

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	Dis-charge (ft ³ /s)
Minnesota River Basin						
St. James Creek on 7th Ave. S. in St. James [05318718]	Minnesota 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	09-21-99	0.30
Watonwan River in Madelia [05318820]	Minnesota River	Lat 44°02'36", long 94°24'38", in NE1/4 SE1/4 sec. 27, T.107 N., R.30 W., Watonwan County, Hydrologic Unit 07020010, at bridge on city road in Madelia		1999	09-21-99	16
Des Moines River Basin						
Beaver Creek near Currie [05474770]	Des Moines River	Lat 44°03'30", Long 95°43'08", in NW1/4 SW1/4 sec. 24, T.107 N., R.41 W., Murray County, Hydrologic Unit 07100001, at bridge on county road, 2.8 miles southwest of Currie.	177	1969-70, 1972-76, 1983, 1985, 1987, 1999	09-22-99	1.8
Lime Creek near Avoca [05474800]	Des Moines River	Lat 43°56'58", long 95°31'17", in NW1/4 NW1/4 sec. 34, T.106 N., R.39 W., Murray County, Hydrologic Unit 07100001, at bridge on County Highway 6, 0.6 mile upstream from mouth, 6.2 miles east of Avoca.	95	1969-70, 1972-74, 1983, 1985, 1987, 1999	09-22-99	0
Okabena Creek at Okabena [05474920]	South Heron Lake	Lat 43°44'38", long 95°18'54", in NE1/4 NE1/4 sec. 7, T.103 N., R.37 W., Jackson County, Hydrologic Unit 07100001, at bridge on County Highway 9, 0.3 mile north of Okabena, 1 mile downstream of gage run by DNR.	141	1969-70, 1973-76, 1983, 1985, 1987-88, 1999	09-22-99	3.07
Jack Creek near Heron Lake [05474980]	Heron Lake	Lat 43°10", long 95°18'54", in SE1/4 NE1/4 sec. 31, T.104 N., R.37 W., Jackson County, Hydrologic Unit 07100001, at bridge on County Highway 9, 1.8 miles south of Heron Lake.	218	1969-70, 1973-74, 1983, 1985, 1987-88	09-22-99	0
Four Mile Creek near Dunnell [05476900]	East Fork Des Moines River	Lat. 43°34' 57", Long 94°46'26", in SW 1/4 NW1/4 sec. 2, T. 101 N, R. 33 W., Martin County, at left bank on downstream side of bridge on State Highway 4, 0.6 mile upstream from mouth and 1.6 miles north of Dunnell.	15.4	+ 1959 to current year	09-22-99	0
East Fork Des Moines River near Ceylon [05476989]	Des Moines River	Lat 43°33'53", long 94°39'15", in NW ¹ / ₄ SW 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.	128	1971-76, 1983, 1985, + 1986 to current year	09-23-99	0.28

Stream	Tributary to	Location	Drainage area (mi ²)	Period of record	Measurements	
					Date	Dis- charge (ft ³ /s)
		Missouri River Basin				
Little Sioux River near Spaf- ford [06603530]	Missouri River	Lat. 43°36'08", Long 95°15'27", in NE 1/4 NE1/4 sec. 34, T. 102 N., R. 37 W., Jackson County, at left bank on downstream side of bridge on county road, 1.6 miles below Jack- son County ditch Number 11, and 5.8 miles east of Spafford.	40.5	+ 1961 to current year	09-22-99	0
West Fork Lit- tle Sioux River near Sioux Val- ley [06603690]	Little Sioux River	Lat 43°30'02", Long 95°16'46", in SE1/4SE1/4 sec.33, T.101 N., R.37 W., Jackson County, Hydrologic Unit at bridge on County Highway 62, 3.3 miles southeast of Sioux Valley.		1971-75, 1983, 1985, 1988, 1999	09-22-99	0

Previously operated as a continuous-record gaging station.

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