

## 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.

### Measurements at partial-record stations

No measurements were made at partial-record stations during the 2002 water year.

### Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations or partial-record stations are given in the following table. Those that are measurements of base flow are designated by an asterisk (\*).

#### Discharge measurements made at miscellaneous sites May 2001 through December 2002

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN</b>						
01096600	Concord River	Lat 42°16'16", long 71°37'59", Worcester County, downstream side of bridge on Fisher Street, 0.9 mi west of Westborough, MA.	6.72	1962–66, 1975–78	11-14-01	0.04
Assabet River					12-27-01	3.28
					1-22-02	2.15
					2-19-02	2.96
					4-02-02	13.0
					4-22-02	2.37
					5-30-02	5.01
					6-24-02	8.15
					7-18-02	.07
					8-22-02	.02
					9-17-02	.04
					10-21-02	.06
					12-17-02	33.1
010966015	do.	Lat 42°16'25", long 71°38'00", Worcester County, 150 ft upstream of bridge on Maynard Street, 0.9 mi west of Westborough, MA.	6.79	--	10-23-01	.11
Assabet River					7-17-02	.10
					8-07-02	.03
01096613	Assabet River	Lat 42°17'29", long 71°39'30", Worcester County, downstream side of bridge on Otis Street, 1.7 mi south of Northborough, MA.	7.45	--	7-17-02	2.33
Hop Brook					8-07-02	1.68
					9-04-02	2.36
01096615	do.	Lat 42°17'15", long 71°38'50", Worcester County, at Indian Meadows Golf Course, upstream side of footbridge at 6th hole 1.8 mi south of Northborough, MA.	7.74	--	7-25-01	1.93
Hop Brook					8-24-01	2.04
					10-01-01	1.96
					10-19-01	1.47
					11-16-01	1.06
					12-29-01	3.58
					1-24-02	5.66
					2-19-02	5.43
					4-02-02	29.6
					4-22-02	6.83
					5-28-02	28.6
					6-24-02	6.89
					7-18-02	3.32
					8-21-02	.55
					9-18-02	1.29
					10-21-02	2.90
					12-17-02	35.0

See footnotes at end of table

**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01096630	Concord River	Lat 42°18'16", long 71°37'44", Worcester County,	18.3	1986	6-15-01	5.27
Assabet River		downstream side of bridge on School Street, 1.0 mi			7-23-01	8.17
		southeast of Northborough, MA.			8-23-01	7.14
					10-01-01	5.75
					10-19-01	6.64
					11-14-01	5.29
					12-27-01	14.1
					1-22-02	11.6
					2-20-02	15.2
					4-02-02	66.9
					4-22-02	16.0
					5-31-02	22.1
					6-24-02	22.9
					7-18-02	8.55
					8-22-02	5.33
					9-17-02	8.78
					10-21-02	12.4
01096700	Cold Harbor Brook	Lat 42°19'28", long 71°38'37", Worcester County,	2.68	1962–65	7-23-01	.78
Howard Brook		10 ft upstream of bridge on Whitney Street, 0.4 mi			8-23-01	.46
		north of Northborough, MA.			10-01-01	.35
					10-19-01	.09
					11-14-01	.43
					12-27-01	.81
					1-22-01	.86
					2-19-01	1.66
					4-02-01	10.3
					4-22-01	2.54
					5-24-01	6.03
					6-21-02	2.33
					7-18-02	.84
					8-21-02	.41
					9-17-02	.30
					10-21-02	.88
					12-17-02	10.4
01096701	Assabet River	Lat 42°19'13", long 71°14'27", Worcester County, at	5.06	--	7-17-02	.66
Cold Harbor		bridge on Cherry Street, 1.2 mi west of			8-06-02	.93
Brook		Northborough, MA.			9-04-02	1.01
					11-01-02	7.49
01096705	do.	Lat 42°19'26", long 71°38'31", Worcester County, in	6.80	1976–78	6-27-01	6.78
Cold Harbor		spillway downstream of dam at Mill Street, 0.3 mi			7-23-01	1.72
Brook		north of Northborough, MA.			8-23-01	0
					9-24-01	0
					11-14-01	0
					12-27-01	2.16
					2-19-02	2.79
					4-02-02	26.1
					4-22-02	8.28
					5-26-02	10.7
					6-21-02	11.6
					7-18-02	8.34
					8-19-02	0
					9-17-02	0
					10-21-02	.54
					12-17-02	35.6

See footnotes at end of table

**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01096707 Assabet River	Concord River	Lat 42°19'23", long 71°38'19", Worcester County, at bridge on River Street, 0.3 mi east of Northborough, MA.	29.3	--	11-14-01	7.59
01096710 Assabet River	do.	Lat 42°19'46", long 71°37'48", Worcester County, 100 ft downstream of Woodside Mill dam, 200 ft downstream of Allen Street, 0.7 mi northeast of Northborough, MA.	29.5	--	6-06-01 6-15-01 7-03-01 7-23-01 8-13-01 8-23-01 10-01-01 10-19-01 11-14-01 12-27-01 1-22-02 2-19-02 4-02-02 4-22-02 5-24-02 6-24-02 7-18-02 8-22-02 9-17-02 10-21-02 12-18-02	53.4 10.6 39.6 14.9 18.1 12.1 12.7 8.35 9.10 21.4 14.7 21.1 102 29.7 55.1 33.0 18.3 9.96 10.8 13.7 142
01096730 Assabet River	do.	Lat 41°21'11", long 71°36'57", Middlesex County, 45 ft downstream of bridge on Donald Lynch Boulevard, 3 mi west of Marlborough, MA.	39.5	--	6-27-01 7-23-01 8-23-01 10-01-01 10-19-01 11-14-01 12-28-01 1-22-02 2-19-02 4-02-02 4-23-02 5-24-02 6-24-02 7-19-02 8-22-02 9-17-02 10-21-02	57.5 49.4 19.7 19.0 15.6 15.3 25.8 23.2 34.8 129 54.3 74.0 50.5 33.6 20.5 29.7 30.3
01096805 North Brook	Assabet River	Lat 42°21'15", long 71°37'40", Worcester County, 10 ft downstream of bridge at Whitney Street, 2 mi south of Berlin, MA.	15.5	1976-78, 1990-92	5-27-01 6-11-01 7-23-01 8-23-01 9-25-01 10-19-01 11-15-01 12-27-01 1-22-02 2-19-02 4-02-02 4-23-02 5-26-02 6-24-02 12-17-02	6.65 2.50 3.28 2.23 .88 2.30 1.18 4.87 4.38 7.51 56.1 25.1 22.8 11.5 57.8

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**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01096830 Assabet River	Concord River	Lat 42°24'49", long 71°35'12", Middlesex County, downstream side of bridge on Chapin Road, 1.1 mi southwest of Hudson, MA.	59.9	--	6-27-01	78.9
					7-23-01	25.0
					8-27-01	18.0
					9-24-01	29.9
					10-22-01	15.8
					11-16-01	20.6
					12-27-01	50.7
					1-22-02	29.9
					2-19-02	62.5
					4-04-02	179
					4-24-02	84.9
					5-24-02	116
					6-21-02	81.9
7-15-02	24					
8-19-02	10.9					
9-17-02	22.9					
10-21-02	35.4					
12-18-02	491					
01096838 Hog Brook	Assabet River	Lat 42°23'31", long 71°34'40", Middlesex County, above Tripp Pond at the end of footpath off Green Street, 0.4 mi west of Hudson, MA.	3.03	--	6-27-01	2.99
					7-23-01	.92
					8-24-01	.31
					11-15-01	.37
					4-23-02	3.80
					5-24-02	5.61
					6-21-02	2.07
					10-22-02	.7
12-16-02	10.8					
01096840 Assabet River	Concord River	Lat 42°23'24", long 71°34'11", Middlesex County, 0.1 mi downstream side State Route 85, 0.15 mi southeast of Hudson, MA.	63.9	--	6-29-01	60.7
					7-24-01	28.7
					8-29-01	25.9
					10-01-01	27.5
					10-22-01	17.9
					11-14-01	18.8
					12-28-01	35.8
					1-23-02	28.0
					2-20-02	45.0
					4-03-02	171
					4-23-02	82.8
					5-26-02	91.7
6-24-02	58.9					
7-19-02	32.8					
8-22-02	17.1					
9-17-02	18.2					
10-22-02	28.5					

See footnotes at end of table

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01096853	Assabet River	Lat 42°24'13", long 71°34'29", Middlesex County, 10 ft upstream of bridge on State Route 85, 0.8 mi north of Hudson, MA.	5.12	--	6-15-01	0.92
	Danforth Brook				7-24-01	.66
					8-27-01	.19
					9-24-01	.005
					10-22-01	0
					11-15-01	0
					12-28-01	.96
					1-23-02	1.18
					2-20-02	3.08
					4-01-02	19.0
					4-04-02	20.2
					4-23-02	6.08
					5-25-02	8.83
					6-18-02	3.94
					10-23-02	.18
					12-16-02	63.9
01096877	do.	Lat 42°23'12", long 71°31'45", Middlesex County, 50 ft upstream of bridge on Shay St., 2.1 mi east of Hudson, MA.	4.99	--	7-26-02	1.56
	Fort Meadow Brook				8-06-02	.85
01096880	do.	Lat 42°23'20", long 71°31'19", Middlesex County, downstream side of bridge on Chestnut Street, 2.5 mi east of Hudson, MA.	5.23	1975-78	6-15-01	1.07
	Fort Meadow Brook				7-24-01	.85
					8-27-01	.77
					9-25-01	.67
					10-22-01	16.3
					11-15-01	2.28
					12-28-01	2.83
					4-03-02	2.70
					4-23-02	1.73
					5-26-02	4.71
					6-24-02	3.74
					7-18-02	3.00
					12-16-02	30.5
01096898	Elizabeth Brook	Lat 42°26'09", long 71°34'12", Worcester County, downstream side of bridge on State Route 117 near Meadow Road, 2.1 mi east of Bolton, MA.	4.46	--	5-21-01	2.43
	Great Brook				6-11-01	.64
					7-24-01	.93
					8-27-01	.39
					9-26-01	.30
					10-22-01	.14
					11-15-01	.33
					12-28-01	.78
					1-23-02	.44
					2-21-02	3.55
					4-03-02	11.9
					4-23-02	6.35
					5-25-02	7.67
					6-25-02	2.58
					7-15-02	.69
					8-21-02	.03
					9-18-02	.20
					10-23-02	.39
					12-16-02	29.5

See footnotes at end of table

**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01096945 Elizabeth Brook	Assabet River	Lat 42°25'36", long 71°29'07", Middlesex County, at end of unnamed paved road off White Pond Road, 1.3 mi southeast of Stow, MA.	18.7	--	5-21-01	12.2
					6-11-01	5.4
					7-24-01	4.65
					8-29-01	1.99
					9-26-01	2.94
					10-22-01	1.41
					11-15-01	2.08
					12-04-01	3.20
					12-28-01	6.69
					1-23-02	6.43
					2-20-02	10.1
					4-01-02	60.8
					4-04-02	60.8
					4-24-02	25.2
5-25-02	34.3					
6-18-02	25.0					
8-21-02	.67					
9-18-02	.91					
10-22-02	5.49					
12-16-02	161					
01097048 Assabet River	Concord River	Lat 42°27'05", long 71°23'33", Middlesex County, at bridge on Pine Street, 0.8 mi southeast of West Concord, MA.	119	--	5-21-01	81.0
					6-28-01	141
					7-25-01	43.8
					8-31-01	33.5
					9-24-01	36.0
					10-23-01	44.8
					11-15-01	35.9
					12-29-01	58.8
					1-23-02	55.0
					2-20-02	76.5
					4-04-02	358
					4-24-02	145
					5-25-02	253
					5-31-02	208
6-25-02	93.4					
7-15-02	37.4					
8-19-02	19.1					
9-19-02	23.1					
10-22-02	45.6					
12-11-02	101					
01097050 Assabet River	do.	Lat 42°27'23", long 71°23'26", Middlesex County, at bridge on Main Street, 0.8 mi east of West Concord, MA.	120	1968, 1990–92	5-21-01	81.2
					6-28-01	126
					7-25-01	44.0
					8-31-01	32.8
					5-31-02	179

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**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01097095	Fort Pond Brook	Lat 42°29'37", long 71°29'13", Middlesex County, 5 ft upstream of bridge on Sargent Road, 1.5 mi northwest of West Acton, MA.	2.16	--	7-24-01	0.07
Unnamed Tributary					8-24-01	.05
					12-28-01	.57
					1-23-02	.87
					2-20-02	1.45
					4-03-02	8.54
					4-24-02	1.93
					5-25-02	3.40
					6-25-02	.92
					7-15-02	.09
					8-19-02	0
					9-21-02	0
					10-22-02	.03
					12-11-02	1.10
01097260	Assabet River	Lat 42°27'30", long 71°27'33", Middlesex County, at bridge on Stow Street, 2.2 mi south of Acton, MA.	20.3	--	5-21-01	4.33
Fort Pond Brook						
01097270	do.	Lat 42°27'34", long 71°26'34", Middlesex County, downstream side of bridge on River Street near Crawford Street, 1.9 mi south of Acton, MA.	20.8	--	5-21-01	5.93
Fort Pond Brook					6-27-01	15.1
					7-24-01	2.26
					8-29-01	.82
					10-01-01	.53
					10-23-01	.31
					11-16-01	.64
					12-28-01	8.26
					1-23-02	7.26
					2-20-02	13.8
					4-03-02	75.1
					4-24-02	30.1
					5-25-02	28.7
					6-25-02	6.16
					9-18-02	.30
					10-22-02	.74
					12-11-02	9.96
01097380	do.	Lat 42°27'32", long 71°23'50", Middlesex County, 10 ft downstream of bridge on Commonwealth Avenue, 0.4 mi east of West Concord, MA.	48.0	--	5-21-01	18.6
Nashoba Brook					6-28-01	35.4
					7-25-01	9.66
					8-29-01	5.34
					9-24-01	2.91
					10-23-01	3.28
					11-15-01	3.79
					12-29-01	19.1
					1-23-02	20.5
					2-20-02	33.9
					4-01-02	163
					4-04-02	172
					4-24-02	56.4
					5-25-02	79.1
					6-25-02	26.8
					7-15-02	5.6
					8-06-02	2.28
					8-19-02	.54
					9-19-02	1.04
					10-23-02	7.86
					12-11-02	30.2

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**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>MERRIMACK RIVER BASIN—Continued</b>						
01097412	Assabet River	Lat 42°28'25", long 71°22'32", Middlesex County,	7.12	--	5-21-01	1.40
Spencer Brook		50 ft downstream of bridge on Barretts Mill Road, 1.7 mi northwest of Concord, MA.			6-28-01	1.03
					7-25-01	.82
					8-31-01	.53
					9-24-01	.16
					10-23-01	.10
					11-15-01	.34
					12-29-01	2.75
					1-24-02	3.40
					2-20-02	4.99
					4-01-02	41.1
					4-04-02	22.2
					4-24-02	9.70
					5-25-02	2.91
					6-25-02	1.46
					8-19-02	.02
					10-23-02	.20
					12-11-02	3.21
<b>PAWTUXET RIVER BASIN</b>						
01115110	Regulating	Lat 41°50'48", long 71°36'44", Providence County, at	6.31	1993–2001	11-01-01	0.37
Huntinghouse	Reservoir	Elmdale Road, 1.6 mi northwest of North Scituate, RI.			3-29-02	16.7
Brook					4-17-02	7.17
					6-17-02	6.45
					7-19-02	.04
					8-07-02	0
01115114	do.	Lat 41°50'15", long 71°36'45", Providence County,	6.31	1993–2001	11-01-01	.19
Rush Brook		near Elmdale Road, 1.5 mi northwest of North Scituate, RI.			3-29-02	11.9
					4-17-02	3.47
					6-17-02	4.78
					7-19-02	.02
					8-07-02	0
01115120	Scituate Reservoir	Lat 41°49'53", long 71°36'34", Providence County, at	.42	1994–2001	11-01-01	0
Unnamed		State Highway 6, 1.2 mi west of North Scituate, RI.			3-29-02	.49
Tributary					4-17-02	.22
					6-17-02	.21
					7-12-02	0
					8-07-02	0
01115170	Regulating	Lat 41°50'27", long 71°35'06", Providence County, at	--	1994–95, 2000–01	11-01-01	.15
Moswansicut	Reservoir	State Highway 116, 0.6 mi northeast of North Scituate, RI.			3-29-02	2.21
Stream					4-17-02	3.38
					6-17-02	3.70
					7-12-02	.31
					8-07-02	.30
01115180	Scituate Reservoir	Lat 41°49'10", long 71°35'11", Providence County, at	1.59	1993–2001	11-01-01	.34
Brandy Brook		State Highway 116, 0.9 mi south of North Scituate, RI.			3-29-02	3.84
					6-17-02	2.51
					7-12-02	.48
					8-07-02	.17
					9-27-02	1.45
01115183	do.	Lat 41°47'51", long 71°24'53", Providence County, at	1.96	1993–2001	11-01-01	.08
Quonapaug		State Highway 116, 2.4 mi south of North Scituate, RI.			3-29-02	5.06
Brook					6-17-02	3.06
					7-12-02	.01 <sup>e</sup>
					8-07-02	0
					9-27-02	2.23

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Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>PAWTUXET RIVER BASIN—Continued</b>						
01115184 Spruce Brook	Scituate Reservoir	Lat 41°47'19", long 71°37'14", Providence County, 0.2 mi south of State Highway 14, 3.5 mi southwest of North Scituate, RI.	0.30	1994–2001	11-02-01	0.32
					3-29-02	3.18
					6-17-02	2.69
					7-12-02	.40
					8-07-02	.05
9-27-02	1.64					
01115185 Windsor Brook	Ponaganset River	Lat 41°50'10", long 71°43'23", Providence County, at Windsor Road, 1.3 mi northwest of South Foster, RI.	--	1993–94, 1999–2001	11-02-01	.32
					3-29-02	11.1
					4-17-02	5.04
					6-17-02	5.70
					7-19-02	.01 <sup>e</sup>
8-07-02	0					
01115190 Dolly Cole Brook	Barden Reservoir	Lat 41°49'20", long 71°42'03", Providence County, at Old Danielson Pike at South Foster, RI.	5.07	1993–2001	11-02-01	.32
					3-29-02	16.2
					4-17-02	4.86
					6-17-02	5.54
					7-19-02	.36
9-27-02	2.56					
01115265 Hemlock Brook	do.	Lat 41°47'26", long 71°41'57", Providence County, at King Road, 1.2 mi northeast of Foster Center, RI.	--	1996–2001	11-02-01	.93
					3-29-02	33.3
					4-17-02	9.02
					6-17-02	18.7
					7-19-02	.20
8-07-02	.08					
01115275 Bear Tree Brook	Westconnaug Stream	Lat 41°46'57", long 71°40'31", Providence County, at King Road, 1.2 mi northeast of Foster Center, RI.	.64	1994–95, 2000–01	11-02-01	.26
					3-29-02	1.20
					6-17-02	1.28
					7-12-02	.35
					8-07-02	.20
9-27-02	1.43					
01115280 Cork Brook	Scituate Reservoir	Lat 41°48'14", long 71°39'01", Providence County, at Rockland Scituate Road, 0.8 mi northeast of Crazy Corners, RI.	1.91	1993–2001	11-02-01	.12
					3-29-02	3.26
					4-17-02	1.74
					6-17-02	1.79
					7-12-02	.18
8-07-02	0					
01115297 Wilbur Hollow Brook	Barden Reservoir	Lat 41°45'53", long 71°38'10", Providence County, at Old Plainfield Pike, 2.2 mi southeast of Rockland, RI.	4.45	1992–2001	11-01-01	.59
					3-29-02	9.77
					6-17-02	6.58
					7-12-02	.22
					8-07-02	.06
9-27-02	2.72					
01115500 Pawtuxet River	Narragansett Bay	Lat 41°43'58", long 71°33'01", Providence County, near Fairground Way, at Fiskeville, RI.	102	1915–25 <sup>a</sup> , 1986–87 <sup>c</sup> , 1996–2001	11-01-01	26.8
					3-29-02	40.4
					6-17-02	35.2
					7-12-02	25.4
8-07-02	23.9					
<b>PAWCATUCK RIVER BASIN</b>						
01117336 Chipuxet River	Worden Pond	Lat 41°31'03", long 71°31'33", Washington County, at culvert on Yawgoo Valley Road, 2.7 mi northeast of West Kingston, RI.	6.34	1959–60, 1972	8-26-02	0.49

See footnotes at end of table

**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>PAWCATUCK RIVER BASIN—Continued</b>						
01117354 Queen River	Usquepaug River	Lat 41°34'43", long 71°32'37", Washington County, at bridge on State Route 102, 0.3 mi west of Exeter, RI.	2.80	1993, 2000–01	10-26-01 12-03-01 7-29-02 8-26-02	0.66 1.03 1.21 .69
01117355 Queen River	do.	Lat 41°33'45", long 71°32'54", Washington County, at bridge on William Reynolds Road, 1.2 mi southwest of Exeter, RI. (Note: Drainage Area revised from 3.69 mi <sup>2</sup> )	3.75	1959–60, 1988–93, 1999–2001	10-26-01 12-03-01 7-26-02 7-29-02	.93 .94 .46 .55
01117360 Fisherville Brook	Queen River	Lat 41°33'51", long 71°33'54", Washington County, at bridge on Liberty Church Road, 1.7 mi southwest of Exeter, RI.	8.14	1959–60, 1988–93, 2000–01	10-26-01 12-03-01 7-29-01 8-26-02	3.35 3.82 1.97 .42
01117367 Queens Fort Brook	do.	Lat 41°32'47", long 71°33'11", Washington County, 300 ft east of intersection Dawley Road and School Land Road, 1.2 mi northeast of Liberty, RI.	4.09	2000–01	10-26-01 12-03-01 12-04-01 7-29-02 8-26-02	.00 .01 .00 .09 .00
01117368 Queen River	Usequepaug River	Lat 41°32'55", long 71°34'40", Washington County, at bridge on Dawley Road, 0.9 mi northeast of Liberty, RI.	18.4	1993, 2000–01	10-26-01 12-04-01 7-29-02	6.62 5.03 8.40
01117375 Unnamed Tributary	Queen River	Lat 41°32'20", long 71°34'48", Washington County, at culvert on Mail Road, 0.3 mi west of Liberty, RI.	.82	1989–91, 1999–2001	10-17-01 10-30-01 11-15-01 7-26-02 8-26-02	.00 .00 .00 .01 .00
01117380 Locke Brook	do.	Lat 41°32'14", long 71°35'17", Washington County, at bridge on Mail Road, 0.8 mi west of Liberty, RI.	4.37	1959–60, 1989–91, 1993, 2000–01	10-26-01 12-04-01 7-26-02 8-26-02	1.72 1.73 1.74 1.07
01117385 Rake Factory Brook	Glen Rock Reservoir	Lat 41°31'08", long 71°35'58", Washington County, at culvert on Glen Rock Road, 1.2 mi northeast of Glen Rock, RI.	.25	1989–91, 1999–2001	10-30-01 11-15-01 7-26-02 8-26-02	.00 .00 .00 .00
01117390 Glen Rock Brook	do.	Lat 41°30'59", long 71°36'23", Washington County, at culverts on Glen Rock Road, at Glen Rock, RI.	2.83	1989–91, 1993, 2000–01	10-26-01 12-04-01 12-05-01 7-26-02 8-26-02	.80 1.10 1.05 .57 .25
01117400 Sherman Brook	Glen Rock Brook	Lat 41°31'04", long 71°36'18", Washington County, at culvert on Glen Rock Road, 0.1 mi north of Glen Rock, RI.	1.04	1966–74 <sup>b</sup> , 1989–91, 1993, 2000–01	10-26-01 12-04-01 7-26-02 8-25-02	.46 .40 .02 .00
01117421 Chickasheen Brook	Usquepaug River	Lat 41°29'54", long 71°33'55", Washington County, at bridge on State Highway 2, 1.2 mi northwest of West Kingston, RI.	3.26	--	8-26-02	.00
01117424 Chickasheen Brook	do.	Lat 41°28'49", long 71°34'26", Washington County, at bridge on Liberty Lane, 1 mi west of West Kingston, RI.	4.82	1959–60, 1991–92	8-15-02 8-28-02 9-23-02	.46 .45 1.65
01117430 Pawcatuck River	Block Island Sound (Atlantic Ocean)	Lat 41°26'58", long 71°36'58", Washington County, at bridge on State Highway 2, 0.2 mi east of Kenyon, RI.	72.7	1958–60 <sup>a</sup>	8-15-02 8-28-02 9-24-02	15.4 12.0 30.0

See footnotes at end of table

## DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>PAWCATUCK RIVER BASIN—Continued</b>						
01117450 Pasquiset Brook	Pawcatuck River	Lat 41°26'38", long 71°37'39", Washington County, at bridge on State Highway 2, 0.2 mi south of Kenyon, RI.	6.32	1966–67, 1974, 1976	8-26-02	0.13
01117465 Beaver River	do.	Lat 41°31'32", long 71°38'23", Washington County, at bridge on Hillsdale Road, 3.2 mi east of Wyoming, RI.	5.53	1966–67, 1974, 1976, 1991	8-27-02	.78
01117471 Beaver River	do.	Lat 41°27'51", long 71°37'42", Washington County, at bridge on Shannock Hill Road 1.2 mi northeast of Shannock, RI.	11.2	1966–67, 1974–76, 1991, 1997	8-15-02 8-30-02 9-20-02	2.93 5.71 5.31
01117480 Taney Brook	do.	Lat 41°27'38", long 71°38'54", Washington County, at culvert on Shannock Hill Road, 0.8 mi northeast of Carolina, RI.	1.67	1966–67	8-26-02	.07
01117600 Meadow Brook	do.	Lat 41°27'59", long 71°41'26", Washington County, at bridge on Pine Hill Road, 1.5 mi northwest of Carolina, RI.	5.53	1965–74 <sup>a</sup> , 1977	8-07-02 8-14-02 8-28-02	.22 .15 .09
01117700 Cedar Swamp Brook	do.	Lat 41°25'37", long 71°41'44", Washington County, at culvert on Kings Factory Road, 0.7 mi south of Wood River Junction, RI.	5.10	1966–67	8-26-02	.12
01117720 Wood River	do.	Lat 41°36'45", long 71°45'39", Washington County, at bridge on Stepstone Falls Road, 0.6 mi northeast of Escoheag, RI.	11.4	1966–67, 1991	8-26-02	.02
01117740 Kelley Brook	Wood River	Lat 41°36'44", long 71°45'13", Washington County, at bridge on Stepstone Falls Road, 0.8 mi northeast of Escoheag, RI.	4.20	1966–67, 1991	8-26-02	3.31
01117750 Acid Factory Brook	Eisenhower Lake	Lat 41°37'59", long 71°43'22", Kent County, at culvert on Plain Meeting House Road, 4.1 mi south of Summit, RI.	1.31	1966	8-26-02	.03
01117760 Flat River	Wood River	Lat 41°35'44", long 71°43'14", Washington County, at bridge on Plain Road, 3.1 mi northwest of Arcadia, RI.	8.38	1979, 1982	8-27-02	1.87
01117780 Breakheart Brook	Flat River	Lat 41°35'16", long 71°42'36", Washington County, at bridge on Frosty Hollow Road, 2.4 mi north of Arcadia, RI.	6.68	1966–67, 1979, 1982, 1991–92	8-27-02	.82
01117840 Parris Brook	Wood River	Lat 41°33'54", long 71°43'35", Washington County, at bridge on White Pine Drive, 800 ft below Woody Hill Brook, and 1.7 mi northwest of Arcadia, RI.	7.18	1966–67, 1979, 1991	8-27-02	.09
01117860 Roaring Brook	do.	Lat 41°33'30", long 71°41'08", Washington County, at bridge on Old Nooseneck Road, 0.7 mi northeast of Arcadia, RI.	5.01	1966–67, 1991	8-27-02	.74
01117900 Brushy Brook	Locustville Pond	Lat 41°31'43", long 71°44'13", Washington County, at culvert on Saw Mill Road, 1.8 mi northwest of Hope Valley, RI.	3.71	1966–67, 1977, 1979, 1991	8-27-02	.11
01117950 Moscow Brook	Brushy Brook	Lat 41°31'38", long 71°44'12", Washington County, at bridge on Saw Mill Road, 1.7 mi northwest of Hope Valley, RI.	6.37	1966–67, 1977–79, 1991	8-27-02	.15
01118006 Canonchet Brook	Wood River	Lat 41°28'39", long 71°43'47", Washington County, at bridge on Rockville–Alton Road, 2.2 mi southwest of Hope Valley, RI.	5.89	1977, 1991	8-27-02	.90
01118008 Wood River Tributary	do.	Lat 41°26'15", long 71°43'25", Washington County, at culvert on Rockville–Alton Road, 0.1 mi west of Alton, RI.	2.05	1977	8-27-02	.30
01118009 Wood River	Pawcatuck River	Lat 41°26'10", long 71°43'17", Washington County, 0.1 mi south of State Route 91, 0.1 mi south of Alton, RI.	85.7	1977, 1991	8-27-02	20.2

See footnotes at end of table

**DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES**

Discharge measurements made at miscellaneous sites October 2001 through September 2002--Continued

Stream	Tributary to	Location	Drainage area (mi <sup>2</sup> )	Measured previously (water years)	Measurements	
					Date	Discharge (ft <sup>3</sup> /s)
<b>PAWCATUCK RIVER BASIN—Continued</b>						
01118010	Block Island Sound (Atlantic Ocean)	Lat 41°24'58", long 71°43'46", Washington County, at bridge on Burdickville Road, at Burdickville, RI.	205	1966–67, 1977, 1991	8-07-02	64.8
Pawcatuck River					8-14-02	51.0
					8-28-02	44.6
01118022	Watchaug Pond	Lat 41°22'28", long 71°42'59", Washington County, at bridge on Klondike Road, 2.3 mi southeast of Bradford, RI.	2.36	--	8-27-02	.09
01118055	Pawcatuck River	Lat 41°24'40", long 71°45'51", Washington County, at bridge on State Route 216, at intersection with Chase Hill Road, 0.8 mi northwest of Bradford, RI.	6.67	1991	8-26-02	.38
01118255	Ashaway River	Lat 41°28'20", long 71°49'00", New London County, at bridge on Putker Road, 0.1 mi west of Laurel Glen, CT.	7.42	1963–67	8-27-02	.08
01118340	Green Fall River	Lat 41°27'17", long 71°49'36", New London County, at bridge on State Route 216, 0.5 mi west of Clarks Falls, CT.	11.5	--	8-27-02	.38
01118352	do.	Lat 41°28'05", long 71°48'31", New London County, at culvert on Pine Woods Road, 0.4 mi southeast of Laurel Glen, CT.	1.92	1965–67	8-27-02	.00
01118355	Ashaway River	Lat 41°26'51", long 71°47'27", Washington County, at bridge at northeast end of State Route 184, 1.1 mi southwest of Hopkington, RI.	2.54	1966–67	8-27-02	.01
01118360	Pawcatuck River	Lat 41°25'24", long 71°47'32", Washington County, at bridge on Laurel Street, 0.4 mi west of Ashaway, RI.	28.6	1991	8-15-02	3.81
Ashaway River					8-28-02	.94
01118365	do.	Lat 41°25'13", long 71°49'20", New London County, at bridge on Boom Bridge Road, 1.3 mi northwest of Potter Hill, RI.	1.59	1966–67	8-27-02	.20
01118373	do.	Lat 41°26'27", long 71°52'58", New London County, at bridge on Main Street, 0.1 mi west of North Stonington, CT.	7.79	1965	8-27-02	.56
01118375	Shunock River	Lat 41°26'19", long 71°54'39", New London County, at bridge on Jeremy Hill Road, 1.5 mi west of North Stonington, CT.	1.63	1963–65	8-27-02	.00
01118380	do.	Lat 41°26'19", long 71°53'05", New London County, at bridge on State Route 2, 0.2 mi southwest of North Stonington, CT.	4.54	1963–65	8-27-02	.00
01118400	Pawcatuck River	Lat 41°24'36", long 71°50'43", New London County, at bridge on State Route 49, 2.9 mi southeast of North Stonington, CT.	17.2	1961–73	8-15-02	2.37
Shunock River					8-28-02	1.40
					9-23-02	5.66

<sup>a</sup> Operated as a continuous-record gaging station.

<sup>b</sup> Operated as a crest-stage partial-record station and published as "Glen Rock Brook tributary."

<sup>c</sup> Data not published in 1986–87 annual data report.

<sup>e</sup> Estimated.