# Discharge at High-Flow Partial-Record Stations, Low-Flow Sites, and Miscellaneous Sites

Discharge at High-Flow Partial-Record Stations

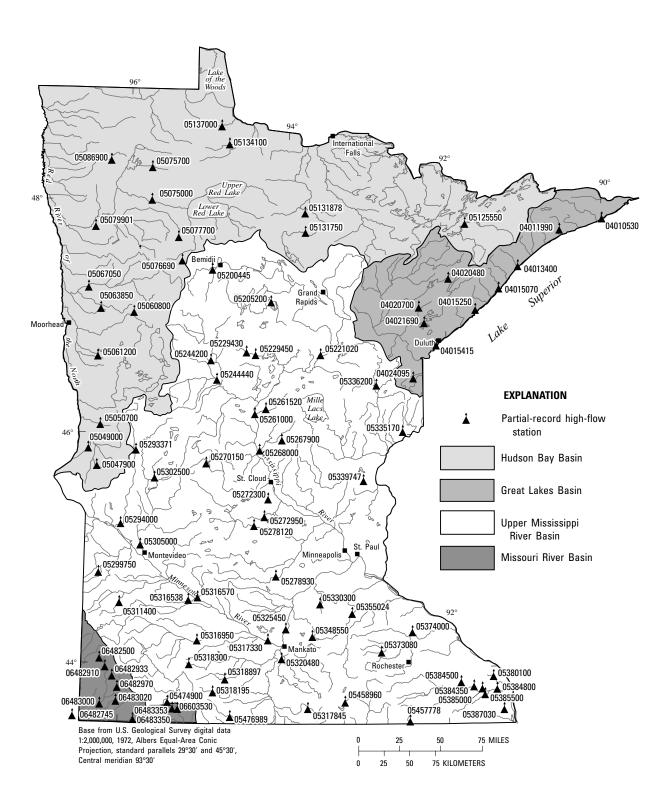


Figure 7. Location of high-flow partial-record stations.

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood-flow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at high-flow partial-record stations are presented in a table of annual maximum stage and discharge. Discharge measurements made at miscellaneous sites for both low flows and high flows are given in a second table.

The following table contains annual maximum discharges for high-flow (crest-stage) partial-record stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at high-flow sites during water year 2002 [--, data not available]

		Period	Water	year 2002	Maximum	Period of Record Maximum			
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	
Reservation River near Hovland [04010530]	Lat $47^{\circ}52'38''$ , long $89^{\circ}51'45''$ , in $SE^{1}/_{4} SW^{1}/_{4}$ sec. 6, T.62 N., R.5 E., Cook County, Hydrologic Unit 04010101, at bridge on U.S. Highway 61, on Grand Portage Indian Reservation, 1,200 feet upstream from mouth, and 5.5 miles northeast of Hovland [Drainage area: 16.5 mi <sup>2</sup> ].	2000- current year	11-25-01	2.63	349	04-24-01	a3.58	928	
Cascade River near Grand Marais [04011990]	Lat $47^{\circ}47'24''$ , long $90^{\circ}31'35''$ , in $\mathrm{SE}^1/_4\mathrm{SW}^1/_4\mathrm{sec.}$ 1., T.61 N., R.2 W., Cook County, Hydrologic Unit 04010101, at bridge on Forest Road 45, 6.6 miles upstream from mouth, 9.5 miles west of Grand Marais. [Drainage area: $87.6\mathrm{mi}^2$ ].	1985- current year	04-17-02	10.49	343	04-24-01	13.36	1,810	
Little Marais River near Lit- tle Marais [04013400]	Lat $47^{\circ}24'58''$ , long $91^{\circ}06'08''$ , in $\mathrm{SW}^{1}/_{4}\mathrm{SW}^{1}/_{4}\mathrm{sec}$ . 16, T.57 N., R.6 W., Lake County, Hydrologic Unit 04010101, at bridge on U.S. Highway 61, 0.5 mile northeast of Little Marais [Drainage area:4.47 $\mathrm{mi}^{2}$ ].	2000- current year	04-11-02	a17.44	b30	11-07-00	a18.14	b400	
Lake Superior Trib. at Split Rock State Park [04015070]	Lat $47^{\circ}11'33'$ , long $91^{\circ}123'29''$ , in $\mathrm{SE}^{1}/_{4}\mathrm{NE}^{1}/_{4}\mathrm{sec}$ . 6, T.54 N., R.8 W., Lake County, Hydrologic Unit 04010102, at culvert on U.S. Highway 61, 1 mile northeast of Split Rock River, 1.5 mile southwest of Split Rock Lighthouse State Park entrance, and 6 miles southwest of Beaver River [Drainage area: 3.27 mi²].	2001- current year	04-13-02	a16.13	b79	11-07-00	16.68	197	
Silver Creek tributary near Two Harbors [04015250]	Lat $47^{\circ}04'40''$ , long $91^{\circ}36'49''$ , in $SW^{1}/_{4}NE^{1}/_{4}$ sec. 16, T.53 N.,R.10 W., Lake County, Hydrologic Unit 04010102, at culvert on County Highway 3, 1.0 mile upstream from mouth, 4.5 miles northeast of Two Harbors [Drainage area: 3.62 mi <sup>2</sup> ].	1965- current year	06-23-02	c10.62	999	9-20-72	17.08	1,880	
Lake Superior Trib. on W. 9th St. in Duluth [04015415]	Lat $46^{\circ}45^{\circ}27^{\prime\prime\prime}$ , long $92^{\circ}09^{\prime}25^{\prime\prime\prime}$ , in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec. 6, T.49 N., R.14 W., St. Louis County, Hydrologic Unit 04010201, at culvert on West 9th St. in Duluth, 1.0 mile above mouth [Drainage area: 1.81 mi $^{2}$ ].	2001- current year	06-24-02	8.90	64	04-23-01	9.22	122	

			Water	year 2002	Maximum	Period (	of Record	l Maximum
Station Name and [Station Number]	Location and [Drainage area]	Period of Record	Date	Gage height	Discharge (ft <sup>3</sup> /s)	Date	Gage height	Discharge (ft <sup>3</sup> /s)
North Branch Whiteface River near Fairbanks [04020480]	Lat 47°22′20", long 91°56′28", in NW¹/4NW¹/4 sec. 1, T.56 N., R.13 W., St. Louis County, Hydrologic Unit 04010201, at culvert on County Highway 16, 2 miles upstream from the mouth of Jenkins Creek, 0.7 mile west of Fairbanks [Drainage area: 17.1 mi²].	1979- current year	04-16-02	(feet) 11.99	102	04-23-79	(feet) 13.67	660
Bug Creek at Shaw [04020700]	Lat $47^{\circ}06'40"$ , long $92^{\circ}21'03"$ , in $SW^1/_4SE^1/_4$ sec. 34, T.54 N., R.16 W., St. Louis County, Hydrologic Unit 04010201, at culverts on County Road 15 at Shaw, 7.5 miles upstream from mouth [Drainage area: $24.8~\text{mi}^2$ ].	1979- current year	06-23-02	17.75	1,250	07-05-99	18.00	1,350
Cloquet River near Toimi [04021690]	Lat $47^{\circ}21'00^{\circ}$ , long $91^{\circ}39'30^{\circ}$ , in $NE^{1}/_{4}SW^{1}/_{4}$ sec. 7, T.56 N., R.10 W., Lake County, Hydrologic Unit 04010202, at bridge on County Highway 2, 5.8 miles southeast of Toimi, 23 miles north of Two Harbors [Drainage area: $40.8 \text{ mi}^{2}$ ].	1986- current year	06-24-02	6.04	360	07-04-93	9.06	1,540
Nemadji River near Holyoke [04024095]	Lat 46°31'04", long 92°23'22", in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 32, T.47 N., R.16 W, Carlton County, Hydrologic Unit 04010301, at bridge on State Highway 23, 3.5 miles north of Holyoke, 7 miles south of Wrenshall [Drainage area: 127 $\mathrm{mi}^2$ ].	1972- current year	04-11-02	12.75	2,410	09-03-85	17.38	4,420
Twelvemile Creek near Dumont [05047900]	Lat $45^{\circ}42'58''$ , long $96^{\circ}20'54''$ , in $\mathrm{SE}^1/_4\mathrm{SW}^1/_4$ sec. 17, T.126 N., R.45 W., Traverse County, Hydrologic Unit 09020102, at bridge on Traverse County Road 6, 3 miles east of Dumont.[Drainage area:]	1996- current year	07-11-02	d4.46	36	04-06-97	13.63	b3,720
Mustinka River above Wheaton [05049000]	Lat $45^{\circ}49^{\circ}15^{\circ}$ , long $96^{\circ}29^{\circ}25^{\circ}$ , in $SW^{1}/_{4}SW^{1}/_{4}$ sec. 8, T.127 N., R.46 W., Traverse County, Hydrologic Unit 09020102, at bridge on U.S. Highway 75, 1 mile upstream from Chicago, Milwaukee and St. Paul railroad bridge, 0.5 mile north of Wheaton, about 8 miles above Lake Traverse [Drainage area: 810 mi <sup>2</sup> ] Prior to 2002 WY at datum 73.77 ft lower.	1915-24 <sup>#</sup> , 1930-58 <sup>#</sup> , 1985- current year	07-11-02	83.50	1,450	04-07-97 04-09-01	e97.40 e94.45	8,800 11,000
Rabbit River near Nashua [05050700]	Lat $46^{\circ}04^{\circ}30^{\circ}$ , long $96^{\circ}18^{\circ}24^{\circ}$ , in $SE^{1}/_{4}NE^{1}/_{4}$ sec. 15, T.130 N., R.45 W., Wilkin County, Hydrologic Unit 09020101, at bridge on County Road 19, 2.6 miles north of Nashua, 4.8 miles upstream from mouth of South Fork Rabbit River [Drainage area: 99.2 mi <sup>2</sup> ].	1979- current year	07-10-02	14.95	680	04-05-97	a15.76	b1,640
Buffalo River near Callaway [05060800]	Lat $47^{\circ}01^{\circ}17^{\circ}$ , long $95^{\circ}54^{\circ}43^{\circ}$ , in $SW^{1}/_{4}SW^{1}/_{4}$ sec. 17, T.141 N., R.41 W., Becker County, Hydrologic Unit 09020106, at culvert on U.S. Highway 59, 2.7 miles north of Callaway [Drainage area: $76.4 \text{ mi}^{2}$ ].	1960- current year	06-20-02	13.70	265	07-16-93	24.90	1,630

		Period	Water	year 2002	Maximum	Period o	of Record	Maximum
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Whiskey Creek at Barnesville [05061200]	Lat $46^{\circ}39'35"$ , long $96^{\circ}23'54"$ , in $SE^{1}/_{4}SW^{1}/_{4}$ sec. 20, T.137 N., R.45 W., Clay County, Hydrologic Unit 09020106, at culvert on State Highway 34, 0.7 mile upstream from Blue Eagle Lake, 1.0 mile northeast of Barnesville [Drainage area: 76.3 mi <sup>2</sup> ].	1961-64, 1965-66#, 1967- current year	06-24-02	5.22	180	05-31-85	7.12	660
State Ditch 45 Tributary near Ulen [05063850]	Lat $47^{\circ}06'28"$ , long $96^{\circ}25'03"$ , in $SE_{/4} SW^{1}_{/4}$ sec.17, T.142 N., R.45 W., Clay County, Hydrologic Unit 09020108, at culvert on 180th Ave. North, 7.5 miles northwest of Ulen [Drainage area: 3.26 mi <sup>2</sup> ].	2002- current year	06-09-02	18.27	£376	06-09-02	18.27	f376
Marsh River Ditch near Ada [05067050]	Lat $47^{\circ}17'46"$ , long $96^{\circ}26'09"$ , in $NE^1/_4NE^1/_4$ sec. 13, T.144 N., R. 46 W., Norman County, Hydrologic Unit 09020108, at bridge on County Highway 24, 3.5 miles southeast of Ada [Drainage area:].	1985- current year	06-24-02	19.64	2,000	06-24-02	19.64	2,000
Red Lake River at High Landing near Goodridge [05075000]	Lat $48^{\circ}02'34''$ , long $95^{\circ}48'28''$ , in $NW^1/_4NW^1/_4$ sec. 28, T.153 N., R.40 W., Pennington County, Hydrologic Unit 09020303, on left bank 50 ft upstream from County Highway 24 bridge at High Landing, 7 miles south of Goodridge and 33 miles upstream from Thief River Falls [Drainage area: 2,300 mi <sup>2</sup> ].	1929- 2000#, 2001- current year	07-10-02	10.14	2,030	07-07-75	13.39	4,060
Mud River near Grygla [05075700]	Lat $48^{\circ}19^{\circ}31^{\circ}$ , long $95^{\circ}44^{\circ}35^{\circ}$ , in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 23, T.156 N., R.40 W., Hydrologic Unit 09020304, Marshall County, at bridge on State Highway 89, 6 miles west of Grygla [Drainage area: 150 mi <sup>2</sup> ].	1979- current year	06-22-02	18.54	2,840	06-22-02	18.54	2,840
Clearwater River Trib. near Bagley [05076690]	Lat $47^{\circ}30'34''$ , long $95^{\circ}24'15''$ , in $\mathrm{SE}^1/_4\mathrm{NE}^1/_4\mathrm{sec}$ . 31, T.147 N., R.37 W., Clearwater County, Hydrologic Unit 09020305, at culvert on County State Aid Highway 28, 0.5 mile south of Bagley [Drainage area:].	2001- current year	06-23-02	c13.50		06-23-02	c13.50	
Ruffy Brook near Gonvick [05077700]	Lat $47^{\circ}44^{\circ}50^{\circ}$ , long $95^{\circ}24^{\prime}45^{\circ}$ , in $\mathrm{SE}^1/_4\mathrm{SE}^1/_4$ sec. 5, T.149 N., R.37 W., Clearwater County, Hydrologic Unit 09020305, at culvert on County Highway 67, 4.0 miles upstream from mouth, 4.8 miles east of Gonvick [Drainage area: $46.2~\mathrm{mi}^2$ ].	1960-78#, 1979-85, 1986#, - 1987- current year	06-20-02	5.83	407	04-19-96	5.78	455
Burnham Creek near Crookston [05079901]	Lat $47^{\circ}43^{\circ}59^{\circ}$ , long $96^{\circ}39^{\circ}52^{\circ}$ , in $SE^{1}/_{4}SW^{1}/_{4}$ sec. 10, T.149 N., R.47 W., Polk County, Hydrologic Unit 09020303, at triple box culvert on U.S. Highway 75, 0.75 mile northeast of Girard, 3 miles southwest of Crookston, 7 miles above mouth [Drainage area: $134 \text{ mi}^{2}$ ].	1986- current year	07-11-02	22.0	2,900	04-15-97	22.63	3,000
Middle River near Newfolden [05086900]	Lat $48^{\circ}22^{\circ}04^{\circ}$ , long $96^{\circ}16^{\circ}47^{\circ}$ , in $NE^{1}/_{4}NE^{1}/_{4}$ sec. 3, T.156 N., R.44 W., Marshall County, Hydrologic Unit 09020309, at bridge on township road, 2.0 miles northeast of Newfolden [Drainage area: $88.8 \text{ mi}^2$ ].	1979- current year	06-11-02	20.12	1,700	06-11-02 05-18-96	20.12 18.31	2,300

Obstice Name and	Tarabian and	Period	Water	year 2002	Maximum	Period	of Record	Maximum
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Stoney River near Babbitt [05125550]	Lat 47°41'36", long 91°45'38", in SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec. 8, T.60 N., R.11 W., Lake County, Hydrologic Unit 09030001, in Superior National Forest, at bridge on Forest Road 424, 4.7 miles upstream from mouth, 8.5 miles southeast of Babbitt [Drainage area: 215 mi <sup>2</sup> ].	1975-80 <sup>#</sup> , 1986- current year	04-23-02	5.62	688	04-19-76	8.71	2,490
Big Fork River near Bigfork [05131750]	Lat $47^{\circ}44'56"$ , long $93^{\circ}46'31"$ , in $SE^1/_4SE^1/_4$ sec. 1, T.149 N., R.25 W., Itasca County, Hydrologic Unit 09030006, at bridge on State Highway 6, 5.5 miles west of Bigfork. [Drainage area: 606 mi $^2$ ].	1973- current year	06-24-02	14.29	1,980	04-22-79	15.48	2,830
Bowerman Brook near Craigville [05131878]	Lat $47^{\circ}55'29"$ , long $93^{\circ}45'34"$ , in NE $^1/_4$ NW $^1/_4$ sec. 26, T.63 N., R.27 W., Koochiching County, Hydrologic Unit 09030006, at culvert on State Highway 6, 2.4 miles upstream from mouth, 7.0 miles west of Craigville [Drainage area: 25.7 mi $^2$ ].	1979- current year	06-23-02	15.83	937	06-23-02	15.83	937
North Branch Rapid River near Baudette [05134100]	Lat $48^\circ 31'56"$ , long $94^\circ 38'50"$ , in $NM^1/_4SM^1/_4$ sec. 4, T.158 N., R.31 W., Lake of the Woods County, Hydrologic Unit 09030007, at bridge on County Highway 1, 12.7 miles southwest of Baudette [Drainage area: 174 mi²].	1986- current year	06-11-02	c18.34	6,380	06-11-02	c18.34	6,380
Winter Road River near Baudette [05137000]	Lat $48^{\circ}42'39"$ , long $94^{\circ}41'52"$ , in $NM^{1}/_{4}NE^{1}/_{4}$ sec. 1, T.160 N., R.32 W., Lake of the Woods County, Hydrologic Unit 09030008, at bridge on State Highway 11, 4.5 miles west of Baudette, 1.8 miles east of Pitt, 5 miles upstream of mouth [Drainage area: 140 mi <sup>2</sup> ].	1986- current year	06-11-02	df19.35	9,900	06-11-02	dc19.35	9,900
Mississippi River at Bemidji [05200445]	Lat $47^{\circ}27'04''$ , long $94^{\circ}54'23''$ , in $NM^{1}/_{4}NM^{1}/_{4}$ sec. 20, T.146 N., R.33 W., Beltrami County, Hydrologic Unit 07010101, at bridge on County Highway 11, 1.4 miles southwest of intersection of State Highway 197 and County Highway 7 in Bemidji [Drainage area: 358 mi <sup>2</sup> ].	1988-89#,	06-24-02	12.98	1,440	04-18-97	13.17	1,820
Boy River near Remer [05205200]	Lat $47^{\circ}04'51''$ , long $94^{\circ}05'54''$ , in NE $^{1}/_{4}$ NE $^{1}/_{4}$ sec. 33, T.142 N., R.27 W., Cass County, Hydrologic Unit 07010102, at bridge on County Highway 53, 1.9 miles upstream from Boy Lake and 9 miles northwest of Remer [Drainage area: 289 mi $^{2}$ ].	1986- current year	10-08-01	d10.08	254	04-10-96 07-23-87	a11.59 11.64	ъ660 660
Willow River below Palisade [05221020]	Lat $46^{\circ}42'36''$ , long $93^{\circ}33'21''$ , in $NW^1/_4NE^1/_4$ sec. 30, T.49 N., R.25 W., Aitkin County, Hydrologic Unit 07010103, at bridge on County Highway 3, 3.2 miles west of Palisade [Drainage area: 523 mi <sup>2</sup> ].	1972- current year	07-08-02	d11.59	1,140	04-25-79	17.25	3,730
Hoblin Creek near Pine River [05229430]	Lat $46^{\circ}41^{\circ}06^{\circ}$ , long $94^{\circ}30^{\circ}49^{\circ}$ , in $SE^{1}/_{4}NE^{1}/_{4}$ sec. 18, T.137 N., R.30 W., Cass County, Hydrologic Unit 07010105, at culvert on township road, 3.4 miles upstream from mouth, 5.6 miles southwest of Pine River [Drainage area:].	2002- current year	07-08-02	8.38		07-08-02	8.38	

		Period	Water	year 2002	Maximum	Period	of Record	l Maximum
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Pine River near Pine River [05229450]	Lat $46^{\circ}41'39''$ , long $94^{\circ}22'11''$ , in $\mathrm{NE}^1/_4\mathrm{SE}^1/_4$ sec. 8, T.137 N., R.29 W., Cass County, Hydrologic Unit 07010105, at bridge on U.S. Highway 371, 2.3 miles southeast of Pine River, 4.9 miles upstream of upper Whitefish Lake [Drainage area: 261 mi²].	1986- current year	07-10-02	4.64	748	05-14-99	5.15	1,520
Cat River near Nimrod [05244200]	Lat $46^{\circ}37'49''$ , long $94^{\circ}55'51''$ , in $SW^1/_4SW^1/_4$ sec. 36, T.137 N., R.34 W., Wadena County, Hydrologic Unit 07010106, at bridge on State Highway 227, 2.5 miles west of Nimrod, 3.0 miles upstream from mouth [Drainage area: 57.1 mi <sup>2</sup> ].	1961- current year	07-11-02	d5.62	120	10-12-73	9.43	560
Leaf River near Aldrich [05244440]	Lat $46^{\circ}27'25''$ , long $94^{\circ}50'29''$ , in $SW^{1}/_{4}SW^{1}/_{4}$ sec. 34, T.135 N., R.33 W., Wadena County, Hydrologic Unit 07010107, at bridge on County Highway 29, 3.3 miles upstream from mouth, 7.0 miles northeast of Aldrich [Drainage area: 870 mi <sup>2</sup> ].	1972- current year	07-11-02	13.34	1,580	04-12-01	16.40	5,800
Mississippi River near Fort Ripley [05261000]	Lat $46^{\circ}10^{\circ}50^{\circ}$ , long $94^{\circ}21^{\circ}56^{\circ}$ , in $\mathrm{SE}^{1}/_{4}\mathrm{NW}^{1}/_{4}$ sec. 27, T.43 N., R.32 W., Crow Wing County, on left bank 600 feet. upstream from Nokasippi River and 1.0 mile north of Ft. Ripley. Reached from Ft. Ripley by driving north on U.S. 371 for about 1.0 mile, turn left (west) on the second road to the river north of the Nokasippi River bridge on U. S. 371 at electrical transformer station (Drainage area 10,840 mi²).	2001- current year	07-14-02	d9.66	14,700	04-08-97	14.15	32,200
Nokasippi River near Fort Ripley [05261520]	Lat $46^{\circ}12'02''$ , long $94^{\circ}19'03''$ , in $^{\prime}$ $NE^{1}/_{4}NE^{1}/_{4}$ sec. 24, T.43 N., R.32 W., Crow Wing County, Hydrologic Unit 07010104, at bridge on County Highway 2, 3 miles northeast of Fort Ripley [Drainage area: 193 mi <sup>2</sup> ].	1967-70†, 1974†, 1976†, 1986- current year	05-09-02	11.12	391	06-15-01	14.83	1,110
Hillman Creek near Pierz [05267900]	Lat $45^{\circ}58'27''$ , long $94^{\circ}04'21''$ , in $\mathrm{NE^{1}}/_{4}\mathrm{SE^{1}}/_{4}$ sec. 9, T.40 N., R.30 W., Morrison County, Hydrologic Unit 07010201, at bridge on county highway, 1.1 miles upstream from mouth, 1.5 miles east of Pierz [Drainage area: $45.0~\mathrm{mi}^{2}$ ].	1964- current year	05-09-02 07-08-02	d13.35 g	d321 g	04-09-69	15.48	2,960
Platte River at Royalton [05268000]	Lat $45^{\circ}50'43''$ , long $94^{\circ}17'40''$ , in $SE^{1}/_{4}NW^{1}/_{4}$ sec. 26, T.39 N.,R.32 W., Morrison County, Hydrologic Unit 07010201, at bridge on County Highway 27, 0.6 mile north of Royalton, 6.6 miles upstream from mouth [Drainage area: $432 \text{ mi}^{2}$ ].	1929-36, 1972- current year	07-11-02	d10.65	972	07-26-72		6,850
Ashley Creek near Sauk Centre [05270150]	Lat $45^{\circ}46'46''$ , long $94^{\circ}58'52''$ , in $NW^{1}/_{4}SE^{1}/_{4}$ sec. 29, T.127 N., R.34 W., Todd County, Hydrologic Unit 07010202, at bridge on County Highway 11, 3 miles north of Sauk Centre [Drainage area: 119 mi <sup>2</sup> ].	1963- 70†,74†, 1976†, 1986-88, 1989 <sup>#</sup> , 1990- current year	06-24-02	14.88	416	04-08-01	18.00	1,020

		Period	Water	year 2002	Maximum	Period of Record Maximum			
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	
Johnson Creek near St.Augusta [05272300]	Lat $45^{\circ}27'49''$ , long $94^{\circ}09'19''$ , in $NW^1/_4SW^1/_4$ sec. 13, T.123 N.,R.28 W., Stearns County, Hydrologic Unit 07010203, at bridge on County Highway 7, 1.0 mile south of St. Augusta, 3.3 miles upstream from mouth [Drainage area: $45.6 \text{ mi}^2$ ].	1964- current year	08-04-02	14.21	629	09-09-85	16.37	2,350	
Clearwater River near South Haver [05272950]	Lat $45^{\circ}16'45''$ , long $94^{\circ}15'04''$ , in $\ln NE^{1}/_{4}NW^{1}/_{4}$ sec. 19, T.121 N., R.28 W., Wright County, Hydrologic Unit 07010203, at culvert 3.4 miles southeast of Kimball, 0.25 mile downstream of Scott Lake Outlet, 2.0 miles southeast of South Haven [Drainage area: 78.8 mi <sup>2</sup> ].	1985- current year	08-08-02	d15.89	542	09-09-85	17.11	1,040	
North Fork Crow River near Kingston [05278120]	Lat $45^{\circ}12'13''$ , long $94^{\circ}23'16''$ , in $SW^1/_4SE^1/_4$ sec. 13, T.120 N., R.30 W., Meeker County, Hydrologic Unit 07010204, at bridge on State Highway 24, 3.7 miles west of Kingston, 3.9 miles east of Forest City [Drainage area: 779 mi <sup>2</sup> ].	1986- current year	06-27-02	16.92	3,970	05-01-86	17.82	4,850	
Buffalo Creek near Glencoe [05278930]	Lat $44^{\circ}45'50''$ , long $94^{\circ}05'27''$ , in $SW^{1}/_{4}SW^{1}/_{4}$ sec. 16, T.115 N., R.27 W., McLeod County, Hydrologic Unit 07010205, at bridge on County Highway 1, 2.6 miles east of Glencoe [Drainage area: 373 mi <sup>2</sup> ].	1972-95, 1998- current year	08-04-02	15.85	1,240	09-12-91	11.78	4,300	
Pomme de Terre River near Elbow Lake [05293371]	Lat $45^\circ57^\prime47^{\prime\prime\prime}$ , long $95^\circ53^\prime07^{\prime\prime\prime}$ , in $\mathrm{SE}^1/_4~\mathrm{SW}^1/_4~\mathrm{sec}$ . 19, T.129 N., R.41 W., Grant County, Hydrologic Unit 07020002, at bridge on County Road 47, 4 miles southeast of Elbow Lake, 2.5 miles south of the outlet of Pomme de Terre Lake [Drainage area: 340 mi²].	1986- current year	06-21-02	6.40	440	06-15-01	6.85	600	
Pomme de Terre River near Appleton [05294000]	Lat 45°12'10", long 96°01'20", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec. 14, T.120 N., R.43 W., Swift County, Hydrologic Unit 07020002, on left bank 60 ft upstream from bridge on U.S. Highway 59 and State Highway 119 at Appleton, 8 miles upstream from mouth [Drainage area: 864 mi <sup>2</sup> ].	1931-35, 1935-99 <sup>#</sup> , 2000- current year	06-23-02	d5.64	539	04-07-97	18.13	8,890	
Florida Creek near Burr [05299750]	Lat $44^{\circ}44^{\circ}10^{\prime\prime}$ , long $96^{\circ}25^{\circ}10^{\prime\prime}$ , in $\mathrm{SE}^{1}/_{4}\mathrm{SE}^{1}/_{4}\mathrm{sec}$ . 29, T.115 N., R.46 W., Yellow Medicine County, Hydrologic Unit 07020003, at culvert on County Road 15, 3.0 miles west of Burr, 7.6 miles northwest of Canby [Drainage area: 77.3 mi <sup>2</sup> ].	1982, 1983-84 <sup>#</sup> , 1991- current year	03-31-02	a16.62	214	04-01-97	26.57	2,490	
Little Chippewa River near Starbuck [05302500]	Lat $45^\circ 36' 52''$ , long $95^\circ 37' 12''$ , in $\mathrm{NW}^1/_4\mathrm{NE}^1/_4$ sec. 30, T.125 N., R.39 W., Pope County, Hydrologic Unit 07020005, at culvert on State Highway 28, 4.4 miles west of Starbuck [Drainage area: $96.2~\mathrm{mi}^2$ ].	1979- current year	07-10-02	12.93	213	04-08-01	14.02	980	

Ctation Name and	I agatian and	Period	Water	year 2002	Maximum	Period o	of Record	Maximum
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Chippewa River near Watson [05305000]	Lat $45^{\circ}01'18''$ , long $95^{\circ}47'25''$ , in $\mathrm{NE}^1/_4$ $\mathrm{NW}^1/_4$ sec. 22, T.118 N., R.41 W., Chippewa County, Hydrologic Unit 07020005, 150 ft downstream from Chippewa County Road 13 bridge and dam, one mile north of Watson, 5.5 miles northwest of Montevideo, and 12.1 miles above confluence with Minnesota River in Montevideo [Drainage area: 2,050 mi²].	1910-17, 1931-36, 2001- current year	06-26-02	38.83	627	04-11-01	45.41	4,600
South Branch Yel- low Medicine River near Minneota [05311400]	Lat $44^\circ 33'50''$ , long $95^\circ 59'50''$ , in $\mathrm{SE}^1/_4\mathrm{SE}^1/_4$ , sec. 26, T.113 N., R.43 W., Lyon County, Hydrologic Unit 07020004, at bridge on State Highway 68, on northwest edge of Minneota and 6 miles upstream from mouth [Drainage area: 115 mi²].	1981-87, 1998-	06-09-99 07-11-00 04-02-02	7.33 6.52 6.98	h384 h274 334	04-18-69	13.41	4,430
Ramsey Creek near Redwood Falls [05316538]	Lat $44^{\circ}33'08''$ , long $95^{\circ}10'38''$ , in $SE^{1}/_{4}NE^{1}/_{4}$ sec. 33, T.113 N., R.36 W., Redwood County, Hydrologic Unit 07020006 at bridge on township road 2.3 miles northeast of KLGR radio towers, on west side of Redwood Falls [Drainage area: 629 mi <sup>2</sup> ].	1991-93, 1995 - current year	06-21-02	21.93	406	06-17-93	25.94	920
Beaver Creek at Beaver Falls [05316570]	Lat $44^{\circ}35'03''$ , long $95^{\circ}02'49''$ , in $\mathrm{NE^{1}}/_{4}\mathrm{NW^{1}}/_{4}$ sec. 22, T.113 N., R.35 W., Renville County, Hydrologic Unit 07020004, at bridge on County Highway 2 in Beaver Falls, 2.2 miles upstream from mouth, 3.8 miles northwest of Morton [Drainage area: 191 mi $^{2}$ ].	1972- current year	03-29-02	a9.21	361	04-02-97	14.73	3,300
Cottonwood River near Springfield [05316950]	Lat $44^{\circ}12'12''$ , long $95^{\circ}02'53''$ , in $1\mathrm{SW}^1/_4\mathrm{NW}^1/_4\mathrm{sec}$ . $34$ , T.109 N., R.35 W., Brown County, Hydrologic Unit 07020008, at bridge on County Highway 2, 1.3 miles downstream from Mound Creek, 1.0 mile upstream from Coal Mine Creek, 3.5 miles southwest of Springfield [Drainage area: 777 mi²].	1973- current year	06-04-02	18.14	1,400	06-18-93	31.40	14,500
Minnesota River Tributary at St. Hwy. 68 near Judson [05317330]	Lat $44^{\circ}11'40''$ , long $94^{\circ}12'27'$ , in NW <sup>1</sup> / $_4$ NW <sup>1</sup> / $_4$ sec. 4, T.108 N., R.28 W., Blue Earth County, Hydrologic Unit 07020007, at culvert on State Highway 68, 0.5 mile southwest of Judson, 0.4 mile above mouth [Drainage area: 0.97 mi <sup>2</sup> ].	2001- current year	06-22-02	8.84		04-11-01	7.90	
East Branch Blue Earth River near Walters [05317845]	Lat $43^{\circ}37'58''$ , long $93^{\circ}42'28''$ , in $SE^1/_4SE^1/_4$ sec. 16, T.102 N., R.24 W., Faribault County, Hydrologic Unit 07020009, at culvert on State Highway 22, 2.5 miles northwest of Walters [Drainage area: $30.2 \text{ mi}^2$ ].	1979- current year	07-21-02	17.68	622	08-15-93	18.73	657
Elm Creek at Co. Rd. 103 near Trimont [05318195]	Lat $43^{\circ}45^{\circ}27^{\prime\prime\prime}$ , long $94^{\circ}50^{\prime}30^{\prime\prime\prime}$ , in NW <sup>1</sup> / $_4$ NW <sup>1</sup> / $_4$ sec. 5, T.103 N., R.33 W., Martin County, Hydrologic Unit 07020009, at bridge on County Road 103, 12.5 miles northeast of Jackson, 5 miles west of Trimont [Drainage area:].	1991- current year	04-02-02	i	<371	06-04-91	22.92	2,000

Station Name and	Location and	Period	Water	year 2002	Maximum	Period o	of Record	Maximum
Station Name and [Station Number]	[Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Watonwan River near Delft [05318300]	Lat $43^{\circ}59'55''$ , long $95^{\circ}07'11''$ , in $\mathrm{NE}^1/_4\mathrm{SE}^1/_4$ sec. 11, T.106 N. R.36 W., Cottonwood County, Hydrologic Unit 07020010, at culvert on U.S. Highway 71, 1.7 miles northwest of Delft [Drainage area: $13.5~\mathrm{mi}^2$ ].	1960- current year	06-04-02	14.76	37	06-18-93	j17.70	1,000
South Fork Waton- wan River near Ormsby [05318897]	Lat $43^{\circ}53'08''$ , long $94^{\circ}41'27''$ , in $\mathrm{SE}^1/_4\mathrm{NW}^1/_4$ sec.21, T.105 N., R.32 W., Watonwan County, Hydrologic Unit 07020010, at bridge on township road, 2.6 miles north of Ormsby, 5.0 miles upstream from Willow Creek [Drainage area: 107 mi <sup>2</sup> ].	1979- current year	04-02-02	i	<136	05-31-80	18.40	1,920
Maple River near Rapidan [05320480]	Lat $44^\circ03'54''$ , long $94^\circ01'32''$ , in $SW^1/_4SW^1/_4$ sec. 13, T.107 N., R.27 W., Blue Earth County, Hydrologic Unit 07020011, at bridge on County Highway 35, 3.0 miles southeast of Rapidan, 3.3 miles upstream from mouth [Drainage area: 338 mi <sup>2</sup> ].	1972- current year	06-15-02	9.61	1,410	04-12-01	13.79	5,540
Minnesota River Trib. below St. Peter [05325450]	Lat $44^{\circ}20'13''$ , long $93^{\circ}54'45''$ , in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 14, T.110 N., R.26 W., Le Sueur County, Hydrologic Unit 07020007, at culvert on County State Aid Highway 23, 1.8 miles east of St. Peter [Drainage area: 2.13 mi <sup>2</sup> ].	2001	06-22-02	6.82		02-25-01	a7.20	
Sand Creek near New Prague [05330300]	Lat $44^\circ 32'37''$ , long $93^\circ 32'16''$ , in $\mathrm{NE}^1/_4\mathrm{NW}^1/_4$ sec. 1, T.112 N., R.23 W., Le Sueur County, Hydrologic Unit 07020012, at culvert on State Highway 13 and 19, 1.9 miles east of New Prague [Drainage area: 62.2 mi²].	1960- current year	06-22-02	10.20	206	05-21-60	14.84	1,100
Crooked Creek near Hinckley [05335170]	Lat $46^{\circ}00'42''$ , long $92^{\circ}31'45''$ , in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 30, T.41 N., R.17 W., Pine County, Hydrologic Unit 07030001, at culvert on State Highway 48, 2.7 miles upstream from mouth, 8 miles south of Duxbury, 19 miles east of Hinckley [Drainage area: $94.4~\mathrm{mi}^2$ ].	1966- 70†,74†, 76†, 79- 80†, 1986- current year	04-11-02	d14.05	918	04-23-01	16.65	2,100
	Lat $46^{\circ}27'19''$ , long $92^{\circ}51'34''$ , in $\mathrm{SE}^{1}/_{4}\mathrm{NW}^{1}/_{4}$ sec. 22, T.46 N., R.20 W., Carlton County, Hydrologic Unit 07030003, at bridge on State Highways 27 and 73, 1.0 mile upstream from mouth, 2.4 miles south of Kettle River [Drainage area: 27.0 mi <sup>2</sup> ].	1971- current year	04-12-02	a5.24	254	07-22-72	10.18	1,370
Goose Creek at Harris [05339747]	Lat $45^\circ35'11''$ , long $92^\circ58'39''$ , in $SW^1/_4SW^1/_4$ sec. 21, T.36 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at culverts on County Highway 9, 0.15 mile west of County Highway 30 in Harris, 8 miles above mouth [Drainage area: $47.3~\text{mi}^2$ ].	1986- current year	04-15-02	d6.21	197	04-23-01	8.11	360
	Lat $44^{\circ}17'50''$ , long $93^{\circ}37'44''$ , in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 31, T.110 N., R.23 W., Le Sueur County, Hydrologic Unit 07040002, at bridge on township road, 0.25 mile downstream of Sabre Lake, 3 miles southeast of Kilkenny [Drainage area: 87.9 mi²].	1985- current year	06-21-02	12.10	202	04-12-01	13.83	563

		Period	Water	year 2002	Maximum	Period o	of Record	Maximum
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)
Cannon River at Northfield [05355024]	Lat $44^{\circ}27'19''$ , long $93^{\circ}09'46''$ , in $NE^{1}/_{4}NE^{1}/_{4}$ sec. 1, T.111 N., R.20 W., Rice County, Hydrologic Unit 07040002, at Fifth Street bridge in Northfield [Drainage area: 929 mi <sup>2</sup> ].	1980- current year	06-21-02	903.20	3,110	04-12-01	905.40	8,370
Milliken Creek near Concord [05373080]	Lat $44^\circ07'13''$ , long $92^\circ49'08''$ , in $NM^1/_4NM^1/_4$ sec. 36, T.108 N., R.17 W., Dodge County, Hydrologic Unit 07040004, at bridge on County Road 9, 8.0 miles upstream from mouth, 2.1 miles southeast of Concord [Drainage area: $22.1 \text{ mi}^2$ ].	1979- current year	08-21-02	12.01	263	06-13-01	15.80	3,470
Zumbro River at Zumbro Falls [05374000]	Lat $44^{\circ}17'12''$ , long $92^{\circ}25'56''$ , in NE $^{1}/_{4}$ SE $^{1}/_{4}$ sec. 36, T.110 N., R.14 W., Wabasha County, Hydrologic Unit 07040004, in Zumbro Falls, 1,000 ft downstream from Cold Creek, 0.7 mi upstream from bridge on U.S. Highway 63, and 6.3 mi downstream from North Fork [Drainage area: 1,150 mi $^{2}$ ].	1909-17 <sup>#</sup> , 1929-80 <sup>#</sup> , 1990- current year	06-22-02	19.45	14,200	07-21-51	30.80	35,900
Cedar River near Ridgeway [05380100]	Lat $43^{\circ}56'49''$ , long $91^{\circ}33'59''$ , in NW/4NE/4 sec. 32, T.106 N., R.6 W., Winona County, Hydrologic Unit 07040003, at bridge on County Road 9, 2.9 miles northeast of Witoka, 6 miles southeast of Winona (Drainage area: 7.16 mi <sup>2</sup> ).	2001- current year	06-21-02	11.05		04-07-01	11.44	
Root River at Rushford [05384350]	Lat $43^{\circ}48'11''$ , long $91^{\circ}45'10''$ , in $\mathrm{NE}^1/_4\mathrm{NE}^1/_4$ sec. 23, T.104 N., R.8 W., Fillmore County, Hydrologic Unit 07040008, at U.S. Highway 16 bridge on south side of Rushford [Drainage area: 992 $\mathrm{mi}^2$ ].	1985- current year	06-05-02	19.63	4,690	06-02-00	26.35	32,400
Rush Creek near Rushford [05384500]	Lat $43^{\circ}50'00''$ , long $91^{\circ}46'40''$ , in $SW^1/_4SW^1/_4$ sec. 3, T.104 N., R.8 W., Fillmore County, Hydrologic Unit 07040008, at bridge, 1.5 miles northwest of Rushford, 3.0 miles upstream from mouth [Drainage area: 132 mi <sup>2</sup> ].	1942-79 <sup>#</sup> , 1980- current year	06-21-02	4.00	740	03-26-50	13.54	11,600
Cambell Valley Creek near Money Creek [05384800]	Lat $43^{\circ}49^{\circ}54''$ , long $91^{\circ}34^{\circ}53''$ , in NB <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec. 8, T.104 N., R.6 W., Houston County, Hydrologic Unit 07040008, at triple box culvert on County State Aid Highway 26, 1.8 miles north west of Money Creek (Drainage area: 6.82 mi <sup>2</sup> ).	2001- current year	06-04-02	1.82		04-06-01	2.98	
Root River near Houston [05385000]	Lat $43^{\circ}46^{\circ}07^{\circ}$ , long $91^{\circ}35^{\circ}11^{\circ}$ , in $SW^{1}/_{4}NW^{1}/_{4}$ , sec. 33, T.104 N., R.6 W., Houston County, Hydrologic Unit 07040008, on right bank 0.2 mile north of Houston, 1.6 miles upstream from confluence with South Fork Root River and 1.2 miles upstream from mouth [Drainage area: 1,250 mi <sup>2</sup> ].	1929, 1930-83#, 1983-90	06-06-02	9.31	4,660	04-01-52 03-02-65	18.32	37,000
South Fork Root River near Houston [05385500]	Lat $43^{\circ}44'19''$ , long $91^{\circ}33'50''$ , in $NE^{1}/_{4}SW^{1}/_{4}$ sec. 9, T.103 N., R.6 W., Houston County, Hydrologic Unit 07040008, at bridge on State Highway 76, 0.5 mile upstream from Badger Creek, 1.5 mile south of Houston [Drainage area: 275 mi <sup>2</sup> ].	1953-83 <sup>#</sup> , 1985- current year	06-04-02	5.0	707	06-01-00	14.90	13,800

-			****			D. J. J. J.	. C. D	
Station Name and	Location and	Period of	water	year 2002 Gage	Maximum	Period	of Record Gage	Maximum
[Station Number]	[Drainage area]	Record	Date	height (feet)	Discharge (ft <sup>3</sup> /s)	Date	height (feet)	Discharge (ft <sup>3</sup> /s)
Crooked Creek at Freeburg [05387030]	Lat 43°36′37″, long 91°21′39″, in SW1/4NE¹/4 sec. 30, T.102 N., R.4 W., Houston County, Hydrologic Unit 07060001, at bridge on State Highway 249 at Freeburg 6.5 miles upstream from mouth [Drainage area: 44.8 mi²].	1979- current year	03-09-02	10.00	310	03-04-92	19.02	2,200
Little Cedar River near Johnsburg [05457778]	Lat $43^{\circ}30'52''$ , long $92^{\circ}45'19''$ , in $NW^{1}/_{4}NE^{1}/_{4}$ sec. 33, T.101 N., R.16 W., Mower County, Hydrologic Unit 07080201, at bridge on County Road 6, 1 mile northeast of Johnsburg, 1 mile north of Minnesota-Iowa border [Drainage area: $45.8 \text{ mi}^2$ ].	1986- current year	06-04-02	10.96	362	08-16-93	17.58	9,280
Bancroft Creek at Bancroft [05458960]	Lat $43^{\circ}42'09''$ , long $93^{\circ}21'23''$ , in $SW^{1}/_{4}SE^{1}/_{4}$ sec. 21, T.103 N., R.21 W., Freeborn County, Hydrologic Unit 07080202, at bridge on County Road 14, 1.6 miles northeast of Fountain Lake, 1 mile north of Interstate 90 [Drainage area: 28.7 mi <sup>2</sup> ].	1985†, 1986- current year	07-11-02	4.40	126	06-14-01	8.81	1,070
Elk Creek near Brewster [05474900]	Lat $43^{\circ}40'43''$ , long $95^{\circ}27'10''$ , in $NE^{1}/_{4}SE^{1}/_{4}$ sec. 36, T.102 N., R.39 W., Nobles County, Hydrologic Unit 07100001, at bridge on County Highway 1, 0.7 miles south of Brewster [Drainage area:].	1996- current year	08-21-02	20.26	611	05-30-01	25.29	4,000
East Fork Des Moines River near Ceylon [05476989]	Lat $43^{\circ}33'53''$ , long $94^{\circ}39'15''$ , in $NW^1/_4SW^1/_4$ sec. 11, T.101 N., R.32 W., Martin County, Hydrologic Unit 07010003, at bridge on County Road 23, 2.4 miles northwest of Ceylon [Drainage area: 128 mi <sup>2</sup> ].	1986- current year	08-22-02	16.28	305	07-05-93	21.65	1,350
	- Lat $44^\circ04'54''$ , long $96^\circ18'27''$ , in $SE^1/_4SE^1/_4$ sec. 12, T.107 N., R.46 W., Pipestone County, Hydrologic Unit 10170203, at bridge on U.S. Highway 75, 5.5 miles north of Pipestone. Formerly "Pipestone Creek near Pipestone" [Drainage area: 31.5 mi <sup>2</sup> ].	1991- current year	03-28-02	a17.78	362	05-08-93	20.28	2,650
Beaver Creek at Valley Springs, South Dakota [06482745]	Lat $43^\circ35'10''$ , long $96^\circ28'20''$ , in $NW^1/_4NW^1/_4$ sec. 3, T.101 N., R.47 W., Minnehaha County, South Dakota, Hydrologic Unit 10170203, at bridge on County Road 103 (Valley Drive), 1 mile west of South Dakota-Minnesota border, 2.5 miles south of Interstate 90 [Drainage area: $104 \text{ mi}^2$ ].	1986- current year	08-21-02	15.56	206	06-13-94	24.89	2,280
Rock River Trib. at Co. Hwy. 18 near Hatfield [06482910]	Lat $43^{\circ}56'38''$ , long $96^{\circ}06'13''$ , in $SW^{1}/_{4}NW^{1}/_{4}$ sec. 35, T.106 N., R.44 W., Pipestone County, Hydrologic Unit 10170204, at culvert on County State Aid Highway 18, 1.5 miles upstream of mouth, 4 miles east of Hatfield, 5 miles north of Edgerton [Drainage area: 3.28 mi <sup>2</sup> ].	2001- current year	03-28-02	a6.48	105	06-26-01	6.16	186
Chanarambi Creek near Edgerton [06482933]	Lat $43^{\circ}53'59''$ , long $96^{\circ}03'39''$ , in $NM^{1}/_{4}SM^{1}/_{4}$ sec. 18, T.105 N., R.43 W., Murray County, Hydrologic Unit 10170204, at bridge on township road, 3.8 miles northeast of Edgerton, 7.4 miles upstream from mouth [Drainage area: 57.3 mi <sup>2</sup> ].	1979- current year	03-28-02	a12.91	260	04-23-01 05-03-01	16.79 18.14	928 850

		Period	Water year 2002 Maximum			Period of Record Maximum			
Station Name and [Station Number]	Location and [Drainage area]	of Record	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	Date	Gage height (feet)	Discharge (ft <sup>3</sup> /s)	
Champepadan Creek at Co. Rd. 18 near Leota [06482970]	Lat $43^{\circ}47'24''$ , long $96^{\circ}00'40''$ , in $NW^{1}/_{4}NW^{1}/_{4}$ sec. 28, T.104 N., R. 43 W., Nobles County, Hydrologic Unit 10170204, at bridge on County Road 18, near junction with County Road 19, 3 miles south of Leota [Drainage area:].	1996- current year	03-28-02	a13.28	205	04-23-01	17.54	895	
Rock River at Luverne [06483000]	Lat $43^\circ 39'15''$ , long $96^\circ 12'03''$ , in $SW^1/_4$ $NE^1/_4$ sec. 11, T.102 N., R45 W., Rock County, Hydrologic Unit 10170204, at bridge on Main Street (County Highway 4) in Luverne [Drainage area: $419$ mi $^2$ ].		08-22-02	d4.55	542	05-08-93	14.23	35,400	
Elk Creek near Lismore [06483020]	Lat $43^{\circ}41'38''$ , long $96^{\circ}00'46''$ , in $NE^1/_4SE^1/_4$ sec. 29, T.103 N., R. 43 W., Nobles County, Hydrologic Unit 10170204, at bridge on County Road 19, 4.6 miles southwest of Lismore [Drainage area: 4.62 mi <sup>2</sup> ].	1996- current year	08-21-02	14.02		06-14-01	15.62		
Little Rock River near Rushmore [06483350]	Lat $43^{\circ}32'36''$ , long $95^{\circ}48'58''$ , in $\mathrm{NE^{1}}/_{4}\mathrm{NE^{1}}/_{4}$ sec. 24, T.101 N., R.42 W., Nobles County, Hydrologic Unit 10170204, at bridge #4967, on County Road 6, 1.5 miles west of Ransom, 5.1 miles south of Rushmore [Drainage area: $45.8~\mathrm{mi}^{2}$ ].	1991- current year	08-21-02	23.04	134	07-11-93	27.04	4,290	
Little Rock Creek near Rushmore [06483353]	Lat $43^{\circ}32'37''$ , long $95^{\circ}50'50''$ , in NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec. 23, T.101 N., R.42 W., Nobles County, Hydrologic Unit 10170204, at bridge on County Road 6, 5.5 miles southwest of Rushmore [Drainage area: 32.1 mi <sup>2</sup> ].	1996- current year	06-22-96 04-06-97 08-21-02	25.94 24.60 21.70	h1,810 h984 149	05-30-01	27.99	3,070	
Little Sioux River near Spafford [06603530]	Lat $43^\circ36'08''$ , long $95^\circ15'27''$ , in $NE^1/_4NE^1/_4$ sec. $34$ , T.102 N., R.37 W., Jackson County, Hydrologic Unit 10230003, at bridge on county highway, 1.6 miles downstream from Jackson County ditch No. 11, 5.8 miles east of Spafford [Drainage area: $40.5 \text{ mi}^2$ ].	1962- current year	08-21-02	8.44	168	06-29-69	12.06	4,500	

<sup>#</sup> Operated as a continuous-record gaging station.

c From hyigh water mark

g Site discontinued not available

<sup>†</sup> Operated as a low flow site.

d Not annual maximum.

h Revised.

a Backwater from ice.

e Backwater from Lake Traverse.

i Did not reach bottom of gage.

b Estimated.

f Peak flow from indirect measurement. j Stage from downstream gage.