

**Table 49.** Maximum stages and discharges prior to and during July and August 1993, in eastern and south-central North Dakota

[mi<sup>2</sup>, square miles; ft, feet above an arbitrary datum; ft<sup>3</sup>/s, cubic feet per second; <, less than; --, not determined or not applicable; >, greater than. Source: Recurrence intervals calculated from U.S. Geological Survey data. Other data from U.S. Geological Survey reports or data bases]

Site no. (fig. 74)	Station no.	Stream and place of determination	Drainage area (mi <sup>2</sup> )	Maximum prior to July and August 1993				Maximum during July and August 1993			
				Period	Year	Stage (ft)	Dis-charge (ft <sup>3</sup> /s)	Date (month/day)	Stage (ft)	Discharge (ft <sup>3</sup> /s)	Discharge recurrence interval (years)
1	05056100	Mauvais Coulee near Cando, ND	387	1956-93	1979	11.18	2,660	8/2	8.83	711	<10
2	05056200	Edmore Coulee near Edmore, ND	382	1956-93	1979	87.10	1,110	7/30	87.76	1,180	10
3	05056215	Edmore Coulee tributary near Webster, ND	148	1986-93	1987	72.48	739	8/2	75.06	1,330	--
4	05056239	Starkweather Coulee near Webster, ND	310	1979-93	1987	--	570	7/30	8.43	335	<10
					1989	10.05	--				
5	05056400	Big Coulee near Churchs Ferry, ND	<sup>1</sup> 1,620	1950-93	1979	7.59	1,420	8/30	6.94	348	<10
6	05056410	Channel A near Penn, ND	930	1983-93	1987	42.87	<sup>2</sup> 1,090	8/15	43.67	1,560	10
7	05057000	Sheyenne River near Cooperstown, ND	6,470	1944-93	1950	18.69	7,830	7/25	18.33	2,780	<10
8	05058000	Sheyenne River below Baldhill Dam, ND	7,470	1949-93	1979	36.26	4,740	7/28	34.98	3,720	<sup>3</sup> 10
9	05058500	Sheyenne River at Valley City, ND	7,810	1938-75,	1948	--	4,580	7/16	<sup>1</sup> 18.05	--	<sup>3</sup> 25
				1979-93	1969	17.62	--	7/28	--	3,830	--
10	05060500	Rush River at Amenia, ND	116	1946-93	1966	12.15	--	7/17	10.23	2,970	50
					1979		3,490				
11	06341800	Painted Woods Creek near Wilton, ND	427	1958-81,	1979	9.64	4,050	7/23	8.13	1,580	10
				1982-93							
12	06347500	Big Muddy Creek near Almont, ND	456	1946-73,	1950	30.70	20,200	7/23	30.99	8,390	25
				1991-93							
13	06348000	Heart River near Lark, ND	2,750	1946-93	1950	20.70	29,200	7/23	16.85	12,100	<sup>3</sup> 10
14	06467600	James River near Manfred, ND	253	1955-93	1979	9.20	2,000	7/23	9.40	2,700	>100
15	06468170	James River near Grace City, ND	1,060	1968-93	1969	12.00	3,100	7/28	13.49	3,520	10
16	06470000	James River at Jamestown, ND	2,820	1928-33,	1950	<sup>5</sup> 15.82	<sup>5</sup> 6,390	7/16	13.58	1,300	<sup>3</sup> 50
				1935,	1983	<sup>6</sup> 8.76	<sup>6</sup> 996				
				1937-39,							
				1943-93							

<sup>1</sup>Drainage area was reduced from about 2,510 to 1,620 square miles by the completion of Channel A in 1979.

<sup>2</sup>A maximum discharge of about 1,600 cubic feet per second occurred in May 1979 based on streamflow measurements made by the North Dakota State Water Commission.

<sup>3</sup>Discharge recurrence interval for regulated period.

<sup>4</sup>Maximum stage occurred on July 16.

<sup>5</sup>Maximum before 1973 regulation.

<sup>6</sup>Maximum after 1973 regulation.