

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 2003

[--, No data or undetermined; ‡, Operated as a continuous-record gaging site; a, Gage height shown is at NGVD of 1929;
b, From crest-stage gage. Station operated Oct. 15 to Apr. 15; †, Based on datum in affect at that time.]

Station name and number	Location of drainage area	Period of record	Water year 2003 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (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, 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‡ 1997-2003	01-31-03	54.75a,	21,000	02-09-96	61.15a	41,500
SNOHOMISH RIVER BASIN								
Snoqualmie River at Duvall (12150400)	Lat 47°44'36", long 121°59'12", in SW 1/4 NW 1/4 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 .	2001-2003	02-01-03	39.54a	--	04-15-02	39.75 a	--
PEND OREILLE RIVER BASIN								
Calispell Creek near Dalkena (12396000)	Lat 48°14'40", long 117°20'26", in NE 1/4 SW 1/4 sec.26, T.32N, R.43E., 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‡ 1974-2003	03-22-03	9.02	721	01-15-74	14.38	3,190
Farrier Coulee near Schrag (12471270)	Lat 47°07'33", long. 118°50'17", in SW1/4 NE1/4, sec. 19, T.19N R.32E., Adams County, on leftbank 3.8 mi (6.1 km) upstream from confluence with Bauer Coulee, and 3.7 mi (5.0 km) north of Schrag. Drainage area is 42.0 mi ² .	1963-74‡ 1975-79 2002	--	--	--	01-16-71	10.36†	1,450

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003

[--, No data or undetermined; ‡, operated as a continuous-record gaging site; a, Estimate; b, not previously published; c, operated as a crest-stage gate; d, data provided by Bureau of Reclamation]

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 2000-02	08-20-03	6.0a
Chehalis River	Grays Harbor	Lat 46°58'44", long 123°28'36", in NW¼NE¼ sec.7, T. 17 N., R. 6 W., Grays Harbor County, Hydrologic Unit 17100104, and 0.1 mi upstream from Fuller Bridge.	--	2001	03-14-03	19,700
QUILCENE RIVER BASIN						
12051900 Little Quilcene River	Quilcene Bay	Lat 47°52'30", long 122°57'30", in NW¼SE¼ sec.32, T. 28 N., R. 2 W., Clallam County, Hydrologic Unit 17110018, downstream from diversion dam, and 5.3 mi northwest of Quilcene.	--	1992-2002	10-03-02 12-05-02 02-19-03 05-09-03 06-17-03 09-16-03	7.2 5.3 8.6 22 13 6.6
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	1993-2002	10-02-02 12-05-02 02-20-03 05-08-03 07-18-03 09-17-03	18 18 65 71 47 21
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.	--	2001-02	06-02-03 06-27-03 07-18-03 08-19-03	513 459 500 344
BETWEEN 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.	--	2000-02	11-21-02 08-13-03	7.2 8.0
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, at Carbon Glacier Road bridge.	--	1999-2000 2002	02-04-03	57
BETWEEN SNOHOMISH RIVER AND STILLAGUAMISH RIVER BASINS						
12157000 Quilceda Creek	Ebey Slough	Lat 48°06'18", long 122°09'42", in NE¼NE¼ sec.9, T. 30 N., R. 5 E., Snohomish County, Hydrologic Unit 17110011, 50 ft downstream from Middle Fork, and 3.5 mi north of Marysville.	15.4	1946-69‡ 1975-77 2001-02	10-23-02 11-19-02 12-17-02 01-28-03 02-20-03 03-18-03	4.7 7.7 33 38 27 29
12157020 West Fork Quilceda Creek	Quilceda Creek	Lat 48°06'03", long 122°11'05", in SE¼NE¼ sec.8, T. 30 N., R. 5 E., Snohomish County, Hydrologic Unit 17110011, 200 ft north of county road, and 0.5 mi west of Kruse.	9.41	1946-47‡ 1957 1959-60 1975-77 1985-86 1985-86‡ 2001-02	10-23-02 11-19-02 12-17-02 01-28-03 02-20-03 03-18-03	1.5 2.6 18 27 16 23

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

[--, No data or undetermined; ‡, operated as a continuous-record gaging site; a, Estimate; b, not previously published; c, operated as a crest-stage gate; d, data provided by Bureau of Reclamation]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BETWEEN SNOHOMISH RIVER AND STILLAGUAMISH RIVER BASINS						
12157030	Quilceda	Lat 48°04'34", long 122°11'17", in NE¼NE¼	2.88	1975-77	10-23-02	0.52
Unnamed	Creek	sec.20, T. 30 N., R. 5 E., Snohomish County,		2001-02	11-19-02	0.54
Tributary		Hydrologic Unit 17110011, at road crossing at Boeing Test Facility perimeter boundary, 1.4 mi north of Marysville, and 0.8 mi upstream from mouth.			12-18-02	1.3
					01-28-03	3.2
					02-20-03	3.2
					03-18-03	2.7
12157035	Quilceda Creek	Lat 48°03'27", long 122°11'47", in NE¼SW¼	1.87	1975-77	10-15-02	0.60
Sturgeon Creek		sec.29, T. 30 N., R. 5 E., Snohomish County,		2001-02	02-20-03	1.8
		Hydrologic Unit 17110011, 0.6 mi west of Marysville, and 0.3 mi upstream from mouth.			03-19-03	1.6
12157140	Tulalip Bay	Lat 48°06'42", long 122°14'52", in SE¼SE¼ sec	.33	2001-02	10-23-02	0
Mission Creek below		2, T. 30N., R. 4 E, Snohomish County,			11-19-02	0
John Sam Lake		Hydrologic Unit 17110019, Tulalip Indian Reservation, at road crossing 200 ft west of lake outlet, and 3.6 mi northeast of Tulalip			12-17-02	0
					01-28-03	0
					02-20-03	0
					03-18-03	0
12157150	Tulalip Bay	Lat 48°05'08", long 122°14'50", in SW¼SW¼	1.34	1975-77	10-09-02	0.71
Mission Creek		sec.13, T. 30 N., R. 4 E., Snohomish County,		2001-02	11-19-02	0.86
		Hydrologic Unit 17110019, Tulalip Indian Reservation, 0.2 mi upstream from confluence with unnamed tributary, and 2.3 mi northeast of Tulalip.			12-16-02	1.6
					01-27-03	0.58
					02-18-03	0.88
					03-17-03	0.97
12157170	Mission Creek	Lat 48°05'00", long 122°14'58", in SE¼SE¼	1.33	1975-77	10-09-02	0.79
Unnamed Tributary		sec.14, T. 30 N., R. 4 E., Snohomish County,		2001-02	11-19-02	0.09a
		Hydrologic Unit 17110019, Tulalip Indian Reservation, 2.1 mi northeast of Tulalip, and 100 ft upstream from mouth.			12-16-02	0.10a
					01-27-03	0.74
					02-18-03	0.58
					03-17-03	0.79
12157210	Mission Creek	Lat 48°04'45", long 122°14'36", in NW¼NW¼	1.57	1975-77	10-09-02	0.33
Unnamed Tributary		sec.24, T. 30 N., R. 4 E., Snohomish County,		2001-02	11-19-02	0.40
		Hydrologic Unit 17110019, Tulalip Indian Reservation, at road crossing, and 2.4 mi northeast of Tulalip.			12-16-02	0.86
					01-27-03	0.90
					02-18-03	0.50
					03-17-03	0.61
Unnamed Spring	Mission Creek	Lat 48°03'27", long 122°14'19", in NE¼SW¼	--	1975	10-15-02	0.27
		sec.25, T. 30 N., R. 4 E., Snohomish County,		2001-02	11-20-02	0.19
		Hydrologic Unit 17110019, Tulalip Indian Reservation, 1.2 mi north of Priest Point Grange, and 2.4 mi northeast of Tulalip.			12-17-02	0.61
					01-27-03	0.48
					02-20-03	0.28
					03-19-03	0.29
12158001	Tulalip Bay	Lat 48°07'24", long 122°18'24", in NE¼NW¼	6.12	1946	10-23-02	0
Tulalip Creek		sec.4, T. 30 N., R. 4 E., Snohomish County,		1957	11-19-02	0
		Hydrologic Unit 17110019, Tulalip Indian Reservation, at Fire Trail Road, 0.3 mi southwest of Lake Shoecraft, and 4.0 mi north of Tulalip.		1972	12-17-02	0
				1974-77	01-28-03	1.4
				2001-02	02-20-03	1.4
					03-18-03	14
12158025	Tulalip Creek	Lat 48°06'47", long 122°15'45", in NE¼SW¼	0.80	1974-77	10-23-02	0
East Branch Tulalip Creek		sec.2, T. 30 N., R. 4 E., Snohomish County,		2001-02	11-19-02	0
		Hydrologic Unit 17110019, at old logging road, 400 ft upstream from Mary Shelton Lake, and 3.5 mi north of Tulalip.			12-17-02	0
					01-28-03	0
					02-20-03	0.09a
					03-18-03	0.62

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BETWEEN SNOHOMISH RIVER AND STILLAGUAMISH RIVER BASINS--Continued						
Unnamed Spring	Tulalip Creek	Lat 48°04'58", long 122°16'15", in NE¼SE¼ sec.15, T. 30 N., R. 4 E., Snohomish County, Hydrologic Unit 17110019, and 1.5 mi northeast of Tulalip.	--	1974-75 2001-02	10-09-02	0.15
					11-20-02	0.19
					12-18-02	0.17
					01-29-03	0.23
					02-20-03	0.19
					03-19-03	0.12
NOOKSACK RIVER BASIN						
12210800 Smith Creek	Nooksack River	Lat 48°51'21", long 122°17'38", in SW¼NE¼ sec.21, T. 39 N., R. 4 E., Whatcom County, Hydrologic Unit 17110004, and at Lind Road crossing.	--	--	07-18-02	0b
					10-16-02	0
					11-20-02	47
					01-14-03	39
					02-26-03	12
					03-26-03	25
					04-23-03	7.2
					05-14-03	2.4
					06-11-03	0
					07-09-03	0
		08-21-03	0			
		09-10-03	0			
		09-22-03	0			
12211000 Anderson Creek	Nooksack River	Lat 48°51'27", long 122°20'15", in SW¼NE¼ River sec.19, T. 39 N., R. 4 E., Whatcom County, Hydrologic Unit 17110004, and at Roberts Road crossing.	12.9	1948‡ 1954-55‡	07-18-02	1.0b
					10-16-02	0.53
					11-20-02	31
					01-14-03	50
					02-26-03	19
					03-26-03	39
					04-23-03	11
					05-14-03	4.9
					06-11-03	1.7
					07-09-03	1.0
		08-21-03	0.11			
		09-26-03	0.29			
12211480 Scott Creek	Nooksack River	Lat 48°55'06", long 122°25'12", in NE¼NE¼ sec.33, T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, and at Theil Road crossing.	--	--	09-09-02	2.3b
					10-16-02	2.2
					11-20-02	5.3
					01-15-03	6.6
					02-26-03	5.6
					03-26-03	5.6
					04-23-03	5.6
					05-14-03	4.4
					06-11-03	3.2
					07-10-03	2.1
		08-20-03	0.24			
		09-26-03	1.7			
12211490 Scott Creek	Nooksack River	Lat 48°55'08", long 122°27'50", in NE¼NE¼ sec.31, T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, and at Blyma Road crossing.	--	--	09-09-02	1.5b
					10-16-02	1.9
					11-21-02	39
					01-15-03	22
					02-26-03	17
					03-26-03	16
		04-23-03	19			
		05-14-03	12			

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITE

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
NOOKSACK RIVER BASIN--Continued						
12211950 Fishtrap Creek	Nooksack River	Lat 48°58'44", long 122°25'46", T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, on north line sec.9, and at Pangborn Road crossing.	--	--	10-17-02	3.0
					11-19-02	127
					01-16-03	37
					02-25-03	29
					03-25-03	53
					04-22-03	32
					05-13-03	18
					06-10-03	10
					07-08-03	4.7
					08-20-03	1.5
09-24-03	2.6					
12212000 Fishtrap Creek	Nooksack River	Lat 48°57'52", long 122°25'49", T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, on north line sec.16, at State Hwy 546 crossing, and at mile 6.9.	22.3	1948-71‡ 1973 1979-81	09-10-02	2.8b
					10-17-02	1.8
					11-22-02	37
					01-16-03	37
					02-25-03	30
					03-25-03	54
					04-22-03	29
					05-13-03	17
					06-10-03	11
					07-08-03	5.4
08-20-03	1.2					
09-24-03	1.8					
12212030 Fishtrap Creek	Nooksack River	Lat 48°56'46", long 122°27'32", in SW¼NW¼ sec.20, T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, at E. Main St crossing, and at Lynden.	--	--	09-10-02	3.4b
					10-17-02	2.1
					11-19-02	174
					01-16-03	52
					02-25-03	43
					03-25-03	76
					04-22-03	42
					05-13-03	25
					06-10-03	14
					07-08-03	6.5
08-20-03	1.7					
09-24-03	2.1					
12212035 Pepin Creek (East)	Fishtrap Creek	Lat 48°56'52", long 122°28'24", in NW¼NE¼ sec.19, T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, at east side of Double Ditch Road, approximately 200 ft north of E. Main St, and at Lynden.	--	--	09-10-02	1.4b
					10-17-02	1.6
					11-19-02	25
					01-16-03	8.3
					02-25-03	4.6
					03-25-03	11
					04-22-03	6.3
					05-13-03	3.7
					06-10-03	3.2
					07-08-03	1.6
08-06-03	0					
08-20-03	0					
09-24-03	0.65					

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
NOOKSACK RIVER BASIN--Continued						
12212040 Pepin Creek	Fishtrap Creek	Lat 48°56'48", long 122°28'07", in SW¼NE¼ sec.19, T. 40 N., R. 3 E., Whatcom County, Hydrologic Unit 17110004, at E. Main St crossing, and at Lynden.	--	--	09-10-02	1.6b
					10-17-02	1.6
					11-19-02	36
					01-16-03	16
					02-25-03	12
					03-25-03	23
					04-22-03	13
					05-13-03	6.8
					06-10-03	4.5
					07-08-03	1.6
					08-06-03	0
08-20-03	0					
09-24-03	0.52					
12212400 Bertrand Creek	Nooksack River	Lat 48°59'36", long 122°30'34", in SE¼SE¼ sec.35, T. 41 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, at "H" Street road crossing, and 3.6 mi northwest of Lynden.	--	1979-81	07-18-02	2.0b
					09-12-02	1.0b
					10-15-02	1.2
					11-20-02	218
					01-15-03	47
					02-24-03	32
					03-24-03	112
					04-21-03	24
					05-12-03	7.4
					06-09-03	2.7
					07-10-03	1.3
08-19-03	0.67					
09-23-03	1.1					
12212480 Bertrand Creek	Nooksack River	Lat 48°56'08", long 122°32'08", in NW¼NE¼ sec.27, T. 40 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, at Birch Bay-Lynden Road, and 3.0 mi west of Lynden.	34.5	1942-43 1954-55	07-18-02	6.6b
					09-12-02	6.6 _b
					10-15-02	7.2
					01-15-03	77
					02-24-03	52
					04-21-03	50
					05-12-03	26
					06-09-03	13
					07-10-03	5.4
					08-19-03	1.9
					09-23-03	6.6
12212500 Bertrand Creek	Nooksack River	Lat 48°55'27", long 122°31'39", T. 40 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, on east line sec.27, and at Rathbone Road crossing.	40.3	1948‡ 1948-49 1951 1954-55‡ 1955-56 1958-59 1967 1979-81	07-18-02	6.8b
					09-12-02	6.2b
					10-15-02	7.4
					11-20-02	283
					01-15-03	88
					02-24-03	55
					03-24-03	191
					04-21-03	55
					05-12-03	28
					06-09-03	11
					07-10-03	3.4
08-19-03	1.9					
09-23-03	7.7					

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements						
					Date	Discharge (ft ³ /s)					
NOOKSACK RIVER BASIN--Continued											
12212950 Tenmile Creek	Nooksack River	Lat 48°51'45", long 122°30'51", T. 39 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, on north line sec.23, and at Hemmi Road crossing.	--	--	09-09-02	3.6b					
					10-17-02	6.0					
					11-21-02	14					
					01-15-03	44					
					02-27-03	26					
					03-27-03	30					
					04-24-03	34					
					05-15-03	16					
					06-12-03	8.4					
					07-09-03	5.4					
12213030 Deer Creek	Tenmile Creek	Lat 48°50'43", long 122°32'42", in NE¼NW¼ sec.27, T. 39 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, and at Judy Way roadcrossing.	--	--	09-11-02	1.1b					
					10-18-02	0.96					
					11-20-02	1.7					
					01-15-03	5.6					
					02-26-03	5.5					
					03-27-03	9.1					
					04-24-03	14					
					05-15-03	3.9					
					06-11-03	2.2					
					07-07-03	1.5					
12213050 Tenmile Creek	Nooksack River	Lat 48°51'13", long 122°34'20", in NE¼SE¼ sec.20, T. 39 N., R. 2 E., Whatcom County, Hydrologic Unit 17110004, and at Barrett Road crossing.	34.1	1954 1979-81	09-11-02	5.2b					
					10-17-02	7.5					
					11-21-02	33					
					01-15-03	59					
					02-26-03	43					
					03-27-03	45					
					04-24-03	44					
					05-15-03	22					
					06-12-03	11					
					07-09-03	7.2					
BETWEEN NOOKSACK RIVER BASIN AND CANADIAN BORDER					08-21-03	2.6					
					09-23-03	7.4					
					12213500 California Creek	Drayton Harbon	Lat 48°55'18", long 122°39'33", in SE¼SE¼ sec.27, T. 40 N., R. 1 E., Whatcom County, Hydrologic Unit 17110002, and at Valley View Road crossing.	6.85	1942-43 1954-55‡ 1955 1958 1979-81	09-11-02	1.3b
										10-18-02	1.3
										11-21-02	15
										01-16-03	16
										02-26-03	11
										03-25-03	21
										04-22-03	10
										05-14-03	4.5
06-12-03	3.0										
07-11-03	1.6										
08-22-03	0.89										
09-25-03	0.78										

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

[--, No data or undetermined; ‡, operated as a continuous-record gaging site; a, Estimate; b, not previously published; c, operated as a crest-stage gate; d, data provided by Bureau of Reclamation]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
BETWEEN NOOKSACK RIVER BASIN AND CANADIAN BORDER--Continued						
12213980	Dakota Creek	Lat 48°57'04", long 122°38'12", in SE¼SE¼	7.92	1948-49	07-19-02	0.75b
North Fork Dakota Creek		sec.14, T. 40 N., R. 1 E., Whatcom County, Hydrologic Unit 17110002, at Custer School Road crossing, and 2.2 mi north of Custer.		1954-56	09-12-02	1.0b
				1958-59	10-16-02	0.96
				1979-81	11-21-02	6.9
					01-14-03	22
					02-26-03	7.5
					03-27-03	31
					04-24-03	42
					05-15-03	2.9
					06-12-03	1.1
					07-11-03	0.73
					08-22-03	0.54
	09-25-03	0.85				
12214000	Drayton Harbor	Lat 48°57'25", long 122°39'30", in NW¼SW¼	18.4	1948-55‡	07-19-02	2.1b
Dakota Creek		sec.14, T. 40 N., R. 1 E., Whatcom County, Hydrologic Unit 17110002, at Behme Road crossing, 4.8 mi southeast of Blaine, and 4.5 mi upstream from mouth.		1954-56	09-12-02	1.5b
				1958-59	10-16-02	1.7
				1967	11-21-02	14
				1973	01-14-03	48
				1979-81	02-26-03	18
					03-27-03	52
					04-24-03	68
					05-15-03	7.8
					06-12-03	3.5
					07-11-03	1.9
					08-22-03	1.1
	09-25-03	1.8				
12214050	Drayton Harbon	Lat 48°57'47", long 122°40'51", in NW¼NW¼	--	--	07-19-02	3.2b
Dakota Creek		sec.15, T. 40 N., R. 1 E., Whatcom County, Hydrologic Unit 17110002, and at Giles Road crossing.			09-12-02	2.2b
					10-16-02	2.3
					11-21-02	17
					01-15-03	43
					02-26-03	22
					03-27-03	60
					04-24-03	80
					05-15-03	11
					06-12-03	4.4
					07-11-03	2.6
					08-22-03	1.4
09-25-03	1.9					
12214900	Sumas River	Lat 48°59'34", long 122°16'00", in SE¼SE¼	--	--	07-17-02	11b
Johnson Creek		sec.34, T. 41 N., R. 4 E., Whatcom County, Hydrologic Unit 17110001, at State Hwy 9 crossing, and at Sumas.			10-16-02	6.9
					11-20-02	33
					01-14-03	63
					02-26-03	37
					03-26-03	48
					04-23-03	40
					05-14-03	27
					06-11-03	18
					07-09-03	12
					08-21-03	6.7
					09-26-03	9.8

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

[--, No data or undetermined; ‡, operated as a continuous-record gaging site; a, Estimate; b, not previously published; c, operated as a crest-stage gate; d, data provided by Bureau of Reclamation]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
PEND OREILLE RIVER BASIN						
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 1976-83 1974- 2001c	10-08-01	9.2b
					02-05-02	39b
					02-25-02	81b
					04-16-02	700b
					10-09-02	11
					01-28-03	119
					03-15-03	378
04-21-03	176					
08-26-03	4.6					
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 1993-2001	05-24-02	289b
					08-28-02	6.5b
					10-14-02	5.6
					05-29-03	301
COLVILLE RIVER BASIN						
Bulldog Creek	Colville River	Lat 48°09'23", long 117°42'51", in NE¼SE¼ sec.26, T. 31 N., R. 40 E., Stevens County, Hydrologic Unit 17020003, at SR 232, and 1.1 mi upstream from mouth.	--	2001	08-16-02	4.6b
Bulldog Creek	Colville River	Lat 48°10'06", long 117°43'42", in SE¼SW¼ sec.23, T. 31 N., R. 40 E., Stevens County, Hydrologic Unit 17020003, at Valley, and at mouth.	--	2001	08-16-02	8.0b
Colville River	Franklin D. Roosevelt Lake	Lat 48°16'43", long 117°44'54", in NE¼NW¼ sec.15, T. 32 N., R. 40 E., Stevens County, Hydrologic Unit 17020003, at county road 2516, and at Chewelah.	--	2001	04-17-02	757b
12408000 Colville River	Franklin D. Roosevelt Lake	Lat 48°19'12", long 117°49'06", in SW¼NW¼ sec.31, T. 33 N., R. 40 E., Stevens County, Hydrologic Unit 17020003, upstream from county road bridge, just downstream from mouth of Blue Creek, and at Bluecreek.	428	1923-24‡ 1926 1957-77 1958-59 1960-65‡ 1979‡ 1980-89 2001	04-17-02	707b
Colville River	Franklin D. Roosevelt Lake	Lat 48°35'01", long 118°03'37", in SW¼SW¼ sec.29, T. 36 N., R. 38 E., Stevens County, Hydrologic Unit 17020003, and 1.8 mi upstream from mouth.	--	--	08-16-02	59b
SPOKANE RIVER BASIN						
12422990 Hangman Creek	Spokane River	Lat 47°12'10", long 117°02'23", T. 20 N., R. 46 E., Whitman County, Hydrologic Unit 17010306, at county road bridge, and 2 mi southeast of Tekoa.	--	1995-2001	02-12-02 02-24-02 05-23-02 05-31-02	85b 1,870b 91b 23b
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	03-12-02 04-22-02 08-01-02 08-19-02 10-04-02 12-06-02 03-18-03 06-24-03 08-18-03	139b 113b 0b 0b 0 4.5 314 2.4 0

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
ENTIAT RIVER BASIN						
Entiat River	Columbia River	Lat 47°59'23", long 120°34'47", in NE¼NW¼ sec.27, T. 29 N., R. 18 E., Chelan County, Hydrologic Unit 17020010, and 500 ft upstream from U.S. Forest Service North Fork gage.	--	--	09-25-02	48b
Entiat River	Columbia River	Lat 47°59'05", long 120°34'19", in SE¼NE¼ sec.27, T. 29 N., R. 18 E., Chelan County, Hydrologic Unit 17020010, and approximately 300 ft upstream from U.S. Forest Service Entiat Falls gage.	--	--	09-25-02	52b
Entiat River	Columbia River	Lat 47°57'55", long 120°32'57", in NE¼SE¼ sec.35, T. 29 N., R. 18 E., Chelan County, Hydrologic Unit 17020010, at road bridge, and 0.1 mi west and upstream from Jungle Creek.	--	--	09-25-02	54b
Entiat River	Columbia River	Lat 47°56'19", long 120°31'24", in SW¼SW¼ sec.12, T. 28 N., R. 18 E., Chelan County, Hydrologic Unit 17020010, and 600 ft upstream from Box Canyon Falls.	--	--	09-25-02	58b
Entiat River	Columbia River	Lat 47°51'17", long 120°25'08", in NW¼SW¼ sec.11, T. 27 N., R. 19 E., Chelan County, Hydrologic Unit 17020010, and at Dill Creek bridge.	--	--	09-25-02	67b
Entiat River	Columbia River	Lat 47°48'36", long 120°24'28", in SE¼SW¼ sec.26, T. 27 N., R. 19 E., Chelan County, Hydrologic Unit 17020010, and upstream from Gray Canyon.	--	--	09-26-02	72b
Entiat River	Columbia River	Lat 47°47'52", long 120°24'07", in NW¼SE¼ sec.35, T. 27 N., R. 19 E., Chelan County, Hydrologic Unit 17020010, and downstream from McKenzie Irrigation Diversion.	--	--	09-26-02	63b
Entiat River	Columbia River	Lat 47°46'29", long 120°22'47", in NE¼NE¼ sec.12, T. 26 N., R. 19 E., Chelan County, Hydrologic Unit 17020010, at Smalls Bridge, and downstream from McKenzie Canyon.	--	--	09-25-02	86b
Entiat River	Columbia River	Lat 47°45'07", long 120°21'58", in NW¼SE¼ sec.18, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and upstream from Mud Creek.	--	--	09-25-02	82b
Entiat River	Columbia River	Lat 47°44'27", long 120°21'52", in SE¼NE¼ sec.19, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and below Steliko Canyon.	--	--	09-25-02	83b
Mad River	Entiat River	Lat 47°44'56", long 120°23'35", in SE¼SW¼ sec.13, T. 26 N., R. 19 E., Chelan County, Hydrologic Unit 17020010, and upstream from Tillicum Creek.	--	--	09-26-02	18b
Mad River	Entiat River	Lat 47°44'22", long 120°22'51", in SW¼NW¼ sec.19, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and 0.5 mi northwest of Ardenvoir.	--	--	09-26-02	25b
Mad River	Entiat River	Lat 47°44'11", long 120°21'48", in NE¼SE¼ sec.19, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and 200 ft upstream from mouth.	--	1912 1970 1973 1977	09-26-02	22b

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

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Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements	
					Date	Discharge (ft ³ /s)
ENTIAT RIVER BASIN--Continued						
Entiat River	Columbia River	Lat 47°43'50", long 120°21'09", in NW¼NE¼ sec.29, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and 0.5 mi east of Ardenvoir post office.	--	--	09-25-02	96b
Entiat River	Columbia River	Lat 47°42'53", long 120°20'05", in NE¼NW¼ sec.33, T. 26 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and upstream from Ringstead Canyon.	--	--	09-26-02	98b
Entiat River	Columbia River	Lat 47°40'53", long 120°18'47", in SW¼NE¼ sec.10, T. 25 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and downstream from Dissmore Canyon.	--	--	09-26-02	98b
Entiat River	Columbia River	Lat 47°40'20", long 120°18'14", in SW¼SW¼ sec.11, T. 25 N., R. 20 E., Chelan County, Hydrologic Unit 17020010, and at Dinkelman Canyon.	--	--	09-26-02	117b
CRAB CREEK BASIN						
Rocky Coulee	Crab Creek	Lat 47°11'05", long 119°08'57", in SE¼NE¼ sec.34, T. 20 N., R. 29 E., Grant County, Hydrologic Unit 17020015, at downstream side of Road P southeast, and 3.5 mi northeast of Wheeler.	165		09-08-03	0
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 at Moses Lake.	458	1909-12‡ 1949-91‡ 1992-2000	08-01-02	42b
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 SR17 bridge, 6.0 mi southeast of Ephrata, and 1.8 mi upstream from mouth.	373	1901 1909-12‡ 1912 1914 1968 1973-75 1992-97 1993-2002	10-10-01 12-13-01 02-12-02 04-08-02 06-21-02 07-19-02 08-01-02 08-12-02 10-07-02 12-18-02 02-19-03 04-08-03 05-22-03 06-11-03 08-19-03 09-10-03	53b 49b 37b 29b 37b 46b 46b 50b 48b 46 36 30 35 35 43 47
Lind Coulee	Potholes Reservoir	Lat 46°57'04", long 118°50'33", in SW¼NE¼ sec.19, T. 17 N., R. 32 E., Adams County, Hydrologic Unit 17020015, at Lind-Warden Road, and at Roxboro.	273		05-20-03 09-10-03	0 0
Lind Coulee Wasteway	Potholes Reservoir	Lat 46°58'09", long 119°00'02", in NW¼NW¼ sec.13, T. 17 N., R. 30 E., Grant County, Hydrologic Unit 17020015, near Lind-Warden Road, and 1.8 mi east of Warden.	316		05-22-03	0d

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –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						
Bauer Coulee	Weber Coulee	Lat 47°04'51", long 118°52'31", in SE¼NE¼ sec.2, T. 18 N., R. 31 E., Adams County, Hydrologic Unit 17020015, at Deal Road, and 1.2 mi northwest of Schrag.	137		05-20-03 09-10-03	0 0
Weber Coulee	Lind Coulee	Lat 47°02'44", long 119°05'24", in SE¼SE¼ sec.18, T. 18 N., R. 30 E., Grant County, Hydrologic Unit 17020015, at Basset Junction RR crossing, near Road 3 Southeast, and 6.0 mi northwest of Warden.	289		05-22-03 09-08-03	35 35
12471400 Lind Coulee Wasteway	Potholes Reservoir	Lat 47°00'31", long 119°08'52", in SW¼NW¼ sec.35, T. 18 N., R. 29 E., Grant County, Hydrologic Unit 17020015, 0.6 mi downstream from SR 17, 5.0 mi northwest of Warden, and 0.9 mi upstream from mouth	723	1993-95‡ 1997- 2001‡	05-22-03 09-10-03	97d 218d
RCD Wasteway	Potholes Reservoir	Lat 47°00'17", long 119°12'53", in NE¼SE¼ sec.31, T. 18 N., R. 29 E., Grant County, Hydrologic Unit 17020015, at Road M Southeast, and 8 mi southeast of Moses Lake.	334	1994	09-10-03	50
YAKIMA RIVER BASIN						
12480500 Tenaway River	Yakima River	Lat 47°11'44", long 120°47'04", in NE¼SW¼ sec.25, T. 20 N., R. 16 E., Kittitas County, Hydrologic Unit 17030001, at State Route 970 crossing, and 6.5 mi east of Cle Elum.	200	1909-14‡ 1947-52‡ 1953 1958 1970 1973 1977	09-12-03	14
Tenaway River	Yakima River	Lat 47°10'05", long 120°50'00", in SW¼NW¼ sec.3, T. 19 N., R. 16 E., Kittitas County, Hydrologic Unit 17030001, 5.0 mi southeast of Cle Elum, and 200 ft upstream from mouth.	--	--	09-12-03	14
American River	Bumping River	Lat 46°55'03", long 121°22'52", unsurveyed, T. 17 N., R. 11 E., Yakima County, Hydrologic Unit 17030002, 1,000 ft downstream from State Route 410 crossing, 5.5 mi northwest of Goose Prairie, and at mile 13.4.	--	--	09-12-03	20
Union Creek	American River	Lat 46°55'59", long 121°21'28", unsurveyed, T. 17 N., R. 11 E., Yakima County, Hydrologic Unit 17030002, 100 ft upstream from State Route 410 crossing, 5.0 mi northwest of Goose Prairie, and 400 ft upstream from mouth.	--	--	09-12-03	6.5
American River	Bumping River	Lat 46°57'57", long 121°15'54", in NW¼NE¼ sec.18, T. 17 N., R. 13 E., Yakima County, Hydrologic Unit 17030002, Snoqualmie National Forest, 400 ft downstream from State Route 410 crossing, 4.9 mi north of Goose Prairie, and at mile 6.0.	70.2	1973	09-12-03	38
Bumping River	Little Naches River	Lat 46°59'13", long 121°06'01", in SE¼SW¼ sec.4, T. 17 N., R. 14 E., Yakima County, Hydrologic Unit 17030002, 0.2 mi west of State Route 410 crossing of Little Naches River, 3.3 mi northwest of Cliffdell, and 0.5 mi upstream from mouth.	--	--	09-12-03	218

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –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							
Yakima River	Columbia River	Lat 46°29'02", long 120°25'47", in SE¼NW¼ sec.34, T. 12 N., R. 19 E., Yakima County, Hydrologic Unit 17030003, 1.5 mi west of Donald, and at mile 102.7.	--	1918-19	07-22-03	342	
Yakima River	Columbia River	Lat 46°27'50", long 120°23'37", in SW¼SW¼ sec.1, T. 11 N., R. 19 E., Yakima County, Hydrologic Unit 17030003, 8 mi south of Donald, and at mile 100.2.	--	1918-19	07-22-03	349	
Lateral 1	Yakima River	Lat 46°27'44", long 120°24'34", in SE¼SW¼ sec.2, T. 11 N., R. 19 E., Yakima County, Hydrologic Unit 17030003, and 1 mi northeast of Wapato.	--	1918-19	07-22-03	33	
Rosa Canal Wasteway Number 3	Yakima River	Lat 46°27'40", long 120°22'02", in NE¼NW¼ sec.7, T. 11 N., R. 20 E., Yakima County, Hydrologic Unit 17030003, 300 ft upstream from Yakima Valley Hwy, and 2 mi northeast of Wapato.	--	--	07-22-03	2.6	
Yakima River	Columbia River	Lat 46°24'26", long 120°18'32", in SW¼SW¼ sec.27, T. 11 N., R. 20 E., Yakima County, Hydrologic Unit 17030003, 1.5 mi north of Toppenish, and at mile 92.8.	--	2001	07-22-03	346	
Rosa Canal Wasteway Number 4	Yakima River	Lat 46°23'17", long 120°14'07", in NW¼NE¼ sec.6, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Yakima Valley Hwy bridge, and 1 mi southeast of Zilah.	--	--	07-22-03	1.1	
12505350 East Toppenish Drain	Yakima River	Lat 46°22'04", long 120°15'00", in SW¼NW¼ sec.7, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Wilson Road, and 2.5 mi east of Toppenish.	--	1988-89 1999	07-22-03	47	
Yakima River	Columbia River	Lat 46°20'16", long 120°11'48", in NW¼SE¼ sec.21, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, 0.4 mi upstream from bridge, at Granger, and at mile 82.7.	--	--	07-22-03	646	
Marion Drain	Yakima River	Lat 46°19'51", long 120°11'55", in NE¼NW¼ sec.28, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Indian Church Road, and 0.3 mi southwest of Granger.	--	1911-12 1949-50 1956 1988-89 1999	07-22-03	59	
Toppenish Creek	Yakima River	Lat 46°18'52", long 120°11'53", in NW¼NE¼ sec.33, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Indian Church Road, and 1.7 mi south of Granger.	626	1988-89 1999	07-22-03	57	
Yakima River	Columbia River	Lat 46°19'07", long 120°09'33", in SE¼SW¼ sec.26, T. 10 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, downstream from Toppenish Creek, and 2 mi southeast of Granger.	--	--	07-22-03 07-23-03	744 666	
12507585 Yakima River	Columbia River	Lat 46°15'54", long 120°05'37", in NW¼SE¼ sec.17, T. 9 N., R. 22 E., Yakima County, Hydrologic Unit 17030003, upstream from Satus Creek, 5 mi southwest of Sunnyside, and at mile 72.	--	1988 1999	07-23-03	735	

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –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							
Satus Creek	Yakima River	Lat 46°02'30", long 120°34'20", in SW¼SW¼ sec.33, T. 7 N., R. 18 E., Yakima County, Hydrologic Unit 17030003, 150 ft downstream from road bridge, 0.1 mi downstream from Klickitat/Yakima County Boundary, 4.4 mi northeast of Goldendale, and at mile 36.3.	--	--	09-11-03	4.3	
Satus Creek	Yakima River	Lat 46°12'15", long 120°28'38", in SW¼SE¼ sec.6, T. 8 N., R. 18 E., Yakima County, Hydrologic Unit 17030003, at U.S. Highway 97 crossing, and 14.5 mi southwest of Toppenish.	--	--	09-11-03	0	
Logy Creek	Satus Creek	Lat 46°12'28", long 120°28'52", in NE¼SW¼ sec.6, T. 8 N., R. 18 E., Yakima County, Hydrologic Unit 17030003, 14.5 mi southwest of Toppenish, and 0.3 mi upstream from mouth.	--	--	09-11-03	16	
12508480 Dry Creek	Satus Creek	Lat 46°15'15", long 120°24'09", in SE¼NW¼ sec.23, T. 9 N., R. 19 E., Yakima County, Hydrologic Unit 17030003, at U.S. Highway 97 crossing, 10 mi southwest of Toppenish, and 0.8 mi upstream from mouth.	157	--	09-11-03	0	
12508500 Satus Creek	Yakima River	Lat 46°15'08", long 120°22'43", in SE¼NE¼ sec.24, T. 9 N., R. 19 E., Yakima County, Hydrologic Unit 17030003, 1.1 mi downstream from Dry Creek, and 9.0 mi southwest of Toppenish.	434	--	09-11-03	16	
Mule Dry Creek	Satus Creek	Lat 46°14'30", long 120°15'33", in NW¼NE¼ sec.25, T. 9 N., R. 20 E., Yakima County, Hydrologic Unit 17030003, at dirt road crossing, and 7.5 mi southwest of Granger.	--	--	09-11-03	0	
Satus Creek	Yakima River	Lat 46°17'25", long 120°13'12", in SE¼SW¼ sec.5, T. 9 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Plank Road crossing, and 3.5 mi southwest of Granger.	560	1975-76	09-11-03	15	
Satus Creek	Yakima River	Lat 46°16'23", long 120°08'47", in NE¼NE¼ sec.14, T. 9 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, 20 ft upstream from North Drain and Satus Road crossing, and 5 mi southwest of Granger.	--	--	09-11-03	27	
12508620 Satus Creek	Yakima River	Lat 46°16'24", long 120°08'47", in NE¼NE¼ sec.14, T. 9 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at Satus Longhouse Road, and 5 mi southeast of Granger.	--	1988-89 1999	07-23-03	77	
12508630 South Drain	Yakima River	Lat 46°15'44", long 120°08'40", in SW¼SW¼ sec.13, T. 9 N., R. 21 E., Yakima County, Hydrologic Unit 17030003, at South Satus Road, near Satus, and 5.5 mi southeast of Granger.	--	1988-89 1999	07-23-03	21	
Satus Drain 302	Yakima River	Lat 46°14'18", long 120°06'27", in SE¼NE¼ sec.30, T. 9 N., R. 22 E., Yakima County, Hydrologic Unit 17030003, at Newland Road, and 5.5 mi northwest of Mabton.	--	--	07-23-03	8.2	

Discharge Measurements Made at Miscellaneous Sites During Water Year 2003 –Continued

[--, No data or undetermined; ‡, operated as a continuous-record gaging site; a, Estimate; b, not previously published; c, operated as a crest-stage gate; d, data provided by Bureau of Reclamation]

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water year)	Measurements		
					Date	Discharge (ft ³ /s)	
YAKIMA RIVER BASIN--Continued							
DID No. 7	Yakima River	Lat 46°15'32", long 120°03'52", in NE¼NE¼ sec.21, T. 9 N., R. 22 E., Yakima County, Hydrologic Unit 17030003, at Green Valley Road, and 4 mi southwest of Sunnyside.	--	--	07-23-03	13	
Satus 303 Drain	Yakima River	Lat 46°13'02", long 120°01'08", in SW¼SW¼ sec.36, T. 9 N., R. 22 E., Yakima County, Hydrologic Unit 17030003, at State Hwy 22, and 0.9 mi northwest Mabton.	--	--	07-23-03	3.2	
12508997 Frazer Drain	Yakima River	Lat 46°13'47", long 119°55'30", in NE¼NW¼ sec.34, T. 9 N., R. 23 E., Yakima County, Hydrologic Unit 17030003, at Chase and Frazer Road, and 2 mi southwest of Grandview.	--	1975-76 1981	07-23-03	14	
Chandler Canal	Yakima River	Lat 46°12'53", long 119°46'02", in NE¼NE¼ sec.2, T. 8 N., R. 24 E., Benton County, Hydrologic Unit 17030003, downstream from Hinzcoling Road, and at Prosser.	--	--	07-23-03	814	
Spring Creek	Yakima River	Lat 46°14'04", long 119°41'04", in NE¼SE¼ sec.28, T. 9 N., R. 25 E., Benton County, Hydrologic Unit 17030003, at Chandler Canal, at Hess Road, and 4 mi northeast of Prosser.	44.7	1989	07-23-03	28	
Snipes Creek	Yakima River	Lat 46°14'14", long 119°40'42", in NE¼NE¼ sec.27, T. 9 N., R. 25 E., Benton County, Hydrologic Unit 17030003, at railroad bridge, downstream from Chandler Canal, and 4 mi northeast of Prosser.	--	1989	07-23-03	9.4	
Unnamed Tributary	Yakima River	Lat 46°16'39", long 119°33'46", in NE¼SE¼ sec.9, T. 9 N., R. 26 E., Benton County, Hydrologic Unit 17030003, at Old Inland Empire Hwy bridge, 1 mile upstream from Corral Canyon Creek, and 6 mi northwest of Benton City.	--	--	07-23-03	3.0	
Corral Canyon Creek	Yakima River	Lat 46°16'45", long 119°32'17", in SE¼NE¼ sec.10, T. 9 N., R. 26 E., Benton County, Hydrologic Unit 17030003, at Old Empire Hwy, 3 mi west of Benton City, and 0.5 mi upstream from mouth.	25.1	1975-76 1981	07-23-03	6.0	
SNAKE RIVER BASIN							
13349850 Rock Creek	Palouse River	Lat 47°04'25", long 117°56'03", in NW¼ sec.8, T. 18 N., R. 39 E., Whitman County, Hydrologic Unit 17060108, at Whitman County road bridge, and 0.5 mi southwest of Revere.	--	2001	02-14-02 03-13-02 07-11-02 03-24-03 04-24-03 04-30-03 08-08-03 09-09-03	250b 612b 16b 314 115 114 0 0	
13349860 Rock Creek	Palouse River	Lat 47°03'34", long 117°57'59", in NW¼ 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.	--	--	09-25-02 04-24-03 04-30-03 08-08-03 09-09-03	5.0b 143 129 7.1 4.2	