

Discharge at Low-Flow Sites



Minnesota River at Montevideo, dry channel, August 1932.

DISCHARGE AT LOW-FLOW SITES

Measurements of streamflow made at low-flow partial record stations are given in the following table. These measurements were made during periods of base flow when streamflow is primarily from ground-water sources. These measurements, when correlated with simultaneous discharge of a nearby stream (when continuous records are available), will give a picture of the low-flow potentiality of a stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
Sauk River Basin						
Sauk River at Sauk Centre (05270180)	Mississippi River	Lat 45°43'22", long 94°56'17", in SW1/4 NE1/4 sec.15, T.126 N., R.34 W., Stearns County, Hydrologic Unit 07010202, at bridge on County Highway 186 in Sauk Centre, 1.1 miles downstream from Sauk Lake.	367	1941, 1969-70, 1974, 1976, 1988, 2000	04-11-00	17.3
Sauk River at Co. Hwy 65 near Melrose	Mississippi River	Lat 45°41'15, long 94°50'24" in SE1/4 NE1/4 sec. 28, T.126 N., R.33 W., Stearns County, Hydrologic Unit 07010202, at bridge on County Highway 65, 1.5 miles northwest of Melrose.	--	1976, 2000	04-10-00 09-07-00	22.3 18.0
Sauk River Trib. at St. Hwy 4 near Lake Henry	Saul River	Lat 45°28'05", long 94°48'01", in NW1/4 NW1/4 sec. 14, T.123 N., R.33 W., Stearns County, Hydrologic Unit 07010202, at culvert on State Highway 4, 0.2 mile north of Lake Henry, above Sewage Treatment plants.	--	2000	04-11-00	0.00
Rice Creek Basin						
Stony Brook at Co. Rd. 4 in Foley	Rice Creek	Lat 45°39'44, long 93°54'21", in SE1/4 SE1/4 sec. 26, T.37 N., R.29 W., Benton County, Hydrologic Unit 07010203, at culvert on County Road 4, on the south side of Foley, above sewage treatment plant.	--	2000	04-10-00	0.16
Crow River Basin						
North Fork Crow River at Paynesville (05276200)	Crow River	Lat 45°23'09", Long. 94°42'41", in SW1/4 SE1/4 sec.9, T.122 N., R.32 W., Stearns County, on left downstream wing wall of township bridge.	243	1972-current year ⁺	04-11-00	37.4
Jewitts Creek (Th. 22) at Litchfield (05278080)	North Fork Crow River	Lat 45°08'14", long 94°31'41", in NW1/4 NE1/4 sec. 11, T.120 N., R.31 W., Meeker County, Hydrologic Unit 07010204, at culvert on State Highway 22, on north side of Litchfield.	--	2000	11-18-99 04-11-00 09-06-00	0.60 1.04 0.28
North Fork Crow River at Co. Hwy. 35 near Cokato	Crow River	Lat 45°09'11", long 94°10'18", in SW1/4 SW1/4 sec. 35, T.120 N., R.28 W., Wright County, Hydrologic Unit 07010204, at bridge on County Highway 35, 6.4 miles north of Cokato, 2.5 miles above Cokato Sewage Treatment Plant outfall.	--	1999-00	11-17-99 04-12-00 09-06-00	52.9 162 28.1
Sucker Creek at U.S. Hwy. 12 in Cokato	North Fork Crow River	Lat 45°04'30", long 94°10'33", in SE1/4 NE1/4 sec. 34, T.119 N., R.28 W., Wright County, Hydrologic Unit 07010204, at culvert on U.S. Hwy 12, on the east edge of Cokato, 0.4 mile above Sewage Treatment plant.	--	2000	04-11-00 09-06-00	4.75 3.17
South Fork Crow River at St. Hwy. 7 at Cosmos (05278500)	Crow River	Lat 44°56'05", long 94°40'20", in SW1/4 SW1/4 sec.14, T.117 N., R.32 W., Meeker County, Hydrologic Unit 07010205, at bridge on State Highway 7, 1 mile east of Cosmos.	221	1945-64 [#] , 1965, 1969-70, 1976-77, 1988,2000	04-11-00	17.4

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis-charge (ft ³ /s)
Crow River Basin - Continued						
Buffalo Creek near Co. Hwy. 25 near Buffalo Lake (5278830)	South Fork Crow River	Lat 44°46'05", long 94°32'48", in SW1/4 NE1/4 sec.15, T.115 N., R.31 W., Renville County, Hydrologic Unit 07010205, at bridge on County Highway 25 just upstream from right bank tributary (County Judicial Ditch No. 15), 2 miles northwest of Stewart, 2 miles northeast of town of Buffalo Lake.	127	1969-71, 1975-76, 1988-89, 2000	11-18-99 04-11-00	1.71 4.96
Renville County Judicial Ditch 15 at Co. Hwy. 25 near Buffalo Lake (05278835)	Buffalo Creek	Lat 44°46'05", long 94°32'55", in NW1/4 SE1/4 sec.15, T.115 N., R.31 W., Renville County, Hydrologic Unit 07010205, 0.1 mile upstream from mouth, in vicinity of County Highway 25 bridge over Buffalo Creek, 2 miles northwest of Stewart, 2 miles northeast of town of Buffalo Lake.	94.9	1969-71, 1975-76, 1988-89, 2000	11-18-99 04-11-00	2.93 4.44
Buffalo Creek at Brownton	South Fork Crow River	Lat 44°44'09", long 94°21'02", in SE1/4 SW1/4 sec. 29, T.115 N., R.29 W., McLeod County, Hydrologic Unit 07010205, on County Road 25 bridge No. 43520, at north edge of Brownton.	--	1970, 1998, 2000	11-18-99 04-11-00	6.64 10.0
Buffalo Creek near Glencoe (05278930)	South Fork Crow River	Lat 44°45'50", long 94°05'27", in SW1/4 SW1/4 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.	373	1971-80 [#] , 1991-95 ⁺ , 1998-cur-rent year ⁺	04-12-00	11.9
South Fork Crow River at Delano (05279400)	Crow River	Lat 45°02'31", long 93°47'22", in NE1/4 SE1/4 sec. 11, T.118 N., R.25 W., Wright County, Hydrologic Unit 07010205, on the Bridge Street bridge, 5.8 miles from confluence with North Fork Crow River, and at west edge of Delano.	--	1962-63 ^a , 1966-69 ^a , 1971-73 ^a , 1998 ^a , 2000	04-12--00	83.5
Rum River Basin						
Rum River at Cambridge (05285000)	Mississippi River	Lat 45°34'20", long 93°14'00", in NE1/4 NW1/4 sec.32, T.36 N., R.23 W., Isanti County, Hydrologic Unit 07010207, at old bridge in city park below State Highway 95 bridge in Cambridge.	1,160 ^b	1965 ^a , 1968-69 ^a , 1969-70, 1975 ^a , 1979, 1988-89, 2000	04-10-00 09-06-00	371 77.2
Rum River at Co. Rd. 5 in Isanti	Mississippi River	Lat 45°29'35", long 93°15'56", in SW1/4 NW1/4 sec. 30, T.35 N., R.23 W., Isanti county, Hydrologic Unit 07010207, at bridge on County Road 5, 0.8 mile west of Isanti.	--	1958-60 ^a , 1962 ^a , 1965-69, 2000	04-12-00 09-06-00	370 99.1
Coon Creek Basin						
Coon Creek at Coon Rapids Bldv. in Coon Rapids (05288490)	Mississippi River	Lat 45°09'05", long 93°17'48", in NW1/4 NE1/4 sec.26, T.31 N., R.24W., Anoka County, Hydrologic Unit 07010206, at abandoned bridge by Coon Rapids Blvd. (County Road 1), in Coon Rapids, 1.2 miles above mouth.	96.4	1932-36, 1939-42, 1950-51, 1955-56, 1969-72, 1980,1988, 2000	04-11-00	38.4
Rice Creek at Old Hwy. 8 in Mounds View	Mississippi River	Lat 40°05'37", long 93°11'38", in NW1/4 NE1/4 sec. 17, T.30 N., R.23 W., Ramsey County, Hydrologic Unit 07010206, at culvert under Old Highway 8, in Mounds View.	--	2000	11-17-99	12.0

DISCHARGE AT LOW-FLOW SITES--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
Coon Creek Basin--Continued						
Bassett Creek at Fruen Mill in Minneapolis (05288900)	Mississippi River	Lat. 44°58'45", long. 93°18'48", in SE1/4 sec. 20, T.29 N, R.24 W, Hennepin County, Hydrologic Unit 07010206, at Fruen Mill, 700 ft. downstream from Glenwood Ave., at Minneapolis, 2.66 miles above mouth.	41.6	1952-56, 1963-81, 2000	04-11-00	8.14
Minnesota River Basin						
Wood Lake Creek (Judical Ditch 10) at Wood Lake (05314580)	Minnesota River	Lat 44°38'47", long 95°31'28", in SE1/4 SE1/4 sec. 27, T.114 N., R.39 W., Yellow Medicine County, Hydrologic Unit 07020004, at bridge on Railroad Ave, at southeast side of Wood Lake, 11 miles south of Granite Falls.	--	2000	11-18-00	0.96
Dutch Charley Creek near Lambertson (05316890)	Cottonwood River	Lat 44°12'58", Long 95°16'12", in NW1/4 SW1/4 sec.26, T.109 N., R.37 W., Redwood County, Hydrologic Unit 07020008, at bridge on County Highway 6, 1.2 miles south of Lambertson.	87.6	1969, 1973-74, 1978, 1980-81, 1983, 2000	11-19-99	0.54
Center Creek at Co. Rd. 143 in Fairmont (05318170)	Blue Earth River	Lat 43° 40'22", long 94° 27'44", in NE1/4 NW1/4 sec.5, T.102 N., R.30 W., Martin County, Hydrologic Unit 07020009, at bridge on County Road 143, in Fairmont, downstream of outlet from Lake George, 800 feet above Sewage Treatment Plant outfall.	--	1969, 1971, 1995, 2000	09-21-00	0.0
St. James Creek at 7th Ave S. in St. James	Watonwan River	Lat 43°58'44", long 94°36'44", in SW1/4 SW1/4 sec. 18, T.106 N., R.31 W., Watonwan County, Hydrologic Unit 07020010, at culvert on 7th Ave. South on East edge of St. James, above Sewage Treatment Plant outfall.	--	1999-00	09-21-00	0.52
Le Sueur River near New Richland (05320020)	Blue Earth River	Lat 43°56'43", long 93°27'21", near center of N1/2 sec. 34, T.106 N., R.22 W., Waseca County, Hydrologic Unit 07020011, at bridge on County Highway 56, 3.75 miles northeast of New Richland.	75.9	1969,1971, 1976, 1980, 1987-89, 1996, 2000	11-17-99	5.05
Boot Creek near New Richland (05320040)	Le Sueur River	Lat 43°56'07", long 93°30'52", on line between sec. 6, T.105 N., R.22 W., and sec. 31, T.106 N., R.22 W., Waseca County, Hydrologic Unit 07020011, at bridge on County Road, 0.5 mile upstream from mouth, and 2 miles northwest of New Richland.	49.3	1969, 1971, 1976, 1980, 1987-89, 1996, 2000	11-17-99	1.47
Little Le Sueur River near Wilton (05320060)	Le Sueur River	Lat 44°00'06", long 93°30'32", in SE1/4 NE1/4 sec. 7, T.106 N., R.22 W., Waseca County, Hydrologic Unit 07020011, at bridge on County Highway 51, 0.25 miles upstream from mouth, and 1.5 miles southeast of Wilton.	24.2	1969,1971, 1976, 1980, 1987-89, 1996, 2000	11-17-99	2.38
Le Sueur River at Wilton (05320070)	Blue Earth River	Lat 44°00'52", long 93°31'38", in NE1/4 SE1/4 sec. 1, T.106 N., R.23 W., Waseca County, Hydrologic Unit 07020011, at bridge on County Highway 4, 0.2 mile east of Wilton.	177	1968-69, 1976, 1980, 1995-96, 2000	11-17-99	10.2
Renville County Ditch 104 at Sacred Heart	Minnesota River	Lat 44°47'05", long 95°20'26", in SW1/4 NW1/4 sec. 8 T.115 N., R.37 W., Renville County, Hydrologic Unit 07020004, at culvert on County Highway 9 on east side of Sacred Heart.	--	1999-2000	11-18-99 04-11-00	0.002 ^c 0.06

DISCHARGE AT LOW-FLOW SITES--Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis-charge (ft ³ /s)
Minnesota River--Continued						
Dog Creek near Kasota (05325250)	Minnesota River	Lat 44°17'26", long 93°54'09", in NE1/4 SW1/4 sec. 36, T.110 N., R.26 W., Le Sueur County, Hydrologic Unit 07020007, on County Road 18, 3 miles east of Kasota, 3.5 miles southeast of St. Peter.	--	1984-85, 1987-88, 2000	04-11-00	0.26
Shanaska Creek at Kasota (05325260)	Minnesota River	Lat 44°17'19", long 93°57'18", in NW1/4 SE1/4, sec.33, T.110 N., R.26 W., Le Sueur County, Hydrologic unit 07020007, State Highway 22, on east edge of Kasota, 2.5 miles south of St. Peter.	--	1984-85, 1987-88, 2000	04-11-00	0.21
Pauls Creek near St. Peter	Minnesota River	Lat 44°319'57", long 93°55'12", in NE1/4 SW1/4 sec. 14, T.110 N., R.26 W., Le Sueur County, Hydrologic Unit 07020007, at outlet to ponds in Ottawa State Wildlife Management area, 0.8 mile above above St. Peter Sewage Treatment Plant out-fall.	--	1993, 2000	11-18-99 04-12-00	3.43 1.32
Le Sueur Creek at Co. Rd. 61 near Ottawa (05326030)	Minnesota River	Lat 44°23'56", long 93°53'04", in SW1/4 SW1/4 sec. 20, T.111 N., R.25 W., Le Sueur County, Hydrologic Unit 07020007, at County Road 61, 4.1 miles northeast of Ottawa.	--	1969, 1987-88, 2000	04-12-00	6.30
Le Sueur Creek at Co. Rd. 117 at Le Sueur (05326060)	Minnesota River	Lat 44°28'30", long 93°53'41", in NW1/4 SE1/4 sec. 25, T.112 N., R.26 W., Le Sueur County, Hydrologic Unit 07020012, at bridge on County Road 117 in Le Sueur.	--	1988, 2000	04-12-00	9.95
North Branch Rush River at Co. Rd. 67 near Gaylord	Rush River	Lat 44°32'36", long 94°10'38", in SE1/4 SE1/4 sec. 34, T.113 N., R.28 W., Sibley County, Hydrologic Unit 07020012, at culvert on County Road 67, 2 miles southeast of Gaylord, downstream of Sewage Treatment Plant and Mud Lake outlet.	--	2000	11-22-99	0.40
Sand Creek Trib. at Co. Rd. 26 in Montgomery	Sand Creek	Lat 44°26'34", long 93°35'15", in NE1/4 NE1/4 sec. 9, T.11 N., R.23 W., Le Sueur County, Hydrologic Unit 07020012, at culvert on County Road 26, on north side of Montgomery.	--	2000	11-22-99	0.24
Carver Creek near Carver (5330650)	Minnesota River	Lat 44°45'01", long 93°39'00", in SW1/4 SE1/4, sec. 24, T.115 N., R.24 W., Carver County, Hydrologic unit 07020007, at bridge on County Road 40, 1.25 miles above mouth and 1.5 miles southwest of Carver.	14.8	1967-70, 1975-76, 1979-80, 1985, 1988, 2000	04-11-00	5.21
Chaska Creek at Chaska (05330700)	Minnesota River	Lat 44°47'19", long 93°36'19", in NE1/4 NE1/4 sec. 8, T.115 N., R.23 W., Carver County, Hydrologic Unit 07020012, at bridge on U.S. Highway 212, in Chaska, 1 mile upstream from mouth.	--	1967-70, 1975-76, 1979-80, 1985, 1988, 2000	04-11-00	1.88
Credit River at 123rd St. in Savage (05330875)	Minnesota River	Lat 44°46'42", long 93°20'35", in SE1/4 SW1/4, sec 31, T.115 N., R.24 N., Scott County, Hydrologic unit 07020012, at bridge on 123rd street (formerly Minnesota Street), in Savage, 0.67 miles from mouth.	--	1968-69, 1979, 1988, 2000	04-11-00	7.37

DISCHARGE AT LOW-FLOW SITES--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis-charge (ft ³ /s)
St. Croix River Basin						
Rush Creek at Forest Blvd. (Co. Rd. 30) in Rush City,	St. Croix River	Lat 45°40'57", long 92°57'43", in NE1/4 NE1/4 sec. 21 T.37 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at bridge on Forest Blvd. in Rush City, 1 mile above Sewage Treatment ponds.	--	2000	04-12-00 09-05-00	18.2 0.24
Rush Creek at Keystone Ave. near Rush City (05339720)	St. Croix River	Lat 45°39'19", long 92°53'55", in NW1/4 NW1/4 sec.31, T.37 N., R.20 W., Chisago County, Hydrologic Unit 07030005, at bridge on Keystone Ave. (County Highway 56), 3.5 miles southeast of Rush City.	60.2	1967-69, 1974-76, 1988, 2000	04-13-00 09-05-00	24.7 3.42
Goose Creek near Harris (05339747)	St. Croix River	Lat. 45°35'11", long.92°58'39", in SW 1/4 SW 1/4 sec. 21, T.36 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at culverts under County Highway 9, 0.15 mile east on County Highway 30 in Harris, 8 miles above mouth.	47.3	1986-cur- rent year ⁺	04-13-00 09-06-00	10.8 1.82
Goose Creek at Co. Hwy. 57 near Harris, (05339750)	St. Croix River	Lat 45°36'45", long 92°55'29", in NW1/4 NE1/4 sec.14, T.36 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at bridge on County Highway 57, 3 miles northeast of Harris.	63.9	1967, 1969, 1974-76, 1979-80, 1988, 2000	04-13-00 09-05-00	13.8 2.19
Sunrise River at Co. Rd. 14 near Lindstrom (05340050)	St. Croix River	Lat 45°27'00", long 92°53'10", in SW1/4 NE1/4 sec. 7, T.34 N., R.20 W., Chisago County, Hydrologic Unit 07030001, on left bank 20 feet downstream from bridge on County Road 14, 4.5 miles northwest of Lindstrom.	231	1949-85 [#] , 1988, 2000	09-05-00	20.7
Sunrise River Trib. at Co. Hwy. 15 near Lindstrom	Sunrise River	Lat 45°27'19", long 92°53'51", in SE1/4 SE1/4 sec. 1, T.34 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at culvert on County Highway 15, 0.7 mile upstream from mouth, 5.5 miles northwest of Lindstrom.	4.25	1969, 1974-76, 1980, 1988, 2000	09-05-00	1.07
North Branch Sunrise River at Co. Hwy. 30 in North Branch (05340130)	St. Croix River	Lat 45°30'57", long 92°58'47", in SW1/4 SW1/4 sec.16, T.35 N., R.21 W., Chisago County, Hydrologic Unit 07030005, at culvert on County Highway 30, at North Branch.	53.5	1969, 1974-76, 1980, 1988, 2000	09-06-00	9.46
North Branch Sunrise River at St. Hwy. 95 near North Branch (05340170)	St. Croix River	Lat 45°30'48", long 92°53'36", in SW1/4 SW1/4 sec.18, T.35 N., R.20 W., Chisago County, Hydrologic Unit 07030005, at bridge on State Highway 95, 4 miles east of North Branch.	71.8	1967-70, 1974-76, 1988, 2000	09-05-00	17.3
Vermillion River Basin						
South Fork Vermillion River at Co. Rd. 66 in Empire (05345100)	Vermillion River	Lat 44°39'33", long 93°00'27", in NE1/4 NW1/4 sec. 29, T.114 N., R.18 W., Dakota County, Hydrologic Unit 07040001, at bridge on County Road 66, 0.1 mile above mouth, 3.5 miles southwest of Vermillion, 0.1 mile east of Empire.	--	1990-91, 1995, 2000	04-12-00	13.1
Cannon River Basin						
Cannon River at 2nd Av. NW in Faribault (05352010)	Mississippi River	Lat 44°18'28", long 93°18'28", in SW1/4 NE1/4 sec. 30, T.110 N., R.20 W., Rice County, Hydrologic Unit 07040002, at bridge on 2nd Ave. NW (State highway 218) in Faribault, 75 ft below old mill dam, 0.3 mile upstream of Straight River.	--	1965-73, 1995, 2000	04-10-00	48.0

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis-charge (ft ³ /s)
Cannon River Basin--Continued						
Straight River at 14 th St. in Faribault	Cannon River	Lat 44°18'37", long 93°16'09", in NW1/4 NE1/4 sec. 30, T.110 N., R.20 W., Rice County, Hydrologic Unit 07040002, at bridge on 14th street in Faribault, 200 feet upstream from confluence with Cannon River, above sewage Treatment Plant out-fall.	--	1965, 1970, 2000	04-10-00	119
Cannon River at Northfield (05355024)	Mississippi River	Lat 44°27'19", long 93°09'46", in NE1/4 NE1/4 sec.1, T.111 N., R.20 W., Rice County, on left bank at downstream side of Fifth Street bridge in Northfield.	929	1979-current year ⁺	04-10-00	249
Little Cannon River at Sogn	Cannon River	Lat 44°24'24", long 92°55'50", in NW1/4 of sec. 24, T.111 N., R.18 W., Goodhue County, Hydrologic Unit 07040002, on County Road 9 (bridge 25541), at west edge of Sogn.	--	1998-00	04-12-00	13.6
Little Cannon River at Cannon Falls	Cannon River	Lat 44°28'13", long 92°56'02", in NW1/4 sec. 36, T.112 N., R.18 W., Goodhue County, Hydrologic Unit 07040002, on County Road 24 (bridge No. 25554), 3.5 miles from confluence with Cannon River, and 2.2 miles south-southwest of Cannon Falls.	--	1998, 2000	04-12-00	29.3
Zumbro River Basin						
South Fork Zumbro River at Rochester (05372800)	Zumbro River	Lat 44°00'21", long 92°28'16", in SE1/4 SW1/4 sec.2, T.106 N., R.14 W., Olmsted County, Hydrologic Unit 07040004, on U. S. Highway 14 (bridge No. 55037), 1.5 miles from confluence Bear Creek, and at south end of Rochester.	155	1965-83 ⁺ , 1978 [#] , 1981 [#] , 1998, 2000	04-11-00	35.8
Silver Creek at Rochester (05372950)	South Fork Zumbro River	Lat 44°01'44", long 92°25'44", near center of Sec. 31, T.107 N., R.13 W., Olmsted County, Hydrologic Unit 07040004, in Quarry Hill Nature Center at east edge of Rochester.	17.7	1969-83 ⁺ , 1981 [#] , 1998, 2000	04-11-00	2.54
Casade Creek at Rochester (05372990)	South Fork Zumbro River	Lat 44°01'49", long 92°28'19", in SE1/4 NW1/4 sec. 35, T.107 N., R.14 W. Olmsted County, Hydrologic Unit 07040004, on County bridge No 55529, 0.6 miles from confluence with South Fork Zumbro River, and at west edge of Rochester.	38.2	1969-83 ⁺ , 1981 [#] , 1998, 2000	04-11-00	5.61
South Branch of Middle Fork Zumbro River at Mantorville (05373220)	Middle Fork Zumbro River	Lat 44°03'51", long 92°45'17", in NW1/4 NW1/4 sec. 21 T.107 N., R.16 W., Dodge County, Hydrologic Unit 07040004, below old mill dam on County Highway 15 in Mantorville.	--	2000	04-12-00	34.8
Masten Creek at Kasson (053732300)	South Branch Middle Fork Zumbro River	Lat 44°01'46", long 92°44'21", in NE1/4 SE1/4 sec. 33 T.107 N., R.16 W., Dodge County, Hydrologic Unit 07040004, below old mill dam on County Highway 34 on east side of Kasson, upstream of Sewage Disposal plant.	--	2000	04-12-00	0.99
North Fork Zumbro River near Wanamingo	Zumbro River	Lat 44°18'49", long 92°48'37", in SW1/4 of sec. 24, T.110 N., R.17 W., Goodhue County, Hydrologic Unit 07040004, on County Road 30 (bridge 25520), 1.0 mile northwest of Wanamingo.	--	1998, 2000	04-12-00	23.2

DISCHARGE AT LOW-FLOW SITES--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Discharge (ft ³ /s)
Root River Basin						
South Branch Root River at Lanesboro (05384120)	Root River	Lat 43°43'19", long 91°58'43", in NW1/4 SE1/4 sec. 13, T.103 N., R.10 W., Fillmore County, Hydrologic Unit 07040008, on old discontinued bridge at ball park in Lanesboro.	297	1915, 1940-42, 1950, 1965-67, 1969,1971, 1972-86+, 1998,2000	04-11-00	121
Iowa River Basin						
Cedar River at Lansing	Iowa River	Lat 43°44'47", long 92°57'30", in NE1/4 sec. 11, T.103 N., R.18 W., Mower County, Hydrologic Unit 07080201, on County Road 2 (bridge No 50524), 0.5 miles east of Lansing.	--	1998, 2000	11-16-99 04-11-00	22.5 21.5
Dobbins Creek at Austin	Cedar River	Lat 43°40'38", long 92°56'22", in SW1/4 sec. 36, T.103 N., R.18 W., Mower County, Hydrologic Unit 07080201, on County Road 61 (bridge No 50526), 1.7 miles from confluence with Cedar River and at north-east corner of Austin.	--	1998, 2000	11-16-99 04-11-00	5.42 5.00
Cedar River above Treatment Plant at Austin (05455975)	Iowa River	Lat 43°39'37", Long 92°58'29", in SW1/4, SE1/4 sec. 3, T.102 N., R.18 W., Mower County, Hydrologic Unit 07080201, above Sewage Treatment Plant outflow, downstream of main street bridge, in Lafayette Park in Austin.	--	1995-96, 2000	11-16-99 04-11-00	46.2 49.1
Turtle Creek near Austin (05456500)	Cedar River	Lat 43°41'05", long 93°02'22", in NW1/4 sec. 31, T.103 N., R.18 W., Mower County, Hydrologic Unit 07080201, on 41st. Ave. northwest bridge, 5 miles from confluence with Cedar River, and about 3 miles northwest of Austin.	144	1946,1948, 1969,1971, 1984, 1987-88, 1993,1996, 1998, 2000	11-16-99 04-11-00	20.4 25.4
Rose Creek near Austin (05457160)	Cedar River	Lat 43°36'48", long 92°58'10", in NW1/4 NW1/4 sec.26, T.102 N., R.18 W., Mower County, Hydrologic Unit 07080201, at bridge on County Highway 29, 0.3 mile upstream from mouth, 3.8 miles south of Austin.	65.8	1969,1971, 1974,1976, 1980, 1984-85, 1987-89, 1996,2000	11-16-99	8.89
Little Cedar River near Johnsburg (0057778)	Cedar River	Lat 43°30'00", long 92°44'57", in SE1/4 SE1/4 sec.33, T.101 N., R.16 W., Mower County, Hydrologic Unit 07080201, at bridge on county road on Minnesota-Iowa border, 1.1 miles southeast of Johnsburg.	48	1985-current year+	11-17-99	5.54
Deer Creek near St. Ansgar, Iowa	Cedar River	Lat 42°23'36", long 92°57'52", in SW1/4 SE1/4 sec.15, T.99 N., R.18 W., Mitchell County, Hydrologic Unit 07080201, at bridge, 2.5 miles northwest of St. Ansgar.	--	2000	11-17-99	8.89
Shell Rock River near Glenville (05458966)	Cedar River	Lat 43°36'44", Long 93°17'32", in NE1/4 NE1/4 sec. 25, T.102 N, R 21 W, Freeborn County, Hydrologic Unit 07080202, at Albert Lea Lake outlet at County Highway 19, 2.8 miles north of Glenville.	--	1946, 1995, 2000	11-18-99 04-10-00	4.25 8.88
Shell Rock River at Gordonsville (05458970)	Cedar River	Lat 43°30'51", long 93°16'06", in SW1/4 SW1/4 sec.29, T.101 N., R.20 W., Freeborn County, Hydrologic Unit 07080202, at bridge on County Highway 1, 0.8 mile west of Gordonsville.	191	1971, 1974, 1976, 1980, 1984-85, 1987-88, 2000	11-17-99	26.1

DISCHARGE AT LOW-FLOW SITES--Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis-charge (ft ³ /s)
Iowa River Basin--Continued						
Steward Creek near Conger (05459020)	Lime Creek	Lat 43°34'58", long 93°32'54", in NE1/4 NE1/4 sec.2, T.101 N., R.23 W., Freeborn County, Hydrologic Unit 07080203, on township road, 1.5 miles upstream of Bear Lake, 2 miles southwest of Conger, 4 miles north of Emmons.	--	1987, 2000	11-18-99	0.70
Lime Creek Tributary on U.S. Hwy. 69 at Emmons	Lime Creek	Lat 43°29'58", long 93°29'35", in NW1/4 NE1/4 sec 12, T.100 N., R.22 W., Worth County, Iowa, Hydrologic Unit 07080202, at culvert on U.S. Highway 69, southwest side of Emmons, MN, above Sewage Treatment-Plant outfall.	--	2000	11-17-99	0.12
Lime Creek near Emmons (05459040)	Iowa River	Lat 43°30'00", long 93°33'29", in SW1/4 SE1/4 sec.35, T.101 N., R.23 W., Freeborn County, Hydrologic Unit 07080203, at bridge of County Highway 60, 3.5 miles west of Emmons.	58.4	2000	11-17-99	7.88
Rock Creek Basin						
Pipestone River at Pipestone	Big Sioux River	Lat 44°00'12", long 96°18'12", in NE1/4 sec. 7, T.106 N., R.45 W., Pipestone County, Hydrologic Unit 10170203, on State Highway 23 (bridge 59002), at northeast corner of Pipestone.	--	1998, 2000	09-06-00	0.69
Rock River near Hardwick (06482945)	Big Sioux River	Lat 43°43'04", Long 96°09'51", in SE1/4 SW1/4 sec.18, T.103 N., R.44 W., Rock County, Hydrologic Unit 10170204, at bridge on County Highway 8, 4.3 miles southeast of Hardwick.	312	1969-70, 1972-76, 1988, 1996, 2000	09-06-00	12.7
Rock River at Luverne	Big Sioux	Lat 43°39'15", long 96°12'03", in SW1/4 NE1/4 sec. 11, T. 102 N., R. 45 W., Rock County, Hydrologic Unit 10170204, on County Road 4 (bridge 5050) (Main St. bridge), at east edge of Luverne.	425	1911-14*, 1971-current year [†]	09-06-00	18.9

Previously operated as a continuous-record gaging station.

* Previously operated as a high-flow partial-record station.

^a High-flow measurements^b Approximately^c Estimated