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

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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

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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
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
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

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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.