

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 2003.

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.	--	--	12-10-2002 2- 5-2003 5-28-2003 6-24-2003 8-18-2003	64.3 445 993 235 71.8
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 17010305, at Coeur d'Alene Lake outlet at Coeur d'Alene, and at mile 111.1.	--	1980-81	6- 2-2003	7,700
<b>Salmon River Basin</b>						
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	5-20-2003 5-29-2003 7- 8-2003 8- 2-2003 8-27-2003	110 619 86.0 37.1 28.4
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	1971-72	10-16-2002 11-20-2002 7-10-2003 8-27-2003 10- 7-2003	7.34 7.24 7.97 3.15 2.39
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.	--	--	8-28-2003 10- 6-2003	10.3 12.0
<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	--	--	10- 3-2002 1-15-2003 4-23-2003 6-19-2003 8-18-2003	1,530 1,590 14,800 7,650 10,400
Sweetwater Canal at head near Waha 13342255	Lapwai 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.	--	--	10-15-2002	3.27

## 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 2003.

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>						
Trapper Creek near Clark Fork 12392100	Lightning Creek	Lat 48°15'54", long 116°07'07", in NE <sup>1</sup> / <sub>4</sub> sec.30, T.57 N., R.3 E., Bonner County, Benning Mountain quad., Hydrologic Unit 17010213, Idaho Panhandle National Forests, at U.S. Forest Service road, and 9.8 mi north of Clark Fork.	1.12	1962-71, 1974-81, 1994,2001	9- 3-2003	0.00
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	9-23-2003	5.36
<b>Spokane River Basin</b>						
Boulder Creek at Mullan 12413100	South Fork Coeur d'Alene River	Lat 47°28'11", long 115°47'45", in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.34, T.48 N., R.5 E., Shoshone County, Mullan quad., Hydrologic Unit 17010302, at U.S. Highway I-90 crossing in Mullan.	3.13	1961-71, 1973-81, 1994, 2001-02	9-23-2003	0.77
Montgomery Creek near Kellogg 12413200	South Fork Coeur d'Alene River	Lat 47°33'19", long 116°04'22", in SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.34, T.49 N., R.3 E., Shoshone County, Kellogg East quad., Hydrologic Unit 17010302, Coeur d'Alene National Forest, at forest road crossing and 2.5 mi northeast of Kellogg.	4.53	1962-71, 1973-80, 2001-02	9-23-2003	0.18
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, 2001-02	9-23-2003	5.14
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, 2001-02	10- 1-2002 9-15-2003	80.2 67.2
Cherry Creek near St Maries 12415100	St. Joe River	Lat 47°19'00", long 116°36'47", in SU <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, 2001-02	10- 2-2002 9-16-2003	0.22 0.14
<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	9-17-2003	1.54

Discharge measurements made at low-flow partial-record sites during water year 2003.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis- charge (ft <sup>3</sup> /s)
<b>Boise River Basin</b>						
Sheep Creek at mouth near Twin Springs 13184955	Boise River	Lat 43°41'45", long 115°39'38", in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> sec.7, T.4 N., R.7 E., Boise County, Twin Springs quad., Hydrologic Unit 17050112, 200 ft upstream from mouth, and 2.5 mi northeast of Twin Springs.	--	1975-78, 1980-81, 1987, 2001	9-16-2003	17.1
<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> SW <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, 2001-02	9-23-2003	31.9
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, 2001-02	9-26-2003	0.08
<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, 2002	9-22-2003	13.2
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	9-23-2003	4.21
Crane Creek above Crane Creek Reservoir near Midvale 13263700	Weiser River	Lat 44°24'16", long 116°31'30", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.1, T.12 N., R.2 W., Washington County, Hog Creek Butte quad., Hydrologic Unit 17050124, 0.1 mi downstream from county road bridge, 2 mi northwest of Crane Creek Reservoir, and 11 mi southwest of Midvale.	120a	1955, 1973-78, 1980-81, 2002	9-23-2003	0.51
<b>Brownlee Creek Basin</b>						
East Brownlee Creek near Brownlee Ranger Station 13289600	Brownlee Creek	Lat 44°44'07", long 116°50'13", in SE <sup>1</sup> / <sub>4</sub> sec.8, T.16 N., R.4 W., Washington County, Advent Gulch quad., Hydrologic Unit 17050201, Payette National Forest, at State Highway 71, 0.2 mi west of Brownlee Ranger Station.	7.97	1962-64b, 1965-67, 1980, 1987-88, 1995,2002	9-22-2003	1.27
<b>Wildhorse River Basin</b>						
Bear Creek near Bear 13289800	Wildhorse River	Lat 45°00'38", long 116°40'40", in SE <sup>1</sup> / <sub>4</sub> sec.10, T.19 N., R.3 W., Adams County, Cuprum quad., Hydrologic Unit 17050201, at forest road crossing, 2.2 mi south of Bear.	62.0	1913, 1962-64, 1980, 1987-88, 2002	9-22-2003	6.82

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record sites during water year 2003.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis- charge (ft <sup>3</sup> /s)
<b>Salmon River Basin</b>						
Salmon River at Highway 93 above Redfish Creek near Stanley 13293800	Salmon River	Lat 44°09'50", long 114°53'10", in NE <sup>1</sup> / <sub>4</sub> sec.25, T.10 N., R.13 E., Custer County, Stanley quad., Hydrologic Unit 17060201, Sawtooth National Forest, at U.S. Highway 93 crossing, and 4.5 mi southeast of Stanley.	--	1957-58, 1973, 1975-78, 2001-02	10- 1-2002 9-24-2003	168 158
Yankee Fork Salmon River near Clayton 13296000	Salmon River	Lat 44°17'15", long 114°43'11", in NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.17, T.11 N., R.15 E., (unsurveyed), Custer County, Sunbeam quad., Hydrologic Unit 17060201, Challis National Forest, at Sunbeam-Custer bridge, 1.8 mi north of Sunbeam, 1.9 mi upstream from mouth, and 12 mi northeast of Stanley.	195	1921-49‡, 1971-73, 1975-78, 1987-88, 2001-02	10- 3-2002 9-24-2003	52.4 60.9
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, 4 mi upstream from mouth, 6 mi southeast of Clayton, and 3.8 mi upstream from Highway 75.	532	1929-39‡, 1971-73, 1973-81‡, 1987-89, 1993-94, 2001-02	10- 2-2002 9-23-2003	112 76.5
<b>Pahsimeroi River Basin</b>						
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, 2000-02	9-16-2003	6.63
<b>Salmon River Basin--Continued</b>						
Lake Creek above Williams Lake, near Salmon 13302180	Salmon River	Lat 45°01'00", long 113°59'38", in NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.33, T.20 N., R.21 E., Lemhi County, Williams Lake quad., Hydrologic Unit 17060203, Salmon National Forest, 0.2 mi upstream from Williams Lake, 3.2 mi upstream from mouth, and 12 mi southwest of Salmon.	--	1973, 1975-78, 1981, 2001-02	9-15-2003	2.72
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	1938-39‡, 1955-63‡, 1965, 1973, 1975-78, 1980-81, 2001-02	9-15-2003	12.6
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‡, 1980, 1987-89, 1992, 1994, 2001-02	9-25-2003	45.1
Napias Creek at Leesburg 13306385	Salmon River	Lat 45°13'22", long 114°06'44", in NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.21, T.22 N., R.20 E., Lemhi County, Leesburg quad., Hydrologic Unit 17060203, at Bear Track Mine, at Leesburg, and 13.5 mi northwest of Salmon.	--	--	9-25-2003	1.57
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, 2001-02	9-16-2003	67.5

Discharge measurements made at low-flow partial-record sites during water year 2003.

Station	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Dis- charge (ft <sup>3</sup> /s)
<b>Salmon River Basin--Continued</b>						
Owl Creek near Shoup 13307050	Salmon River	Lat 45°19'05", long 114°26'55", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.14, T.23 N., R.17 E.(unsurveyed), Lemhi County, Bighorn Crags quad., Hydrologic Unit 17060203, Salmon National Forest, 80 ft above bridge at forest road crossing, and 9.3 mi southwest of Shoup.	--	1973, 1975-78 2001-02	9-16-2003	17.0
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, 2001-02	10- 1-2002 9-24-2003	80.3 85.7
Secesh River near Burgdorf 13313500	South Fork Salmon River	Lat 45°13'58", long 115°48'40", in SW <sup>1</sup> / <sub>4</sub> sec.23, T.22 N., R.5 E., Idaho County, Loon Lake quad., Hydrologic Unit 17060208, Payette National Forest, 760 ft upstream from Long Gulch Creek, and 5.3 mi southeast of Burgdorf.	104	1929, 1943-52†, 1977,1980, 1987-89, 2001-02	9-26-2003	40.4
<b>Little Salmon River Basin</b>						
Rapid River above hatchery near Riggins 13316390	Salmon River	Lat 45°21'04", long 116°23'57", in SE <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> sec.12, T.23 N., R.1 W., Idaho County, Heavens Gate quad., Hydrologic Unit 17060210, Nez Perce National Forest, 500 ft above diversion from Rapid River Fish Hatchery, 0.5 mi downstream from Thorn Gulch, 0.5 mi upstream from Shingle Creek, 2.8 mi upstream from mouth, and 6.0 mi southwest of Riggins.	--	1973-78, 1980-81, 1987-89, 1992, 2001	9-26-2003	64.7
<b>Salmon River Basin--Continued</b>						
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> SW <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, 2001-02	9-26-2003	29.9
White Bird Creek near White Bird 13317045	Salmon River	Lat 45°47'19", long 116°15'29", in NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> sec.6, T.28 N., R.2 E., Idaho County, White Bird quad., Hydrologic Unit 17060209, at private road crossing, 0.2 mi upstream from Magpie Gulch, and 3.0 mi northeast of White Bird.	--	1973-78, 1980,1992, 2001-02	9-26-2003	6.85
<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, 2001-02	8-20-2003	2.29
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, 2001-02	8-20-2003	4.29

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at low-flow partial-record sites during water year 2003.

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>						
Red Horse Creek near Elk City 13337200	Red River	Lat 45°47'39", long 115°24'02", in SW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.6, T.28 N., R.9 E. (unsurveyed), Idaho County, Elk City quad., Hydrologic Unit 17060305, Nez Perce National Forest, 75 ft upstream from Elk City-Dixie road, and 3.0 mi southeast of Elk City.	9.13	1961-71b, 1973, 1975-78, 1980, 2001-02	8-21-2003	0.82
Crooked River near mouth near Elk City 13337520	South Fork Clearwater River	Lat 45°49'18", long 115°31'40", in SW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> sec.25, T.29 N., R.7 E., Idaho County, Center Star Mountain quad., Hydrologic Unit 17060305, 600 ft west of Crooked River Road, 1,000 ft upstream from South Fork Clearwater River, and 5.5 mi west of Elk City.	--	1984-87c, 1986-89, 1992, 2001-02	8-21-2003	17.2
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, 2001-02	8-20-2003	0.21

† 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 the Pahsimeroi River basin during water year 2003.

Station	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
				Date	Discharge (ft <sup>3</sup> /s)
<b>Pahsimeroi River Basin</b>					
Falls Creek South ditch weir 4434431134610	Lat 44°34'43", long 113°46'10", in SE <sup>1/4</sup> NE <sup>1/4</sup> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, also known as May White's diversion or the Blue Flume, 0.25 mi below the point of diversion.	--	2002	5- 9-2003 5-21-2003	8.25 3.00
Falls Creek at 1st diversion to natural channel 4434481134616	Lat 44°34'48", long 113°46'16", in NE <sup>1/4</sup> NE <sup>1/4</sup> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, at canyon mouth, 0.3 mi below the gage, and 8.0 mi east of May.	--	--	5- 9-2003 5-21-2003	1.40 0.78
Falls Creek at 2nd diversion to natural channel 4434411134621	Lat 44°34'41", long 113°46'21", in NE <sup>1/4</sup> NE <sup>1/4</sup> 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.	--	--	5- 9-2003 5-29-2003 6- 6-2003	1.61 24.9 7.52
Falls Creek natural channel site#2 4434351134631	Lat 44°34'35", long 113°46'31", in SW <sup>1/4</sup> NE <sup>1/4</sup> 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.	--	--	5- 9-2003 5-29-2003 6- 6-2003	0.00 24.0 6.83
Falls Creek natural channel site #3 4434291134653	Lat 44°34'29", long 113°46'53", in SE <sup>1/4</sup> NW <sup>1/4</sup> sec.6, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.1 mi below canyon mouth.	--	--	5-29-2003 6- 6-2003	19.8 5.25
Falls Creek natural channel site #4 4434211134714	Lat 44°34'21", long 113°47'14", in NW <sup>1/4</sup> SW <sup>1/4</sup> 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.	--	--	5-29-2003 6- 6-2003	17.5 3.15
Falls Creek natural channel site #5 4434121134728	Lat 44°34'12", long 113°47'28", in NE <sup>1/4</sup> SE <sup>1/4</sup> 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.	--	--	5-29-2003 6- 6-2003	18.0 1.63
Falls Creek natural channel site #6 4433551134746	Lat 44°33'55", long 113°47'46", in NW <sup>1/4</sup> NE <sup>1/4</sup> sec.12, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 1.9 mi below the gage, and 6.4 mi east of May.	--	--	5-29-2003 6- 6-2003	7.16 0.00
Falls Creek natural channel site #7 4433331134818	Lat 44°33'33", long 113°48'18", in SW <sup>1/4</sup> NW <sup>1/4</sup> sec.12, T.14 N., R.23 E., Lemhi County, East of May quad., Hydrologic Unit 17060202, 2.5 mi below the gage, and 5.8 mi east of May.	--	--	5-29-2003 6- 6-2003	4.00 0.00