

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 these events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites. The description and location of some sites may have been updated from previously published miscellaneous measurements sites.

Records collected at crest-stage partial-record stations are presented in the following table. Discharge measurements made at low-flow partial-record sites and peak flows at miscellaneous sites and for special studies are given in separate tables.

Crest-Stage Partial-Record Stations

The following table contains annual maximum discharge 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 for each water year is 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.

Annual Maximum Discharge at Crest-Stage Partial-Record Stations During Water Year 2004

[ft, foot; ft³/s, cubic foot per second; mi, mile; mi², square mile; --, no data or undetermined. Station operated Oct. 15 to Apr. 15]

Station name and No.	Location of drainage area	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)
PUYALLUP RIVER BASIN								
Puyallup River at Alderton (12096500)	Lat 47°11'07", long 122°13'42", on line between sec.25, T.20 N., R.4 E., and sec.30, T.20 N., R.5 E., Pierce County, Hydrologic Unit 17110014, at State Highway 162 road crossing, 1.0 mi north of Alderton, 1.0 mi south of Sumner, and at mile 12.2. Drainage area is 438 mi ² .	1914-27, 1943-57‡, 1997-2004	01-29-04	51.21	10,400	02-09-96	61.15a	41,500
SNOHOMISH RIVER BASIN								
Snoqualmie River at Duvall (12150400)	Lat 47°44'36", long 121°59'12", in SW¼NW¼ sec.13, T26. N., R.6 E., King County, Hydrologic Unit 17110010, on right bank at downstream side of abandoned bridge pier, 100 ft south of the present Woodinville-Duvall Road bridge in Duvall. Drainage area is 645 mi ² .	2001-04	11-20-04	40.44a	--	11-20-04	40.44a	--
PEND OREILLE RIVER BASIN								
Calispell Creek near Dalkena (12396000)	Lat 48°14'40", long 117°20'26", in NE¼SW¼ sec.26, T.32 N., R.43 E., Pend Oreille County, 2.4 mi upstream from Calispell Lake, and 4.8 mi west of Dalkena. Drainage area is 68.3 mi ² .	1950-73‡, 1974-2004	03-31-04 04-04-04	6.57	152	01-15-74	14.38	3,190
CRAB CREEK BASIN								
Farrier Coulee near Schrag (12471270)	Lat 47°07'33", long 118°50'17", in SW¼NE¼ sec.19, T.19 N., R.32 E., Adams County, on left bank 3.8 mi upstream from confluence with Bauer Coulee, and 3.7 mi north of Schrag. Drainage area is 42.0 mi ² .	1963-74‡, 1975-79, 2002-04	--	--	--	01-16-71	10.36†	1,450

a Gage height shown is at NGVD of 1929.

‡ Operated as a continuous-record gaging site.

† Based on datum in effect at that time.

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004

[-, No data or undetermined; ‡, Operated as a continuous-record gaging site; a, Not previously published; b, 446 square miles in the vicinity of Banks and Soap Lakes is noncontributing; c, Operated as a crest-stage gage]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
CHEHALIS RIVER BASIN						
Porter Creek	Chehalis River	Lat 46°56'15", long 123°18'30", in NW¼NE¼ sec.28, T.17 N., R.5 W., Grays Harbor County, Hydrologic Unit 17100103, at railroad bridge, at Porter, and at mouth.	39.8	1963-65 1972 1976-78 1980-82 2000-03	07-14-04	16
HUMPTULIPS RIVER BASIN						
12039000 Humptulips River	Grays Harbor	Lat 47°13'42", long 123°56'23", in NE¼NE¼, sec.17, T.20 N., R.10 W., Grays Harbor County, Hydrologic Unit 17100105, 2.3 mi upstream from Stevens Creek, 3.3 mi downstream from confluence of East and West Forks, 0.9 mi southeast of Humptulips, and at mile 24.8.	130	1933-35‡ 1942 1942-79‡ 1980-97 2002	11-05-03	566
QUILCENE RIVER BASIN						
12051900 Little Quilcene River	Quilcene Bay	Lat 47°52'30", long 122°57'30", in SE¼NW¼ sec.32, T.28 N., R.2 W., Clallam County, Hydrologic Unit 17110018, downstream from diversion dam, and 5.3 mi northwest of Quilcene.	--	1992-2003	11-13-03 02-11-04 05-14-04 07-13-04	6.1 18 15 9.6
12052390 Big Quilcene River	Quilcene Bay	Lat 47°48'32", long 122°54'43", in NW¼NE¼ sec.27, T. 27 N., R. 2 W., Jefferson County, Hydrologic Unit 17110018, at hatchery, 2.1 mi southwest of Quilcene, and at mile 2.7.	59.7	1993-2003	11-14-03 02-10-04 05-14-04 07-28-04	32 105 92 33
SKOKOMISH RIVER BASIN						
12062508 Unnamed Tributary	Skokomish River	Lat 47°18'34", long 123°08'22", in SW¼NW¼, sec.13, T.21 N., R.4 W., Mason County, Hydrologic Unit 17110018, and 500 ft upstream from mouth.	--	--	08-04-04	0.84
12062510 Skokomish River	Hood Canal	Lat 47°19'02", long 123°08'28", in SW¼SW¼, sec.12, T.21 N., R.4 W., Mason County, Hydrologic Unit 17110017, 1,000 ft upstream from Hwy 106, and at mile 1.4.	--	--	07-09-04	376
12062515 Skokomish River	Hood Canal	Lat 47°19'33", long 123°07'57", in SE¼NW¼, sec.12, T.21 N., R.4 W., Mason County, Hydrologic Unit 17110017, 3,000 downstream from Hwy 106, and at mile 0.7.	--	--	07-09-04	396
BTW SKOKOMISH RIVER AND DESCHUTES RIVER BASINS						
12063000 Union River	Hood Canal	Lat 47°31'45", long 122°47'05", in SW¼NE¼, sec.34, T.24 N., R.1 W., Kitsap County, Hydrologic Unit 17110018, 1 mi upstream from Old Navy Yard Way, and at mile 7.3.	3.7	1946-59‡	06-29-04	16

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

[--, No data or undetermined; ‡, Operated as a continuous-record gaging site; a, Not previously published; b, 446 square miles in the vicinity of Banks and Soap Lakes is noncontributing; c, Operated as a crest-stage gage]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BTW SKOKOMISH RIVER AND DESCHUTES RIVER BASINS—Continued						
12063100 Union River	Hood Canal	Lat 47°31'12", long 122°47'03", in SW¼NE¼, sec.3, T.23 N.m R.1 W., Kitsap County, Hydrologic Unit 17110018, 100 ft upstream from confluence with Hazel Creek, and at mile 6.6.	--	--	06-29-04	2.0
12063200 Union River	Hood Canal	Lat 47°30'39", long 122°47'25", in NW¼SW¼, sec.3, T.23 N., R.1 W., Kitsap County, Hydrologic Unit 17110018, at Old Navy Yard Way, 4.5 mi northeast of Belfair, and at mile 0.7.	7.0	1942-43 1947 1958-59	06-29-04	3.4
12063300 Union River	Hood Canal	Lat 47°29'33", long 122°48'18", in SE¼SE¼, sec.9, T.23 N., R.1 W., Mason County, Hydrologic Unit 17110018, downstream from confluence with Bear Creek, and at mile 4.4.	--	--	06-30-04	11
12063400 Union River	Hood Canal	Lat 47°28'32", long 122°49'39", in NE¼NE¼, sec.20, T.23 N., R.1 W., Mason County, Hydrologic Unit 17110018, upstream from bridge over Riverside Place, and at mile 2.6.	--	--	06-30-04	15
12063518 Union River	Hood Canal	Lat 47°27'18", long 122°49'57", in SE¼NW¼, sec.29, T.23 N., R.1 W., Mason County, Hydrologic Unit 17110018, 1,000 ft upstream from State Hwy 300, and at mile 1.0.	--	--	06-28-04	34
12063520 Union River	Hood Canal	Lat 47°27'05", long 122°49'58", in NE¼SW¼, sec.29, T.23 N., R.1 W., Mason County, Hydrologic Unit 17110018, 100 ft downstream from State Hwy 300, downstream from confluence with tributary, and at mile 0.7.	--	--	06-28-04	34
12065600 Tin Mine Creek	Hood Canal	Lat 47°34'27", long 122°49'55", in SE¼NW¼, sec.17, T.24 N., R.1 W., Mason County, Hydrologic Unit 17110018, at Gold Creek Road, and at mile 21.4.	--	--	07-02-04	0.11
12065800 Tahuya River	Hood Canal	Lat 47°33'32", long 122°50'04", in SE¼NW¼, sec.20, T.24 N., R.1 W., Mason County, Hydrologic Unit 17110018, 150 ft downstream from Tahuya Lake, and at mile 20.1.	--	--	07-02-04	1.6
12067300 Tahuya River	Hood Canal	Lat 47°30'54", long 122°52'52", in SE¼NE¼, sec.1, T.23 N., R.2 W., Mason County, Hydrologic Unit 17110018, 1mi upstream from Camp Spillman, 15 mi west of Bremerton, and at mile 15.5.	15.0	1954 1958-59 1969-71	07-06-04	0.27
12067600 Tahuya River	Hood Canal	Lat 47°28'39", long 122°55'33", in SW¼SW¼, sec.15, T.23 N., R.2 W., Mason County, Hydrologic Unit 17110018, at Camp Spillman, and at mile 11.8.	--	--	07-06-04	1.1

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BTW SKOKOMISH RIVER AND DESCHUTES RIVER BASINS—Continued						
12067700 Tahuya River	Hood Canal	Lat 47°26'08", long 122°57'02", in NW¼SE¼, sec.32, T.23 N., R.2 W, Mason County, Hydrologic Unit 17110018, at Haven Way, and at mile 7.5.	--	--	07-01-04	6.6
12067800 Tahuya River	Hood Canal	Lat 47°25'42", long 122°57'22", in SW¼NE¼, sec.5, T.22 N., R.2 W., Mason County, Hydrologic Unit 17110018, 1 mi downstream from Haven Way, and at mile 6.8.	--	--	07-01-04	8.4
12067900 Tahuya River	Hood Canal	Lat 47°25'05", long 122°59'22", in NW¼NW¼, sec.7, T.22 N., R.2 W., Mason County, Hydrologic Unit 17110018, 3 mi downstream from Haven Way, and at mile 4.5.	--	--	07-01-04	8.8
12068020 Tahuya River	Hood Canal	Lat 47°23'19", long 123°01'05", in SW¼NE¼, sec.23, T.22 N., R.3 W., Mason County, Hydrologic Unit 17110018, and at mile 1.5.	--	--	07-06-04	16
NISQUALLY RIVER BASIN						
12089300 Nisqually River	Puget Sound	Lat 46°53'58", long 122°29'48", in NE¼SW¼, sec.1, T.16 N., R.2 E., Thurston County, Hydrologic Unit 17110015, 60 ft downstream from diversion dam, and 3.7 mi southeast of McKenna.	--	2001-03	05-26-04 06-16-04 07-20-04 08-17-04	598 497 516 377
BTW NISQUALLY RIVER AND PUYALLUP RIVER BASINS						
Leach Creek	Chambers Creek	Lat 47°11'55", long 122°31'12", in NE¼NW¼, sec.26, T.20 N., R.2 E., Pierce County, Hydrologic Unit 17110019, and 4.2 mi northeast of Steilacoom.	--	2000-03	02-04-04 03-24-04 05-06-04 05-21-04 07-26-04	12 34 7.4 7.0 7.1
PUYALLUP RIVER BASIN						
Evans Creek	Carbon River	Lat 47°00'13", long 122°00'23", in NE¼SW¼, sec.35, T.18 N., R.6 E., Pierce County, Hydrologic Unit 17110014, and at Carbon Glacier Road bridge.	--	1999-2000 2002-03	01-16-04 06-02-04 08-24-04	64 47 88
PEND OREILLE RIVER BASIN						
12396000 Calispell Creek	Pend Oreille River	Lat 48°14'40", long 117°20'26", in NE¼SW¼, sec.26, T.32 N., R.43 E., Pend Oreille County, Hydrologic Unit 17010216, 2.4 mi upstream from Calispell Lake, and 4.8 mi west of Dalkena.	68.3	1950-73‡ 1974-2003 _c	04-29-04 06-18-04 08-25-04	79 38 4.4

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
PEND OREILLE RIVER BASIN—Continued						
Harvey Creek	Sullivan Lake	Lat 48°46'08", long 117°17'45", in NW¼NW¼, sec.30, T.38 N., R.44 E., Pend Oreille County, Hydrologic Unit 17010216, and 6.5 mi southeast of Metaline Falls.	--	1967 1993-2003	10-03-03	4.1
					04-29-04	137
					08-25-04	21
SPOKANE RIVER BASIN						
Spokane River	Columbia River	Lat 47°40'43", long 117°10'24", in NW¼SW¼, sec.7, T.25 N., R.45 E., Spokane County, Hydrologic Unit 17010305, approximately 300 ft upstream from Flora Road, 1.0 mi downstream from Barker Road, and 0.9 mi northwest of Greenacres.	4,150	--	09-13-04	324
					09-15-04	324
					09-15-04	320
Spokane River	Columbia River	Lat 47°41'36", long 117°15'00", in NW¼SE¼, sec.4, T.25 N., R.44 E., Spokane County, Hydrologic Unit 17010305, at Centennial Trail Pedestrian Bridge, downstream from Plants Ferry, 2.6 mi northwest of Opportunity, and at mile 84.2.	4,200	2000	09-13-04	761
Spokane River	Columbia River	Lat 47°40'41", long 117°22'35", in NW¼SE¼, sec.9, T.25 N., R.43 E., Spokane County, Hydrologic Unit 17010305, on Upriver Drive, 0.6 mi downstream from Green Street bridge, and at Spokane.	4,220	--	09-14-04	1,060
Spokane River	Columbia River	Lat 47°40'52", long 117°27'20", in SE¼NE¼, sec.11, T.25 N., R.42 E., Spokane County, Hydrologic Unit 17010307, 200 ft south of Downriver Drive, 0.2 mi downstream from T.J. Menach Bridge on Fort George Wright Drive, and at Spokane.	4,980	--	09-14-04	1,030
Little Spokane River	Spokane River	Lat 47°47'52", long 117°22'53", in SE¼NW¼, sec.33, T.27 N., R.43 E., Spokane County, Hydrologic Unit 17010308, downstream from Little Spokane Drive bridge, and upstream from Deadman Creek.	--	--	09-14-04	99
Deadman Creek	Little Spokane River	Lat 47°47'40", long 117°22'34", in NW¼SE¼, sec.33, T.27 N., R.43 E., Spokane County, Hydrologic Unit 17010308, at Shady Slope Road bridge, and upstream from confluence with Little Spokane River.	--	--	09-14-04	10
Deadman Creek (south distributary)	Little Spokane River	Lat 47°47'34", long 117°22'34", in NW¼SE¼, sec.33, T.27 N., R.43 E., Spokane County, Hydrologic Unit 17010308, at Shady Slope Road bridge, and upstream from confluence with Little Spokane River.	--	--	09-14-04	0.14

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
SPOKANE RIVER BASIN—Continued						
North Fork Little Deep Creek	Little Deep Creek	Lat 47°53'21", long 117°14'43", in SW¼SE¼, sec.28, T.26 N., R.44 E., Spokane County, Hydrologic Unit 17010308, 150 ft upstream from Black Road, and 5 mi east of Chattaroy.	--	--	04-14-04	1.8
Little Deep Creek	Deadman Creek	Lat 47°47'50", long 117°22'38", in SW¼NE¼, sec.33, T.27 N., R.43 E., Spokane County, Hydrologic Unit 17010308, downstream from Shady Slope Road bridge, and upstream from confluence with Deadman Creek.	--	--	09-14-04	0.67
Little Spokane River	Spokane River	Lat 47°47'24", long 117°23'57", in SE¼SW¼, sec.32, T.27 N., R.43 E., Spokane County, Hydrologic Unit 17010308, downstream from foot bridge, and at Pine River Park.	660	--	09-14-04	105
12431100 Dartford Creek (formerly Little Creek)	Little Spokane River	Lat 47°47'06", long 117°24'59", in NW¼NE¼, sec.6, T.26 N., R.43 E., Spokane County, Hydrologic Unit 17010308 upstream from Hazard Road bridge, and near mouth.	11.9	1948-49 1964-65 1967-68 1975-76	09-14-04	2.4
Little Spokane River	Spokane River	Lat 47°46'11", long 117°27'10", in NE¼NE¼, sec.11, T.26 N., R.42 E., Spokane County, Hydrologic Unit 17010308, at Waikiki Road/Rutter Parkway bridge, and 1.9 mi southwest of Dartford.	691	1953 1955-58 1960-70 1973 1977 1997	09-15-04	302
12432000 Little Spokane River	Spokane River	Lat 47°46'59", long 117°31'43", in SE¼NW¼, sec.5, T.26 N., R.42 E., Spokane County, Hydrologic Unit 17010308, at State Hwy 291 crossing, 5.3 mi west of Dartford, and 1.1 mi upstream from mouth.	700	1903-05 1912 1913-14‡ 1920-21 1923-24 1930-32 1947-48 1953 1955-58 1960-73 1977-84	09-15-04	349
12433100 Chamokane Creek	Spokane River	Lat 47°59'41", long 117°43'31", in SE¼SW¼, sec.23, T.29 N., R.40 E., Stevens County, Hydrologic Unit 17010307, Spokane Indian Reservation, on right bank downstream wingwall of county road bridge, and 4.3 mi south of Springdale.	99.9	1973-78‡ 1979 2002-03	02-26-04 05-12-04 07-06-04 09-08-04	34 4.7 0 0

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BTW WENATCHEE RIVER AND CRAB CREEK BASINS						
12464606 Sand Hollow Creek	Columbia River	Lat 46°55'46", long 119°53'55", in SE¼SE¼, sec.26, T.17 N., R.23 E., Grant County, Hydrologic Unit 17020010, at S Road SW road crossing, 3 mi east of junction of State Routes 243 and 26, 4 mi east of Vantage, and at mile 3.	--	--	07-29-02	79 _a
12464607 Sand Hollow Creek	Columbia River	Lat 46°55'46", long 119°57'01", in SW¼SE¼, sec.28, T.16 N., R.26 E., Grant County, Hydrologic Unit 17020010, 0.4 mi east of junction of State Routes 243 and 26, 2 mi east of Vantage, and at mile 0.4.	--	--	09-23-02 02-04-03 04-07-03 05-06-03 07-01-03 10-06-03 02-03-04 05-06-04 06-08-04 07-07-04	101 _a 23 _a 141 _a 90 _a 80 _a 113 26 94 115 132
CRAB CREEK BASIN						
12470500 Rocky Ford Creek	Moses Lake	Lat 47°18'46", long 119°26'40", in SW¼SW¼, sec.16, T.21 N., R.27 E., Grant County, Hydrologic Unit 17020015, on right bank, 1.4 mi downstream from source at Rocky Ford Springs, 5.0 mi east of Ephrata, and 6.3 mi upstream from mouth.	458 _b	1909-12‡ 1942-91‡ 1992-2000 2002	06-21-04 07-10-04 08-12-04	36 41 43
12470600 Rocky Ford Creek	Moses Lake	Lat 47°15'42", long 119°27'17", in SW¼NE¼, sec.5, T.20 N., R.27 E., Grant County, Hydrologic Unit 17020015, at State Road 17 bridge, 6.0 mi southeast of Ephrata, and 1.8 mi upstream from mouth.	466 _b	1901 1909-12‡ 1912 1914 1968 1973-75 1992-2003	10-10-03 12-12-03 02-05-04 04-15-04	47 40 33 31
12471400 Lind Coulee Wasteway	Crab Creek	Lat 47°00'20", long 119°08'57", in NW¼SW¼, sec.35, T.18 N., R.29 E., Grant County, Hydrologic Unit 17020015, 0.8 mi downstream from State Route 17 road crossing, and 5 mi northwest of Warden.	703	1993-95‡ 1997-2001‡ 2003	07-30-02 09-24-02 02-05-03 04-09-03 05-07-03 07-02-03 02-04-04 04-07-04 06-09-04 07-08-04	253 _a 211 _a 62 _a 313 _a 280 _a 335 _a 58 310 355 257

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
CRAB CREEK BASIN—Continued						
12472520 Red Rock Coulee	Crab Creek	Lat 46°51'20", long 119°35'48", in SW¼, sec.20, T.16 N., R.26 E., Grant County, Hydrologic Unit 17020015, at county road crossing, 3 mi northeast of Smyrna, and at mile 0.8.	--	--	07-29-02	55 _a
					09-23-02	91 _a
					02-04-03	60 _a
					04-07-03	43 _a
					05-06-03	84 _a
					07-02-03	60 _a
					10-07-03	85
					02-04-04	56
					04-07-04	56
06-09-04	83					
07-08-04	87					
YAKIMA RIVER BASIN						
12477300 Yakima River	Columbia River	Lat 47°12'56", long 121°05'28", in SE¼NE¼, sec.21, T.20 N., R.14 E., Kittitas County, Hydrologic Unit 17030001, 0.4 mi downstream from Big Creek, 4.3 mi southeast of Easton, and at mile 195.4.	--	2001	05-12-04	435
					06-16-04	393
					08-30-04	294
12483585 Yakima River	Columbia River	Lat 46°55'51", long 120°31'04", in NE¼SE¼, sec.25, T.17 N., R.18 E., Kittitas County, Hydrologic Unit 17030001, 0.25 mi west of Thrall, and at mile 148.5.	--	--	06-22-04	2,100
12487000 Yakima River	Columbia River	Lat 46°37'54", long 120°31'22", in SE¼NW¼, sec.12, T.13 N., R.18 E., Yakima County, Hydrologic Unit 17030001, 0.4 mi upstream from Naches River, and at mile 116.8.	2,130	1897 1897-1898‡ 1903-04 1904-05‡ 1910-13 1911-12‡	07-26-04	1,970
Naches River	Yakima River	Lat 46°58'23", long 121°05'42", in NW¼SE¼, sec.9, T.17 N., R.14 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, at Sawmill Flat Campground, and at mile 43.5.	--	--	08-29-02	349 _a
Naches River	Yakima River	Lat 46°54'02", long 121°01'02", in SE¼SE¼, sec.1, T.16 N., R.14 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, at Bureau of Reclamation gaging station, and at mile 36.0.	--	--	08-29-02	366 _a
12492500 Tieton River	Naches River	Lat 46°40'14", long 121°00'00", in NE¼SW¼, sec.30, T.14N., R.15 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, 1,000 ft downstream from headworks of Tieton Canal, 7.1 mi downstream from Tieton Dam, and at mile 14.2.	239	1906-78‡ 1979	08-28-02	270 _a

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
YAKIMA RIVER BASIN—Continued						
Tieton River	Naches River	Lat 46°41'19", long 120°55'38", in SW¼NW¼, sec.23, T.14N., R.15 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, and at mile 10.1.	--	--	08-28-02	259 _a
Tieton River	Naches River	Lat 46°42'50", long 120°52'07", in NE¼SE¼, sec.7, T.14 N., R.16 E., Yakima County, Hydrologic Unit 14030002, Snoqualmie National Forest, and at mile 5.6.	--	--	08-28-02	256 _a
Tieton River	Naches River	Lat 46°43'22", long 120°48'48", in NE¼NW¼, sec.10, T.14 N., R.16 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, 500 ft upstream from Oak Creek, and at mile 2.3.	--	--	08-28-02	251 _a
Oak Creek	Tieton River	Lat 46°43'27", long 120°48'47", in NW¼NE¼, sec.10, T.14 N., R.16 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, at U.S. Hwy 12, and at mouth.	30.6	1906-07 1967 1981	08-28-02	0.80 _a
12498690 Naches River	Yakima River	Lat 46°37'56", long 120°35'15", in SE¼NW¼, sec.9, T.13 N. R.18 E., Yakima County, Hydrologic Unit 17030002, at Powerhouse Road crossing, 400 ft upstream from U.S. Hwy 12 crossing, and 3.0 mi southwest of Selah.	--	--	05-13-04 06-15-04 07-22-04	2,030 1,780 489
Yakima River	Columbia River	Lat 46°23'50", long 120°16'42", SW¼NE¼, sec.35, T.11 N., R.20 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, 1 mi southwest of Zillah, and at mile 91.	--	--	07-27-04	330
12505437 Yakima River	Columbia River	Lat 46°20'45", long 120°12'17", in NW¼NW¼, sec.21, T.10 N., R.21 E., Yakima County, Hydrologic Unit 17030003, 0.7 mi upstream from State Route 223 crossing, at Granger, and at mile 83.7.	--	--	06-23-04 09-03-04	427 600
Yakima River	Columbia River	Lat 46°20'16", long 120°11'54", in NW¼SE¼, sec.21, T.10 N., R.21 E., Yakima County, Hydrologic Unit 17030003, at west edge of Granger, and at mile 83.0.	--	--	07-27-04	442
12507585 Yakima River	Columbia River	Lat 46°15'54", long 120°05'37", in NW¼SW¼, sec.17, T.9 N., R.22 E., Yakima County, Hydrologic Unit 17030003, 6.2 mi southwest of Sunnyside, and at mile 72.0.	--	2003	07-27-04	649
1250862120 McBride Lake Inflow	McBride Lake	Lat 46°16'28", long 120°07'20", in SW¼SW¼, sec.7, T.9 N., R.22 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, Satus Wildlife Refuge, 1.3 mi east of Satus, and at northeast shore of McBride Lake.	--	--	09-11-02 07-10-03 09-11-03 12-23-03	9.1 _a 6.2 _a 6.7 _a 3.9

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

[--, No data or undetermined; ‡, Operated as a continuous-record gaging site; a, Not previously published; b, 446 square miles in the vicinity of Banks and Soap Lakes is noncontributing; c, Operated as a crest-stage gage]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
YAKIMA RIVER BASIN—Continued						
1250862140 McBride Lake Outflow	Teal Lake	Lat 46°16'16", long 120°06'57", in NE¼NW¼, sec.18, T.9 N., R.22 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, Satus Wildlife Refuge, and at south shore of McBride Lake.	--	--	09-10-02	1.0 _a
					07-10-03	0.40 _a
					09-11-03	0.70 _a
1250862240 Teal Lake Outflow	Yakima River	Lat 46°15'55", long 120°06'43", in NW¼SE¼, sec.18, T.9 N., R.22 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, 20 ft below culvert draining Teal Lake, 1.8 mi east of Satus, and 500 ft upstream from mouth.	--	--	09-10-02	1.9 _a
					07-01-03	0.02 _a
					09-12-03	0.03 _a
12508602 Satus Creek	Yakima River	Lat 46°16'24", long 120°08'48", in NE¼NE¼, sec.14, T.9 N., R.21 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, 20 ft upstream from North Drain, 0.2 mi northeast of Satus, and at mile 3.2.	--	--	09-10-02	33 _a
					07-09-03	63 _a
					09-10-03	27 _a
12508605 North Drain	Satus Creek	Lat 46°17'27", long 120°08'56", in SE¼SE¼, sec.2, T.9 N., R.21 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, on north side of Drain Back Road, 0.1 mi north of Satus Longhouse, 1.4 mi north of Satus, and at mile 1.3.	--	--	09-09-02	31 _a
					07-09-03	29 _a
					09-10-03	15 _a
					12-23-03	1.7
12508608 Unnamed Drain	Satus Creek	Lat 46°16'26", long 120°08'43", in NW¼NW¼, sec.13, T.9 N., R.21 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, on east side of North Satus Road, and 0.3 mi northeast of Satus.	--	--	07-09-03	1.1 _a
					09-10-03	4.1 _a
12508609 North Drain	Satus Creek	Lat 46°16'27", long 120°08'45", in NE¼NE¼, sec.14, T.9 N., R.21 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, 0.3 mi NE of Satus, and 200 ft upstream from mouth.	--	--	09-09-02	40 _a
					07-09-03	42 _a
					09-10-03	27 _a
12508620 Satus Creek	Yakima River	Lat 46°16'26", long 120°08'32", in NW¼NW¼, sec.13, T.9 N., R.21 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, at Yakama Nation gaging stations, 0.4 mi northeast of Satus, and at mile 3.	--	--	09-10-02	78 _a
					07-10-03	109 _a
					09-11-03	61 _a
Yakima River	Columbia River	Lat 46°14'12", long 120°02'22", in NW¼SW¼, sec.26, T.9 N., R.22 E., Yakima County, Hydrologic Unit 17030003, Yakama Nation lands, 1 mi upstream from Sulphur Creek Wasteway, and at mile 61.9.	--	--	07-28-04	742

Discharge Measurements Made at Miscellaneous Sites During Water Year 2004—Continued

[--, No data or undetermined; ‡, Operated as a continuous-record gaging site; a, Not previously published; b, 446 square miles in the vicinity of Banks and Soap Lakes is noncontributing; c, Operated as a crest-stage gage]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
YAKIMA RIVER BASIN—Continued						
12509050 Yakima River	Columbia River	Lat 46°13'01", long 119°55'00", in SE¼SE¼, sec.34, T.9 N., R.23 E., Yakima County, Hydrologic Unit 17030003, at Euclid Road bridge, 1.2 mi south of Grandview, and at mile 55.0.	5,400	1987-90‡	07-28-04	894
Yakima River	Columbia River	Lat 46°18'06", long 119°19'52", in SE¼SE¼, sec.32, T.10 N., R.28 E., Benton County, Hydrologic Unit 17030003, 0.5 mi upstream from Van Giesen Road bridge, and at mile 8.8.	--	--	07-29-04	627
SNAKE RIVER BASIN						
13349850 Rock Creek	Palouse River	Lat 47°04'25", long 117°56'03", in NW¼NW¼, sec.8, T.18 N., R.39 E., Whitman County, Hydrologic Unit 17060109, at Whitman County road bridge, and 0.5 mi southwest of Revere.	--	2001-03	01-30-04 05-07-04 06-15-04 07-22-04 08-16-04	106 49 44 6.1 0
13349860 Rock Creek	Palouse River	Lat 47°03'34", long 117°57'59", in NW¼NE¼, sec. 13, T.18 N., R.38 E., Whitman County, Hydrologic Unit 17060108, at Whitman County road bridge, and 2.4 mi southwest of Revere.	--	2002-03	01-30-04 05-07-04 06-15-04 07-22-04 08-16-04	114 58 56 19 8.5
WALLA WALLA RIVER BASIN						
14012990 Mill Creek	Walla Walla River	Lat 45°59'24", long 118°02'58", unsurveyed, T.6 N., R.38 E., Umatilla County, Hydrologic Unit 17070102, 600 ft downstream from City of Walla Walla intake, and at mile 25.3.	--	1924 1988-89 1994 1996-2001	09-04-02 08-19-03 08-27-04	13 _a 20 _a 30
BTW WHITE SALMON RIVER AND LEWIS RIVER BASINS						
Salmon Creek	Lake River	Lat 45°45'49", long 122°29'58", in SE¼SE¼, sec.2, T.4 N., R.2 E., Clark County, Hydrologic Unit 17080001, and 30 ft downstream from the NE 167th Avenue bridge.	22.7	1951	03-11-03 01-15-04 03-08-04 05-05-04 06-30-04 08-16-04	2.2 213 105 14 14 3.4
LEWIS RIVER BASIN						
Rock Creek	Lewis River	Lat 45°51'22", long 122°31'06", in NE¼NE¼, sec.12, T.3 N., R.2 E., Clark County, Hydrologic Unit 17080002, at washed out bridge, and near NE 319th St. and Hwy 503.	10.1	1987-88	11-03-03 01-15-04 03-08-04 05-05-04 06-30-04 08-16-04	0.58 85 43 5.4 4.7 0.35