

Discharge at Miscellaneous Sites

DISCHARGE AT MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during the 1999 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)
Sauk River Basin --Seepage Run						
Sauk River at Co. Rd. 49 in Cold Spring	Mississippi River	Lat 45°26'32", long 94°26'30", in NW1/4 NW1/4 sec. 27, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at bridge on County Road 49, in Cold Spring.	--	--	10-20-98	229
Sauk River at Co. Rd. 2 in Cold Spring	Mississippi River	Lat 45°26'55", long 94°25'43", in NE1/4 SE1/4 sec. 22, T.123 N., R.30 W., at bridge on County Road 2 (Red River Ave So.), in Cold Spring.	--	--	10-20-98	248
Sauk River at Main St. in Cold Spring [05270440]	Mississippi River	Lat 46°27'22", long 94°25'21", in SW1/4 SW1/4 sec.14, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at bridge on Main Street, 0.3 mile downstream from dam in Cold Spring, 0.3 mile upstream from sewage effluent outfall.	--	1976, 1988-89	10-30-98	274
Brewery Creek above Co. Rd. 2 at Cold Spring	Sauk River	Lat 45°27'31", long 94°25'57", in SW1/4 SE1/4 sec. 15, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at outlet to swamp, 3 blocks above County Road 2 (Red River Ave. N.) in Cold Spring.	--	--	10-19-98	0.14
Brewery Creek on Co. Rd. 2 at Cold Spring	Sauk River	Lat 45°27'31", long 94°25'44", in SE1/4 SE1/4 sec. 15, T.123 N., R.30 W., sec. 15, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at bridge on County Road 2, (Red River Ave. N.) in Cold Spring.	--	--	10-19-98	1.9
Brewery Creek at mouth in Cold Spring	Sauk River	Lat 45°27'27", long 94°25'19", in SW1/4 SW1/4 sec. 14, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at mouth of Brewery Creek in Cold Springs.	--	--	10-19-98	2.9
Sauk River at Sewage Treatment Plant out- fall in Cold Spring	Mississippi River	Lat 45°27'38", long 94°24'38", in NE1/4 SW1/4 sec. 14, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, at Sewage Plant outfall, 0.6 mile below dam in Cold Spring.	--	--	10-20-98	289
Sauk River above Golden Plump wells at Cold Spring	Mississippi River	Lat 45°27'52", long 94°24'23", in SE1/4 NE1/4 sec.14, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, above Golden Plump wells at Cold Spring.	--	--	10-21-98	244
Sauk River below Golden Plump wells at Cold Spring	Mississippi River	Lat 45°27'48", long 94°24'15", in NE1/4 SE1/4 sec. 14, T.123 N., R.30 W., Stearns County, Hydrologic Unit 07010202, below Golden Plump wells at Cold Spring.	--	--	10-21-98	240
Sauk River, two miles below Cold Spring	Mississippi River	Lat 45°27'50", long 94°22'52", in NW1/4 SW1/4 sec.18, T.123 N., R.29 W., Stearns County, Hydrologic Unit 07010202, two miles below Cold Spring.	--	--	10-21-98	239
Sauk River at Sauk River Rd. in Rockville	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, Hydrologic Unit 07010202, at bridge on Sauk River Road in Rockville.	--	--	10-20-98	289

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)
Minnesota River Basin						
Chippewa River at Canton Ave. in Montevideo [05305400]	Minnesota River	Lat 44°56'53", long 95°43'50, in NE1/4 NW1/4 sec. 18, T.117 N., R.40 W., Chippewa County, Hydrologic Unit 07020005, at bridge on Canton Ave. in Montevideo.	--	1989-90, 1992	05-20-99	845
Seepage face at Wehrspann Spring near Montevideo [45545009540 2301]	Ditch 69A	Lat 45°54'50", long 95°40'23", in SW1/4 SW1/4 sec. 27, T.117 N. R.40 W., Chippewa County, Hydrologic Unit 07020004, at spring near mouth of Ditch 69A, 1.8 miles northwest of Wegdahl.	--	--	04-28-99 08-31-99	0.47 0.87
Palmer Creek near Granite Falls [05311100]	Minnesota River	Lat 44°50'54", long 95°33'47", in SW1/4 SW1/4 sec.16, T.116 N., R.39 W., Chippewa County, Hydrologic Unit 07020004, at bridge on county road, 2.5 miles north of Granite Falls.	34.2	1969-70, 1974, 1976, 1978-81, 1983	04-05-99 04-28-99 07-21-99	5.4 8.1 3.9
Hawk Creek at Eagle Lake outlet near Willmar	Minnesota River	Lat 45°10'18", long 95°00'42", SW1/4 SE1/4, sec. 25, T.120 N., R.35 W., Kandiyohi County, Hydrologic Unit 07020004, at dam for Eagle Lake outlet, 4.1 miles north-east of Willmar.	--	# 1972-73	04-26-99 06-01-99 07-19-99 08-30-99	14 6.1 1.5 0
Hawk Creek at Willmar Lake inlet in Willmar	Minnesota River	Lat 45 °08'58", long 95°01'24", in NE1/4 NE1/4 sec. 2, T.119 N., R.35 W., Kandiyohi County, Hydrologic Unit 07020004, at inlet to Willmar Lake in Willmar.	--	--	04-26-99 07-20-99	12 2.5
Hawk Creek at Foot Lake Outlet at Willmar	Minnesota River	Lat 45°07'28", long 95° 04'32", in SW1/4 SW1/4 sec. 9, T.119 N., R.35 W., Kandiyohi County, Hydrologic Unit 07020004, at outlet to Foot Lake in Willmar.	--	--	04-26-99 08-24-99 09-01-99	17 1.3 2.2
Hawk Creek at Co. Rd. 116 near Willmar	Minnesota River	Lat 45° 05'27", long 95° 08'42" in SW1/4 NE1/4 sec. 26, T.119 N. R.36 W., Kandiyohi County, Hydrologic Unit 07020004, at bridge on County Road 116, 3 miles southwest of Willmar.	--	--	04-27-99 06-02-99 07-08-99 08-11-99 08-24-99 08-30-99	27 19 149 47 8.5 16
Hawk Creek at Township Rd. 8 above Raymond	Minnesota River	Lat 45°02'06", long 95°13'01", in NW1/4 NE1/4 sec. 17, T.118 N., R.36 W., Kandiyohi County, Hydrologic Unit 07020004, at bridge on Township Road 8, 1 mile northeast of Raymond.	--	--	04-27-99 06-02-99 07-20-99 08-17-99 08-31-99	35 34 14 20 23
Hawk Creek at 160 Ave. SW below Raymond	Minnesota River	Lat 45°01'12", long 95°16'05", in NE1/4 NE1/4 sec. 23, T.118 N., R. 37 W., Chippewa County, Hydrologic Unit 07020004, at bridge on 160th Ave SW, 1 mile west of Raymond.	--	--	04-27-99 06-02-99 08-17-99 08-31-99 09-28-99	39 42 24 27 8.9
Long Lake Outlet near Willmar	Hawk Creek	Lat 45°11'09", long 95°03'46", in SW1/4 SW1//4 sec. 22, T.120 N., R.35 W., Kandiyohi County, Hydrologic Unit 07020004, at bridge on township road, below Long Lake Outlet, 3 miles north of Willmar.	--	--	04-27-99 07-19-99 08-11-99 08-24-99 09-28-99	2.0 4.2 3.5 2.0 0.77
St. Johns Lake outlet near Pennock	Hawk Creek	Lat 45°08'43", long 95°08'47", in NE1/4 SE1/4 sec. 2, T.119 N., R.36 W., Kandiyohi County, Hydrologic Unit 07020004, at culvert on township road, just below St. Johns Lake outlet, 1 mile east of Pennock.	--	--	04-27-99 06-02-99 07-20-99 08-24-99 09-28-99	11 11 7.8 5.2 2.1

DISCHARGE AT MISCELLANEOUS SITES--Continued

Stream Name and [Station No.]	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Minnesota River Basin--continued						
Lateral E of Joint Ditch # 7 near Raymond	Hawk Creek	Lat 45°03'19", long 95°18'31", in SE1/4 SE1/4 sec. 4, T.118 N., R.37 W., Chippewa County, Hydrologic Unit 07020004, at bridge on town- ship road, 4 miles northwest of Raymond.	--	--	04-27-99	17
					07-22-99	9.5
					08-31-99	13
Hawk Creek at County Road 4 in Maynard	Minnesota River	Lat 44°54'09", long 95°27'46", in SW1/4 NE1/4 sec. 32, T.117 N., R.38 W., Chippewa County, Hydrologic Unit 07020004, at culverton County Road 4, in Maynard.	--	--	04-27-99	689
					07-22-99	29
					08-31-99	38
County Ditch 11 at Co. Rd. 17 in Maynard	Hawk Creek	Lat 44° 54'18", long 95° 28'30", in NE1/4 NE1/4 sec. 31, T.117 N., R.38 W. Chippewa County, Hydrologic Unit 07020004, at bridge on County Road 17, on west edge of Maynard.	--	--	04-27-99	7.9
					07-22-99	1.2
					08-31-99	1.8
Chetomba Creek at State High- way 7 near Prinsburg [05313900]	Hawk Creek	Lat 44°56'06", long 95°12'05", in SE1/4 SW1/4, sec. 16, T.117 N., R.36W., Kandiyohi County, Hydro- logic Unit 07020004, at State High- way 7, 0.7 mile west of Prinsburg.	--	1949-51	04-28-99	19
					07-22-99	4.8
					08-11-99	42
Chetomba Creek at 120th St. near Prins- burg	Spring Creek	Lat 44°55'04", long 95°12'26", in NE1/4 NE1/4 sec.29 T.117 N., R.36 W., Kandiyohi County, Hydrologic Unit 07020004, at bridge on town- ship road, 1.0 mile southwest of Prinsburg.	--	--	04-28-99	19
					06-02-99	20
					07-22-99	5.4
					08-25-99	2.6
Joint Ditch # 1 at Co. RD. 17 near Maynard	Chetomba Creek	Lat 44° 54'20", long 95 °22'30", in SE1/4 SE1/4 sec. 25, T.117 N., R.38 W., Chippewa County, Hydro- logic Unit 07020004, at culvert on County Road 17, 5 miles east of Maynard.	--	--	04-28-99	1.2
					06-03-99	1.9
					08-31-99	e 0.3
Chetomba Creek above mouth near Maynard	Spring Creek	Lat 44°51'42", long 95°25'38", in SE1/4 SE1/4 sec. 9, T.116 N., R.38 W., Renville County, Hydrologic Unit 07020004, at drop structure on township road, 3 miles southeast of Maynard.	--	--	04-28-99	36.6
					05-13-99	143
					06-03-99	38.9
					07-22-99	12.5
Hawk Creek near Maynard [05314500]	Minnesota River	Lat 44°52'10", long 95°28'58", in SW ¹ / ₄ NW ¹ / ₄ sec. 7, T. 116 N., R. 38 W., at Renville and Chippewa County line, Hydrologic Unit 07020004, at bridge on State Highway 23, 3.0 miles southwest of Maynard	315	# 1949-54, + 1981-cur- rent year	04-28-99	81
					08-31-99	39
County Ditch # 45 near Renville	Sacred Heart Creek	Lat 44°45'35", long 95°13'20", in NE1/4 NE1/4 sec. 19, T.115 N., R.37 W., Renville County, Hydrologic Unit 07020004, at culvert on town- ship road, 2 miles south of Ren- ville.	--	--	04-29-99	2.4
					06-02-99	2.2
					07-20-99	1.8
					09-01-99	3.5
					09-30-99	0.91
Scared Heart Creek above mouth near Delhi [05314700]	Minnesota River	Lat 44°40'14", long 95°4'43", in NW1/4 NE1/4 sec. 24, T.114 N., R.37 W., Renville County, Hydrologic Unit 07020004, at bridge on County Highway 15, 4.8 miles northeast of Delhi.	42.7	1969, 1974-81, 1983	04-29-99	10
					08-12-99	14
					09-29-99	1.4
West Fork Beaver Creek near Ren- ville	Beaver Creek	Lat 44°48'13", long 95°08'27", in SE1/4 SE1/4 sec. 35, T.116 N., R.36 W., Renville County, Hydrologic Unit 07020004, at bridge on town- ship road, 2 miles northwest of Danube and 3 miles northeast of Renville.	--	--	10-20-98	0.19
					04-29-99	9.5
					06-09-99	99
					06-16-99	20
					06-30-99	48
					06-22-99	16

Stream Name and [Station No.]	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Minnesota River Basin--continued						
West Fork Beaver Creek near Danube	Beaver Creek	Lat 44°44'41", long 95°05'10", in NE1/4 NW1/4 sec. 29, T.115 N., R.35 W., Renville County, Hydrologic Unit 07020004, at twin box culverts on township road, 3 miles south of Danube.	--	--	04-29-99	18
					06-16-99	40
					09-30-99	5.1
West Fork Beaver Creek at Co. Rd. 62 near Olivia	Beaver Creek	Lat 44°42'04", long 95°02'33", in NW1/4 NE1/4 sec. 3, T.114 N., R.35 N., Renville County, Hydrologic Unit 07020004, at bridge on County Road 62, 5 miles southwest of Olivia.	--	--	10-20-98	4.9
					04-29-99	22
					06-02-99	32
					07-21-99	19
West Fork Beaver Creek at Co. Rd. 4 near Bechyn	Beaver Creek	Lat 44°40'20", long 95°01'16", in NW1/4 NE1/4 sec. 23, T.114 N., R.23 W., Renville County, Hydrologic Unit 07020004, at bridge on County Road 4, 2 miles northeast of Bechyn.	--	--	10-20-98	5.7
					04-29-99	24
					07-09-99	97
					07-13-99	47
					09-01-99	33
East Fork Beaver Creek at U.S. Hwy 71 near Olivia	Beaver Creek	Lat 44°39'49", long 94°59'41", in NE1/4 SE1/4 sec. 24, T.114 N., R.35 W., Renville County, Hydrologic Unit 07020004, at culvert on U.S. State Hwy 71, 7 miles south of Olivia.	--	--	04-29-99	19
					07-21-99	16
					08-12-99	23
					09-30-99	15
Beaver Creek near Beaver Falls [05316570]	Minnesota River	Lat 44°35'10", long 95°02'49", in NE ¹ / ₄ NW ¹ / ₄ sec. 22, T.113 N., R.35 W., Renville County, at bridge near Beaver Falls, 2.2 miles above mouth and 3.8 miles northwest of Morton.	191	+ 1972 - current year	04-29-99	49
					08-12-99	55
Zumbro River Basin--Seepage run						
South Fork Zumbro River at 16th St. SW in Rochester.	Zumbro River	Lat 44°00'02", long 92°28'39", in SW1/4 NW1/4 sec. 11, T.106 N., R.14 W., Olmstead County, Hydrologic Unit 07040004, at bridge on 16th St. SW, in Rochester.	--	--	11-19-98	70
South Fork Zumbro River at 8th St. in Rochester	Zumbro River	Lat 44°01'00", long 92°27'43", in SE1/4 NE1/4 sec. 2, T.106 N., R.14 W., Olmstead County, Hydrologic Unit 07040004, at 8th St. in Rochester.	--	--	11-19-98	78
Bear Creek at Rochester [05372930]	South Fork Zumbro River	Lat 44°00'28", long 92°26'45", in SW1/4 SE1/4 sec. 1, T.106 N., R.14 W., Olmstead County, Hydrologic Unit 07040004, at U. S. Hwy. 14 bridge, 1.1 miles from mouth, and in southeast part of Rochester.	78.8	+ 1968-83, # 1978, # 1981, 1998	11-19-98	38
Bear Creek at 4th St. in Rochester	South Fork Zumbro River	Lat. 44°01'10", long 92°27'20", in NW1/4 NW1/4 sec. 1, T.106 N., R.14 W., Olmstead County, Hydrologic Unit 07040004, at 4th St. in Rochester.	--	--	11-19-98	39
Silver Creek at 11th Ave. NE in Rochester	South Fork Zumbro River	Lat 44°01'45", long 92°27'00", in SE1/4 NW1/4 sec. 36, T.107 N., R.14 W., Olmstead County, Hydrologic Unit 07040004, at 11th Ave. NE, in Rochester.	--	--	11-19-99	9.0
Des Moines River Basin						
Des Moines River above Great Bend near Windom [05475200]	Des Moines River	Lat 43°55'14", long 95°13'24", in SE1/4 SE1/4 sec. 1, T. 105 N., R.37 W., Cottonwood County, Hydrologic Unit 07100001, at bridge on County Road 14, 4 miles northwest of Windom.	--	--	09-07-99	3.0

DISCHARGE AT MISCELLANEOUS SITES--Continued

Stream Name and [Station No.]	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
Des Moines River Basin--continued						
Des Moines River below Great Bend near Windom [05475250]	Des Moines River	Lat 43°54'59", long 95°10'55", in NE1/4 NE1/4 sec. 8, T.105 N., R.36 W., Cottonwood County, Hydrologic Unit 07100001, at bridge on County Road 14, 3 miles northwest of Win- dom.	--	--	09-08-99	7.4
Des Moines River above Windom [05475350]	Des Moines River	Lat 43°53'25", long 95°09'39", in NE1/4 NE1/4 sec. 21, T.105 N., R.36 W., Cottonwood County, Hydrologic Unit 07100001, at bridge on County Road 15, 2 miles northwest of Win- dom.	--	--	04-27-99 09-09-99	1,470 8.6
Des Moines River at Windom [05475600]	Des Moines River	Lat 43°51'30", long 95°06'55", in NE1/4 NW1/4 sec.36, T.105 N., R.36 W., Cottonwood County, Hydrologic Unit 07100001, at State Highway 60 in Windom.	--	1946, 1961-69, 1972, 1979, 1983, 1998	09-09-99 09-22-99	4.0 12