Discharge at Miscellaneous Sites

Discharge measurements made at miscellaneous sites during the 2004 water year are listed in the following table. Those measurements of base flow are designated by an asterisk (*) and a revised station ID (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 Hoveland (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, 2002-03	04-07-04	591
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, 2001-03	04-07-04 04-19-04	253 727
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.	--	2001-03	04-06-04	147
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, Hydrologic Unit 04010102, at bridge on County Road 281, 1.1 miles above site 04015370, 1.3 miles northwest of Clifton	--	2001-03	04-06-04	22.6
Amity Creek at Dulth [a](04015387)	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 Parkway Road, 0.4 mile upstream from Lester River, 6 miles northeast of aerial Bridge in Duluth.	16.2	1970-71, 1974, 1976, 1980, 1983, 1986, 2001-03	04-06-04	90.8
		Mississippi River Basin				
Mississippi River at Franklin 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 Minneapolis.		1976-82, 84-86, 90-93, 95-97, 99-00, 2003	06-16-04	17,700
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 Motor Company hydroelectric 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, 2003	06-03-04	16,700
		Minnesota River Basin				
County Ditch No. 24 near Clements (05316983)	Cottonwood River	Lat 44°20'31", long 94°59'54", in SE1/4 SW1/4 sec. 12, T.110 N., R.35 W., Redwood County, Hydrologic Unit 07020008, Measured 0.1 mile upstream of bridge on County Road 4, 3.7 miles southwest of Clements, 7.2 miles north of Springfield.	27.22	--	10-06-04	2.91
		Minnesota River basin - continued				
North Branch Rush River at Sibley County Rd. 9 near New Rome (05326090)	Rush River	Lat 44°30'48", long 94°05'26", in NE1/4 NE1/4 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.	--	2002-03	03-31-04 06-09-04 06-10-04	4.58 530 664
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 Sweden.	--	2002-03	05-24-04 06-10-04	343 617
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, Hydrologic Unit, 07020012, at bridge on County Road 13, 3.3 miles north west of Norseland.	--	2003	03-31-04 05-24-04	7.77 338

Stream Name and [Station No.]	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements	
					Date	Discharge (ft^3/s)
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 Norseland.	--	2002-03	05-24-04 06-10-04	284 637
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 Highway 93, 0.4 mile upstream from mouth, and 2.0 miles south of Henderson.	397	1970-71, 1976, 1979-80, 1984-85, 1987-92, 2000-03	05-24-04	1,110
Silver Creek near East Union (05329898)	Minnesota River	Lat 44°41'29", long 93°44'14", in SE1/4 SW1/4 sec. 8, T.114 N., R.24 W., Carver County, Hydrologic Unit 07020012, Measured 3.3 mile upstream of bridge on County Road 41, 0.8 mile southwest of East Union, 4.6 miles northeast of Belle Plain.	13.49	--	07-28-04	3.28
		St. Croix River basin				
Rush Creek near Rush City (05339721)	St.Croix River	Lat 45°39'22", long 92°53'25", in NE1/4 NW1/4 sec. 31, T.37 N., R.20 W., Chisago County, Hydrologic Unit 07030005, Measured 0.1 mile upstream of 487th St. bridge, 4 miles southeast of Rush City, 0.3 mile above mouth.	22.91	--	07-27-04	23.4
		Cannon River basin				
Devil Creek near Moristown (05351400)	Cannon River	Lat 44°14'51", long 93°27'45", in SW1/4 NW1/4 sec. 15, T.109 N., R.22 W., Rice County, Hydrologic Unit 070400002, Measured 0.5 below culvert on County Road 16 (230th St West), 1.5 miles northwest of Morristown, 0.5 mile above mouth.	20.25	1965, 1985, 1987-89, 2000	08-15-04	9.26
		Wells Creek basin				
Wells Creek near Belvidere Mills (05355307)	Mississippi River	Lat 44°27'28", long 92°28'38", in SW1/4 SE1/4 sec. 34, T.112 N., R.14 W., Goodhue County, Hydrologic Unit 07040001, Measured upstream of bridge on County Road 45, 8 miles southwest of Frontenac, 9.8 miles west of Lake City, 1.6 miles east of Belvidere Mills.	1.13	--	09-03-04	14.1
		Whitewater River basin				
Trout Creek near Weaver (05377508)	Whitewater River	Lat 44°12'02", long 91°56'40", in SW1/4 NW1/4 sec. 31, T.109 N., R.9 W., Wabasha County, Hydrologic Unit 07040003, Measured 0.4 mile below bridge on Trout Creek Trail, 1.2 mile south west of Weaver, 0.2 mile above mouth.	17.47	--	09-03-04	6.38
		Deering Valley Creek basin				
Deering Valley Creek near Whitman (05377550)	Mississippi River	Lat 44°08'03", long 91°47'19", in NW1/4 NE1/4 sec. 28, T.108 N., R.8 W., Winona County, Hydrologic Unit 07040003, Measured 0.2 mile upstream of U.S. Highway 61, 1.6 miles southeast of Whitman, 3.2 miles north of Minnesota City.	--	--	08-14-04	1.31
		Root River basin				
Duschee Creek above Lanesboro (05384110)	Root River	Lat 43°41'58", long 91°59'24", in NE1/4 NE1/4 sec. 26, T.103 N., R.10 W., Fillmore County, Hydrologic Unit 07040008, Measured 0.2 mile upstream of the Minnesota Department of Natural Resources Fish Hatchery outfall, 1 mile southwest of Lanesboro.	22.83	--	09-02-04	7.55