

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

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

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation, but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Maximum discharge at crest-stage partial-record stations

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
MERRIMACK RIVER BASIN								
Pemigewasset River at Woodstock, NH (01075000)	Lat 43°58'34", Long 71°40'48", Grafton County, Hydrologic Unit 01070001, on right bank, 0.2 mi east of Woodstock and 0.7 mi upstream from Eastman Brook. Drainage area is 193 mi ² .	1940-77†, 1978-80, 1985-99	09-17-99	a 12.18	23,400	10-24-59	16.13	47,000
Baker River near Rumney, NH (01076000)	Lat 43°47'46", Long 71°50'42", Grafton County, Hydrologic Unit 01070001, on right bank, 200 ft upstream from small right bank tributary, 0.3 mi upstream from Halls Brook, and 1.8 mi southwest of Rumney. Drainage area is 143 mi ² .	1929-77†, 1978-81, 1985-99	09-17-99	10.01	6,650	06-15-42	15.50	21,400
Merrimack River at Franklin Junction, NH (01081500)	Lat 43°25'26", Long 71°39'12", Merrimack County, Hydrologic Unit 01070002, on right bank at Franklin Junction, 1 mi downstream from confluence of Pemigewasset and Winnepesau- kee Rivers. Drainage area is 1,507 mi ² .	1903-78†, 1983-99	09-18-99	14.53	19,000	03-19-36	36.4	83,000
Contoocook River at Peterbor- ough, NH (01082000)	Lat 42°51'45", Long 71°57'35", Hillsborough County, Hydro- logic Unit 01070003, 1 mi south of Peterborough, and 1.5 mi upstream from Nuba- nusit Brook. Drainage area is 68.1 mi ² .	1945-77†, 1978-99	09-17-99	4.84	1,410	04-06-87	6.62	2,860
Nubanusit Brook below Edward Mac- Dowell Dam near Peter- borough, NH (01083000)	Lat 42°53'43", Long 71°59'13", Hillsborough County, Hydro- logic Unit 01070003, on left bank 300 ft downstream from Edward Macdowell Reservoir, 2.2 mi northwest of Peterbor- ough, and 2.7 mi upstream from mouth. Drainage area is 44.0 mi ² .	1920-31†b, 1945-89†b, 1990-97b, 1998-99	09-17-99	5.41	557	04-11-31	b	1,130

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
MERRIMACK RIVER BASIN--Continued								
Contoocook River near Henniker, NH (01085000)	Lat 43°09'10", Long 71°51'24", Merrimack County, Hydrologic Unit 01070003, 0.6 mi down- stream from Sand Brook and 2.5 mi southwest of Henniker. Drainage area is 368 mi ² .	1940-77‡, 1988-99	09-18-99	10.62	4,720	c 09-21-38	c 21.30	c 22,200
Contoocook River below Hopkinton Dam, at West Hop- kinton, NH (01085500)	Lat 43°11'31", Long 71°44'51", Merrimack County, Hydrologic Unit 01070003, on right bank 400 ft downstream from cov- ered bridge at West Hopkin- ton, 0.2 mi downstream from Hopkinton Dam, and 5.9 mi upstream from Warner River. Drainage area is 427 mi ² .	1903-07‡, 1963-89‡, 1990-99	09-18-99	8.06	4,970	04-08-87	10.89	7,530
Warner River at Davis- ville, NH (01086000)	Lat 43°15'06", Long 71°43'54", Merrimack County, Hydrologic Unit 01070003, on left bank 60 ft downstream from bridge on State Highway 127 at Davisville, 2.2 mi northwest of Contoocook, and 2.4 mi upstream from mouth. Drainage area is 146 mi ² .	1939-78 1999-	09-17-99	8.05	2,410	03-27-53	9.88	4,510
Blackwater River near Webster, NH (01087000)	Lat 43°17'45", Long 71°41'46", Merrimack County, Hydrologic Unit 01070003, on left bank 0.2 mi west of Dingit corner, 2.4 mi downstream from Black- water Dam, 2.5 mi southeast of Webster, and 6.5 mi upstream from mouth. Drainage area is 129 mi ² .	1918-20‡ 1927-89‡, 1990-99	09-19-99	6.40	1,730	03-19-36	11.78	11,000
Piscataquog River below Everett Dam near East Weare, NH (01090800)	Lat 43°05'29", Long 71°39'36", Hillsborough County, Hydro- logic Unit 01070002, on right bank 500 ft downstream from Everett Dam and 1.4 mi south- east of East Weare. Drainage area is 63.1 mi ² .	1963-89‡, 1990-99	09-18-99	7.93	1,020	06-12-84	9.09	1,770
Piscataquog River near Goffstown, NH (01091500)	Lat 43°00'58", Long 71°33'03", Hillsborough County, Hydro- logic Unit 01070002, 0.2 mi upstream from Harry Brook, 0.9 mi downstream from Glen Lake, and 2.5 mi east of Goffstown. Drainage area is 202 mi ² .	1939-78‡, 1983-99	09-17-99	8.95	4,110	04-06-87	11.28	7,600
Souhegan River at Merri- mack, NH (01094000)	Lat 42°51'27", Long 71°30'24", Hillsborough County, Hydro- logic Unit 01070002, at head of Wildcat Falls, 0.9 mi southwest of Merrimack, 1.5 mi upstream from mouth. Drainage area is 171 mi ² .	1909-76‡, 1979-99	09-17-99	6.52	2,300	03-19-36	16.2	16,900

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Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
CONNECTICUT RIVER BASIN								
Paul Stream Tributary near Brunswick Springs, VT (01129700)	Lat 44°41'06", Long 71°37'18", Essex County, Hydrologic Unit 01080101, at culvert on Macadam Road leading to Maid- stone Lake, 400 ft upstream of mouth at Paul Stream, 1.4 mi west along this road from it's intersection with State Route 102, 1.9 mi northeast of Maidstone Lake outlet, 3.5 mi south Brun- swick Springs, and 4.6 mi south of North Stratford, NH. Drainage area is 1.29 mi ² .	1966-78, 1999	01-24-99	11.31	48	03-18-68 06-30-73	bf 9.06 b 10.18	93 60
Quimby Brook near Lyndon- ville, VT (01133200)	Lat 44°34'52", long 71°59'11", Caledonia County, Hydrologic Unit 01080102, at culvert on Sutton Road, 0.1 mi north of Sutton Road and US Hwy 5 intersection, and 3.5 mi north of Lyndonville. Drain- age area is 2.32 mi ² .	1964-74, 1999	01-24-99	11.01	70	05-04-72	13.51	200
Kirby Brook at Concord, VT (01134800)	Lat 44°26'31", long 71°52'45", Essex County, Hydrologic Unit 01080102, at culvert on U.S. Highway 2, 700 ft upstream from mouth, and 1.2 mi north- east of Concord. Drainage area is 8.05 mi ² .	1964-74†, 1999	01-24-99	6.48	263	06-30-73	b 6.35	1,600
Joes Brook Tributary near East Barnet, VT (01135700)	Lat 44°20'40", long 72°03'52", Caledonia County, Hydrologic Unit 01080102, at culvert on Joes Brook Road, 100 ft upstream of mouth, 1.8 mi northwest of East Barnet, 3.4 mi north of Barnet, 5.3 mi east of Peacham. Drainage area is 0.76 mi ² .	1964-74, 1999	01-24-99	10.57	25	06-30-73	b 13.55	98
Waits River Tributary near West Topsham, VT (01139700)	Lat 44°08'29", long 72°18'52", Orange County, Hydrologic Unit 01080103, at culvert on US Hwy 302, 800 ft upstream of Waits River, 0.3 mi east of US Hwy 302 and State Hwy 25 intersection, and 2.0 mi north of West Topsham. Drain- age Area is 1.09 mi ² .	1964-74, 1999	09-16-99	11.69	86	12-21-73	10.91	94
Ompompanoosuc River at Union Village, VT (01141500)	Lat 43°47'23", Long 72°15'19", Orange County, Hydrologic Unit 01080103, on right bank 800 ft upstream from covered bridge at Union Village, 200 ft downstream from Avery Brook, 700 ft downstream from Union Village Reservoir, and 4.0 mi upstream from mouth. Drainage area is 130 mi ² .	1940-89†, 1990-99	09-17-99	9.30	1,560	06-03-47	c	4,800

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
CONNECTICUT RIVER BASIN--Continued								
Third Branch White River Tributary at Ran- dolph, VT (01142400)	Lat 43°55'54", long 72°40'54", Orange County, Hydrologic Unit 01080105, at culvert on State 12A, 0.3 mi upstream of mouth, 0.8 mi west of junc- tions of State 12 and 12A, and 1.0 mi northwest of Randolph. Drainage area is 0.77 mi ² .	1964-74, 1999	03-22-99	10.58	44	06-27-98	c 16.61	b 327
Mascoma River at West Canaan, NH (01145000)	Lat 43°39'00", Long 72°04'50", Grafton County, Hydrologic Unit 01080104, on right bank 45 ft downstream from Boston and Maine Railroad bridge, 0.9 mi east of West Canaan, 1.2 mi downstream from Indian River, 3.5 mi west of Canaan and at mile 19.3. Drainage area is 80.5 mi ² .	1939-78†, 1985-99	09-17-99	6.57	1,960	03-27-53 d 09-22-38	8.94 9.60	3,780 4,320
Kent Brook near Killing- ton, VT (01150800)	Lat 43°40'24", long 72°48'33", Rutland County, Hydrologic Unit 01080105, at culvert on State Highway 100, 1.4 mi upstream from mouth, and 2.0 mi northwest of the Vil- lage of Killington. Drainage area is 3.31 mi ² .	1964-74†, 1999	01-24-99	8.03	236	06-30-73	b 12.81	600
Ottauquechee River Tributary near Quechee, VT (01151200)	Lat 43°39'37", long 72°25'55", Windsor County, Hydrologic Unit 01080106, at culvert on gravel road, 50 ft east along this road from it's intersec- tion with West Hartford- Quechee Road, 0.2 mi upstream of mouth, and 1.2 mi north- west of Quechee. Drainage area is 0.82 mi ² .	1964-74, 1999	01-24-99	9.71	14	06-30-73	13.35	93
Black River at North Spring- field, VT (01153000)	Lat 43°20'00", Long 72°30'55", Windsor County, Hydrologic Unit 01080106, on right bank, 800 ft downstream from North Springfield Dam, 1,300 ft upstream from Great Brook, and 8.1 mi upstream from mouth. Drainage area is 158 mi ² .	1929-89†, 1990-99	03-23-99	6.80	2,770	09-22-38	17.68	15,500
Middle Branch Williams River Tributary at Chester, VT (01153300)	Lat 43°16'13", long 72°36'32", Windsor County, Hydrologic Unit 01080107, at culvert on Lovers Lane, 0.2 mi from Lov- ers Lane and State Highway 11 intersection, 0.8 mi north- east of junction of State Highways 11 and 35 in Chester, and 1.5 mi upstream of mouth. Drainage area is 3.16 mi ² .	1964-78, 1999	03-22-99	20.70	178	08-10-76	h	g 367

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Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
CONNECTICUT RIVER BASIN--Continued								
West River Tributary near Jamaica, VT (01155350)	Lat 43°07'32", long 72°48'47", Windham County, Hydrologic Unit 01080107, at culvert on State Hwy 100, 0.5 mi upstream of mouth, 2.0 mi west of Ball Mountain Dam, and 2.5 mi northwest of Jamaica. Drainage area is 0.90 mi ² .	1964-78, 1999	01-24-99	9.64	68	06-30-73	b 15.14	320
Whetstone Brook Tributary near Marlboro, VT (01156300)	Lat 42°52'42", long 72°42'32", Windham County, Hydrologic Unit 01080104, at culvert on State Highway 9, 800 ft upstream of mouth, 0.5 mi west of Hidden Lake, and 1.5 mi northwest of Marlboro. Drainage area is 1.05 mi ² .	1963-74, 1999	09-16-99	10.74	150	07-29-69	b 7.65	230
Connecticut River Tributary near Vernon, VT (01156450)	Lat 42°47'01", long 72°31'57", Windham County, Hydrologic Unit 01080104, at downstream culvert on Tyler Hill Road, 0.3 mi west of Tyler Hill Road and State Hwy 142 inter- section, 0.6 mi upstream of mouth, 1.3 mi northwest of Vernon Dam, and 1.8 mi north- west of Vernon. Drainage area is 1.12 mi ² .	1964-74, 1999	09-16-99	9.13	104	04-25-70	10.91	128
HUDSON RIVER BASIN								
Tanner Brook near Sun- derland, VT (01328900)	Lat 43°07'52", long 73°05'45", Bennington County, Hydrologic Unit 02020003, at culvert on U.S. Highway 7, 1.3 mi north of Sunderland and 2.5 mi southwest of Manchester. Drainage area is 2.60 mi ² .	1964-74, 1999	01-24-99	10.38	34	02-05-70	11.84	84
Paran Creek near South Shafts- bury, VT (01333900)	Lat 42°58'13", long 73°11'19", Bennington County, Hydrologic Unit 02020003, at culvert on Cider Mill Road, 400 ft north of Cider Mill Road and Airport Road intersection, 1.3 mi southeast of Shafts- bury Center, 2.0 mi northeast of South Shaftsbury. Drainage area is 2.38 mi ² .	1964-78, 1999	09-16-99	11.22	d 187	06-30-73	11.52	d 193
ST. LAWRENCE RIVER BASIN								
Poultney River Tributary at East Poultney, VT (04279400)	Lat 43°32'17", long 73°12'36", Rutland County, Hydrologic Unit 02010001, at culvert on Lewis Road, 0.5 mi west of Town Hill, 0.8 mi southeast of Lewis Road and Hannon Road intersection, 0.8 mi north of East Poultney. Drainage area is 1.13 mi ² .	1964-78, 1999	01-24-99	9.96	82	04-14-64	b 12.36	98

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
ST. LAWRENCE RIVER BASIN--Continued								
Little Otter Creek Tributary near Bristol, VT (04282600)	Lat 44°08'35", long 73°07'03", Addison County, Hydrologic Unit 02010002, at culvert on Plank Road, 200 ft east of Plank Road and Sawyer Road intersection, 2.0 mi north- west of Bristol, and 2.2 mi northeast of New Haven. Drainage area is 1.48 mi ² .	1964-78, 1999	03-22-99	10.31	24	06-30-73	13.16	64
Lewis Creek Tributary at Starks- boro, VT (04282700)	Lat 44°13'02", long 72°03'19", Addison County, Hydrologic Unit 02010002, at culvert on State Route 116, 0.7 mi south of Starksboro, 0.9 mi west of East Mountain, and 4.6 mi north along State Route 116 from the junction of State Highways 116 and 17. Drainage area is 5.31 mi ² .	1963-74†, 1999	03-22-99	15.19	138	12-21-73	b 5.25	1,350
Sunny Brook near Mont- pelier, VT (04287300)	Lat 44°16'08", long 72°37'37", Washington County, Hydrologic Unit 02010003, at culvert on U.S. Highway 2, 500 ft north- east of Interstate 89 over- pass over U.S. Highway 2, 0.3 mi upstream from mouth, and 2.5 mi west of U.S. High- way 2 and Bailey Avenue Extension intersection in Montpelier. Drainage area is 2.31 mi ² .	1964-74†, 1999	04-01-99	3.94	62	06-13-73	b 7.40	342
Bryant Brook at Water- bury Center, VT (04288400)	Lat 44°22'41", long 72°43'29", Washington County, Hydrologic Unit 02010003, at culvert on State Highway 100, 0.3 mi west of Waterbury Center, and 3.0 mi north of Waterbury. Drainage area is 2.64 mi ² .	1964-78, 1999	03-22-99	12.05	150	06-30-73	13.94	302
Winooski River Tributary near Richmond, VT (04289600)	Lat 44°26'09", long 72°58'46", Chittenden County, Hydrologic Unit 02010003, at culvert on Browns Trace Road, 0.3 mi south of Browns Trace Road and Governor Peck Road inter- section, 2.3 mi north of Richmond, and 2.4 mi south of Jerico Center. Drainage area is 0.71 mi ² .	1964-74, 1999	03-22-99	12.77	55	06-15-72	b 14.59	102
Bailey Brook at East Hardwick, VT (04290700)	Lat 44°31'41", long 72°18'16", Caldonia County, Hydrologic Unit 02010005, at culvert on Hardwick Street, 800 ft north of railroad crossing, 0.4 mi upstream of mouth, and 0.6 mi northeast of East Hardwick, Drainage area is 2.52 mi ² .	1964-78, 1999	09-17-99	11.92	96	06-30-73	15.92	285

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Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
ST. LAWRENCE RIVER BASIN--Continued								
Stony Brook near Eden, VT (04292100)	Lat 44°41'38", long 72°35'00", Lamoille County, Hydrologic Unit 02010005, at culvert on State Highway 100, 400 ft upstream from mouth, 2.1 mi south of Eden, and 2.2 mi north of the junction of State Highways 100 and 100C in North Hyde Park. Drainage area is 4.21 mi ² .	1964-74†, 1999	05-20-99	4.89	140	06-30-73	b 3.64	890
Whittaker Brook at Richford, VT (04293400)	Lat 44°59'14", long 72°39'15", Franklin County, Hydrologic Unit 02010007, at culvert on State Highway 105, 100 ft upstream of mouth, 0.2 mi east of a railroad bridge over State Highway 105, and 1.0 mi southeast of the junc- tion of State Highways 105 and 139 in Richford. Drainage area is 0.64 mi ² .	1963-78, 1999	01-24-99	9.20	46	04-14-64	12.49	190
Missisquoi River Tributary at Sheldon Junction, VT (04293800)	Lat 44°54'01", long 72°57'40", Franklin County, Hydrologic Unit 02010007, at culvert on State Highway 105, 40 ft west of the State Highway 105 and Bergeron Road (TH21) inter- section, 0.5 mi upstream of mouth, 0.8 mi west of Sheldon Junction, and 0.9 mi east of Sheldon Springs. Drainage area is 1.69 mi ² .	1963-78, 1999	01-24-99	11.92	29	06-30-73	13.63	108
Saxe Brook near Highgate Springs, VT (04294200)	Lat 44°59'38", long 73°03'59", Franklin County, Hydrologic Unit 02010007, at culvert on Ballard Road, 100 ft north of Ballard Road and St. Armand Road intersection, 0.4 mi upstream of mouth at Rock River, 1.5 mi south of US-Canada Border Bench Mark 629A, and 2.3 mi northeast of Highgate Springs. Drainage area is 2.79 mi ² .	1963-74, 1999	03-22-99	11.96	42	04-03-74	14.28	117
Lord Brook near Evans- ville, VT (04296150)	Lat 44°46'59", long 72°07'08", Orleans County, Hydrologic Unit 01110000, at culvert on State Highway 16, 0.2 mi east of State Highway 16 and Fiske Road intersection, 1.3 mi upstream of mouth, 1.5 mi south of Evansville, and 3.6 mi northeast of Barton. Drainage area is 4.76 mi ² .	1964-78, 1999	05-20-99 09-17-99	11.38 e 12.69	103 h	05-20-69	15.26	410

Maximum discharge at crest-stage partial-record stations--Continued

Station name and number	Location and drainage area	Period of record	Water year 1999 maximum			Period of record maximum		
			Date	Gage height (ft)	Dis- charge (ft ³ /s)	Date	Gage height (ft)	Dis- charge (ft ³ /s)
ST. LAWRENCE RIVER BASIN--Continued								
Brownington Branch near Evans- ville, VT (04296200)	Lat 44°50'02", long 72°04'00", Orleans County, Hydrologic Unit 01110000, at culvert on State Highway 5A, 2.9 mi north of the junction of State Highways 5A and 58, and 4.0 mi northeast of Evans- ville. Drainage area is 2.15 mi ² .	1964-74†, 1999	03-22-99	7.67	145	12-21-73	b 7.91	170
Pherrins River Tributary near Island Pond, VT (04296300)	Lat 44°50'33", long 71°54'32", Essex County, Hydrologic Unit 01110000, at culvert on State Highway 114, 200 ft upstream of mouth, 800 ft south of State Highway 111 and 114 junction, and 2.3 mi north- west of Island Pond. Drainage area is 1.05 mi ² .	1964-78, 1999	01-19-99	10.09	37	05-20-69	12.53	140

† Operated as a continuous-record gaging station.

a From maximum indicator clip.

b At a different site and datum.

c Extreme outside period of record.

d Additional discharge overtopped roadway.

e Backwater from beaver dam in culvert.

f Different culvert at site.

g Discharge is an estimate.

h Not determined.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Miscellaneous Sites

Discharge measurements in the following table were made at miscellaneous sites throughout New Hampshire and Vermont.

Discharge measurements made at miscellaneous sites

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
SACO RIVER BASIN						
01065000 Ossipee River	Saco River	Lat 43°47'44", Long 71°03'36", Carroll County, Hydrologic Unit 01060002, 0.3 mi upstream from State Highway 153 at Effingham Falls, 0.3 mi downstream from the outlet of Ossipee Lake (Berry Bay), and 4 mi northwest of Effingham.	330	1924-90† 1998	04-13-98 06-12-98 10-09-98 04-09-99 06-23-99	1,430 325 565 2,130 180
MERRIMACK RIVER BASIN						
01075000 Pemigewasset River	Merrimack River	Lat 43°58'34", Long 71°40'48", Grafton County, Hydrologic Unit 01070001, 0.2 mi east of Woodstock and 0.7 mi upstream from Eastman Brook.	193	1940-77†, 1978-98	10-13-98 04-06-99	303 959
01076000 Baker River	Pemigewasset River	Lat 43°47'46", Long 71°50'42", Grafton County, Hydrologic Unit 01070001, 0.3 mi upstream from Halls Brook, and 1.8 mi southwest of Rumney, NH.	143	1929-77†, 1978-98	12-11-98 04-07-99 07-20-99 09-17-99	174 1,030 46.2 4,390
01077510 Newfound River	Pemigewasset River	Lat 43°37'05", Long 71°44'25", Grafton County, Hydrologic Unit 01070001, below outlet of Newfound Lake, 1.7 mi north of Bristol, NH, off State Highway 3A.	98	1983-87 1991-98	10-14-98 12-15-98 02-10-99 04-07-99 05-17-99 07-07-99 07-07-99	275 195 233 669 54.2 28.8 28.5
01081500 Merrimack River	Atlantic Ocean	Lat 43°25'26", Long 71°39'12", Merrimack County Hydrologic Unit 01070002, at Franklin Junction, NH, 1 mi downstream from confluence of Pemigewasset and Winnepesaukee Rivers.	1,507	1903-78†, 1979-98	10-06-98 03-18-99 09-03-99	677 3,190 572
01082000 Contoocook River	Merrimack River	Lat 42°51'45", Long 71°57'35", Hillsborough County, Hydrologic Unit 01070003, 1 mi south of Peterborough, NH, and 1.5 mi upstream from Nubanusit Brook.	68.1	1945-77, 1978-97	04-07-99 06-24-99	132 8.10
01083000 Nubanusit Brook	Contoocook River	Lat 42°53'43", Long 71°59'13", Hillsborough County, Hydrologic Unit 01070003, on left bank 300 ft down- stream from Edward MacDowell Reser- voir, 2.2 mi northwest of Peterborough, NH and 2.7 mi upstream from mouth.	44.0	1920-31†a, 1945-89†a, 1990-97a, 1998	12-17-98 04-29-99 06-24-99 07-20-99	20.0 8.06 3.43 13.8
01085000 Contoocook River	Merrimack River	Lat 43°09'10", Long 71°51'24", Merrimack County, Hydrologic Unit 01070003, 0.6 mi downstream from Sand Brook and 2.5 mi southwest of Henniker, NH.	368	1939-77†, 1978-98	10-08-98 03-19-99 06-17-99 08-03-99	65.9 1,180 46.6 41.9
01085500 Contoocook River	Merrimack River	Lat 43°11'31", Long 71°44'05", Merrimack County, Hydrologic Unit 01070003, on right bank 400 ft downstream from covered bridge at West Hopkinton, NH, 0.2 mi downstream from Hopkinton Dam, and 5.9 mi upstream from Warner River.	427	1903-07†, 1963-89†, 1990-98	10-08-98 03-19-99 06-18-99 08-03-99 08-05-99	82.5 1,080 65.4 50.6 37.2

Discharge measurements made at miscellaneous sites--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MERRIMACK RIVER BASIN--Continued						
01086000 Warner River	Merrimack River	Lat 43°15'06", Long 71°43'54", Merrimack County, Hydrologic Unit 01070003, on left bank 60 ft downstream from bridge on State Highway 127 at Davisville, 2.2 mi northwest of Contoocook, and 2.4 mi upstream from mouth.	146	1939-78	11-27-98 03-05-99 05-13-99 06-10-99 07-15-99	345 1,330 106 30.3 7.93
01087000 Blackwater River	Merrimack River	Lat 43°17'45", Long 71°41'46", Merrimack County, Hydrologic Unit 01070003, on left bank 0.2 mi west of Dingit Corner, NH, 2.4 mi downstream from Blackwater Dam, 2.5 mi southeast of Webster, and 6.5 mi upstream from mouth.	129	1927-89†, 1990-98	10-07-98 11-27-98 03-25-99 03-26-99 04-07-99 05-13-99 06-10-99 07-09-99 09-02-99 09-27-99	28.1 337 1,480 1,260 879 116 52.5 24.2 15.0 194
01090800 Piscataquog River	Merrimack River	Lat 43°05'29", Long 71°39'36", Hillsborough County, Hydrologic Unit 01070002, on right bank 500 ft downstream from Everett Dam and 1.4 mi southeast of East Weare, NH.	63.1	1963-89†, 1990-98	10-08-98 12-03-98 03-19-99 06-22-99 08-06-99	5.82 48.8 211 7.73 4.59
01091500 Piscataquog River	Merrimack River	Lat 43°00'58", Long 71°33'03", Hillsborough County, Hydrologic Unit 01070002, 0.2 mi upstream from Harry Brook, 0.9 mi downstream from Glen Lake, and 2.5 mi east of Goffstown, NH.	202	1939-78†, 1979-98	06-15-99 08-09-99	21.5 11.2
01093852 Souhegan River (Site WLR-1)	Merrimack River	Lat 42°50'39", Long 71°42'52", Hillsborough County, Hydrologic Unit 01070002, on right bank, 1.9 mi downstream from Stony Brook, 1.6 mi upstream from Purgatory Brook, and 2.8 mi west of Milford, NH.	103	1994-97	10-29-98 11-24-98 12-29-98 03-03-99 05-06-99 05-26-99 06-30-99 07-16-99 07-28-99 08-25-99	19.3 38.7 41.7 379 138 156 205 16.6 10.1 7.29
01093875 Souhegan River (Site WLR-5)	Merrimack River	Lat 42°50'46", Long 71°40'52", Hillsborough County, Hydrologic Unit 01070002, on left bank, 0.1 mi downstream from Purgatory Brook, 0.7 mi upstream from Tucker Brook, and 1.1 mi west of Milford, NH.	119	1994-97	10-29-98 11-24-98 12-29-98 03-03-99 05-06-99 05-26-99 06-30-99 07-16-99	23.9 44.9 47.6 415 151 163 94.0 15.0
01094000 Souhegan River	Merrimack River	Lat 42°51'27", Long 71°30'24", Hillsborough County, Hydrologic Unit 01070002, at head of Wildcat Falls, 0.9 mi southwest of Merrimack, NH, 1.5 mi upstream from mouth.	171	1909-76†, 1977-98	10-06-98 12-15-98 05-07-99 06-25-99	18.0 103 184 27.6

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
CONNECTICUT RIVER BASIN						
01141500 Ompompa- noosuc River	Connecticut River	Lat 44°47'23", Long 71°15'19", Coos County, Hydrologic Unit 01080103, on right bank 800 ft upstream from covered bridge at Union Village, VT, 200 ft downstream from Avery Brook, 700 ft downstream from Union Village Reservoir, and 4.0 mi upstream from mouth (Revised).	130	1940-89†, 1990-98	04-28-99 06-22-99	193 54.6
01145000 Mascoma River	Connecticut River	Lat 43°39'00", Long 72°04'50", Grafton County, Hydrologic Unit 01080104, on right bank 45 ft downstream from Boston and Maine Railroad bridge, 0.9 mi east of West Canaan, 1.2 mi downstream from Indian River, 3.5 mi west of Canaan and at mile 19.3.	80.5	1939-78†, 1985-98	11-30-98 05-18-99 07-14-99	174 31.4 4.05
01152010 Sugar River	Connecticut River	Lat 43°23'10", Long 72°05'30", Sullivan County, Hydrologic Unit 01080107, behind Crutch Factory at Sunapee, NH, and 800 ft downstream from State Highway 11, and 2,000 ft below outlet of Lake Sunapee.	46	1983-87 1991-98	03-17-99 05-18-99	150 20.3
01153000 Black River	Connecticut River	Lat 43°20'00", Long 72°30'55", Windsor County, Hydrologic Unit 01080106, on right bank at North Springfield, VT, 800 ft downstream from North Springfield Dam, 1,300 ft upstream from Great Brook, and 8.1 mi upstream from mouth.	158	1929-89†, 1990-98	10-14-98 12-24-98 04-16-99 06-21-99 08-25-99	95.7 236 450 46.9 20.0
01160248 South Branch Ashuelot River	Ashuelot River	Lat 42°52'34", Long 72°16'39", Cheshire County, Hydrologic Unit 01080201, at Route 32 bridge, 800 ft northeast from Monadnock Regional High School in Swanzey, NH, 2.3 mi upstream from mouth, and 3.5 mi south of Keene, NH	75.3	1994-99	07-22-98 06-04-99 06-28-99	32.2 26.9 6.4

‡ Operated as a continuous-record gaging station.

a At different site and datum.

b Spillway discharge only.