Table 1. Comparison of peak stage and streamflow data for February through May 1997, to previous maximums for period of record at selected gaging stations

[mi^2, square miles; ft, feet; ft^3/s, cubic feet per second; --, no data, not computed, or not determined; <, less than; >, greater than; BW, backwater; (-), reverse flow; e, estimated]

Station number	Station name	Period of record (water years)	Contributing drainage area, (mi^2)	Flood of February-May 1997				Previous maximum		
				Peak stage (ft)	Peak flow (ft^3/s)	Date	Recurrence interval range[1] (years)	Peak stage (ft)	Peak flow (ft^3/s)	Date
05051650	La Belle Creek near Veblen	1988-97	8.74	12.57 10.60	BW [2]100	4/1 4/4	--	8.58 7.34	BW 664	3/26/89 5/18/96
05289985	Big Coulee Creek near Peever	1988-97	12.1	9.43 7.72	BW 358	3/27 4/5	--	9.08 8.21	BW 456	3/11/95 6/21/91
05292704	North Fork Yellow Bank River near Odessa, MN	1992-97	208	18.02 15.94	BW 4,760	3/29 3/31	--	14.62	2,580	7/8/94
05299700	Cobb Creek near Gary	1993-97	70.3	13.99	[2]2,100	3/31	--	12.09	860	6/17/92
06354860	Spring Creek near Herreid	1963-86, 1989-96	220	12.64	2,680	4/1	10-25	12.56 12.18	1,570 1,630	7/27/93 3/15/95
06354882	Oak Creek near Wakpala	1985-97	356	19.62	[2]7,500	3/27	50-100	18.62 17.73	BW 3,780	3/14/95 3/4/86
06357800	Grand River at Little Eagle	1959-97	5,370	19.58 16.96	BW 20,900	3/24 3/27	25-50	21.76 19.16	BW 31,000	3/18/66 3/23/87
06360500	Moreau River near Whitehorse	1955-97	4,880	27.68 26.93	BW 29,700	3/21 3/23	25-50	26.20 26.00	BW 27,700	3/14/72 5/24/82
06442000	Medicine Knoll near Blunt	1950-97	317	13.15	e4,000	3/28	25-50	12.98	--	6/5/91
06442718	Campbell Creek near Lee's Corner	1988-97	54.1	14.40	[2]800	3/21	--	15.01	3,260	7/24/93
06452000	White River near Oacoma	1929-97	9,940	23.84 --	BW [2]29,100	2/20 2/21	10-25	24.70 [3]15.40	BW 51,900	3/4/94 3/30/52
06452320	Platte Creek near Platte	1989-97	741	12.67 9.13	BW 1,680	5/8 2/20	--	11.29	2,600	5/11/95
06471000	James River at Columbia	1946-97	2,481	19.08 18.63 19.02	BW [2]4,130 (-2,430	4/19 4/30 3/30)	25-50	18.50 16.15 15.66	BW 2,340 (-1,320	5/13/95 5/3/79 3/16/95)
06471200	Maple River at North Dakota-South Dakota State line	1957-97	384	16.19	[2]5,300	3/29	25-50	16.05	[2]5,930	4/11/69
06471500	Elm River at Westport	1946-97	1,049	21.56	[2]9,380	3/30	10-25	22.11	12,600	4/10/69
06472000	James River near Stratford	1950-72, 1977, 1995, 1997	4,860	19.48	8,400	4/6	50-100	19.86 --	-- 5,580	5/18/95 5/14/50
06473000	James River at Ashton	1946-97	5,673	26.64 25.03	BW [2]9,150 (-8,400	4/6 4/23 3/31)	 >100	22.39 20.63 --	BW [2]5,680 (-2,100	5/18/95 4/24/69 4/9/69)
06473700	Snake Creek near Ashton	1956-72, 1977-79, 1985-89, 1997	2,609	20.74	15,000	4/1	>100	[3]17.21	6,980	4/10/69
06474000	Turtle Creek near Tulare	1954-56, 1966-81, 1985-97	1,124	19.32 18.80	BW 13,500	3/26 3/28	25-50	18.51	[2]6,000	4/5/69
06474500	Turtle Creek at Redfield	1946-72	1,481	18.32	13,500	3/29	50-100	15.94	7,660	4/7/69
06475000	James River near Redfield	1950-97	9,793	31.10 29.92	BW 17,000	4/6 4/3	>100	26.26	9,800	5/15/95
06476000	James River at Huron	1929-32, 1944-97	11,721	21.28	23,400	4/6	>500	16.86	10,000	5/19/95
06476500	Sand Creek near Alpena	1950-97	261	13.45	[2]2,000	3/23	10-25	14.10 13.35	BW 2,240	3/28/50 3/28/60

Table 1. Comparison of peak stage and streamflow data for February through May 1997, to previous maximums for period of record at selected gaging stations—Continued

Station number	Station name	Period of record (water years)	Contributing drainage area, (mi^2)	Flood of February-May 1997				Previous maximum		
				Peak stage (ft)	Peak flow (ft^3/s)	Date	Recurrence interval range[1] (years)	Peak stage (ft)	Peak flow (ft^3/s)	Date
06477000	James River near Forestburg	1950-97	13,442	20.61	25,600	4/6	>100	17.26 17.08	BW 13,000	4/22/95 5/18/95
06477150	Rock Creek near Fulton	1967-79, 1989-97	240	13.74	3,120	3/29	10-25	[3]10.21	2,040	4/7/69
06478000	James River near Mitchell	1954-58, 1966-72, 1995, 1997	14,916	23.14	28,000	4/7	50-100	20.43	16,200	4/23/95
06478500	James River near Scotland	1929-97	16,505	19.87	28,000	4/9	50-100	20.45	29,400	6/23/84
06478513	James River near Yankton	1982-97	16,794	22.94	28,800	4/9	10-25	24.34	26,400	6/23/84
06478535	East Fork Vermillion River near Ramona	1987-89, 1996-97	508	8.50	1,600	4/30	--	8.39 7.87	BW 350	2/12/96 11/4/95
06478540	Little Vermillion River near Salem	1967-97	78.6	10.01	1,560	3/28	10-25	11.95	3,300	7/4/93
06478600	East Fork Vermillion River near Parker	1996-97	973	12.75 12.73	BW 4,210	3/22 3/29	--	8.13	1,380	6/3/96
06479000	Vermillion River near Wakonda	1946-97	1,676	16.93	6,150	3/30	10-25	17.62	17,000	6/23/84
06479010	Vermillion River near Vermillion	1984-97	1,808	22.10	6,070	4/2	5-10	31.77	21,400	6/23/84
06479215	Big Sioux River near Florence	1984-97	68	9.52 9.32	BW 2,000	4/2 4/4	10-25	9.18 9.08	1,280 1,810	7/25/93 3/29/86
06479430	Still Lake Outflow near Florence	1996-97	--	7.43 [4]6.67	BW [4]408	4/7 4/19	--	Seasonal gage		
06479438	Big Sioux River near Watertown	1973-97	228	12.09	7,820	4/5	25-50	11.13 11.08	BW 4,970	6/21/91 3/30/86
06479450	Lake Kampeska inlet/outlet near Watertown	1994-97	28.8	25.78 [4]24.87	5,890 [4]1,410	4/6 into lake 4/10 out of lake	-- --	--	--	--
06479500	Big Sioux River at Watertown	1946-72, 1997	350	12.49	5,800	4/6	>500	11.40 10.30	BW 2,220	4/8/69 4/9/52
06479515	Willow Creek near Watertown	1972-86, 1997	110	10.93	3,650	4/5	10-25	9.12 7.50	BW 4,040	3/28/78 6/15/84
06479520	Big Sioux River below Watertown	1995-97	511	13.13 12.99	BW 6,300	4/2 4/11	--	11.78 11.74	BW [2]1,600	3/13/96 3/12/95
06479525	Big Sioux River near Castlewood	1977-97	570	13.19 12.87	BW [2]4,300	4/7 4/11	>100	11.73	2,250	3/30/86
06479980	Medary Creek near Brookings	1981-97	200	13.02	[2]3,500	3/28	10-25	11.78	3,710	7/4/93
06480000	Big Sioux River near Brookings	1954-97	2,419	13.29 13.02	BW 11,100	4/8 4/2	10-25	14.77	33,900	4/9/69
06481000	Big Sioux River near Dell Rapids	1949-97	3,004	15.54	16,500	4/7	10-25	16.47	41,300	4/9/69
06482020	Big Sioux River at North Cliff Avenue at Sioux Falls	1972-97	3,729	23.11	17,700	4/7	25-50	25.40	21,600	6/22/84
06485500	Big Sioux River at Akron, IA	1929-97	6,937	22.63	31,300	4/9	5-10	23.05 22.99	66,700 80,800	5/10/93 4/9/69

[1]Recurrence intervals given for stations with 10 or more years of record through 1996.
[2]Stage-flow relation affected by backwater.
[3]Site and datum then in use.
[4]Mean daily.