

Discharge at Miscellaneous Sites

DISCHARGE AT MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during the 2003 water year are listed in the following table. Those measurements of base flow are designated by an asterisk (*) and measurements from earlier water years but not previously published by an (a). Stations previously published as Continuous Record Sites are designated by an (#), those sites published as an High-Flow Partial-Record are designated by an (+).

Stream name and [Station no.]	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Lake Superior Basin						
Brule River near Hovland (04011000)	Lake Superior	Lat 47°49'06", long 90°03'04", in SE1/4 SW1/4 sec. 27, T.62 N., R.03 W., Cook County, Hydrologic Unit 04010101, at bridge on U.S. Highway 61, 0.3 mile upstream from mouth, 4.5 miles southwest of Hovland.		1912, 1970- 71, 74-76, 1980, 1983, 1986-87, 2002	04-15-03 04-23-03 05-20-03	390 853 426
Popular River at Superior National Golf Course near Lutsen (04012500)	Lake Superior	Lat 47°38'29", long 90°42'36" in SW1/4 NE1/4 sec. 33, T.60 N., R.03 W., Cook County, Hydrologic Unit 04010101, at golf course 500 ft upstream from U.S. Highway 61, 2 miles southwest of Lutsen.	112	#1912-17, #1928-47, #1952-61, +1972-80, 2001-02	04-15-03 05-20-03	145 239
Sucker Creek at Co. Rd. 290 near Palmers (04015339)	Lake Superior	Lat 46°55'57", long 91°51'29", in NW1/4 SE1/4 sec. 4, T.05 N., R.12 W., St. Louis County, Hydrologic Unit 04010102, at culvert on County Road 290, 1 mile northwest of Palmers, 0.4 mile above U.S. Highway 61 and 0.7 mile above site 04015340.	--	2001-02	04-14-03 05-20-03	85.6 219
Talmadge River at Co. Rd. 281 near Duluth (04015368)	Lake Superior	Lat 46°53'49", long 91°56'30", in SE1/4 SE1/4 sec. 14, T.51 N., R.13 W., St. Louis County, Hydro- logic Unit 04010102, at bridge on County Road 281, 1.1 miles above site 04015370, 1.3 miles north- west of Clifton.	--	2001-02	04-14-03 05-20-03	11.5 63.1
Amity Creek at Duluth (04045900)	Lake Superior	Lat 46°50'39", long 92°00'36", in SE1/4 NE1/4 sec. 5, T.50 N., R.13 W., St. Louis County, Hydrologic Unit 04010102, at bridge on Park- way Road, 0.4 mile upstream from Lester River, 6 miles northeast of aerial lift bridge in Duluth.	16.2	1970-71, 1974, 1976, 1980, 1983, 1986, 2002	04-14-03 05-20-03	29.4 161
Sauk River Basin						
Sauk River above Mill Creek at Rockville (05270446)	Mississippi River	Lat 45°28'28", long 94°20'24", in SW1/4 SW1/4 sec. 9, T.123 N., R.29 W., Stearns County, Hydro- logic Unit 07010202, at bridge on County Road 139 (Sauk River Road), in Rockville.	--	1998	06-16-03	457
Sauk River at mouth in St. Cloud (05270530)	Mississippi River	Lat 45°35'29", long 94°10'38", in SE1/4 NW1/4 SW1/4 sec. 35, T.125 N., R.28 W., Stearns County, Hydrologic Unit 07010202, at bridge on County Road 1, 400 feet above mouth, in St. Cloud.	--	--	06-16-03	478
Mississippi River Basin						
Mississippi River at Frank- lin Ave in Minneapolis (05288930)	Gulf of Mexico	Lat 44°57'49", long 93°13'22", in SW1/4 SW1/4 sec. 30, T.29 N., R.23 W., Hennepin County, Hydrologic Unit 07010206, at Franklin Ave. Bridge, at River mile 853.2 above mouth of Ohio River, in Minneapo- lis.		1976-82, 84-86, 90-93, 95-97, 99-00	10-18-02	15,850

DISCHARGE AT MISCELLANEOUS SITES--Continued

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Stream name and [Station no.]	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Mississippi River at Ford Plant in St. Paul (05288950)	Gulf of Mexico	Lat 44°54'57", long 93°21'59", in NE1/4 NW1/4 sec. 17, T.28 N., R.23 W., Ramsey County, Hydrologic unit 07010206, at Ford plant, 800 ft downstream from Ford Parkway bridge in St. Paul, 3.5 miles upstream from Minnesota River, and at River mile 847.6 upstream from Ohio River.	a 19,700	1924,1935, 1938-39, 1941, 1943, 1945-50, 1954, 1957, 1959, 1961-62, 1964-70, 1972-85, 1987-88	10-18-02 04-11-03	15,800 6,450
		Minnesota River Basin				
Chippewa River Diversion at Watson Sag Weir (05304980)	Minnesota River	Lat 45°01'30", long 95°47'49", in SE1/4 SE1/4 sec. 16, T.118 N., R.41 W., Chippewa County, Hydrologic Unit 07020005, at bridge on County Road 13, 1 mile north of Watson.		1945-80, 1983-84, 1987-88, 1990-91, 2001-02	05-21-03	499
North Branch Rush River at Sibley County Rd. 9 near New Rome (05326090)	Rush Creek	Lat 44°30'48", long 94°05'26", in NE1/4 SE1/4 sec. 17, T.112 N., R.27 W., Sibley County, Hydrologic Unit 07020012, at bridge on County Road 9, 6 miles south of Arlington, 2 miles south of New Rome.	--	2002	05-20-03	228
Middle Branch Rush River at Co. Rd. 13 near New Sweden (05326105)	Rush River	Lat 44°28'32", long 94 09'00", in NW1/4 SW1/4 sec. 25, T.112 N., R.28 W., Sibley County, Hydrologic Unit 07020012, at bridge on County Road 13, 5 miles northeast of New Swe- den.	--	2002	05-19-03	105
South Branch Rush River at Co. Rd. 13, near Norseland (05326189)	Rush River	Lat 44°27'55", long 94°09'00", in SE1/4 SE1/4 NE1/4 sec. 35, T.112 N., R.28 W., Sibley County, Hydro- logic Unit, 07020012, at bridge on County Road 13, 3.3 miles north west of Norseland.	--	--	05-20-03	206
Judical Ditch 1A near Norseland (05326205)	South Branch Rush River	Lat 44°26'36", long 94°07'12, in SE1/4 SW1/4 sec. 6, T.111 N., R.27 W., Nicollet County, Hydrologic Unit 07020012, at bridge on County Road 3, 2.2 miles north of Norse- land.	--	2002	05-20-03	213
Rush River near Henderson (05326400)	Minnesota River	Lat 44°29'57", long 93°54'18", in NW1/4 NW1/4 sec. 24, T.112 N., R.26 W., Sibley County, Hydrologic Unit 07020012, at bridge on State High- way 93, 0.4 mile upstream from mouth, and 2.0 miles south of Hend- erson.	397	1970-71, 1976, 1979-80, 1984-85, 1987-92, 2000-02	05-19-03	652