

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 flood-flow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

## Discharge measurements made at miscellaneous sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis-charge (ft <sup>3</sup> /s)
<b>Spokane River Basin</b>						
South Fork Coeur d'Alene River at Smelterville 12413300	Coeur d'Alene River	Lat 47°32'54", long 116°10'28", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.35, T.49 N., R.2 E., Shoshone County, Kellogg West Quad., Hydrologic Unit 17010302, at county road bridge, 0.2 mi downstream from Government Gulch, 0.3 mi north of Smelterville, and at mile 5.1.	--	2003	10- 8-2003 12- 6-2003 1-21-2004 3-31-2004 5- 4-2004 6-10-2004 7-27-2004 9- 7-2004 10-13-2004	63.7 262 103 640 941 567 123 101 88.8
St Joe River near Chatcolet 12415140	Coeur d'Alene River	Lat 47°21'41", long 116°41'26", in NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.8, T.44 N., R.1 W., Shoshone County, Wallace Quad., Hydrologic Unit 17010302, 450 ft upstream from bridge on State Highway 3, 0.3 mi upstream from Santa Creek, 2.7 mi northwest of Santa, and at mile 24.6.	--	1991-93+	10- 8-2003 12- 8-2003	418 1,480
Spokane River at Lake Outlet at Coeur d'Alene 12417598	Columbia River	Lat 47°40'34", long 116°48'05", in NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.14, T.50 N., R.4 W., Kootenai County, Coeur d'Alene Quad., Hydrologic Unit 17010303, at Coeur d'Alene Lake outlet at Coeur d'Alene, and at mile 111.1.	--	1980-81, 2003	6- 8-2004	8,760
<b>Salmon River Basin</b>						
Pole Creek near mouth near Obsidian 13292385	Salmon River	Lat 43°55'27", long 114°47'39", in SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.22, T.7 N., R.14 E., Blaine County, Alturas Lake quad., Hydrologic Unit 17060201, just above the last diversion on Pole Creek, approximately 25 mi south of Stanley.	--	--	5-26-2004 6-23-2004 7-14-2004 8-16-2004 10- 5-2004	15.7 11.6 6.55 5.65 6.61
Beaver Creek near Stanley 13292400	Salmon River	Lat 43°55'10", long 114°48'52" (revised), in NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.21, T.7 N., R.14 E., Blaine County, Hydrologic Unit 17060201, at U.S. Highway 75 crossing, about 0.2 mi north of Beaver Creek Store, and 23.5 mi southeast of Stanley.	15.0	1962-71b, 1972-73, 1975-78, 2001,2003	5-26-2004 6-23-2004 7-14-2004 8-17-2004 10- 5-2004	16.6 31.1 5.63 1.15 1.16
Salmon River above Alturas Lake Creek near Obsidian 13292600	Snake River	Lat 44°00'03", long 114°49'59", in SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.21, T.8 N., R.14 E., Custer County, Obsidian quad., Hydrologic Unit 17060201, at U.S. Highway 93 bridge, about 0.2 mi upstream from Alturas Lake Creek, and 5.4 mi south of Obsidian.	--	1946, 1987-89, 2003	4-21-2004 5-26-2004 6-23-2004 7-14-2004 8-17-2004 10- 5-2004	54.0 87.0 114 36.4 26.0 22.7
Champion Creek near Obsidian 13293200	Salmon River	Lat 44°01'18", long 114°50'02" (revised), in NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.16, T.8 N., R.13 E., Custer County, Obsidian quad., Hydrologic Unit 17060201, at U.S. Highway 75 bridge crossing, 0.4 mi upstream from the mouth, and 4.0 mi south of Obsidian.	a17.5	1971-72	5-26-2004 6-23-2004 7-14-2004 8-17-2004 10- 5-2004	5.98 3.66 2.53 7.08 8.15
Fourth of July Creek at mouth near Obsidian 13293400	Salmon River	Lat 44°01'49", long 114°50'00", in SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.9, T.8 N., R.14 E., Custer County, Obsidian quad., Hydrologic Unit 17060201, at U.S. Highway 93 bridge, 0.2 mi upstream from mouth, and 3.4 mi south of Obsidian.	18.5	1971-73, 2003	5-26-2004 6-23-2004 7-14-2004 8-17-2004 10- 5-2004	8.89 13.8 3.48 2.35 5.10

## Discharge measurements made at miscellaneous sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>Salmon River Basin--Continued</b>						
Elk Creek at mouth near Stanley 13294650	Salmon River	Lat 44°17'34", long 115°01'29", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.11, T.11 N., R.12 E., Custer County, Elk Meadow quad., Hydrologic Unit 17060201, 200 ft upstream from mouth, and 7 mi northwest of Stanley.	--	2003	10- 6-2003	12.0
Iron Creek at Hwy 21 crossing near Stanley 13294885	Valley Creek	Lat 44°13'12", long 114°57'46", in NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.5, T.10 N., R.13 E., Custer County, Stanley quad., Hydrologic Unit 17060201, at Highway 21 crossing 0.8 mi upstream from mouth, and 1.2 mi west of Stanley.	--	--	4-19-2004	9.69
					5-27-2004	29.7
					6-22-2004	29.1
					7-12-2004	13.4
					8-18-2004	2.24
10- 4-2004	2.90					
Thompson Creek at mouth near Clayton 13297332	Salmon River	Lat 44°15'01", long 114°31'02", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.25, T.11 N., R.16 E., Custer County, Thompson Creek quad., Hydrologic Unit 17060201, at mouth, about 7.0 mi west of Clayton.	--	--	4-20-2004	14.4
					5-25-2004	26.2
					6-22-2004	14.2
					7-13-2004	7.35
					8-18-2004	7.31
10- 5-2004	3.47					
Squaw Creek at mouth near Clayton 13297365	Salmon River	Lat 44°14'57", long 114°27'20", in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.28, T.11 N., R.17 E., Custer County, Stanley quad., Hydrologic Unit 17060201, at mouth, about 3.0 mi west of Clayton.	--	--	4-20-2004	25.3
					5-25-2004	39.8
					6-22-2004	21.0
					7-13-2004	7.05
					8-18-2004	7.31
10- 5-2004	6.76					
<b>Clearwater River Basin</b>						
North Fork Clearwater River at Ahsahka 13341000	Clearwater River	Lat 46°30'16", long 116°19'10", in SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.25, T.34 N., R.4 W., Clearwater County, Ahsahka quad., Hydrologic Unit 17060308, just upstream from the county road bridge, upstream from the mouth, and above the Dworshak fish hatchery.	2,440	1926-68† 2003	10- 8-2003	2,000
					2-19-2004	8,540
					4-15-2004	1,760
					6- 7-2004	19,500
					7-28-2004	11,800
					9-15-2004	5,030
10-27-2004	1,160					
Webb Creek Pipeline Canal near Waha 13342220	Diversion from Webb Creek	Lat 46°15'21", long 116°46'29", in NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.25, T.34 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, at Webb Ridge Road, and 4.7 mi northeast of Waha.	--	2002, 2003f	3-11-2004	8.90
					4-19-2004	6.15
					6-15-2004	11.0
					7-13-2004	3.47
9- 9-2004	0.34					
Sweetwater Canal at head near Waha 13342255	Diversion from Sweetwater Creek	Lat 46°16'19", long 116°51'08", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.21, T.34 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, Sweetwater quad., about 300 ft downstream from diversion dam, and 4.1 mi north of Waha.	--	2002, 2003f	9- 9-2004	0.65
Sweetwater Canal above mouth at Mann Lake nr Sweetwater 13342270	Diversion from Sweetwater Creek	Lat 46°21'58", long 116°50'57", in SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.17, T.35 N., R.4 W., Nez Perce County, Sweetwater quad., Hydrologic Unit 17060306, about 1,000 ft upstream from Mann Lake, and 2.7 mi west of Sweetwater.	--	2003f	3-10-2004	14.3
					4-20-2004	16.4
					6-15-2004	10.5
					7-13-2004	16.2
					9- 8-2004	3.53

† Continuous record

a Approximate, drainage area determined at the mouth.

f Published as part of a seepage investigation.

## Low-flow partial-record stations

Measurements of streamflow in the area covered by this report 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 storage. These measurements, when correlated with the 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 "Measured previously" shows the water years in which measurements were made at the same, or practically the same, site.

## Discharge measurements made at low-flow partial-record sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis-charge (ft <sup>3</sup> /s)
<b>Pend Oreille River Basin</b>						
Round Prairie Creek near Eastport 12306800	Kootenai River	Lat 48°57'57", long 116°12'15", in SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.21, T.65 N., R.2 E., Boundary County, Hydrologic Unit 17010105, Idaho Panhandle National Forests, 0.4 mi downstream from Robinson Lake, 2.5 mi south of Eastport, and at mile 2.5.	--	1974-78, 1995, 2001-02	9-29-2004 10- 6-2004	5.53 3.47
Indian Creek near Coolin 12392950	Priest River	Lat 48°37'37", long 116°49'14", in NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.23, T.61 N., R.4 W., Bonner County, Priest Lake NE quad., Hydrologic Unit 17010215, Idaho Panhandle National Forests, 1.5 mi upstream from mouth, and 11 mi north of Coolin.	20	1948,1973, 1975-78, 1987-89, 1994,2001, 2003	10- 5-2004	18.9
<b>Spokane River Basin</b>						
SF Coeur d'Alene River above Deadman Gulch near Mullan 12413040	Coeur d'Alene River	Lat 47°28'24", long 115°45'56", in SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.25, T.48 N., R.5 E., Shoshone County, Mullan Quad., Hydrologic Unit 17010302, 50 ft upstream from county road bridge, 150 ft upstream from Deadman Gulch, and 1.2 mi east of Mullan.	--	1999-2000†, 2001-02	10-14-2003 10- 7-2004	10.4 12.0
Canyon Creek above mouth at Wallace 12413125	South Fork Coeur d'Alene River	Lat 47°28'24", long 115°54'50", in NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.35, T.48 N., R.4 E., Shoshone County, Wallace Quad., Hydrologic Unit 17010302, under freeway overpass, 65 ft upstream from mouth of SF Coeur d'Alene River, 187 mi upstream from mouth of Spokane River, and 0.5 mi east of Wallace Post Office.	--	1999-2003†	10- 7-2004	19.3
East Fork Ninemile Creek above Success Mine near Blackcloud 124131265	Ninemile Creek	Lat 47°31'48", long 115°52'25", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.7, T.48 N., R.4 E., Shoshone County, Burke Quad., Hydrologic Unit 17010302, 1.6 mi upstream from Ninemile Creek and 2.2 mi northeast of Blackcloud.	--	--	10-15-2003 10- 5-2004	1.42 1.97
East Fork Ninemile Creek above mouth near Blackcloud 12413127	Ninemile Creek	Lat 47°30'47", long 115°53'33", in NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.13, T.48 N., R.4 E., Shoshone County, Osburn Quad., Hydrologic Unit 17010302, at county road crossing, 0.3 mi upstream from Ninemile Creek and 0.8 mi northeast of Blackcloud.	--	--	10-15-2003 10- 5-2004	2.02 2.74
Ninemile Creek above mouth at Wallace 12413130	South Fork Coeur d'Alene River	Lat 47°28'34", long 116°48'05", in NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.26, T.48 N., R.4 E., Shoshone County, Wallace Quad., Hydrologic Unit 17010302, 0.5 mi upstream from mouth at South Fork Coeur d'Alene River, and 0.55 mi northeast of Wallace Post Office.	--	1999-2003†	10- 2-2003 10- 5-2004	4.35 4.15
Latour Creek above Baldy Creek near Cataldo 12413700	Coeur d'Alene River	Lat 47°28'10", long 116°26'20", in NE <sup>1</sup> / <sub>4</sub> sec.34, T.48 N., R.1 W., Kootenai County, Rochat Peak quad., Hydrologic Unit 17010303, at BLM road bridge, 0.4 mi upstream from Baldy Creek, 7.8 mi southwest of Cataldo, and at mile 6.5.	24.8	1967-71†, 1973-81b, 1973, 1975-78, 1980, 1987-88, 1992,1994, 2001-03	10- 5-2004	10.9

Discharge measurements made at low-flow partial-record sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>Spokane River Basin--Continued</b>						
Marble Creek near Calder 12414200	St. Joe River	Lat 47°13'38", long 116°01'12", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.24, T.45 N., R.3 E., Shoshone County, Marble Mountain quad., Hydrologic Unit 17010304, 70 ft downstream from Boulder Creek, 2 mi upstream from mouth, 8 mi southeast of Calder, and 27 mi southeast of St. Maries.	138	1983-88†, 1992,1994, 2001-03	10- 5-2004	81.5
Cherry Creek near St Maries 12415100	St. Joe River	Lat 47°19'00", long 116°36'47", in SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.20, T.46 N., R.2 W., Benwah County, Saint Maries quad., Hydrologic Unit 17010304, 80 ft upstream from State Highway 5 crossing, and 2.0 mi west of St. Maries.	7.07	1961-71b, 1972, 1974-76, 1978,1980, 2001-03	10- 5-2004	0.19
Hangman Creek near Tensed 12422950	Spokane River	Lat 47°11'37", long 117°01'44"(revised), in SE <sup>1</sup> / <sub>4</sub> sec.36, T.45 N., R.6 W., Benwah County, Hydrologic Unit 17010306, about 0.6 mi below bridge on Crabb Rd., 2.6 mi downstream from Andrews Spring Creek, about 3 mi upstream of Tekoa, Washington, and 5.5 mi downstream from Tensed.	125	1974-78, 1981-82†, 1989-90†, 1994,2001	10- 5-2004	0.25
<b>Bruneau-Jarbidge River Basins</b>						
East Fork Jarbidge River near Three Creek 13162500	Jarbidge River	Lat 42°01'55", long 115°22'03"(revised), in SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.14, T.16 S., R.9 E., Owyhee County, Murphy Hot Springs quad., Hydrologic Unit 17050102, 0.5 mi downstream from Murphy Hot Springs, 2.0 mi upstream from mouth, and 11 mi southwest of Three Creek.	84.6	1928-33†, 1953-71†, 1974-78, 1980,2001	9-13-2004	6.49
<b>Owyhee River Basin</b>						
North Fork Owyhee River nr Fairylawn 13177910	Owyhee River	Lat 42°35'31", long 116°58'49", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.31, T.9 S., R.5 W., Owyhee County, Fairylawn quad., Hydrologic Unit 17050107, at road crossing, 26 mi south of Jordan Valley, Oregon.	--	1989,1991, 1993,2001, 2003	9-28-2004	2.72
<b>Boise River Basin</b>						
Roaring River near Rocky Bar 13184200	Middle Fork Boise River	Lat 43°42'59", long 115°27'56", in NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.2, T.4 N., R.8 E., Elmore County, Hydrologic Unit 17050111, 6 mi (9.6 km) upstream from mouth, and 9 mi northeast of Rocky Bar.	23.3	1958, 1963-71b 1973-80b, 1987-88, 1992,2001	9-27-2004	8.78
Fall Creek near Anderson Ranch Dam 13187000	South Fork Boise River	Lat 43°25'53", long 115°23'05", in SE <sup>1</sup> / <sub>4</sub> sec.9, T.1 N., R.9 E., Elmore County, Hydrologic Unit 17050113, 1.5 mi upstream from Castle Creek, 2 mi upstream from the mouth, and 5 mi southwest of Pine.	55.3	1942, 1945-56†, 1975-78, 1987-89, 2001	9-27-2004	9.05
<b>Payette River Basin</b>						
Clear Creek at Lowman 13234500	South Fork Payette River	Lat 44°04'57", long 115°36'45", in SW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.27, T.9 N., R.7 E., Boise County, Lowman quad., Hydrologic Unit 17050120, Boise National Forest, at State Highway 21 bridge in Lowman, and 550 ft upstream from mouth.	59.6	1921-22, 1925, 1941-49†, 1975-78, 1980, 1987-89, 2001-03	10- 4-2004	30.9

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Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>Payette River Basin--Continued</b>						
Deep Creek near McCall 13238300	North Fork Payette River	Lat 45°06'00", long 116°02'20", in NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.1, T.20 N., R.3 E., Valley County, Granite Lake quad., Hydrologic Unit 17050123, Payette National Forest, at forest road crossing, and 13 mi north of McCall.	4.38	1961-71, 1973, 1975-78, 2001-03	9-29-2004	0.22
<b>Weiser River Basin</b>						
Weiser River at Starkey 13253500	Snake River	Lat 44°50'58", long 116°26'40", in NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.34, T.18 N., R.1 W., Adams County, Fruitvale quad., Hydrologic Unit 17050124, 200 ft upstream from Warm Springs Creek, 8.5 mi north of Council, and at mile 80.0.	106	1920,1922, 1939-49†, 1955, 1973-78, 1980-81, 1988, 2002-03	9-29-2004	14.8
Keithly Creek near Midvale 13261880	Weiser River	Lat 44°31'03", long 116°50'02", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.28, T.14 N., R.4 W., Washington County, Hopper Creek quad., Hydrologic Unit 17050124, 5.5 mi northwest of Midvale, and 8.5 mi southwest of Cambridge.	--	1973-74, 1976-78, 1981, 2002-03	9-28-2004	3.58
<b>Salmon River Basin</b>						
Salmon River at head near Obsidian 13292200	Salmon River	Lat 43°53'03", long 114°45'47", in NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.1, T.6 N., R.13 E., (unsurveyed) Blaine County, Hydrologic Unit 17060201, Sawtooth National Forest, at U.S. Highway 93 crossing, 0.3 mi upstream from Frenchman Creek and 14 mi south of Obsidian.	17.5	1971-77, 1981,1985, 1987,2001, 2003	10- 5-2004	5.37
Big Boulder Creek near Clayton 13297500	East Fork Salmon River	Lat 44°06'55", long 114°26'29", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.15, T.9 N., R.17 E., Custer County, Hydrologic Unit 17060201, 0.15 mi above East Fork Salmon/Big Boulder Creek sign, and 17.75 mi upstream from Highway 75 at the East Fork Salmon River.	27.4	1926-30†, 1971-75, 1976-78, 1980-81, 2001	10- 5-2004	11.4
East Fork Salmon River near Clayton 13298000	Salmon River	Lat 44°13'29", long 114°17'10", in NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.1, T.10 N., R.18 E., Custer County, Ziegler Basin quad., Hydrologic Unit 17060201, at county road crossing, 3.8 mi upstream from Hwy 75, 6 mi southeast of Clayton, and at mile 3.9.	532	1929-39†, 1971-73, 1973-81†, 1987-89, 1993-94, 2001-03	10- 5-2004	108
Big Creek above diversions near Patterson 13301500	Pahsimeroi River	Lat 44°26'36", long 113°36'32", in SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.21, T.13 N., R.24 E., Lemhi County, Big Creek Peak quad., Hydrologic Unit 17060202, just downstream from footbridge, 0.4 mi downstream from confluence of North and South Forks, 2.9 mi from Big Creek sign, and 7 mi southeast of Patterson.	54.8	1910-13†, 1938, 1971-73, 1975-78, 2000-01	9-28-2004	26.2
Morse Creek above diversions near May 13301700	Pahsimeroi River	Lat 44°36'32", long 113°49'02", in SW <sup>1</sup> / <sub>4</sub> sec.24, T.15 N., R.22 E., Custer County, East of May quad., Hydrologic Unit 17060202, above diversions, at campground, just upstream from mouth of canyon, about 5 mi east of May, and 10.3 mi upstream from Highway 75.	18.0	1962-71b, 1973-78b, 1981, 2001-03	9-28-2004	10.4
Texas Creek near Leadore 13303000	Lemhi River	Lat 44°35'10", long 113°19'45", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.35, T.15 N., R.26 E., Lemhi County, Purcell Spring quad., Hydrologic Unit 17060204, 50 ft downstream from Nez Perce (Purcell) Creek, 0.5 mi upstream from county road bridge, and 6.5 mi south of Leadore.	71.4	1939†, 1955-63†, 1965,1973, 1975-78, 1980-81, 2001-03	9-29-2004	12.8

Discharge measurements made at low-flow partial-record sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>Salmon River Basin--Continued</b>						
Hayden Creek below Bear Valley Creek near Lemhi 13304875	Lemhi River	Lat 44°46'43", long 113°42'21", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.27, T.17 N., R.23 E., Lemhi County, Hayden Creek quad., Salmon National Forest, Hydrologic Unit 17060204, 0.2 mi upstream from forest boundary, 0.4 mi downstream from Bear Valley Creek, and 6.7 mi southwest of Lemhi.	--	1973, 1975-78	9-29-2004	51.1
North Fork Salmon River at North Fork 13306000	Salmon River	Lat 45°24'23", long 113°59'40", in SW <sup>1</sup> / <sub>4</sub> sec.16, T.24 N., R.21 E., Lemhi County, North Fork quad., Hydrologic Unit 17060203, 150 ft below Highway 93 bridge, and 0.2 mi northwest of North Fork.	214	1929-40†, 1973, 1975-78, 1980, 1987-89, 1993-94, 2001-03	9-29-2004	51.3
Panther Creek below Big Deer Creek near Salmon 13306440	Salmon River	Lat 45°10'38", long 114°18'57", in SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.2, T.21 N., R.18 E. (unsurveyed), Lemhi County, Gant Mountain quad., Hydrologic Unit 17060203, Salmon National Forest, at cableway, just below Big Deer Creek, 7.0 mi northwest of Blackbird Townsite, and 20.2 mi west of Salmon.	--	1971,1973, 1975-78, 2001-03	9-29-2004	73.3
Marsh Creek (Middle Fork Salmon River) near Cape Horn 13308500	Middle Fork Salmon River	Lat 44°24'33", long 115°10'58", in NE <sup>1</sup> / <sub>4</sub> sec.4, T.12 N., R.11 E., Custer County, Cape Horn Lakes quad., Hydrologic Unit 17060205, Challis National Forest, 0.35 mi downstream from Lola Creek, at Lola Creek campground, 3.1 mi north of Bruce Meadows turnoff to Bear Valley Creek, 0.5 mi downstream from confluence of Marsh and Beaver Creeks, 2 mi northwest of Cape Horn, and at mile 110.3.	138	1928-72†, 1973, 1975-78, 1980, 1987-89, 2001-03	10- 6-2004	83.4
Slate Creek at mouth at Slate Creek 13316600	Salmon River	Lat 45°38'24", long 116°17'01", in NE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.36, T.27 N., R.1 E., Idaho County, Slate Creek quad., Hydrologic Unit 17060209, 200 ft upstream from U.S. Highway 95 bridge, 300 ft upstream from mouth, 0.2 mi northwest of Slate Creek, and 8.7 mi south of White Bird.	127	1948, 1973-78, 1980,1992, 2001-03	9-29-2004	63.2
<b>Clearwater River Basin</b>						
Swiftwater Creek near Lowell 13336600	Selway River	Lat 46°06'55", long 115°34'23", in SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.16, T.32 N., R.7 E., Idaho County, Goddard Point quad., Hydrologic Unit 17060302, Nez Perce National Forest, at mouth, at forest road, and 2.5 mi southeast of Lowell.	6.19	1961-71b, 1973-78, 1995, 2001-03	9- 9-2004	2.54
Weir Creek near Powell Ranger Station 13336850	Lochsa River	Lat 46°27'31", long 115°02'04", near W <sup>1</sup> / <sub>2</sub> corner, sec.13, T.36 N., R.11 E., (unsurveyed), Idaho County, Greystone Butte quad., Hydrologic Unit 17060303, Clearwater National Forest, 200 ft upstream from U.S. Highway 12, and 16 mi west of Powell Ranger Station.	a12.2	1961-71b, 1973-78, 1980, 2001-03	9- 9-2004	5.47
Sally Ann Creek near Stites 13338200	South Fork Clearwater River	Lat 46°00'35", long 115°57'46", in SE <sup>1</sup> / <sub>4</sub> sec.21, T.31 N., R.4 E., Idaho County, Stites quad., Hydrologic Unit 17060305, at State Highway 13, and 5.8 mi south of Stites.	13.9	1961-71b, 1973, 1975-78, 1980,1992, 1995, 2001-03	9- 9-2004	0.65

Discharge measurements made at low-flow partial-record sites during water year 2004.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis- charge (ft <sup>3</sup> /s)
<b>Clearwater River Basin--Continued</b>						
Mission Creek near Winchester 13342000	Lapwai Creek	Lat 46°11'20", long 116°38'49", in SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.24, T.33 N., R.3 W., Lewis County, Winchester West quad., Hydrologic Unit 17060306, at county road crossing, and 4 mi southwest of Winchester.	a16	1941-45†, 1948,1956, 1975-76, 1978,1995, 2001	9- 9-2004	0.09

- † Continuous record  
a Approximately  
b Crest-stage gage  
c Temperature record  
d Discharge determined by indirect measurement.

Discharge measurements made at Falls Creek Project sites in Pahsimeroi River basin during water year 2004.

Station	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
				Date	Dis-charge (ft <sup>3</sup> /s)
<b>Pahsimeroi River Basin</b>					
Falls Creek at 2nd diversion to natural channel 4434411134621	Lat 44°34'41", long 113°46'21", in NE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, at canyon mouth, 0.4 mi below the gage and 7.9 mi east of May.	--	2003	5-19-2004 6- 7-2004 6-10-2004	0.58 7.64 2.72
Falls Creek 2nd south diversion 4434401134621	Lat 44°34'40", long 113°46'21", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, at canyon mouth, 200 ft below 2nd diversion to natural channel, 0.4 mi below the gage, and 7.9 mi east of May.	--	--	5-19-2004	0.60
Falls Creek natural channel site #2 4434351134631	Lat 44°34'35", long 113°46'31", in SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 0.7 mi below the gage, and 7.6 mi east of May.	--	2003	6- 7-2004 6-10-2004	6.68 2.19
Falls Creek natural channel site #3 4434291134653	Lat 44°34'29", long 113°46'53", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.1 mi below canyon mouth.	--	2003	6- 7-2004 6-10-2004	2.98 0.00
Falls Creek natural channel site #4 4434211134714	Lat 44°34'21", long 113°47'14", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.2 mi below the gage, and 7.1 mi east of May.	--	2003	6- 7-2004	1.01
Falls Creek natural channel site #5 4434121134728	Lat 44°34'12", long 113°47'28", in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.1, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.5 mi below the gage, and 6.8 mi east of May.	--	2003	6- 7-2004	0.00
Falls Creek North ditch site #10 4433321135133	Lat 44°33'32", long 113°51'33", in SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.9, T.14 N., R.22 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.5 mi below the gage, and 6.8 mi east of May.	--	2002	5-27-2004	4.32





Weiser River near Weiser, Idaho