

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected.

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge and gage height for each water year are given. Information on some lower floods may have been obtained but is not published herein. The years given in the period of record represent water years for which the annual maximum has been determined. Stations that are noted with "METWARN" are part of a flood-warning system for Rapid City and surrounding area and are equipped with real-time satellite data-collection platforms. METWARN stations are operated from April 1 to September 30.

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
RED RIVER OF THE NORTH BASIN										
05051650	La Belle Creek near Veblen, SD	Lat 45°53'33", long 97°21'40", in SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ sec.1, T.128 N., R.54 W., Marshall County, Hydrologic Unit 09020105, on downstream left wingwall on county bridge, 3.0 mi west of Veblen on State Highway 25, 2.0 mi north, and 0.5 mi west. Elevation of gage is 1,330 ft above NGVD of 1929, from topographic map.	8.74	1988-99‡, 2001-04	5-30-04	6.92	280	4- 1-97 5-18-96	12.57 7.34	(^a) 664
05289985	Big Coulee Creek near Peever, SD	Lat 45°29'14", long 96°57'26", in SW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.29, T.124 N., R.50 W., Roberts County, Hydrologic Unit 07020001, on right downstream side of county highway bridge, 1.5 mi downstream of I-29, 7.0 mi northeast of Wilmot, and 3.9 mi south of Peever. Elevation of gage is 1,240 ft above NGVD of 1929, from topographic map.	12.1	1987-2003‡, 2004	3-11-04 5-30-04	5.40 ^b 4.96	(^a) 18	6-21-91 3-27-97	8.21 9.43	322 (^b)
05292704	North Fork Yellow Bank River near Odessa, MN	Lat 45°11'21", long 96°24'54", in NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.22, T.120 N., R.46 W., Lac qui Parle County, Hydrologic Unit 07020001, on left bank at upstream side of County Highway 7 bridge, 11.0 mi east-southeast of Milbank, SD, 6.4 mi southwest of Odessa, and 2.9 mi upstream from mouth. Elevation of gage is 1,020 ft above NGVD of 1929, from topographic map.	208	1991-2003‡, 2004	3- 8-04 3-28-04	4.33 3.75	(^c) 40	3-29-97 4- 8-01	18.02 ^a 16.72	(^a) 6,840

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
GRAND-MOREAU RIVER BASIN										
06357620	Willow Creek near Keldron, SD	Lat 45°50'00", long 101°52'02", in SE ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.27, T.22 N., R.18 E., Corson County, Hydrologic Unit 10130303, on left downstream bank at bridge, 0.1 mi west of Corson County Road 33, 0.8 mi upstream of West Branch Willow Creek confluence, and 8.0 mi south-southwest of Keldron. Elevation of gage is 2,355 ft above NGVD of 1929, from topographic map.	30.0	1999-2004	3-10-04	6.35	68	7- 7-98	^d 13.5	(^e)
MISSOURI-OAHE RIVER BASIN										
06361045	Unnamed tributary Swift Bird Bay, Lake Oahe, near LaPlant, SD	Lat 45°08'38", long 100°23'35", in SW ¹ / ₄ NW ¹ / ₄ SE ¹ / ₄ sec.25, T.14 N., R.30 E., Dewey County, Hydrologic Unit 10130105, on left bank at downstream side of county road, 12.6 mi southeast of LaPlant, 25.6 mi southeast of Whitehorse, and 42.4 mi northeast of Eagle Butte. Elevation of gage is 1,660 ft above NGVD of 1929, from topographic map.	8.99	1999-2004	6-10-04	8.31	^f 220	5- 5-99	9.09	405
CHEYENNE RIVER BASIN										
06394300	Redbird Canyon near Newcastle, WY	Lat 43°46'34", long 104°01'37", in SE ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec.20, T.3 N., R.1 E., Custer County, Hydrologic Unit 10120107, 4.1 mi south of Fanny Peak, 9.6 mi east of Newcastle, and 21.0 mi west of Custer. Elevation of gage is 3,580 ft above NGVD of 1929, from topographic map.	62.1	1999-2004			(^g)	7- 7-01	30.20	1,140
06394450	Pass Creek near Dewey, SD	Lat 43°33'05", long 103°56'15", in NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.12, T.6 S., R.1 E., Custer County, Hydrologic Unit 10120107, in centerline of Pass Creek 7.0 mi east of Dewey on county road 769 and 140 ft south of road. Elevation of gage is 3,870 ft above NGVD of 1929, from topographic map.	35.9	1999-2004	3-14-04	14.27	254	(^h)	ⁱ 18.05	1,430

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06402470	Beaver Creek above Buffalo Gap, SD	Lat 43°31'20", long 103°21'23", in SW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.13, T.6 S., R.6 E., Custer County, Hydrologic Unit 10120109, on right side of flume approximately 1.0 mi downstream from commercial fish hatchery and approximately 4.0 mi northeast of Buffalo Gap. Elevation of gage is 3,772 ft above NGVD of 1929, from topographic map.	111	1991-97 [‡] , 1999-2004	4- 8-04	11.10	10	6-19-99	13.50	120
06402940	Ruby Creek near Custer, SD	Lat 43°45'59", long 103°39'20", in NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.28, T.3 S., R.4 E., Custer County, Hydrologic Unit 10120109, on left downstream wingwall of bridge on Custer County Road 286 (Upper French Creek Road), 3.3 mi west of Custer, and 0.1 mi upstream of confluence with French Creek. Elevation of gage is 5,450 ft above NGVD of 1929.	5.57	2004	3-29-04	6.28	0.21	3-29-04	6.28	0.21
06402950	French Creek below Ruby Creek, near Custer, SD	Lat 43°45'37", long 103°38'52", in SW ¹ / ₄ NE ¹ / ₄ sec.28, T.3 S., R.4 E., Custer County, Hydrologic Unit 10120109, at right downstream wingwall of bridge on Custer County Road 286, 0.8 mi downstream of confluence with Ruby Creek, and 3.1 mi west of Custer. Elevation of gage is 5,430 ft above NGVD of 1929.	31.8	2004	3-12-04 7- 5-04	17.98 17.88	^(a) 2.8	3-12-04 7- 5-04	17.98 17.88	^(a) 2.8
06402970	Laughing Water Creek at Custer, SD	Lat 43°46'06", long 103°35'33", in SE ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.24, T.3 S., R.4 E., Custer County, Hydrologic Unit 10120109, on downstream side of Highway 16A bridge in Custer, and 0.1 mi upstream of confluence with French Creek. Elevation of gage is 5,310 ft above NGVD of 1929.	9.61	2004	3-29-04	8.01	0.10	3-29-04	8.01	0.10

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06402995	French Creek above Stockade Lake, near Custer, SD	Lat 43°46'10", long 103°32'10", in SE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.21, T.3 S., R.5 E., Custer County, Hydrologic Unit 10120109, on right bank 0.3 mi above Stockade Lake, 0.4 mi below mouth of Willow Creek, and 2.5 mi east of Custer on Highway 16A. Elevation of gage is 5,190 ft above NGVD of 1929, from topographic map.	68.7	1991-97‡, 1998-2004	3-26-04	^a 4.18	78	8- 7-99	8.87	1,070
06403810	Battle Creek above Keystone, SD	Lat 43°54'17", long 103°27'48", in SE ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec.1, T.2 S., R.5 E., Pennington County, Hydrologic Unit 10120109, on right bank 15 ft downstream from concrete culvert along Pennington County Highway 323 about 3.0 mi west of Keystone. Elevation of gage is 4,600 ft above NGVD of 1929, from topographic map. METWARN station.	6.8	1998-2004	5-22-04	4.94	4.4	6-18-99	8.48	^k 1,140
06403850	Grizzly Bear Creek near Keystone, SD	Lat 43°52'41", long 103°26'14", in NW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.17, T.2 S., R.6 E., Pennington County, Hydrologic Unit 10120109, on downstream right wingwall of Highway 16A bridge, and 1.2 mi southwest of Keystone. Elevation of gage is 4,510 ft above NGVD of 1929, from topographic map. METWARN station.	4.52	1998-2004	5-23-04	2.89	4.7	7-11-01	5.60	713
06404800	Grace Coolidge Creek near Hayward, SD	Lat 43°48'07", long 103°26'03", in NE ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.8, T.3 S., R.6 E., Custer County, Hydrologic Unit 10120109, in Custer State Park, at right downstream side of bridge, near intersection of State Highway 87 and CSP 753, approximately 1.0 mi upstream from Center Lake, and 7.0 mi southwest of Hayward. Elevation of gage is 4,780 ft above NGVD of 1929, from topographic map.	7.48	1989-98‡, 1999-2004	3-26-04	^j 4.16	1.0	5- 8-95	7.57	337

Annual maximum discharge at crest-stage partial-record stations

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					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06405800	Bear Gulch near Hayward, SD	Lat 43°47'31", long 103°20'49", in NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄ sec.13, T.3 S., R.6 E., Custer County, Hydrologic Unit 10120109, in Custer State Park, on right bank 3.5 mi upstream from mouth, 2.1 mi north from intersection of Alt. 16 and Highway 36, and 5.5 mi south of Hayward. Elevation of gage is 4,110 ft above NGVD of 1929, from topographic map.	4.23	1989-98 [‡] , 1999-2004	--	--	(^g)	9- 7-89	ⁱ 10.68	^k 1,250
06406700	Spring Creek at Oreville, near Hill City, SD	Lat 43°51'58", long 103°37'24", in SE ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec.22, T.2 S., R.4 E., Pennington County, Hydrologic Unit 10120109, on left bank 75 ft downstream from Tenderfoot Creek, near U.S. Highway 16/ Alt 85, and about 5.5 mi southwest of Hill City. Elevation of gage is 5,355 ft above NGVD of 1929, from topographic map. METWARN station.	42.3	1998-2004	7- 4-04	4.53	25	6-18-98	8.23	430
06406740	Sunday Gulch below Johnson Canyon, near Hill City, SD	Lat 43°52'10", long 103°34'55", in SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.13, T.2 S., R.4 E., Pennington County, Hydrologic Unit 10120109, on left bank along State Highway 87/89 about 0.5 mi downstream from Johnson Canyon and 4.0 mi south of Hill City. Elevation of gage is 5,410 ft above NGVD of 1929, from topographic map. METWARN station.	4.85	1998-2004	5-21-04	^j 3.85	^j .76	6-18-98	5.89	91
06406760	Reno Gulch near Hill City, SD	Lat 43°54'35", long 103°36'43", in SW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.2, T.2 S., R.4 E., Pennington County, Hydrologic Unit 10120109, on right bank 0.8 mi upstream from Spring Creek, and about 2.0 mi southwest of Hill City. Elevation of gage is 5,350 ft above NGVD of 1929, from topographic map. METWARN station.	3.96	1998-2004	3-25-04	^j 3.53	^l 1.6	6-18-98	5.84	99

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					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06411900	Rapid Creek above Johnson Siding, below Pactola Dam, SD	Lat 44°04'55", long 103°26'35" (revised), in NE ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.6, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, on left downstream wingwall about 2.0 mi east of Pactola Dam. Elevation of gage is 4,305 ft above NGVD of 1929, from topographic map. METWARN station.	332	1998-2004	8-22-04	3.70	105	6-24-98	4.62	638
06412000	Rapid Creek at Big Bend, near Rapid City, SD	Lat 44°03'18", long 103°25'00", in NW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.8, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, on right upstream wingwall of bridge about 3.0 mi from Pactola Dam, and 9.0 mi west of Rapid City. Elevation of gage is 4,110 ft above NGVD of 1929, from topographic map. METWARN station.	338	1998-2004	^h ₃ - -04 7- 1-04	5.20 4.44	^(a) 102	6-17-99	6.50	555
06412200	Rapid Creek above Victoria Creek, near Rapid City, SD	Lat 44°02'48", long 103°21'06", in SW ¹ / ₄ NW ¹ / ₄ sec.13, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, on left bank 0.5 mi above Victoria Creek, and 3.0 mi west of Canyon Lake. Elevation of gage is 3,570 ft above NGVD of 1929, from topographic map. METWARN station.	355	1989-97 [‡] , 1998-2004	7- 1-04	5.94	128	6- 2-97	8.38	1,180
06412220	Victoria Creek above Victoria Dam, near Rapid City, SD	Lat 44°01'47", long 103°26'06", in NE ¹ / ₄ SE ¹ / ₄ sec.19, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, on left bank about 3.5 mi upstream of Victoria Dam and 7.0 mi southwest of Rapid City. Elevation of gage is 4,630 ft above NGVD of 1929, from topographic map. METWARN station.	2.25	1998-2004	11-13-03	^a 3.83	.35	6-15-99	4.45	14

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06412250	Victoria Creek below Victoria Dam, near Rapid City, SD	Lat 44°01'05", long 103°23'07", in SW ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec.27, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, along right bank upstream of culverts 1,000 ft downstream from Victoria Dam, and about 3.5 mi southwest of Rapid City on National Forest Service Road 159. Elevation of gage is 4,160 ft above NGVD of 1929, from topographic map. METWARN station.	4.56	1998-2004	5-23-04	3.77	1.3	6-15-99	6.20	73
06412580	Wild Irishman Gulch near Rapid City, SD	Lat 44°04'52", long 103°21'54", in NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.2, T.1 N., R.6 E., Pennington County, Hydrologic Unit 10120110, on left bank about 3.0 mi west of Rapid City on Pennington County Highway 246 (Schroeder Road). Elevation of gage is 4,055 ft above NGVD of 1929, from topographic map. METWARN station.	3.22	1998-2004	2004	--	(^g)	1998-2004	--	(^g)
06413620	South Canyon near Rapid City, SD	Lat 44°05'34", long 103°19'37", in NE ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.31, T.2 N., R.7 E., Pennington County, Hydrologic Unit 10120110, along left bank downstream of concrete culvert at the intersection of CR 234 (Nemo Road) and Echo Drive in the northwest side of Rapid City. Elevation of gage is 3,710 ft above NGVD of 1929, from topographic map. METWARN station.	2.90	1998-2004	2004	--	(^g)	7-15-01	4.64	18
06416000	Rapid Creek below Hawthorn Ditch, at Rapid City	Lat 44°04'03", long 103°10'50", in NW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄ sec.8, T.1 N., R.8 E., Pennington County, Hydrologic Unit 10120110, 1.5 mi downstream from diversion to Hawthorn Ditch and 1.0 mi upstream from diversion to Murphy Ditch. Datum of gage is 3,124.18 ft above NGVD of 1929. METWARN station.	418	1947-54, 1982 ⁺ , 2000-04	7- 3-04	14.63	805	5-23-52	^m 9.19	2,130

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
CHEYENNE RIVER BASIN--Continued										
06421800	Lindsey Draw near Farmingdale, SD	Lat 43°54'27", long 102°51'31", in NE ¹ / ₄ SE ¹ / ₄ NE ¹ / ₄ sec.1, T.2 S., R.10 E., Pennington County, Hydrologic Unit 10120110, on left downstream side of county road C459, 2.0 mi southwest of the confluence of Lindsey Draw and Rapid Creek, and 4.2 mi south-southeast of Farmingdale. Elevation of gage is 2,755 ft above NGVD of 1929, from topographic map.	12.8	1998-2004	7- 4-04	2.46	^e	6-17-98	7.90	^e
BELLE FOURCHE RIVER BASIN										
06430898	Cleopatra Creek near Spearfish, SD (formerly published as Squaw Creek near Spearfish, SD)	Lat 44°24'04", long 103°53'35", in NE ¹ / ₄ NE ¹ / ₄ sec.17, T.5 N., R.2 E., Lawrence County, Hydrologic Unit 10120203, on right bank 200 ft upstream from mouth and 8.0 mi south of Spearfish. Elevation of gage is 4,480 ft above NGVD of 1929, from topographic map.	6.95	1989-98 [‡] , 1999-2004	6- 7-04	4.24	0.60	5- 8-95	9.47	860
06432020	Spearfish Creek below Spearfish, SD	Lat 44°34'48", long 103°53'37", in SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec.8, T.7 N., R.2 E., Lawrence County, Hydrologic Unit 10120203, on right bank 2.3 mi above mouth and 5.0 mi north of Spearfish. Elevation of gage is 3,280 ft above NGVD of 1929 from topographic map.	204	1989-98 [‡] , 1999-2004	7- 5-04	--	^f 100	5- 9-95	7.37	1,590
06432172	False Bottom Creek near Central City, SD	Lat 44°23'28", long 103°47'58", in NW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ sec.18, T.5 N., R.3 E., Lawrence County, Hydrologic Unit 10120203, at bridge, 0.5 mi upstream from Maitland, 0.8 mi upstream from Paradise Gulch, and 2.0 mi northwest of Central City. Elevation of gage is 4,950 ft above NGVD of 1929, from topographic map. Gage operated as a miscellaneous surface-water discharge and miscellaneous surface-water-quality site August 1988 to August 1999.	3.79	2001-04	^h 4- 1-04	10.83	5.1	1-28-02 4- 7-01	^j 11.30 10.98	^a ^f 11

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
BELLE FOURCHE RIVER BASIN--Continued										
06436156	Whitetail Creek at Lead, SD	Lat 44°20'36", long 103°45'57", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.4, T.4 N., R.3 E., Lawrence County, Hydrologic Unit 10120202, on right bank 0.5 mi upstream from confluence of White-wood Creek and 0.2 mi upstream from Kirk Power Plant. Elevation of gage is 5,080 ft above NGVD of 1929, from topographic map.	6.15	1989-98 [‡] , 1999-2004	2-23-04 7- 1-04	1.82 --	^(c) f ₃₃	5- 8-95	6.67	507
06437200	Bear Butte Creek near Galena, SD	Lat 44°23'48", long 103°34'36", in SE ¹ / ₄ SE ¹ / ₄ NW ¹ / ₄ sec.13, T.5 N., R.4 E., Lawrence County, Hydrologic Unit 10120202, on right downstream bridge wingwall along U.S. Highway Alt. 14 about 4.5 mi west of Sturgis. Elevation of gage is 3,770 ft above NGVD of 1929, from topographic map. METWARN station.	51.8	1998-2004	8- 3-04	3.84	8.5	6-18-98	5.72	541
06437500	Bear Butte Creek near Sturgis, SD	Lat 44°28'53", long 103°16'31", in NW ¹ / ₄ SE ¹ / ₄ sec.16, T.6 N., R.7 E., Meade County, Hydrologic Unit 10120202, on left bank 0.8 mi downstream from Spring Creek, 12.5 mi northeast of Sturgis, and 13.4 mi upstream from mouth. Datum of gage is 2,779.91 ft above NGVD of 1929.	192	1946-62, 1962-72 [‡] , 1990-2004	4- 5-04	3.18	0.20	6-16-62	ⁱ 12.45	12,700
06437650	Elm Creek near Fairpoint, SD	Lat 44°46'59", long 103°03'43", in SW ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec.31, T.10 N., R.9 E., Butte County, Hydrologic Unit 10120202, at bridge on old Highway 212 (Killdeer Road) and 19.5 mi east of Newell. Elevation of gage is 2,820 ft above NGVD of 1929, from topographic map.	8.8	1999-2004	7- 4-04	5.92	182	6- 6-99	7.10	680
CHEYENNE RIVER BASIN										
06438800	Elm Creek near Red Owl, SD	Lat 44°45'04", long 102°26'55", in NW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.8, T.9 N., R.14 E., Meade County, Hydrologic Unit 10120113, on Fox Ridge Road, 6.2 mi northeast of Red Owl and 1.2 mi southwest of the confluence of Elm Creek and Sulphur Creek. Elevation of gage is 2,455 ft above NGVD of 1929, from topographic map.	15.0	1999-2004	8- 5-04	4.64	71	7- 7-00	5.16	*92
*Period of record maximum discharge determined. Previously reported period of record maximum gage height, 3-9-01, 12.30 ft, not valid.										

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
MISSOURI-OAHE RIVER BASIN										
06439770	Unnamed tributary Stone Lake near Lebanon, SD	Lat 44°55'35", long 99°44'48", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.27, T.117 N., R.74 W., Potter County, Hydrologic Unit 10130106, on right bank at downstream side of county road, 5.6 mi upstream from Stone Lake, 10.3 mi south-southeast of Lebanon, 11.7 mi southeast of Gettysburg, and 22.2 mi northeast of Onida. Elevation of gage is 1,875 ft above NGVD of 1929, from topographic map.	12.4	1999-2004	2004	--	^g	9- 3-99	7.01	^e
06439960	Chantier Creek near Hayes, SD	Lat 44°31'20", long 100°42'13", in NE ¹ / ₄ NE ¹ / ₄ SW ¹ / ₄ sec.35, T.7 N., R.28 E., Stanley County, Hydrologic Unit 10130105, at culverts on State Highway 1806, 1.7 mi upstream from mouth, 18.0 mi northeast of Hayes, and 23.0 mi northwest of Pierre. Elevation of gage is 1,670 ft above NGVD of 1929, from topographic map.	21.5	1990-2004	6-11-04	5.23	^f 3,540	6- 7-93	ⁱ 14.81	ⁿ 8,000
MISSOURI-FORT RANDALL RIVER BASIN										
06440300	Unnamed tributary Cottonwood Creek near Quinn, SD	Lat 43°57'39", long 102°08'17", in NW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.18, T.1 S., R.17 E., Pennington County, Hydrologic Unit 10140102, on left downstream wingwall of bridge, located 0.5 mi west of Quinn on Highway 14, and 1.8 mi south on county road T152. Elevation of gage is 2,600 ft above NGVD of 1929, from topographic map.	9.56	1999-2004	9- 6-04	ⁱ 8.02	16	4-21-00	11.96	171
06440850	Medicine Creek near Phillip, SD	Lat 44°03'17", long 101°29'12", in NE ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.8, T.1 N., R.22 E., Haakon County, Hydrologic Unit 10140102, at bridge on county highway, 1.3 mi upstream from mouth, and 9.0 mi east of Philip. Prior to October 1998, datum 2.00 ft lower. Elevation of gage is 2,040 ft above NGVD of 1929, from topographic map.	56.5	1989-2004	6-11-04	11.38	462	6-11-04	11.38	462

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
MISSOURI-FORT RANDALL RIVER BASIN--Continued										
06441100	Plum Creek near Hayes, SD	Lat 44°20'41", long 101°07'40", in SW ¹ / ₄ SW ¹ / ₄ sec.32, T.5 N., R.25 E., Stanley County, Hydrologic Unit 10140102, at bridge on U.S. Highway 14 and State Highway 63, 7.0 mi southwest of Hayes. Elevation of gage is 2,034 ft above NGVD of 1929, from topographic map.	24.5	1989-2004	6-12-04	2.03	70	5- 9-95	6.74	936
06441110	Plum Creek below Hayes, SD	Lat 44°12'38", long 100°43'34", in NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.23, T.3 N., R.28 E., Stanley County, Hydrologic Unit 10140102, on left bank at downstream side of county bridge, 0.3 mi upstream from mouth, 3.0 mi southwest of Wendte, 18.5 mi southeast of Hayes, and 21.2 mi southwest of Ft. Pierre. Elevation of gage is 1,612 ft above NGVD of 1929, from topographic map.	252	1989-95 [‡] , 1998-2004	9-23-04	8.95	^f 270	5-30-91	ⁱ 23.74	^k 13,500
06442150	Cedar Creek near Kennebec, SD	Lat 44°08'27", long 99°56'37", in SW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.22, T.108 N., R.76 W., Lyman County, Hydrologic Unit 10140101, on left bank about 0.6 mi upstream from Highway 1806 bridge, 19.5 mi northwest of Kennebec, and 20 mi northwest of Lower Brule. Elevation of gage is 1,440 ft above NGVD of 1929, from topographic map.	140	2002-04	3-28-04	8.31	735	5- 8-03	9.27	*977
								*Period of record maximum discharge determined.		
06442500	Medicine Creek at Kennebec, SD	Lat 43°54'17", long 99°52'35", in NW ¹ / ₄ NE ¹ / ₄ sec.18, T.105 N., R.75 W., Lyman County, Hydrologic Unit 10140104, on downstream side of bridge, 0.5 mi west of Kennebec, and 0.5 mi downstream from small right-bank tributary. Datum of gage is 1,659.64 ft above NGVD of 1929.	464	1955-90 [‡] , 1991-97, 2001-04	6-11-04	6.45	426	6-4-97	19.28	16,600

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
MISSOURI-FORT RANDALL RIVER BASIN--Continued										
06442670	Counselor Creek near Lower Brule, SD	Lat 44°01'34", long 99°31'00", in SE ¹ / ₄ NE ¹ / ₄ SW ¹ / ₄ sec.31, T.107 N., R.72 W., Lyman County, Hydrologic Unit 10140101, on left bank 1,260 ft upstream from highway BIA 10 bridge, 4.4 mi southeast of Lower Brule, and 11.0 mi northeast of Reliance. Elevation of gage is 1,440 ft above NGVD of 1929, from topographic map.	32.8	2002-04	9- 7-04	8.39	^f 200	^h 6-24-03	10.40	(^e)
06442718	Campbell Creek near Lee's Corner, SD	Lat 44°04'39", long 99°22'51", in NW ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.17, T.107 N., R.71 W., Buffalo County, Hydrologic Unit 10140101, on left bank at downstream side of bridge on State Highway 34, 2.8 mi east of Fort Thompson, and 5.4 mi upstream from high water line of Lake Francis Case. Elevation of gage is 1,440.32 ft above NGVD of 1929, from topographic map.	54.1	1988-2003 [‡] , 2004	9- 5-04	8.10	867	5-10-99	15.03	3,280
WHITE RIVER BASIN										
06445980	White Clay Creek near Oglala, SD	Lat 43°08'46", long 102°40'58", in NW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.30, T.37 N., R.45 W., Shannon County, Hydrologic Unit 10140201, on left bank at downstream side of bridge on U.S. Highway 18, 4.3 mi southeast of Oglala, 5.5 mi upstream from Oglala Dam, and 11 mi northwest of Pine Ridge. Datum of gage is 3,001.54 ft above NGVD of 1929.	340	1966-81 [‡] , 1988-99 [‡] , 2000-04	3-10-04 9- 4-04	8.91 8.00	(^a) 45	3-11-66 6-16-67	15.02 14.74	(^a) 659
06446100	Wounded Knee Creek at Wounded Knee, SD	Lat 43°08'38", long 102°21'28", in NE ¹ / ₄ NW ¹ / ₄ sec.36, T.37 N., R.43 W., Shannon County, Hydrologic Unit 10140201, on left bank at upstream end of culvert on Tribal Road 27 in Wounded Knee, and above the confluence of Spring Creek. Elevation of gage is 3,200 ft above NGVD of 1929, from topographic map.	82.5	1993-97 [‡] , 1998-2004	9- 5-04	5.47	32	6- 3-97	ⁱ 9.13	321

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
WHITE RIVER BASIN--Continued										
06447050	Unnamed tributary Buzzard Creek near Long Valley, SD	Lat 43°27'42", long 101°25'59", in SW ¹ / ₄ SW ¹ / ₄ sec.2, T.40 N., R.35 W., Jackson County, Hydrologic Unit 10140202, on left bank, 22 ft northwest from downstream end of culvert on county road, 3.1 mi east of Long Valley, and 11.5 mi west of Norris. Elevation of gage is 2,575 ft above NGVD of 1929, from topographic map.	9.26	1999-2004	7- 4-04	3.98	3.2	4-19-00	4.88	*22
								*Peak discharge revised based on indirect measurement. Annual peak discharge for 2001 water year also revised.		
								4-24-01	4.43	*13
06451600	Unnamed tributary White Thunder Creek near Wood, SD	Lat 43°37'23", long 100°30'33", in NW ¹ / ₄ NW ¹ / ₄ sec.14, T.42 N., R.27 W., Mellette County, Hydrologic Unit 10140204, on right bank 300 ft downstream from road culvert on county road, 9.9 mi north of Wood, and 2.5 mi upstream from confluence with White Thunder Creek. Datum of gage is 1,958.75 ft above NGVD of 1929.	13.0	1998-2004	2004	--	(^g)	7-30-98	9.44	(^g)
06451650	Williams Creek near Vivian, SD	Lat 43°43'33", long 100°17'50", in SW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.16, T.103 N., R.79 W., Lyman County, Hydrologic Unit 10140204, on right bank at downstream side of Highway 53 bridge, approximately 2.0 mi upstream of confluence with White River, 13.2 mi south of Interstate 90 and Highway 53 intersection. Elevation of gage is 1,700 ft above NGVD of 1929, from topographic map.	48.8	1999-2004	6-11-04	4.30	18	9- 4-99	9.64	^k 1,980
MISSOURI-FORT RANDALL RIVER BASIN										
06452275	Snake Creek near Bijou Hills, SD	Lat 43°29'58", long 99°07'13", in NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.10, T.100 N., R.70 W., Charles Mix County, Hydrologic Unit 10140101, at downstream side of State Highway 50, 3.3 mi upstream from Academy Lake, 3.5 mi northwest of Academy, and 16.5 mi northwest of Platte. Elevation of gage is 1,690 ft above NGVD of 1929, from topographic map.	23.8	1999-2004	6-10-04	6.72	207	5- 5-99	8.31	830

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Discharge (ft ³ /s)	Date	Gage height (ft)	Discharge (ft ³ /s)
MISSOURI-FORT RANDALL RIVER BASIN--Continued										
06452290	East Fork Platte Creek near Aurora Center, SD	Lat 43°33'36", long 98°36'58", in SE ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec.9, T.101 N., R.65 W., Aurora County, Hydrologic Unit 10140101, on left bank at downstream end of culvert on county road, 1.2 mi west and 2.2 mi north of Aurora Center, and 0.6 mi upstream of Laffey Lake. Elevation of gage is 1,605 ft above NGVD of 1929, from topographic map.	20.8	1999-2004	6-10-04	6.33	526	3-21-01 6-10-04	6.45 6.33	^(a) 526
06453255	Choteau Creek near Avon, SD	Lat 42°55'24", long 98°06'21", in NW ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.31, T.94 N., R.61 W., Bon Homme County, Hydrologic Unit 10170101, on left bank at downstream side of highway bridge, 6.3 mi southwest of Avon, 0.7 mi downstream from Dry Choteau Creek, and 12.7 mi upstream from mouth. Elevation of gage is 1,290 ft above NGVD of 1929, from topographic map.	602	1983-2003 [‡] , 2004	^(b)	^(c)	^f 200	6-12-84	13.93	7,280
NIOBRARA RIVER BASIN										
06463900	Antelope Creek near Mission, SD	Lat 43°16'26", long 100°40'56", in SE ¹ / ₄ SW ¹ / ₄ sec.7, T.38 N., R.28 W., Todd County, Hydrologic Unit 10150006, at culvert on county road, 2.0 mi south of Mission on State Highway 83 and then 1.6 mi west. Elevation of gage is 2,595 ft above NGVD of 1929, from topographic map.	71.3	1990-2004 (revised)	3- 1-04	3.50	30	2-18-97 7- 3-98	7.40 6.96	^(a) 88
06464120	Sand Creek near Olsonville, SD	Lat 43°01'03", long 100°24'46", in SW ¹ / ₄ SW ¹ / ₄ SW ¹ / ₄ sec.8, T.35 N., R.26 W., Todd County, Hydrologic Unit 10150006, on left bank 40 ft downstream of county road culvert, approximately 23.5 mi upstream from confluence with Keya Paha River, 2.5 mi southeast of Littleburg, and 12.2 mi southeast of Olsonville. Elevation of gage is 2,575 ft above NGVD of 1929, from topographic map.	11.0	1999-2004	5-12-04	7.65	111	^h 4-25-01	8.16	^o 250

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
MISSOURI-LEWIS AND CLARK RIVER BASIN										
06466715	Snatch Creek near Tabor, SD	Lat 42°54'30", long 97°46'33", in SW ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.35, T.94 N., R.59 W., Bon Homme County, Hydrologic Unit 10170101, at upstream pier of highway bridge, 5.0 mi southwest of Tabor and 2.0 mi upstream from mouth. Elevation of gage is 1,330 ft above NGVD of 1929, from topographic map.	44	1993-2004	9-23-04	7.00	^f 300	5-30-95	10.58	1,660
JAMES RIVER BASIN										
06472050	Antelope Creek near Langford, SD	Lat 45°34'22", long 97°50'10", in NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.7, T.124 N., R.58 W., Day County, Hydrologic Unit 10160005, on right downstream wingwall of box culvert, 2.0 mi south of Langford or 5.0 mi north of Pierpont. Elevation of gage is 1,390 ft above NGVD of 1929, from topographic map.	25.4	1999-2004	3-18-04 3-28-04	5.06 4.27	^d ^e	6-25-03	7.62	^e
06473020	Howard tributary near Leola, SD	Lat 45°37'48", long 98°55'52", in SW ¹ / ₄ SW ¹ / ₄ NW ¹ / ₄ sec.21, T.125 N., R.67 W., McPherson County, Hydrologic Unit 10160008, on left bank 20 ft downstream from State Highway 45, 6.3 mi south of Leola, and 4.8 mi upstream of Compton Lake. Elevation of gage is 1,520 ft above NGVD of 1929, from topographic map.	45.2	1999-2004	9-23-04	--	0.50	5-10-99	3.57	290
06473300	Preachers Run tributary at Ipswich, SD	Lat 45°27'08", long 99°01'45", in SW ¹ / ₄ NW ¹ / ₄ SW ¹ / ₄ sec.22, T.123 N., R.68 W., Edmunds County, Hydrologic Unit 10160008, on right bank 15 ft downstream from double-corrugated culvert on county highway, 0.3 mi north of U.S. Highway 12 at Ipswich. Elevation of gage is 1,530 ft above NGVD of 1929, from topographic map.	7.88	1971-80, 1999-2004	6-10-04	--	1.0	3-24-78 4-7-01	^m 7.42 3.42	^d 95

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
JAMES RIVER BASIN--Continued										
06474000	Turtle Creek near Tulare, SD	Lat 44°44'06", long 98°35'09", in SE ¹ / ₄ SE ¹ / ₄ sec.25, T.115 N., R.65 W., Spink County, Hydrologic Unit 10160009, on right bank 200 ft upstream from highway bridge, 3.9 mi west of Tulare, and 8.9 mi downstream from Wolf Creek. Elevation of gage is 1,300 ft above NGVD of 1929, by barometer.	1,124	1954-56, 1966-81 [‡] , 1985-89 [‡] , 1990-2004	(^h)	4.03	5.0	3-26-97 3-28-97	19.32 18.80	(^a) 13,500
06475600	Turton tributary south near Turton, SD	Lat 45°03'07", long 97°59'38", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.12, T.118 N., R.60 W., Spink County, Hydro- logic Unit 10160006, on right downstream wing- wall of highway bridge, 10.0 mi north of south- west corner of Raymond, then 2.5 mi west. Elevation of gage is 1,400 ft above NGVD of 1929, from topo- graphic map.	19.7	1999-2004	7- 7-04	3.89	6.0	4- 7-01	5.59	(^c)
06475850	Foster Creek trib- utary near Carpenter, SD	Lat 44°37'56", long 98°03'42", in NW ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.5, T.113 N., R.60 W., Beadle County, Hydro- logic Unit 10160006, on left downstream concrete culvert apron, 7.7 mi east from junc- tion of State Highways 37 and 28. Elevation of gage is 1,325 ft above NGVD of 1929, from topographic map.	4.93	1971-80, 1999-2004	2-29-04	2.76	5.0	3-12-77 4- 7-01	^m 5.41 ^j 4.56	(^a) 210
06477150	Rock Creek near Fulton, SD	Lat 43°45'30", long 97°54'32", in NE ¹ / ₄ NE ¹ / ₄ sec.4, T.103 N., R.59 W., Hanson County, Hydrologic Unit 10160011, on right downstream wingwall of highway bridge, 4.8 mi northwest of Fulton, and 9.3 mi upstream from mouth. Elevation of gage is 1,240 ft above NGVD of 1929, from topographic map. Prior to August 1989 at site 0.16 mi upstream from present location and different datum. From August 1989 to August 1995 at site 0.16 mi upstream from present location and same datum.	240	1967-72 [‡] , 1973-79, 1989-2004	6-13-04	5.43	118	3-29-97	13.74	3,120

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
JAMES RIVER BASIN--Continued										
06478052	Enemy Creek near Mitchell, SD	Lat 43°38'33", long 97°59'09", in NW ¹ / ₄ NW ¹ / ₄ sec.13, T.102 N., R.60 W., Davison County, Hydrologic Unit 10160011, at right downstream wingwall of highway bridge, 7.3 mi upstream from mouth, and 4.5 mi southeast of Mitchell. Elevation of gage is 1,280 ft above NGVD of 1929, from topographic map.	163	1976-87‡, 1989-2004	6-13-04	8.25	408	6-22-84	15.15	4,280
06478390	Wolf Creek near Clayton, SD	Lat 43°22'18", long 97°36'12", in NW ¹ / ₄ NE ¹ / ₄ sec.29, T.99 N., R.57 W., Hutchinson County, Hydrologic Unit 10160011, at left downstream pier on highway bridge, 4.1 mi upstream from mouth, and 5.6 mi southeast of Clayton. Elevation of gage is 1,210 ft above NGVD of 1929, from topographic map.	396	1976-88‡, 1989-2004	6-13-04	^l	^f 400	6-21-84	18.01	6,520
06478513	James River near Yankton, SD	Lat 42°59'45", long 97°22'10", in NE ¹ / ₄ NW ¹ / ₄ sec.5, T.94 N., R.55 W., Yankton County, Hydrologic Unit 10160011, at highway bridge 3.9 mi upstream from Beaver Creek, 17.2 mi upstream from mouth, and 9.0 mi northeast of Yankton. Datum of gage is 1,153.38 ft above NGVD of 1929.	20,942 4,148 NC	1981-95‡, 1996-2004	6-17-04	8.01	2,100	6-23-84 4- 9-97	24.34 22.94	26,400 28,800
MISSOURI-LEWIS AND CLARK RIVER BASIN										
06479000	Vermillion River near Wakonda, SD	Lat 42°59'27", long 96°57'49", in SW ¹ / ₄ NW ¹ / ₄ sec.2, T.94 N., R.52 W., Clay County, Hydrologic Unit 10170102, at right downstream wingwall of State Highway 19, 4.3 mi downstream from Frog Creek, 7.4 mi southeast of Wakonda, and 29.6 mi upstream from mouth. Datum of gage is 1,150.9 ft above NGVD of 1929 (levels by Corps of Engineers).	2,170 494 NC	1946-83‡, 1984-2004	6- 1-04	--	^f 3,000	6-23-84	ⁱ 17.62	17,000

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
WAUBAY LAKES CHAIN CLOSED BASIN										
06479159	Blue Dog Lake inflow (Owens Creek) near Waubay, SD	Lat 45°20'48", long 97°15'07", in NE ¹ / ₄ NW ¹ / ₄ SE ¹ / ₄ sec.14, T.122 N., R.53 W., Day County, Hydrologic Unit 10160010, on left bank at downstream side of township bridge, 2.1 mi upstream from Blue Dog Lake, 1.3 mi west of Day-Roberts County line, and 2.8 mi northeast of Waubay. Elevation of gage is 1,820 ft above NGVD of 1929, from topographic map.	63.7	2000-03‡, 2004	5-30-04	3.92	56	4- 8-01	^a 5.42	410
BIG SIOUX RIVER BASIN										
06479452	Big Sioux River at Lake Kapeska, near Watertown, SD	Lat 44°56'56", long 97°09'38", in SW ¹ / ₄ SE ¹ / ₄ SW ¹ / ₄ sec.11, T.117 N., R.53 W., Codington County, Hydrologic Unit 10170202, about 6.6 mi northwest of Watertown and about 1.8 mi upstream from inlet/outlet to Lake Kapeska. Elevation of gage is 1,720 ft above NGVD of 1929, from topographic map. High flow site only to determine timing of Lake Kapeska peak.	(^e)	2002-04						Big Sioux River did not reach minimum recordable gage height.
06479490	Mud Creek near Rauville, SD	Lat 45°00'29", long 97°06'21", in NE ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.19, T.118 N., R.52 W., Codington County, Hydrologic Unit 10170202, at left downstream end of bridge, 7.6 mi upstream of Big Sioux River, and 2.2 mi north of Rauville. Prior to Oct. 1, 1999, at site 0.2 mi downstream at same datum. Datum of gage is 1,757.11 ft above NGVD of 1929.	28.9	1998-2004	2004	--	(^g)	4- 7-01	^a 10.38	850
06479498	South Branch tributary Mud Creek near Rauville, SD	Lat 44°57'12", long 97°06'23", in SE ¹ / ₄ NE ¹ / ₄ SE ¹ / ₄ sec.7, T.117 N., R.52 W., Codington County, Hydrologic Unit 10170202, on right bank 40 ft north of right edge of wingwall, 4.3 mi north from junction of U.S. Highways 81 and 212 or by driving south 1.9 mi on U.S. Highway 81 from the town of Rauville. Datum of gage is 1,735.43 ft above NGVD of 1929.	15.1	2000-04	3-11-04 5-31-04	2.82 1.73	(^a) 12	4- 7-01	^a 5.50	^f 180

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
BIG SIOUX RIVER BASIN--Continued										
06479512	Big Sioux River at Broadway, at Watertown, SD	Lat 44°53'22", long 97°07'07", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.6, T.116 N., R.52 W., Codington County, Hydrologic Unit 10170202, on right downstream bank at bridge on Broadway Street, 0.1 mi south of the intersection with U.S. Highway 212, 0.3 mi downstream from the confluence of Big Sioux River and Pelican Lake outflow (low flow), and 1.7 mi upstream from Willow Creek. Datum of gage is 1,701.41 ft above NGVD of 1929.	(e)	1997, 2000-04	5-29-04	6.93	128	4- 6-97 4-12-97	^j 13.67 ^a 13.53	(^a) ^j 2,760
06479640	Hidewood Creek near Estelline, SD	Lat 44°36'42", long 96°54'17", in SW ¹ / ₄ NW ¹ / ₄ sec.12, T.113 N., R.51 W., Hamlin County, Hydrologic Unit 10170202, at left upstream wingwall, 2.7 mi north of Estelline, 2.8 mi southeast of Dempster, and 4.7 mi upstream from mouth. Elevation of gage is 1,665 ft above NGVD of 1929, by barometer.	164	1969-85 [‡] , 1990-2004	9-24-04	4.97	289	6-16-92	ⁱ 13.10	^k 17,300
06479980	Medary Creek near Brookings, SD	Lat 44°13'27", long 96°46'02", in NE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.25, T.109 N., R.50 W., Brookings County, Hydrologic Unit 10170202, on right downstream wingwall of county bridge, 5.1 mi downstream from Deer Creek, 4.2 mi upstream from mouth, and 6.1 mi southeast of Brookings. Prior to October 1995, 400 ft downstream at same datum. Datum of gage is 1,570.20 ft above NGVD of 1929.	200	1981-90 [‡] , 1991-2004	5-30-04	4.81	150	7- 4-93 3-28-97	11.78 ^a 13.02	3,710 3,500
06480650	Flandreau Creek above Flandreau, SD	Lat 44°03'45", long 96°29'15", in SE ¹ / ₄ NE ¹ / ₄ NE ¹ / ₄ sec.20, T.107 N., R.47 W., Moody County, Hydrologic Unit 10170203, on right bank at county highway bridge 5.9 mi upstream from mouth, and 5.2 mi east of Flandreau. Elevation of gage is 1,555 ft above NGVD of 1929, from topographic map.	100	1982-91 [‡] , 1992-2004	5-30-04	8.43	840	6-20-84 3-28-97	11.02 ^a 11.40	2,650 1,800

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum			Period of Record Maximum		
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
BIG SIOUX RIVER BASIN--Continued										
06481400	Big Sioux River below diversion, at Sioux Falls, SD	Lat 43°34'23", long 96°45'50", in NE ¹ / ₄ NE ¹ / ₄ NW ¹ / ₄ sec.7, T.101 N., R.49 W., Minnehaha County, Hydrologic Unit 10170203, on right bank at downstream side of walkway bridge, about 3.4 mi upstream from confluence with Skunk Creek and in the city of Sioux Falls. Elevation of gage is 1,410 ft above NGVD of 1929, from topographic map.	(^c)	2002-04	5-30-04	5.58	(^c)	5-30-04	5.58	(^c)
06481493	Skunk Creek near Hartford, SD	Lat 43°38'09", long 96°54'00", in SW ¹ / ₄ NW ¹ / ₄ SE ¹ / ₄ sec.13, T.102 N., R.51 W., Minnehaha County, Hydrologic Unit 10170203, on left downstream end of bridge between 465 and 466 Ave., 2.3 mi northeast of Hartford, and about 3 mi downstream from confluence of West Branch Skunk Creek. Elevation of gage is 1,480 ft above NGVD of 1929, from topographic map.	514	2002-04	5-29-04	11.41	3,170	5-29-04	11.41	3,170
								*Annual maximum discharge for 2003 water year revised.		
								6-26-03	7.51	*674
06481497	Willow Creek near Crooks, SD	Lat 43°37'51", long 96°49'37", in NE ¹ / ₄ NW ¹ / ₄ NW ¹ / ₄ sec.22, T.102 N., R.50 W., Minnehaha County, Hydrologic Unit 10170203, on left downstream end of bridge 2.2 mi southwest from Crooks or 0.2 mi east from the intersection of 259 St. and 469 Ave. Elevation of gage is 1,480 ft above NGVD of 1929, from topographic map.	30.0	2002-04	5-30-04	12.37	1,180	5-30-04	12.37	1,180
								*Annual maximum discharge for 2002 water year determined.		
								3-29-02	^a 8.46	*100
06482010	Silver Creek near Sioux Falls, SD	Lat 43°36'08", long 96°43'53", in SE ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄ sec.29, T.102 N., R.49 W., Minnehaha County, Hydrologic Unit 10170203, on left bank at downstream side of highway bridge, about 0.3 mi upstream from confluence with Big Sioux River, and in the city of Sioux Falls. Elevation of gage is 1,420 ft above NGVD of 1929, from topographic map. Only peak stage determined due to back-water conditions from Big Sioux River.	(^c)	2002-04	5-31-04	2.40	(^p)	5-13-02	2.27	(^p)

Annual maximum discharge at crest-stage partial-record stations

Station no.	Station name	Location	Drainage area (mi ²)	Period of record	Water year 2004 maximum		Period of Record Maximum			
					Date	Gage height (ft)	Dis-charge (ft ³ /s)	Date	Gage height (ft)	Dis-charge (ft ³ /s)
BIG SIOUX RIVER BASIN--Continued										
06482848	Beaver Creek at Canton, SD	Lat 43°17'12", long 96°35'46" in SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄ sec.23, T.98 N., R.49 W., Lincoln County, Hydrologic Unit 10170203, on left bank about 1,000 ft downstream from county highway bridge, 1.0 mi southwest of Canton, and 2.2 mi upstream from mouth. Elevation of gage is 1,225 ft above NGVD of 1929, from topographic map.	124	1983-89 [‡] , 1990-2004	5-31-04	^b 7.08	820	6- 7-93 6-20-83	ⁱ 12.93 14.61	^f 3,680 ^b

[‡] Operated as a continuous-record gaging station.

a Backwater from ice.

b Backwater from debris, beaver dam, and/or tributary inflow.

c Backwater from ice, observed.

d From local observer.

e To be determined.

f Estimated.

g No evidence of flow for year or designated period.

h Month or date of occurrence is unknown or not exact.

i From floodmark.

j Observed and/or measured.

k Discharge determined by indirect measurement of peak flow.

l Discharge and/or gage height less than indicated value, which is minimum recordable at this site.

m At different datum and/or site.

n Discharge determined by slope-area indirect measurement; peak resulted from stock dam failure.

o From significant rating curve extension.

p Peak gage height determined only.