERO; 0 LO)	Default (0 HO).
							--	.671	1.65	-.885	STA	LOC=2 ft ³ /s (7 ZERO; 3 LO)	Default (0 HO).
206	06475550	Dry Run tributary near Frankfort, SD	13	1967–79	13	1967–79	--	1.211	.552	.049	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
207	06475850	Foster Creek tributary near Carpenter, SD	12	1972–80, 1999–2001	12	1972–80, 1999–2001	--	1.409	.509	-.209	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
208	06475950	Shue Creek tributary near Yale, SD	12	1968–79	12	1968–79	--	1.017	.681	-.389	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
James River Basin—Continued													
209	06476000	James River at Huron, SD	62	1929–32, 1944–2001	62	1929–32, 1944–2001	--	3.204	0.472	-0.015	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					62 (121)	1929–32, 1944–2001 (1881–2001)	HIST	3.195	.460	-.007	STA	Default (0 ZERO; 1 LO)	HOC=23,400 ft ³ /s (1 HO).
210	06476500	Sand Creek near Alpena, SD	48	1950–97	48	1950–97	--	2.363	.740	-.675	WGHT	Default (1 ZERO; 2 LO)	Default (0 HO).
							--	2.436	.610	-.588	STA	LOC=20 ft ³ /s (1 ZERO; 5 LO)	Default (0 HO).
211	06477000	James River near Forestburg, SD	52	1950–2001	52	1950–2001	--	3.249	.583	-.253	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					52 (121)	1950–2001 (1881–2001)	HIST	3.236	.570	-.303	STA	Default (0 ZERO; 0 LO)	HOC=25,600 ft ³ /s (1 HO).
212	06477140	Rock Creek tributary near Roswell, SD	10	1970–79	10	1970–79	--	1.627	.456	-.292	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
213	06477150	Rock Creek near Fulton, SD	26	1967–79, 1989–2001	26	1967–79, 1989–2001	--	2.203	.990	-.414	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.337	.835	-.839	STA	LOC=6 ft ³ /s (0 ZERO; 5 LO)	Default (0 HO).
214	06477400	Firesteel Creek tributary near Wessington Springs, SD	12	1968–79	12	1968–79	--	1.223	.355	-.334	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
215	06477500	Firesteel Creek near Mount Vernon, SD	46	1956–2001	46	1956–2001	--	2.538	1.030	-.668	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.660	.816	-.801	STA	LOC=2 ft ³ /s (0 ZERO; 4 LO)	Default (0 HO).
216	06478000	James River near Mitchell, SD	14	1954–58, 1966–72, 1995, 1997	14	1954–58, 1966–72, 1995, 1997	--	3.384	.549	.198	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					73 (121)	1929–2001 (1881–2001)	HIST, MIX	3.290	.497	.067	WGHT	LOC=250 ft ³ /s (0 ZERO; 5 LO)	HOC=28,000 ft ³ /s (1 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
James River Basin—Continued													
217	06478050	Enemy Creek tributary near Mount Vernon, SD	11	1969–79	11	1969–79	--	1.445	0.383	-0.137	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
218	06478052	Enemy Creek near Mitchell, SD	25	1976–87, 1989–2001	25	1976–87, 1989–2001	--	2.302	1.172	-.624	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
							--	2.537	.757	-.638	STA	LOC=1 ft ³ /s (0 ZERO; 4 LO)	Default (0 HO).
219	06478200	Coffee Creek tributary near Parkston, SD	12	1968–79	12	1968–79	--	1.360	.349	.074	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
220	06478250	North Branch Dry Creek tributary near Parkston, SD	12	1956–67	12	1956–67	--	1.251	.965	-.228	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							--	1.337	.868	-.257	WGHT	LOC=1 ft ³ /s (1 ZERO; 2 LO)	Default (0 HO).
221	06478260	North Branch Dry Creek near Parkston, SD	23	1956–78	23	1956–78	--	1.918	.834	-.150	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
222	06478280	South Branch Dry Creek near Parkston, SD	25	1956–80	25	1956–80	--	1.716	.654	.106	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
223	06478300	Dry Creek near Parkston, SD	34	1956–80, 1989–97	34	1956–80, 1989–97	--	2.042	.899	-.169	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							--	1.894	1.058	-.556	STA	LOC=68 ft ³ /s (1 ZERO; 14 LO)	Default (0 HO).
224	06478390	Wolf Creek near Clayton, SD	26	1976–2001	26	1976–2001	--	2.735	.725	-.373	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							--	2.803	.627	-.318	WGHT	LOC=31 ft ³ /s (0 ZERO; 3 LO)	Default (0 HO).
225	06478400	Lonetree Creek tributary near Kaylor, SD	10	1970–79	10	1970–79	--	1.510	.265	.014	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
226	06478500	James River near Scotland, SD	73	1929–2001	73	1929–2001	--	3.388	.503	.077	WGHT	Default (0 ZERO; one LO)	Default (0 HO).
					73 (121)	1929–2001 (1881–2001)	HIST	3.376	.491	.064	WGHT	Default (0 ZERO; one LO)	HOC=28,000 ft ³ /s (2 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

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Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Vermillion River Basin													
227	06478540	Little Vermillion River near Salem, SD	35	1967–2001	35	1967–2001	--	1.940	0.896	-0.582	WGHT	Default (3 ZERO; 0 LO)	Default (0 HO).
228	06478630	West Fork Vermillion River near De Smet, SD	10	1970–79	10	1970–79	--	.980	.497	-.127	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
229	06478650	West Fork Vermillion River tributary near Monroe, SD	11	1969–79	11	1969–79	--	1.598	.294	.201	WGHT	Default (0 ZERO; 1 LO)	Default (1 HO).
230	06478690	West Fork Vermillion River near Parker, SD	40	1962–2001	40	1962–2001	--	2.811	.606	-.200	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
							--	2.873	.540	-.218	WGHT	LOC=170 ft ³ /s (0 ZERO plus 10 LO)	Default (0 HO).
231	06478800	Saddlerock Creek near Canton, SD	23	1956–78	23	1956–78	--	1.855	.626	-.021	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
232	06478820	Saddlerock Creek tributary near Beresford, SD	25	1956–80	25	1956–80	--	1.184	.563	-.157	WGHT	Default (3 ZERO; 0 LO)	Default (0 HO).
233	06478840	Saddlerock Creek near Beresford, SD	24	1956–70, 1972–80	24	1956–70, 1972–80	--	1.824	.712	.117	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
234	06478950	Ash Creek near Beresford, SD	11	1969–79	11	1969–79	--	2.351	.426	-.329	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
235	06479000	Vermillion River near Wakonda, SD	56	1946–2001	56	1946–2001	--	3.162	.509	-.163	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
236	06479010	Vermillion River near Vermillion, SD	18	1984–2001	18	1984–2001	--	3.318	.455	.081	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					56	1946–2001	2STA	3.207	.441	.081	WGHT	NA	NA.
237	06479020	Smoky Run near Irene, SD	11	1969–79	11	1969–79	--	1.240	.386	-.050	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
Big Sioux River Basin													
238	06479200	Big Sioux River near Ortle, SD	13	1956–68	13	1956–68	--	2.126	0.551	-0.249	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

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Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Big Sioux River Basin—Continued													
239	06479215	Big Sioux River near Florence, SD	18	1984–2001	18	1984–2001	--	2.480	0.667	-0.595	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
240	06479240	Big Sioux River tributary no. 2 near Summit, SD	18	1956–73	18	1956–73	--	.931	.539	-.232	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
241	06479260	Big Sioux River tributary no. 3 near Summit, SD	23	1956–78	23	1956–78	--	1.907	.715	-.547	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
242	06479350	Soo Creek tributary near South Shore, SD	10	1970–79	10	1970–79	--	1.631	.566	-.170	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
243	06479438	Big Sioux River near Watertown, SD	29	1973–2001	29	1973–2001	--	2.894	.649	-.490	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					29 (121)	1973–2001 (1881–2001)	HIST	2.867	.626	-.567	STA	Default (0 ZERO; 0 LO)	HOC=8,000 ft ³ /s (1 HO).
244	06479500	Big Sioux River at Watertown, SD	30	1946–72, 1997, 2000–2001	30	1946–72, 1997, 2000–2001	--	2.459	.745	-.619	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					48	1954–2001	2STA	2.374	.746	-.619	WGHT	NA	NA.
245	06479515	Willow Creek near Watertown, SD	18	1972–86, 1997, 2000–2001	18	1972–86, 1997, 2000–2001	--	2.776	.463	-.353	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					18 (30)	1972–86, 1997, 2000–2001 (1972–2001)	HIST	2.758	.446	-.361	WGHT	Default (0 ZERO; 1 LO)	HOC=3,650 ft ³ /s (1 HO).
246	06479525	Big Sioux River near Castlewood, SD	25	1977–2001	25	1977–2001	--	2.920	.396	-.365	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
247	06479529	Stray Horse Creek near Castlewood, SD	17	1969–85	17	1969–85	--	2.913	.534	-.088	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					17 (27)	1969–85 (1969–96)	HIST	2.884	.498	-.117	WGHT	Default (0 ZERO; 0 LO)	HOC=14,000 ft ³ /s (1 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Big Sioux River Basin—Continued													
248	06479550	Dolph Creek tributary near Lake Norden, SD	10	1970–79	10	1970–79	--	1.139	0.507	-0.360	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
249	06479640	Hiwood Creek near Eestlline, SD	29	1969–85, 1990–2001	29	1969–85, 1990–2001	--	2.979	.471	-.091	WGHT	Default (0 ZERO; 0 LO)	Default (1 HO).
					29 (33)	1969–85, 1990–2001 (1969–2001)	HIST	2.974	.464	-.110	WGHT	Default (0 ZERO; 0 LO)	HOC=17,300 ft ³ /s (1 HO).
250	06479750	Peg Munky Run near Estelline, SD	25	1956–80	25	1956–80	--	2.363	.627	-.475	WGHT	LOC=75 ft ³ /s (0 ZERO; 6 LO)	Default (0 HO).
251	06479800	North Deer Creek near Estelline, SD	25	1956–80	25	1956–80	--	2.235	.734	.012	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
252	06479810	North Deer Creek tributary near Brookings, SD	11	1969–79	11	1969–79	--	1.367	.628	-.173	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
253	06479900	Sixmile Creek tributary near Brookings, SD	21	1956–76	21	1956–76	--	2.012	.747	-.352	WGHT	Default (1 ZERO; 0 LO)	Default (0 HO).
							--	2.066	.708	-.640	STA	LOC=11 ft ³ /s (1 ZERO; 4 LO)	Default (0 HO).
254	06479910	Sixmile Creek near Brookings, SD	10	1971–80	10	1971–80	--	2.492	.376	-.407	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					48	1954–2001	2STA	2.514	.521	-.407	WGHT	NA	NA.
255	06479928	Battle Creek near Nunda, SD	10	1988–97	10	1988–97	--	2.786	.496	-.248	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					48	1954–2001	2STA	2.575	.623	-.400	GEN	NA	NA.
256	06479950	Deer Creek near Brookings, SD	25	1956–80	25	1956–80	--	1.677	.842	-.481	WGHT	Default (2 ZERO; 0 LO)	Default (0 HO).
							--	1.769	.733	-.559	STA	LOC=6 ft ³ /s (2 ZERO; 4 LO)	Default (0 HO).
257	06479980	Medary Creek near Brookings, SD	21	1981–2001	21	1981–2001	--	2.821	.533	-.155	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
Big Sioux River Basin—Continued													
258	06480000	Big Sioux River near Brookings, SD	48	1954–2001	48	1954–2001	HIST	3.386	0.516	-0.365	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					48 (121)	1954–2001 (1881–2001)	HIST	3.372	.500	-.437	WGHT	Default (0 ZERO; 0 LO)	HOC=33,900 ft ³ /s (1 HO).
259	06480400	Spring Creek near Flandreau, SD	11	1983–93	11	1983–93	--	2.752	.520	-.282	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
260	06480650	Flandreau Creek above Flandreau, SD	20	1982–2001	20	1982–2001	--	2.912	.383	-.406	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
261	06480720	Bachelor Creek tributary near Wentworth, SD	11	1969–79	11	1969–79	--	1.046	.569	-.378	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
262	06481000	Big Sioux River near Dell Rapids, SD	53	1949–2001	53	1949–2001	--	3.519	.467	-.092	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
					53 (121)	1949–2001 (1881–2001)	HIST	3.507	.452	-.120	WGHT	Default (0 ZERO; 1 LO)	HOC=41,300 ft ³ /s (1 HO).
263	06481500	Skunk Creek at Sioux Falls, SD	53	1949–2001	53	1949–2001	--	3.124	.578	-.251	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					53 (121)	1949–2001 (1881–2001)	HIST	3.110	.561	-.251	WGHT	Default (0 ZERO; 0 LO)	HOC=29,400 ft ³ /s (1 HO).
264	06482020	Big Sioux River at North Cliff Avenue at Sioux Falls, SD	31	1969, 1972–2001	31	1969, 1972–2001	--	3.645	.411	.101	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					58 (121)	1944–2001 (1881–2001)	COMB	3.587	.416	.063	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
							COMB, HIST	3.577	.404	.065	WGHT	Default (0 ZERO; 0 LO)	HOC=40,700 ft ³ /s (1 HO).
265	06482600	West Pipestone Creek tributary near Garretson, SD	11	1969–79	11	1969–79	--	2.067	.665	-.536	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
266	06482610	Split Rock Creek at Corson, SD	32	1966–97	32	1966–97	--	3.384	.457	-.010	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
267	06482745	Beaver Creek at Valley Springs, SD	11	1986–96	11	1986–96	--	2.810	.439	-.214	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).

Table 9. Selected information regarding analytical procedures used in deriving peak-flow frequency estimates.—Continued

[Shaded cells identify selected procedures, whereas unshaded cells identify unused default procedure. Record extension or frequency-curve adjustment method: 2STA, two-station analysis (see table 3); BHMPA, Black Hills mixed-population analysis (see table 5); BHORD, Black Hills ordinary-peaks population; COMB, records for multiple stations combined for analysis (see table 2); HIST, historical analysis (see table 4); MIX, mixed-station procedure (see table 3). Skew type: GEN, generalized; STA, station; WGHT, weighted. Outlier information includes number of: ZERO, zero-flow values; LO, low outliers; and HO, high outliers, for default procedure and for non-default, user-defined applications: LOC, low-outlier criteria; and HOC, high-outlier criteria defined for historical analysis. ft³/s, cubic feet per second; --, not used; NA, not applicable]

Map number (fig. 1)	Station number	Station name	Characteristics of systematic record		Characteristics of analysis period		Record-extension or frequency-curve adjustment method	Final log-distribution parameters used in log-Pearson III curve fit				Outlier information	
			Systematic record length (years)	Period of systematic record (water years)	Analysis period length (years)	Analysis period (water years)		Mean of logs	Standard deviation of logs	Analysis skew	Skew type	Low outliers	High outliers
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268	06482848	Beaver Creek at Canton, SD	19	1983–2001	19	1983–2001	--	2.719	0.563	-0.496	WGHT	Default (0 ZERO; 1 LO)	Default (0 HO).
							--	2.823	.407	-.153	WGHT	LOC=100 ft ³ /s (0 ZERO; 4 LO)	Default (0 HO).
269	06482870	Little Beaver Creek tributary near Canton, SD	18	1956–73	18	1956–73	--	1.401	.286	.040	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
270	06485500	Big Sioux River at Akron, IA	73	1929–2001	73	1929–2001	--	3.994	.436	-.295	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
					73 (121)	1929–2001 (1881–2001)	HIST	3.989	.431	-.301	WGHT	Default (0 ZERO; 0 LO)	HOC=80,800 ft ³ /s (1 HO).
271	06485550	West Union Creek near Alcester, SD	11	1969–79	11	1969–79	--	2.556	.480	-.292	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).
272	06485696	Brule Creek near Elk Point, SD	12	1983–94	12	1983–94	--	3.126	.361	-.024	WGHT	Default (0 ZERO; 0 LO)	Default (0 HO).