

CONNECTICUT RIVER BASIN

01185500 WEST BRANCH FARMINGTON RIVER NEAR NEW BOSTON, MA

LOCATION.--Lat 42°04'45", long 73°04'24", Berkshire County, Hydrologic Unit 01080207, on left bank 5 ft downstream from highway bridge, 0.3 mi downstream from Clam River, 1 mi south of New Boston, and at mile 65.0.

DRAINAGE AREA.--91.7 mi².

PERIOD OF RECORD.--May 1913 to current year. Prior to October 1948, published as Farmington River near New Boston.

REVISED RECORDS.--WSP 641: 1924(M). WSP 781: 1928(M). WSP 1231: 1914. WDR MA-RI-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 758.21 ft above sea level.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Flow regulated by Otis Reservoir 7.0 mi upstream on Fall River. High flow slightly affected by retarding reservoirs since 1966. Satellite and telephone gage-height telemeter at station.

AVERAGE DISCHARGE.--87 years, 184 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34,300 ft³/s, Aug. 19, 1955, gage height, 14.06 ft, from rating curve extended above 9,600 ft³/s on basis of slope-area measurement of peak flow; minimum daily, 2.4 ft³/s, Aug. 20, 21, 1957.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,350 ft³/s, June 7, gage height, 6.75 ft, minimum daily, 27 ft³/s, Sept. 1.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	302	285	225	e90	e80	402	165	149	90	234	223	27
2	147	265	202	90	e80	335	145	136	107	217	195	51
3	105	730	182	107	e78	275	138	121	230	208	146	158
4	174	506	151	134	e78	231	213	112	191	179	100	134
5	203	421	148	211	e74	210	239	107	176	149	86	115
6	159	369	164	e130	e74	194	197	104	392	86	75	61
7	142	334	212	e100	e74	194	165	96	1800	73	80	44
8	123	313	192	e94	e76	233	145	90	961	62	74	38
9	128	304	175	e90	e80	317	203	86	639	54	66	37
10	136	294	177	163	e74	519	229	139	491	54	66	43
11	197	265	213	303	e74	505	212	434	388	49	59	36
12	177	218	178	233	e74	874	195	289	380	42	151	32
13	148	232	169	191	88	715	178	220	286	38	216	59
14	157	228	181	151	217	497	163	271	428	37	146	59
15	223	217	279	e140	384	383	157	195	384	142	132	182
16	328	205	277	e130	270	332	150	146	315	1470	148	221
17	249	201	245	e120	191	591	139	116	260	799	124	127
18	99	208	208	e110	e160	443	152	127	248	478	68	87
19	84	201	180	e100	e130	336	148	284	224	263	59	75
20	100	196	175	e100	e120	284	136	341	153	142	57	144
21	127	238	294	e120	110	282	249	288	125	100	53	117
22	153	225	e230	e150	92	256	584	289	138	85	44	87
23	460	220	e180	e130	89	215	452	275	174	72	44	74
24	431	177	e150	e115	110	168	334	369	136	60	71	69
25	372	117	e120	e110	e140	154	255	448	150	55	55	60
26	336	140	e118	e100	e200	159	213	356	233	51	47	63
27	322	424	e110	e100	e280	142	236	273	194	364	42	82
28	340	381	e105	e96	673	279	231	195	124	367	41	71
29	327	310	e100	e90	570	298	207	140	215	253	38	60
30	313	264	e98	e88	---	245	175	117	351	188	32	57
31	307	---	e94	e84	---	197	---	101	---	240	30	---
TOTAL	6869	8488	5532	3970	4740	10265	6405	6414	9983	6611	2768	2470
MEAN	222	283	178	128	163	331	214	207	333	213	89.3	82.3
MAX	460	730	294	303	673	874	584	448	1800	1470	223	221
MIN	84	117	94	84	74	142	136	86	90	37	30	27

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2000, BY WATER YEAR (WY)

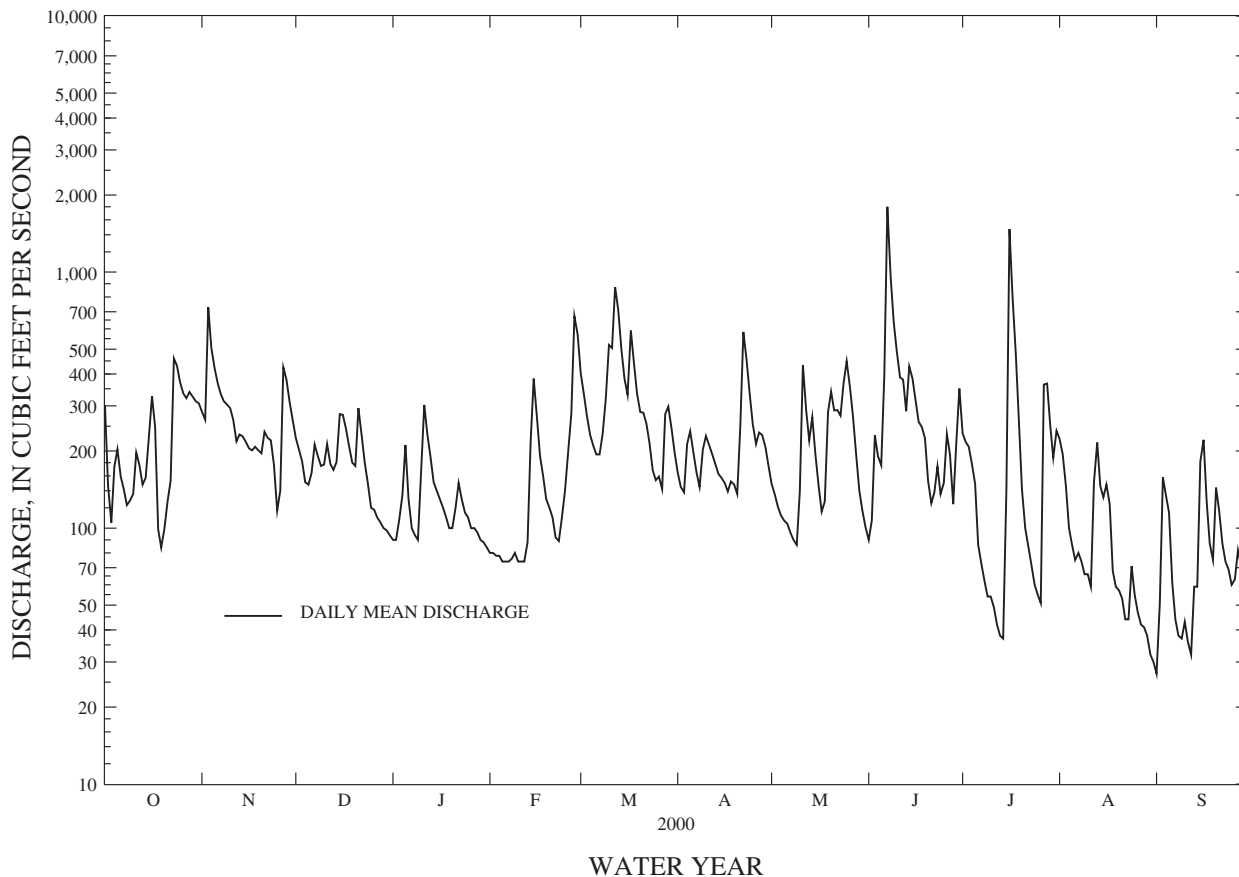
	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
MEAN	142	210	197	182	166	303	405	218	130	81.6	86.3	90.1																																																																												
MAX	774	817	563	529	608	947	934	627	479	290	1002	644																																																																												
(WY)	1956	1928	1997	1996	1981	1936	1993	1984	1982	1945	1955	1938																																																																												
MIN	19.9	27.0	31.1	20.1	34.7	88.5	96.1	61.6	23.9	9.26	5.68	8.81																																																																												
(WY)	1915	1915	1918	1981	1980	1965	1985	1941	1964	1962	1957	1995																																																																												

01185500 WEST BRANCH FARMINGTON RIVER NEAR NEW BOSTON, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1913 - 2000	
ANNUAL TOTAL	69439.9		74515		184	
ANNUAL MEAN	190		204		341	
HIGHEST ANNUAL MEAN					1928	
LOWEST ANNUAL MEAN					66.1	
HIGHEST DAILY MEAN	1980	Mar 22	1800	Jun 7	16100	Aug 19 1955
LOWEST DAILY MEAN	3.8	Aug 13	27	Sep 1	2.4	Aug 20 1957
ANNUAL SEVEN-DAY MINIMUM	4.6	Aug 7	37	Aug 26	3.1	Sep 9 1957
INSTANTANEOUS PEAK FLOW			2350	Jun 7	34300	Aug 19 1955
INSTANTANEOUS PEAK STAGE			6.75	Jun 7	14.06	Aug 19 1955
INSTANTANEOUS LOW FLOW			27	Sep 1		
10 PERCENT EXCEEDS	388		370		400	
50 PERCENT EXCEEDS	142		162		115	
90 PERCENT EXCEEDS	13		62		27	

e Estimated

WEST BRANCH FARMINGTON RIVER NEAR NEW BOSTON, MA 01185500



HOUSATONIC RIVER BASIN

01197000 EAST BRANCH HOUSATONIC RIVER AT COLTSVILLE, MA

LOCATION.--Lat 42°28'10", long 73°11'49", Berkshire County, Hydrologic Unit 01100005, on right bank 250 ft downstream from Hubbard Avenue Bridge at Coltsville, 1.2 mi upstream from Unkamet Brook, and 2 mi northeast of Pittsfield. Prior to Nov. 8, 1994, at site 200 ft upstream.

DRAINAGE AREA.--57.6 mi².

PERIOD OF RECORD.--Discharge: March 1936 to current year. Prior to October 1945, published as Housatonic River at Coltsville.

Water-quality records: Water years 1963-65.

REVISED RECORDS.--WSP 851: 1936(M). WDR MA-RI-82-1: 1976-77, 1979-80. WDR MA-RI-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 993.49 ft above sea level. Prior to Nov. 8, 1994, at site 200 ft upstream at same datum.

REMARKS.--Records good except those for estimated daily discharge, which are fair. Flow regulated by powerplants upstream and, since 1949, by Cleveland Brook Reservoir, usable capacity, 214,000,000 ft³, 5.4 mi upstream; regulation greater prior to 1955. Diversion upstream from Cleveland Brook Reservoir for municipal supply of Pittsfield since May 1950. Telephone gage-height telemeter at station.

AVERAGE DISCHARGE.--65 years, 107 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,400 ft³/s, Sept. 21, 1938, gage height, 10.80 ft, from rating curve extended above 2,300 ft³/s on basis of computation of peak flow over dam; minimum daily, 4.4 ft³/s, Aug. 15, 1936.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1755, that of Sept. 21, 1938.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,640 ft³/s, June 7, gage height, 5.14 ft; minimum daily, 29 ft³/s, Jan. 23.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	57	81	41	38	298	141	97	61	88	128	35
2	48	64	70	41	37	217	118	90	138	71	93	164
3	33	260	68	57	36	170	111	81	319	67	87	381
4	66	165	73	78	38	145	238	75	176	80	192	170
5	93	116	81	162	41	128	271	70	131	72	119	105
6	61	104	82	91	49	111	167	66	244	58	72	79
7	45	93	107	82	55	105	139	62	1890	51	79	58
8	50	85	101	73	54	130	128	61	752	47	72	52
9	83	82	89	58	52	190	186	62	327	46	59	47
10	82	82	86	73	42	459	210	74	238	49	58	46
11	109	88	104	166	41	319	184	231	215	44	68	44
12	73	80	92	140	38	423	144	161	666	40	597	44
13	58	66	83	94	35	375	119	120	451	37	313	295
14	66	64	87	65	74	256	112	133	615	34	204	191
15	77	64	108	57	96	215	112	105	384	52	262	223
16	68	60	109	59	e91	231	109	85	237	514	199	265
17	64	53	107	44	e73	499	102	69	240	262	175	144
18	63	45	86	41	e57	296	126	72	293	144	136	96
19	53	42	68	40	53	209	125	153	295	102	97	72
20	46	43	65	36	47	177	103	181	192	69	73	109
21	51	54	138	34	43	178	147	129	139	49	61	104
22	47	52	124	31	42	177	443	112	154	43	57	113
23	188	53	82	29	45	152	289	103	126	40	61	77
24	177	49	61	30	55	150	199	231	95	36	124	81
25	103	44	46	32	107	127	157	361	90	34	82	78
26	76	61	46	35	157	127	125	236	436	34	58	e70
27	66	311	45	35	216	119	131	150	262	158	48	e76
28	64	216	47	34	632	241	164	133	176	170	43	65
29	66	127	65	33	439	310	138	119	122	103	40	53
30	60	104	69	33	---	232	111	90	115	91	37	47
31	59	---	53	37	---	174	---	72	---	148	37	---
TOTAL	2279	2784	2523	1861	2783	6940	4849	3784	9579	2833	3731	3384
MEAN	73.5	92.8	81.4	60.0	96.0	224	162	122	319	91.4	120	113
MAX	188	311	138	166	632	499	443	361	1890	514	597	381
MIN	33	42	45	29	35	105	102	61	61	34	37	35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2000, BY WATER YEAR (WY)

MEAN	69.7	96.2	101	96.5	96.5	177	260	140	85.7	53.5	47.5	54.1
MAX	318	279	321	252	274	417	582	366	326	220	188	326
(WY)	1956	1956	1974	1949	1984	1979	1993	1984	1972	1945	1990	1938
MIN	19.9	19.1	31.2	15.5	16.0	50.4	66.3	37.8	25.4	12.9	14.9	14.3
(WY)	1965	1965	1981	1981	1980	1965	1985	1985	1964	1962	1980	1983

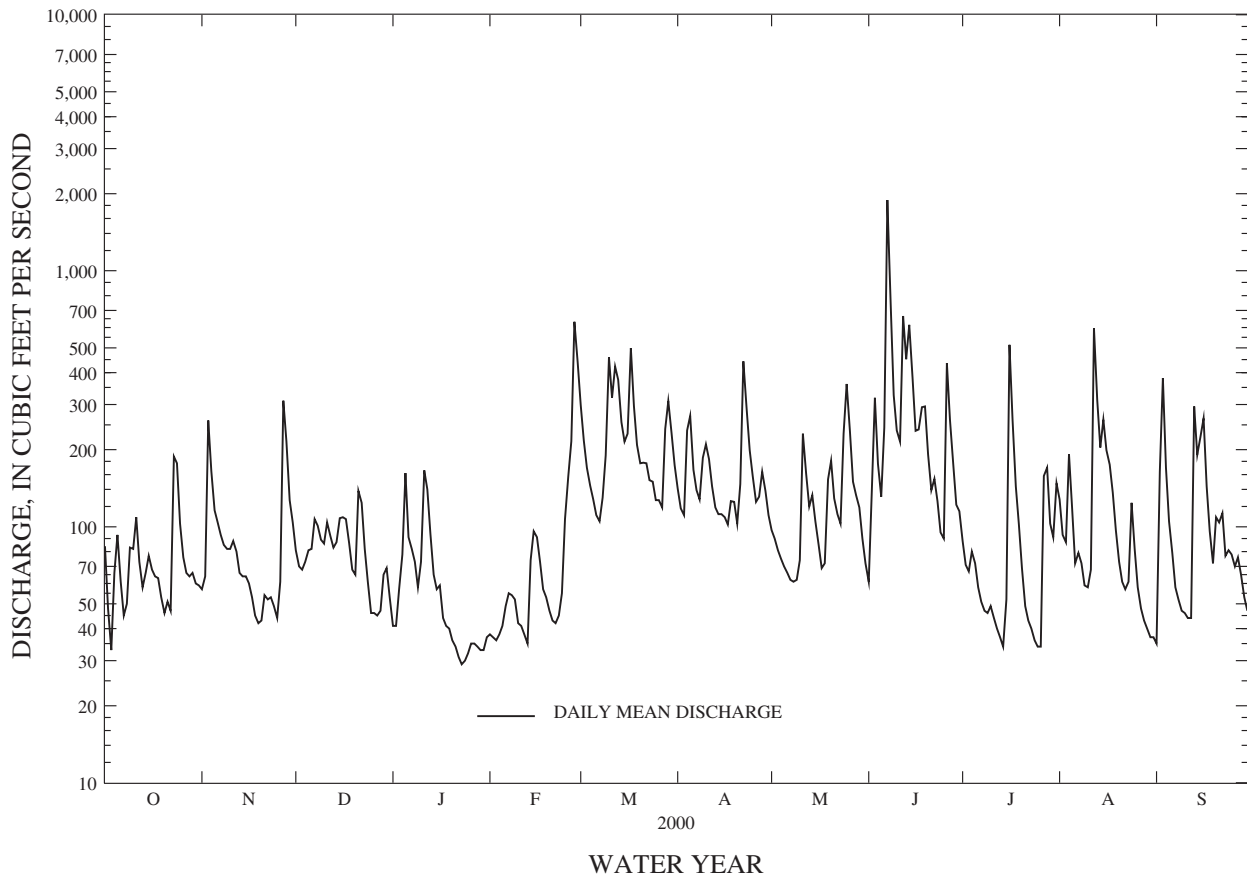
HOUSATONIC RIVER BASIN

01197000 EAST BRANCH HOUSATONIC RIVER AT COLTSVILLE, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1936 - 2000	
ANNUAL TOTAL	32646		47330			
ANNUAL MEAN	89.4		129		107	
HIGHEST ANNUAL MEAN					163 1996	
LOWEST ANNUAL MEAN					42.6 1965	
HIGHEST DAILY MEAN	1010	Mar 22	1890	Jun 7	4460	Mar 18 1936
LOWEST DAILY MEAN	10	Sep 4	29	Jan 23	4.4	Aug 15 1936
ANNUAL SEVEN-DAY MINIMUM	12	Aug 31	32	Jan 21	9.5	Sep 11 1983
INSTANTANEOUS PEAK FLOW			2640	Jun 7	6400	Sep 21 1938
INSTANTANEOUS PEAK STAGE			5.14	Jun 7	10.80	Sep 21 1938
INSTANTANEOUS LOW FLOW			25	Jan 23		
10 PERCENT EXCEEDS	187		257		233	
50 PERCENT EXCEEDS	61		87		60	
90 PERCENT EXCEEDS	16		42		23	

e Estimated

EAST BRANCH HOUSATONIC RIVER AT COLTSVILLE, MA 01197000



HOUSATONIC RIVER BASIN

01197500 HOUSATONIC RIVER NEAR GREAT BARRINGTON, MA

LOCATION.--Lat 42°13'55", long 73°21'19", Berkshire County, Hydrologic Unit 01100005, on left bank at upstream side of highway bridge at Van Deusenville, 0.5 mi upstream from Williams River, and 2 mi north of Great Barrington.

DRAINAGE AREA.--282 mi².

PERIOD OF RECORD.--Discharge: May 1913 to current year.

Water-quality records: Water years 1957-59, 1964, 1971, and 1980.

Suspended sediment records: Water years 1980, 1994-96 (discontinued).

REVISED RECORDS.--WSP 415: 1913-14. WSP 781: 1928(M). WSP 1051: 1928, 1933. WSP 1301: 1914-15(M), 1917-27(M), 1929-31(M). WDR MA-RI-83-1: 1980(P), 1982(P). WDR MA-RI-84-1: Drainage Area.

GAGE.--Water-stage recorder. Datum of gage is 683.04 ft above sea level. Prior to Oct. 1, 1931, nonrecording gage at same site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Regulation at low flow by powerplants upstream. High flow slightly affected by retarding reservoir since 1973. Telephone and satellite gage-height telemeters at station.

AVERAGE DISCHARGE.--87 years, 528 ft³/s, 25.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,200 ft³/s, Jan. 1, 1949, gage height, 12.08 ft, from rating curve extended above 6,400 ft³/s on basis of computations of flow over dams at gage heights 11.72 ft and 12.08 ft; minimum daily, 1.0 ft³/s, Oct. 18, 1914.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 4,080 ft³/s, June 8, gage height, 7.35; minimum daily, 135 ft³/s, Feb. 12, 13.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	500	413	649	326	e195	1960	587	582	451	812	533	198
2	421	385	571	315	e195	1490	522	544	407	614	458	243
3	329	662	545	348	e190	1180	495	501	859	507	388	809
4	399	813	529	395	e180	937	640	452	933	561	535	892
5	597	629	531	593	178	829	924	420	672	580	647	568
6	542	529	550	558	165	747	837	402	736	477	507	370
7	439	472	636	447	e150	666	689	386	2940	398	415	296
8	354	426	613	403	e175	651	595	365	3950	343	411	258
9	405	408	566	377	e175	740	707	368	3420	297	379	278
10	513	402	537	368	174	1130	896	554	2090	291	321	309
11	609	421	571	568	161	1370	875	1170	1240	286	342	261
12	598	420	516	610	e135	1890	800	1060	1500	271	945	227
13	472	392	471	524	e135	1970	702	860	1890	248	1460	669
14	472	367	463	e430	e220	1570	653	870	2000	223	1280	950
15	503	352	537	e380	e440	1280	643	763	1950	262	1030	903
16	487	337	584	e360	389	1110	637	618	1640	1580	963	1040
17	437	324	573	e290	371	1420	606	524	1220	2030	798	808
18	410	301	525	e260	375	1660	649	460	1160	1250	642	544
19	396	299	452	e250	325	1350	668	712	1260	735	561	426
20	425	293	417	e230	315	1080	641	905	1120	542	440	515
21	489	321	625	e215	295	939	705	819	876	418	357	525
22	460	322	715	e200	e280	840	1380	704	804	348	315	467
23	667	311	589	e185	280	755	1520	646	777	298	311	414
24	926	301	506	e175	299	688	1230	902	646	272	444	396
25	784	302	e400	e165	451	644	946	1590	540	258	444	376
26	631	309	e360	e170	729	634	787	1590	651	247	326	352
27	562	946	e360	e175	850	611	777	1210	1110	406	285	380
28	504	1410	e355	e185	1940	657	766	910	1020	695	268	349
29	483	1050	345	e190	2460	931	751	735	806	552	249	278
30	471	766	358	e190	---	867	667	622	1070	410	232	271
31	428	---	353	e190	---	702	---	525	---	484	202	---
TOTAL	15713	14683	15802	10072	12227	33298	23295	22769	39738	16695	16488	14372
MEAN	507	489	510	325	422	1074	776	734	1325	539	532	479
MAX	926	1410	715	610	2460	1970	1520	1590	3950	2030	1460	1040
MIN	329	293	345	165	135	611	495	365	407	223	202	198
CFSM	1.80	1.74	1.81	1.15	1.50	3.81	2.75	2.60	4.70	1.91	1.89	1.70
IN.	2.07	1.94	2.08	1.33	1.61	4.39	3.07	3.00	5.24	2.20	2.18	1.90

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2000, BY WATER YEAR (WY)

MEAN	308	465	524	517	497	908	1223	690	422	280	240	258
MAX	1170	2040	1588	1744	1319	2528	2646	1502	1325	1140	937	1601
(WY)	1978	1928	1974	1949	1984	1936	1920	1984	2000	1945	1928	1938
MIN	80.9	85.5	112	83.5	128	291	338	241	134	93.4	86.8	75.1
(WY)	1915	1965	1915	1931	1931	1941	1985	1985	1921	1962	1913	1913

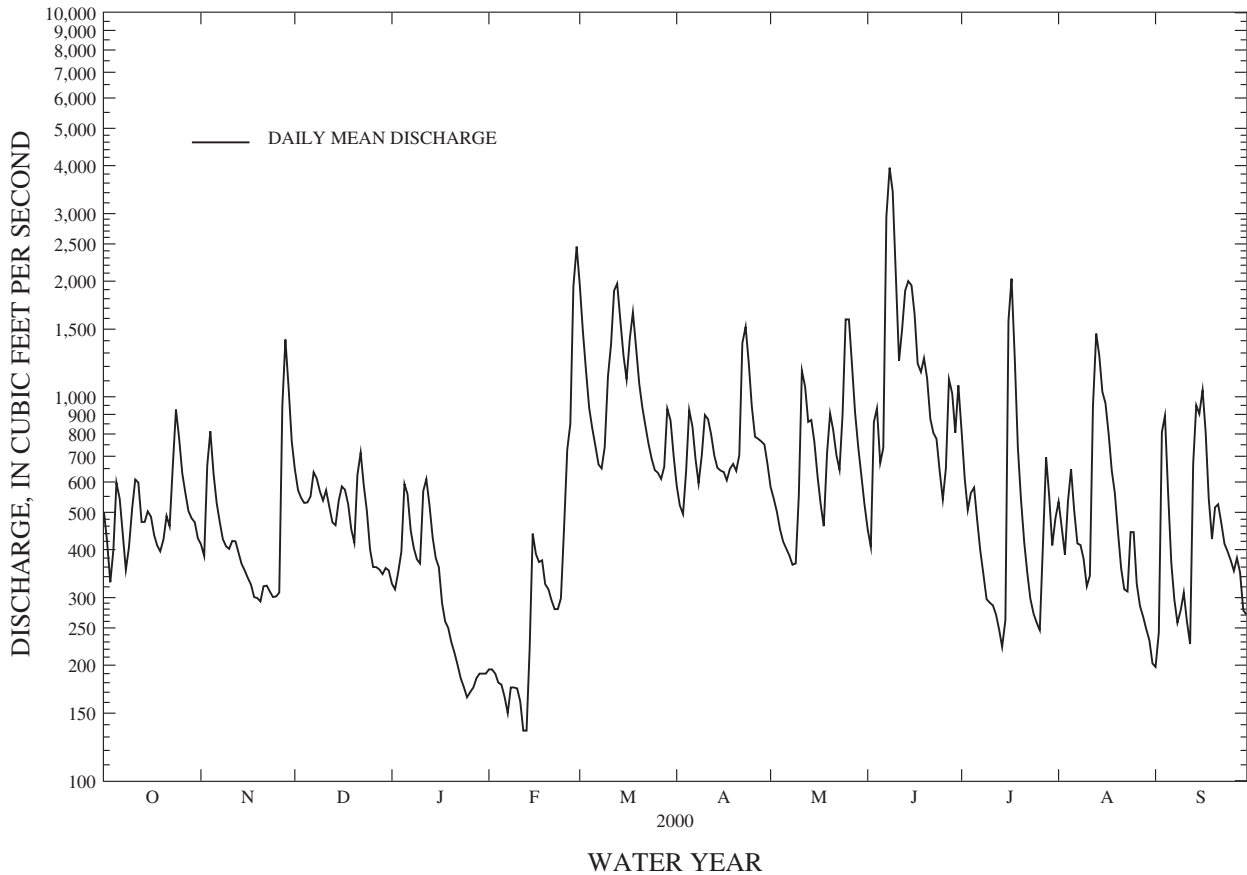
HOUSATONIC RIVER BASIN

01197500 HOUSATONIC RIVER NEAR GREAT BARRINGTON, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1913 - 2000	
ANNUAL TOTAL	176866		235152			
ANNUAL MEAN	485		642		528	
HIGHEST ANNUAL MEAN					962	
LOWEST ANNUAL MEAN					211	
HIGHEST DAILY MEAN	3280	Jan 25	3950	Jun 8	11100	Jan 1 1949
LOWEST DAILY MEAN	77	Aug 11	135	Feb 12	1.0	Oct 18 1914
ANNUAL SEVEN-DAY MINIMUM	83	Aug 31	158	Feb 7	40	Aug 10 1913
INSTANTANEOUS PEAK FLOW			4080		12200	
INSTANTANEOUS PEAK STAGE			7.35		12.08	
INSTANTANEOUS LOW FLOW			108		Jan 25	
ANNUAL RUNOFF (CFSM)	1.72		2.28		1.87	
ANNUAL RUNOFF (INCHES)	23.33		31.02		25.43	
10 PERCENT EXCEEDS	960		1190		1160	
50 PERCENT EXCEEDS	381		525		335	
90 PERCENT EXCEEDS	100		256		125	

e Estimated

HOUSATONIC RIVER NEAR GREAT BARRINGTON, MA 01197500



HUDSON RIVER BASIN

01331500 HOOSIC RIVER AT ADAMS, MA

LOCATION.--Lat 42°36'40", long 73°07'28", Berkshire County, Hydrologic Unit 02020003, on left bank at Adams, 500 ft downstream from Dry Brook, and 0.4 mi upstream from Pecks Brook.

DRAINAGE AREA.--46.7 mi².

PERIOD OF RECORD.--Discharge: October 1931 to current year.
Water-quality records: Water years 1967-69.

REVISED RECORDS.--WDR MA-NH-RI-VT-73-1: 1971-72. WDR MA-RI-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 828.01 ft above sea level. Prior to Oct. 1, 1964, datum was 9.00 ft higher and Oct. 1, 1964, to May 29, 1974, 8.00 ft higher, at site 500 ft upstream.

REMARKS.--Records good. Diversion upstream for municipal supply of Adams. Some diurnal fluctuation by mill upstream prior to 1961. Flow regulated by Cheshire Reservoir 5.1 mi upstream.

AVERAGE DISCHARGE.--69 years, 90.0 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,080 ft³/s, Sept. 21, 1938, gage height, 9.25 ft, site and datum then in use, from rating curve extended above 1,100 ft³/s on basis of computation of peak flow over dam; minimum daily, 8.0 ft³/s, Aug. 31, Sept. 1, 1968.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,910 ft³/s, June 25, gage height, 8.91 ft (from peak stage indicator); minimum, 30 ft³/s, Feb. 8, 9, 13, July 15.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	94	57	96	47	40	182	116	94	82	125	118	49
2	55	61	88	48	39	172	108	89	88	117	84	133
3	47	188	85	57	37	146	116	81	107	100	187	218
4	108	98	87	84	36	131	214	76	86	116	303	133
5	100	77	85	119	36	123	186	73	75	96	138	107
6	67	70	94	66	35	115	139	71	166	86	105	88
7	56	63	106	66	35	112	124	67	589	55	126	51
8	50	59	87	61	33	133	113	64	272	50	104	50
9	95	56	78	58	33	189	165	62	183	54	85	58
10	93	57	80	73	33	313	153	85	155	78	365	65
11	117	63	96	113	36	202	130	156	141	59	232	58
12	82	55	77	78	36	251	125	95	209	45	824	40
13	69	54	71	67	33	214	114	98	171	56	352	176
14	98	53	71	53	71	175	114	101	250	35	275	100
15	90	53	80	52	90	173	119	80	190	40	270	153
16	73	49	85	58	66	204	110	72	159	229	223	121
17	66	44	82	47	52	364	99	66	142	133	181	73
18	61	43	67	42	48	228	106	86	151	90	153	64
19	56	43	57	42	49	188	96	136	157	76	120	60
20	73	45	65	42	47	166	90	108	129	51	105	81
21	75	53	160	43	47	153	118	90	113	47	95	55
22	64	47	102	37	45	146	211	91	136	46	87	48
23	200	46	82	37	45	141	153	82	118	60	104	47
24	151	45	69	39	55	136	127	200	96	38	161	76
25	103	47	57	39	109	129	111	192	230	35	100	80
26	88	67	61	44	114	143	104	140	647	36	84	70
27	79	391	58	42	189	120	124	113	291	132	75	60
28	72	195	52	39	436	208	144	99	225	84	54	40
29	67	133	50	38	246	190	120	113	176	58	51	39
30	63	113	50	38	---	151	104	110	100	74	49	39
31	61	---	49	41	---	129	---	92	---	187	49	---
TOTAL	2573	2425	2427	1710	2171	5427	3853	3082	5634	2488	5259	2432
MEAN	83.0	80.8	78.3	55.2	74.9	175	128	99.4	188	80.3	170	81.1
MAX	200	391	160	119	436	364	214	200	647	229	824	218
MIN	47	43	49	37	33	112	90	62	75	35	49	39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2000, BY WATER YEAR (WY)

MEAN	53.0	78.4	86.1	87.2	84.3	150	215	119	71.1	49.3	42.2	45.3
MAX	217	213	190	211	263	474	523	268	203	212	170	286
(WY)	1956	1956	1974	1979	1981	1936	1940	1940	1972	1938	2000	1938
MIN	14.1	13.3	35.4	18.7	23.5	50.6	85.8	47.3	22.6	19.8	15.3	10.6
(WY)	1965	1965	1965	1981	1940	1965	1946	1985	1965	1991	1999	1980

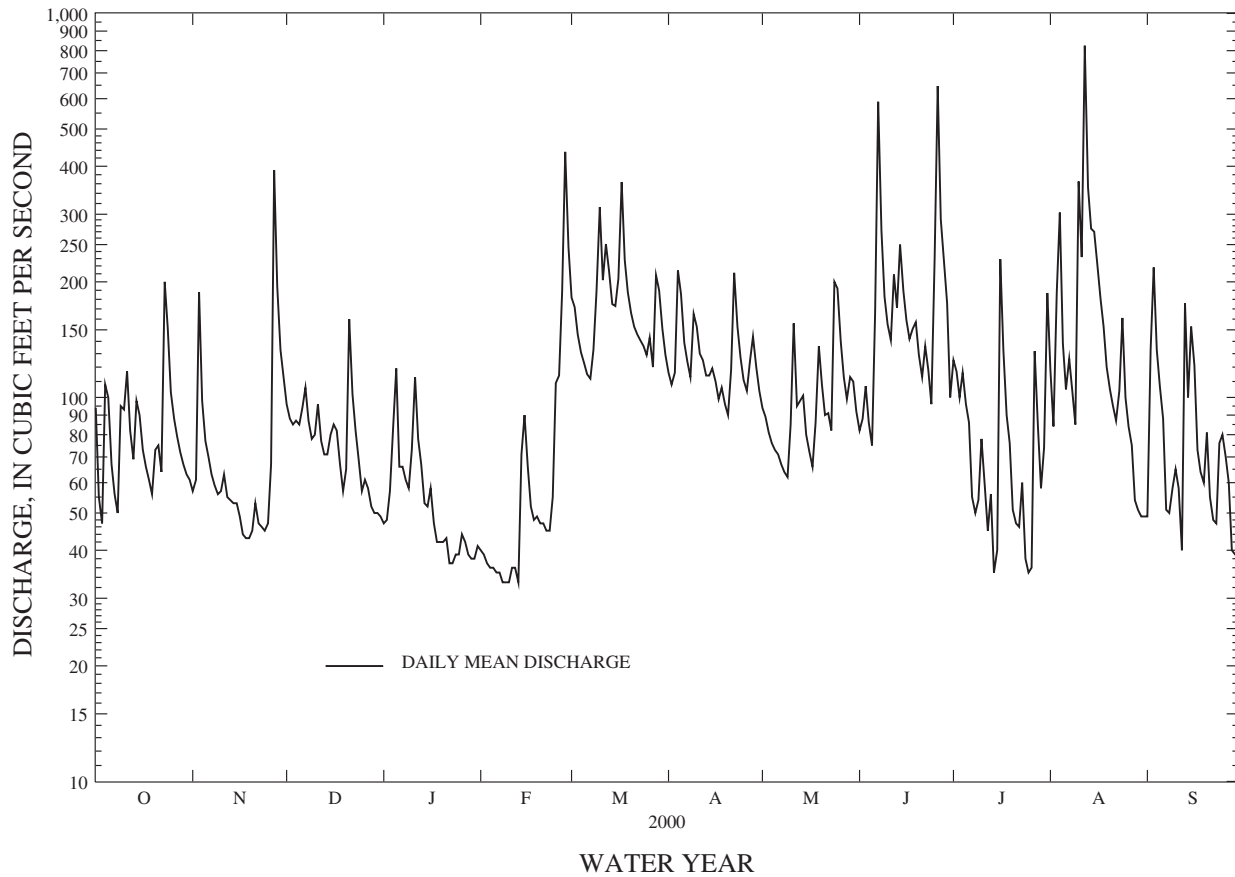
HUDSON RIVER BASIN

01331500 HOOSIC RIVER AT ADAMS, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1932 - 2000	
ANNUAL TOTAL	27437		39481			
ANNUAL MEAN	75.2		108		89.9	
HIGHEST ANNUAL MEAN					130 1938	
LOWEST ANNUAL MEAN					41.2 1965	
HIGHEST DAILY MEAN	510	Jan 24	824	Aug 12	2410	Mar 18 1936
LOWEST DAILY MEAN	10	Aug 13	33	Feb 8	8.0	Aug 31 1968
ANNUAL SEVEN-DAY MINIMUM	11	Aug 1	34	Feb 7	8.8	Sep 7 1980
INSTANTANEOUS PEAK FLOW			a1910	Jun 25	5080	Sep 21 1938
INSTANTANEOUS PEAK STAGE			a8.91	Jun 25	9.25	Sep 21 1938
INSTANTANEOUS LOW FLOW			30	Feb 8		
10 PERCENT EXCEEDS	152		190		191	
50 PERCENT EXCEEDS	61		86		57	
90 PERCENT EXCEEDS	15		43		22	

a From peak stage indicator

HOOSIC RIVER AT ADAMS, MA 01331500



HUDSON RIVER BASIN

01332500 HOOSIC RIVER NEAR WILLIAMSTOWN, MA

LOCATION.--Lat 42°42'01", long 73°09'34", Berkshire County, Hydrologic Unit 02020003, on left bank 0.3 mi downstream from Sherman Brook and 2.7 mi east of junction of U.S. Highway 7 and State Highway 2 in Williamstown.

DRAINAGE AREA.--126 mi².

PERIOD OF RECORD.--Discharge: July 1940 to current year.
Water-quality records: Water years 1953-54, 1957-58, 1967-69.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 616.11 ft above sea level, (U.S. Army Corps of Engineers benchmark). Prior to June 6, 1979, at site 1.2 mi downstream at different datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Prior to 1966, slight diurnal fluctuation at low flow caused by mills upstream. Some regulation by Cheshire Reservoir 16 mi upstream. Satellite gage-height telemeter at station.

AVERAGE DISCHARGE.--60 years, 273 ft³/s, 29.45 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,000 ft³/s, Dec. 31, 1948, gage height, 14.85 ft, former site and datum, from rating curve extended above 4,300 ft³/s on basis of contracted-opening measurement of peak flow; minimum, 5.8 ft³/s, Aug. 30, 31, Oct. 26, 1940; minimum daily, 24 ft³/s, Sept. 9, 1980.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 3,350 ft³/s, June 26, gage height, 8.76 ft; minimum daily, 80 ft³/s, Feb. 11, 12.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	382	171	318	148	e115	574	374	290	212	323	293	131
2	220	174	280	149	e110	532	345	278	251	290	230	259
3	172	633	267	176	e105	423	472	249	329	292	420	526
4	326	340	275	317	e100	359	949	229	226	337	798	288
5	326	260	277	511	e98	327	741	244	203	261	338	230
6	235	227	291	253	e92	302	507	251	490	217	249	201
7	194	203	320	241	e88	295	436	223	2070	179	335	157
8	174	191	269	212	e84	356	379	206	799	159	276	145
9	269	180	244	199	e83	551	552	207	520	158	231	142
10	272	184	242	244	e82	1200	501	476	409	192	814	150
11	355	267	286	453	e80	658	425	904	398	166	578	140
12	256	205	238	300	e80	768	404	471	1020	135	1960	123
13	212	192	220	247	e105	614	361	439	584	145	871	508
14	250	184	218	171	217	486	371	448	787	131	666	252
15	245	192	245	e150	300	491	440	333	563	137	714	403
16	205	176	253	e180	202	642	432	285	445	1090	707	323
17	188	161	253	e150	156	1360	352	254	438	446	504	211
18	175	152	212	e130	140	721	352	331	448	296	396	183
19	155	148	180	e120	e105	560	316	511	435	228	325	169
20	211	153	197	e110	e100	484	292	410	343	182	273	232
21	229	179	514	e105	130	444	377	330	292	157	245	178
22	190	162	328	e100	127	443	767	324	444	157	219	153
23	746	154	254	e105	131	454	532	294	458	153	281	149
24	567	151	213	e115	166	472	430	698	304	135	480	385
25	358	153	163	e140	352	461	366	746	472	119	275	273
26	289	234	189	e170	366	550	338	531	2090	113	223	216
27	249	1790	179	e135	610	440	404	393	895	272	198	197
28	223	750	163	e120	1740	850	474	329	640	219	170	162
29	205	482	161	e110	868	739	395	304	466	159	152	151
30	189	384	159	e115	---	545	327	282	355	183	144	146
31	178	---	154	e120	---	433	---	242	---	375	140	---
TOTAL	8245	8832	7562	5796	6932	17534	13411	11512	17386	7406	13505	6783
MEAN	266	294	244	187	239	566	447	371	580	239	436	226
MAX	746	1790	514	511	1740	1360	949	904	2090	1090	1960	526
MIN	155	148	154	100	80	295	292	206	203	113	140	123
CFSM	2.11	2.34	1.94	1.48	1.90	4.49	3.55	2.95	4.60	1.90	3.46	1.79
IN.	2.43	2.61	2.23	1.71	2.05	5.18	3.96	3.40	5.13	2.19	3.99	2.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2000, BY WATER YEAR (WY)

MEAN	173	258	272	249	244	449	668	372	220	134	119	122
MAX	618	544	714	591	765	1038	1178	872	636	393	436	454
(WY)	1978	1956	1974	1949	1981	1979	1969	1943	1972	1945	2000	1960
MIN	41.0	46.5	118	60.8	75.3	139	253	144	81.0	60.4	48.2	34.5
(WY)	1965	1965	1962	1981	1980	1965	1995	1987	1965	1962	1980	1980

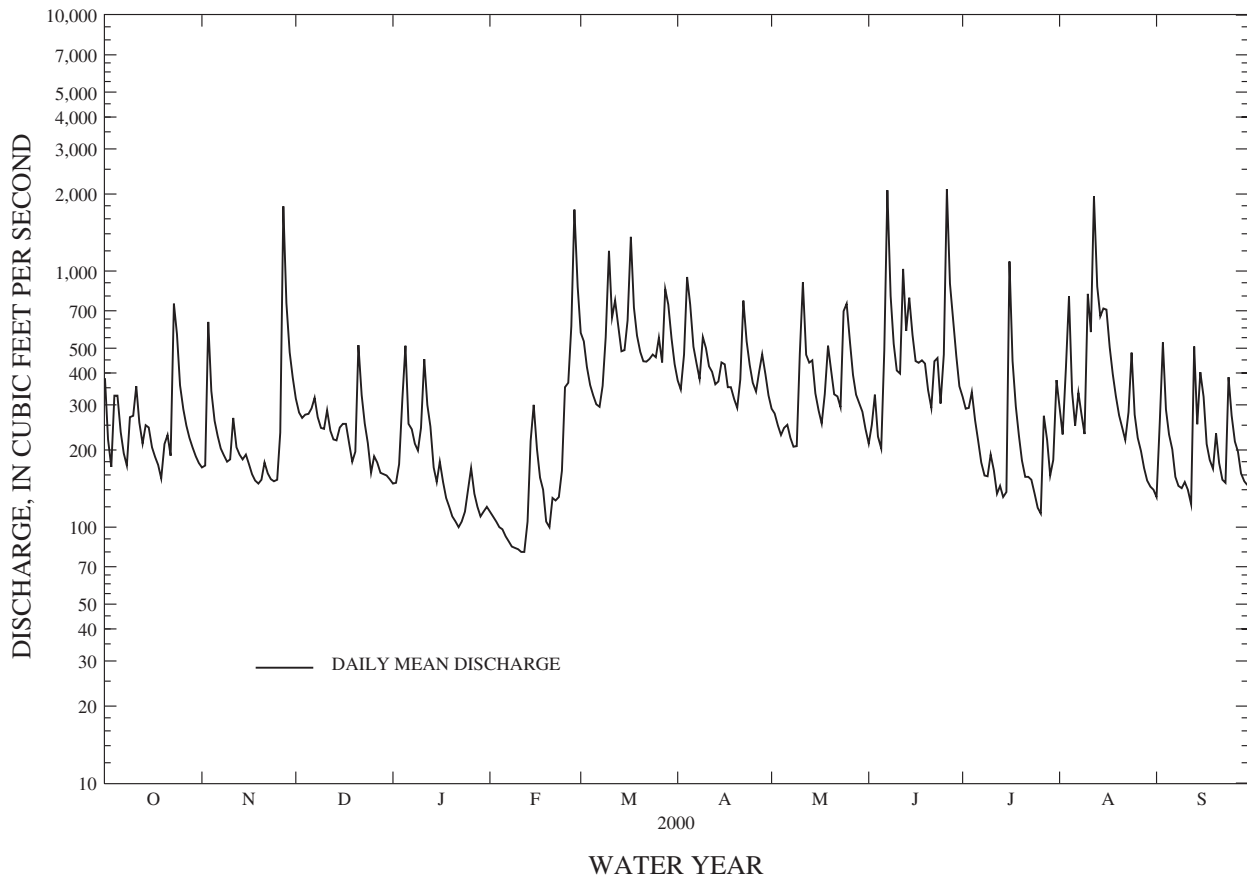
HUDSON RIVER BASIN

01332500 HOOSIC RIVER NEAR WILLIAMSTOWN, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1940 - 2000	
ANNUAL TOTAL	90224		124904			
ANNUAL MEAN	247		341		273	
HIGHEST ANNUAL MEAN					368	
LOWEST ANNUAL MEAN					135	
HIGHEST DAILY MEAN	1860	Jan 24	2090	Jun 26	10400	Dec 31 1948
LOWEST DAILY MEAN	41	Sep 5	80	Feb 11	24	Sep 9 1980
ANNUAL SEVEN-DAY MINIMUM	43	Aug 31	84	Feb 6	25	Sep 9 1980
INSTANTANEOUS PEAK FLOW			3350		13000	
INSTANTANEOUS PEAK STAGE			8.76		14.85	
INSTANTANEOUS LOW FLOW			76		5.8	
ANNUAL RUNOFF (CFSM)	1.96		2.71		2.17	
ANNUAL RUNOFF (INCHES)	26.64		36.88		29.45	
10 PERCENT EXCEEDS	489		611		581	
50 PERCENT EXCEEDS	190		264		166	
90 PERCENT EXCEEDS	55		135		66	

e Estimated

HOOSIC RIVER NEAR WILLIAMSTOWN, MA 01332500



HUDSON RIVER BASIN

01333000 GREEN RIVER AT WILLIAMSTOWN, MA

LOCATION.--Lat 42°42'32", long 73°11'50", Berkshire County, Hydrologic Unit 02020003, on left bank 0.1 mi upstream from bridge on State Highway 2 at Williamstown and 0.8 mi upstream from mouth.

DRAINAGE AREA.--42.6 mi².

PERIOD OF RECORD.--Discharge: September 1949 to current year.
Water-quality records: Water years 1967-69.

REVISED RECORDS.--WDR MA-RI-84-1: 1977-78 (P), 1979, 1980-83 (P).

GAGE.--Water-stage recorder. Elevation of gage is 615 ft above sea level, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Slight diurnal fluctuation at times caused by mill upstream.

AVERAGE DISCHARGE.--51 years, 82.8 ft³/s, 26.42 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,060 ft³/s, Dec. 21, 1973, gage height, 5.68 ft in gage well, from rating curve extended above 750 ft³/s on basis of slope-area measurement at gage height 4.94 ft; maximum gage height, 6.35 ft, Mar. 13, 1977, from floodmarks, gage height in well unknown; minimum discharge, 3.1 ft³/s, Sept. 20, 22, 24, 25, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 31, 1948, reached a stage of about 7.5 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,960 ft³/s, June 26, gage height, 4.67 ft; minimum discharge outside of ice period, 24 ft³/s, Feb. 6.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	110	67	129	39	31	291	119	120	77	180	43	47
2	76	67	116	39	31	256	113	114	96	147	39	115
3	64	130	110	44	29	193	139	99	97	144	199	102
4	133	86	108	77	29	163	232	87	70	153	295	78
5	118	75	98	91	27	145	191	82	64	117	167	66
6	97	69	105	55	26	129	159	76	278	95	124	57
7	80	64	104	54	26	121	142	68	826	82	149	51
8	70	60	90	49	e24	127	132	63	411	73	115	46
9	116	57	81	46	e23	174	193	61	290	68	102	41
10	110	57	85	83	e24	285	173	172	215	66	256	40
11	129	62	94	120	e26	237	154	209	216	56	280	37
12	105	53	75	79	e28	421	153	140	288	49	647	38
13	91	51	71	69	e35	306	138	142	213	44	444	156
14	123	49	69	e42	e72	249	133	135	238	39	368	63
15	108	46	74	e40	e60	221	137	115	194	48	309	134
16	91	43	69	e39	49	213	137	101	164	219	301	94
17	82	39	65	e38	43	393	130	87	156	99	214	75
18	76	38	60	e36	e37	268	131	149	143	82	185	66
19	67	36	54	e33	e36	226	120	162	134	68	155	59
20	91	37	56	e32	e35	196	111	140	113	59	125	90
21	81	37	133	e31	34	171	134	126	96	51	105	63
22	72	35	90	e30	36	149	197	122	153	47	93	55
23	292	34	75	e32	37	135	158	112	115	42	112	51
24	196	33	65	e35	e50	125	144	223	85	38	122	72
25	155	34	47	e38	e100	119	130	248	298	36	87	58
26	136	57	e52	e42	167	128	126	200	1110	34	75	51
27	120	576	e49	e36	411	113	149	165	481	50	66	50
28	106	265	e45	e33	801	163	163	140	324	38	60	45
29	95	185	e43	e31	407	162	141	124	244	38	54	41
30	83	151	e42	e33	---	143	129	109	216	40	49	40
31	74	---	e41	32	---	129	---	92	---	52	44	---
TOTAL	3347	2593	2395	1478	2734	6151	4408	3983	7405	2354	5384	1981
MEAN	108	86.4	77.3	47.7	94.3	198	147	128	247	75.9	174	66.0
MAX	292	576	133	120	801	421	232	248	1110	219	647	156
MIN	64	33	41	30	23	113	111	61	64	34	39	37
CFSM	2.53	2.03	1.81	1.12	2.21	4.66	3.45	3.02	5.79	1.78	4.08	1.55
IN.	2.92	2.26	2.09	1.29	2.39	5.37	3.85	3.48	6.47	2.06	4.70	1.73

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2000, BY WATER YEAR (WY)

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
MEAN	46.1	77.3	92.4	82.0	82.8	145	202	112	64.6	32.3	28.9	29.3
MAX	222	171	259	219	239	376	390	251	256	124	174	158
(WY)	1978	1956	1974	1979	1984	1979	1969	1984	1972	1996	2000	1960
MIN	5.33	6.71	24.8	11.0	14.6	33.6	70.5	32.4	18.2	8.30	5.61	4.09
(WY)	1965	1965	1965	1981	1980	1965	1995	1987	1965	1993	1964	1964

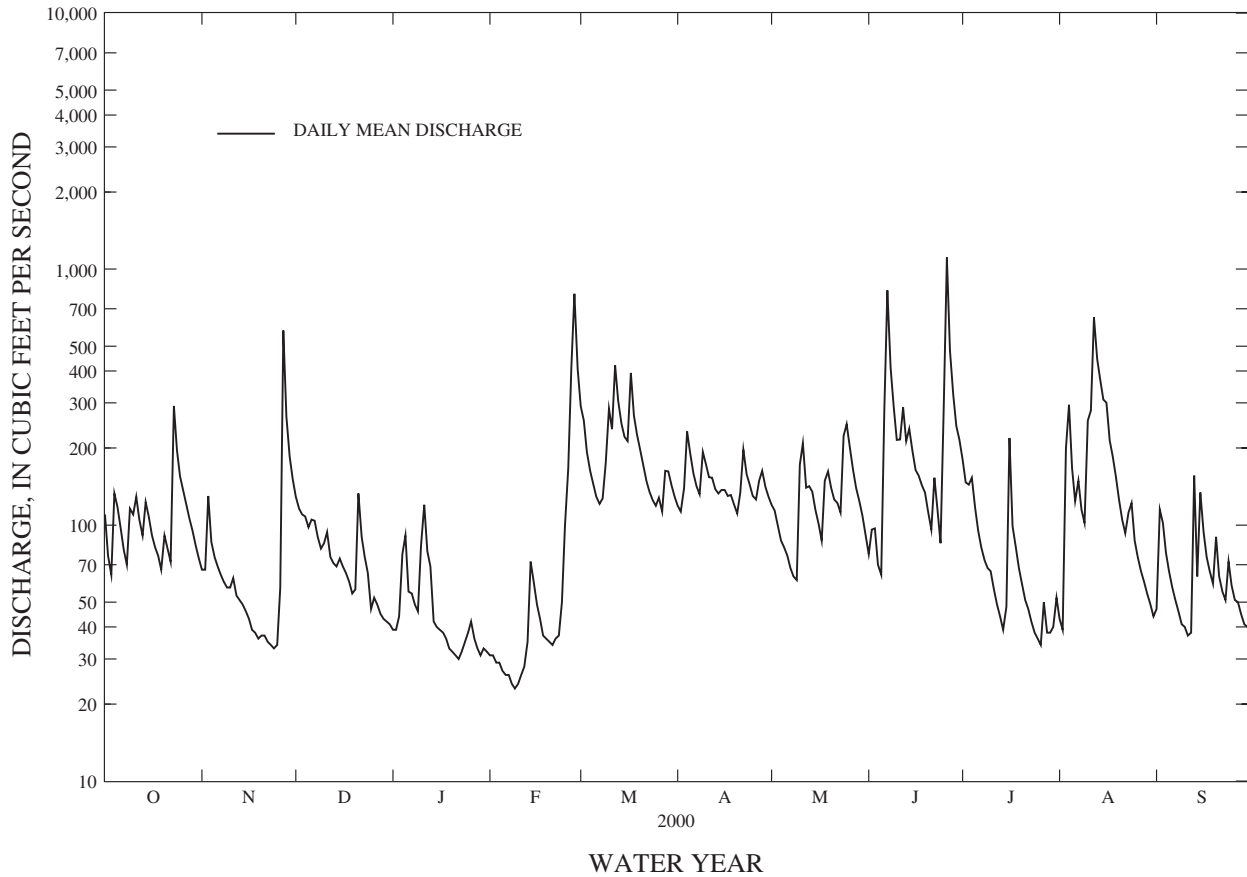
HUDSON RIVER BASIN

01333000 GREEN RIVER AT WILLIAMSTOWN, MA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1949 - 2000	
ANNUAL TOTAL	31275.0		44213			
ANNUAL MEAN	85.7		121		82.8	
HIGHEST ANNUAL MEAN					126 1975	
LOWEST ANNUAL MEAN					31.7 1965	
HIGHEST DAILY MEAN	993	Jan 24	1110	Jun 26	2200	Dec 21 1973
LOWEST DAILY MEAN	4.5	Aug 13	23	Feb 9	3.2	Sep 20 1964
ANNUAL SEVEN-DAY MINIMUM	5.0	Aug 5	25	Feb 5	3.4	Sep 19 1964
INSTANTANEOUS PEAK FLOW			1960		4060	
INSTANTANEOUS PEAK STAGE			4.67		6.35	
INSTANTANEOUS LOW FLOW			24		3.1	
ANNUAL RUNOFF (CFSM)	2.01		2.84		1.94	
ANNUAL RUNOFF (INCHES)	27.31		38.61		26.42	
10 PERCENT EXCEEDS	179		228		186	
50 PERCENT EXCEEDS	61		92		49	
90 PERCENT EXCEEDS	9.6		37		11	

e Estimated

GREEN RIVER AT WILLIAMSTOWN, MA 01333000



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.

Records collected at partial-record stations are presented in a table of discharge measurements at low-flow partial-record stations. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in a second table.

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 October 1999 through September 2000

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MYSTIC RIVER BASIN						
01102460	Mystic River	Lat 42°29'29", long 71°07'46", Middlesex County, at downstream side of bridge on Salem Street near Woburn, MA.	6.91	1973-74 1985-86, 1999	11-08-99 1-05-00 3-29-00	4.74 47.7 44.6
01102474	do.	Lat 42°28'10", long 71°07'32", Middlesex County, at Washington Street, 2.2 mi south from Route 128, upstream side bridge, near Winchester, MA.	11.9	1967 1973-74, 1999	11-09-99 1-05-00 3-29-00	7.60 53.8 62.7
01103015	do.	Lat 42°25'20", long 71-08'59", Middlesex County, 500 ft upstream from mouth, at Arlington, MA.	5.3 ^c	1973-74 1989-91, 1999	11-09-99 1-06-00 3-28-00	3.46 7.07 31.5
01103025	Mystic River	Lat. 42°24'25", long 71-07'04", Middlesex County, at Broadway, 0.6 mi upstream from mouth, downstream side bridge near Arlington, MA.	8.5 ^c	1973-74, 1999	11-10-99 1-04-00 3-28-00 5-10-00	5.43 10.7 44.6 8.11
CHARLES RIVER BASIN						
01103110	Boston Harbor (Atlantic Ocean)	Lat 42°09'51", long 71°30'28", Norfolk County, 0.1 mi north of inflow into Cedar Swamp Pond. 1.8 mi northeast of Milford, MA.	--	1999	10-27-99 11-18-99 12-29-99 1-12-00 2-17-00 3-16-00 4-19-00 5-18-00 6-28-00 7-18-00 8-29-00 9-26-00	1.53 1.24 1.48 5.3 4.9 4.57 5.21 3.79 .98 .13 .10 .15
01103120	do.	Lat 42°08'37", long 71°30'49", Norfolk County, at culvert on Main Street, 0.5 mi northeast of Milford, MA.	--	1967, 1999	10-27-99 11-18-99 12-29-99 1-13-00 2-17-00 3-16-00 4-19-00 5-18-00 6-28-00 9-26-00	3.03 .69 3.5 10.3 11.2 4.84 9.2 4.8 4.14 1.03
01103140	do.	Lat 42°06'12", long 71°29'59", Norfolk County, at bridge on Hartford Avenue, 0.2 mi west of South Milford, MA.	--	1999	10-29-99 11-17-99 12-28-99 1-12-00 2-17-00 3-17-00 4-21-00 5-18-00 6-28-00 7-18-00 8-29-00 9-26-00	10.1 5.1 11.9 31.0 31.0 67.2 25.7 15.4 20.3 4.91 3.49 5.07

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

363

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
<i>CHARLES RIVER BASIN--Continued</i>						
011032053 Charles River	Boston Harbor (Atlantic Ocean)	Lat 42°05'39", long 71°29'49", Norfolk County, at culvert on North Main Street, 0.5 mi north of Bellingham, MA.	--	1999	10-28-99	14.1
					11-17-99	10.7
					12-29-99	13.2
					1-11-00	52.4
					2-18-00	35.4
					3-16-00	32.9
					4-19-00	39.5
					5-17-00	25.4
					6-29-00	19.8
					7-17-00	7.13
					8-28-00	3.43
9-25-00	3.04					
011032056 Charles River	do.	Lat 42°05'51", long 71°27'34", Norfolk County, at bridge on High Street, 1.1 mi northwest of Bellingham, MA.	--	1999	10-29-99	15.1
					11-17-99	11.9
					12-28-99	16.4
					1-11-00	47.2
					2-18-00	37.7
					3-16-00	34.6
					4-19-00	40.8
					5-17-00	28.9
					6-29-00	24.7
					7-17-00	9.84
					8-28-00	5.48
9-25-00	6.72					
01103206 Charles River	do.	Lat 42°07'14", long 71°27'11", Norfolk County, 200 ft downstream from bridge on Maple Street, at North Bellingham, MA.	--	1982-83, 1999	10-29-99	15.8
					11-17-99	13.5
					12-28-99	16.8
					1-11-00	47.6
					2-16-00	127
					3-16-00	51.5
					4-20-00	45.2
					5-18-00	27.5
					6-30-00	28.1
					7-17-00	10.4
					8-29-00	5.59
9-25-00	7.34					
01103210 Stall Brook	Charles River	Lat 42°07'26", long 71°27'20", Norfolk County, at culvert on State Highway 126, 0.2 mi north of North Bellingham, MA.	3.79	1968-71, 1983, 1999	10-29-99	3.62
					11-17-99	2.98
					12-28-99	2.82
					1-12-00	9.2
					2-16-00	16.2
					3-16-00	11.4
					4-20-00	7.69
					5-18-00	5.71
					6-30-00	4.25
					7-18-00	.36
					8-28-00	.39
9-25-00	1.22					
01103217 Hopping Brook	do.	Lat 42°08'31", long 71°27'21", Norfolk County, at culvert on West Street, 1.2 mi west of West Medway, MA.	10.0	1968-71, 1983, 1989, 1999	10-29-99	7.26
					11-16-99	6.98
					12-28-99	7.86
					1-12-00	23.7
					2-16-00	36.3
					3-15-00	36.4
					4-20-00	25.6
					5-18-00	16.6
					6-30-00	5.51
					7-18-00	1.10
					8-29-00	.82
9-26-00	.74					

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
<i>CHARLES RIVER BASIN--Continued</i>						
01103225	Mine Brook	Lat 42°03'21", long 71°26'00", Norfolk County, at culvert on Washington Street, 2.6 mi southwest of Franklin, MA.	2.14	1968-71, 1983, 1999	10-28-99	1.65
Miscoe Brook					11-16-99	1.34
					12-28-99	1.38
					1-12-00	4.9
					2-17-00	4.26
					3-17-00	13.1
					4-19-00	5
					5-18-00	2.04
					6-28-00	2.82
					7-17-00	.53
					8-29-00	.29
					9-27-00	1.83
01103234	Charles River	Lat 42°05'03", long 71°24'53", Norfolk County, at culvert on Beaver Street, 0.9 mi west of Franklin, MA.	--	1983, 1999	10-28-99	9.18
Mine Brook					11-15-99	8.55
					12-28-99	9.07
					1-12-00	25.4
					2-15-00	50.2
					3-13-00	37.0
					4-19-00	17.3
					5-17-00	13.7
					6-29-00	13
					7-17-00	2.9
					8-28-00	2.22
					9-25-00	4.46
01103235	do.	Lat 42°03'42", long 71°25'43", Norfolk County, at bridge on Grove Street, 1.5 mi west of Franklin, MA.	--	1967, 1983, 1989, 1999	10-28-99	10.2
Mine Brook					11-16-99	8.92
					12-28-99	9.23
					1-12-00	28.2
					2-15-00	48.4
					3-13-00	37.5
					4-19-00	21.8
					5-17-00	16.1
					6-29-00	14.8
					7-17-00	3.84
					8-28-00	4.07
					9-25-00	5.14
01103240	do.	Lat 42°07'29", long 71°25'52", Norfolk County, at bridge on Pond Street, 3.4 mi northwest of Franklin, MA.	14.1	1968-70, 1983, 1989-91, 1999	10-27-99	20
Mine Brook					11-16-99	12.9
					12-28-99	12.4
					1-11-00	34.6
					2-16-00	76.5
					3-13-00	52.3
					4-20-00	31.6
					5-18-00	21.6
					6-30-00	22.6
					7-18-00	4.71
011032515	do.	Lat 42°08'50", long 71°25'41", Norfolk County, at culvert on Winthrop Street, 0.6 mi northwest of West Medway, MA.	--	1999	10-27-99	4.46
Chicken Brook					11-17-99	4.11
					12-29-99	3.6
					1-11-00	16
					2-16-00	28.2
					3-13-00	36
					4-20-00	17.1
					5-18-00	7.42
					6-30-00	3.59
					7-18-00	.83
					8-29-00	.73
					9-26-00	.76
01103260	Boston Harbor (Atlantic Ocean)	Lat 42°08'12", long 71°25'08", Norfolk County, at bridge on Shaw Street, at south limits of West Medway, MA.	60.1	1968-71, 1982-83, 1999	10-27-99	65
Charles River					11-18-99	45.8
					12-28-99	53.9
					1-11-00	158
					4-20-00	148
					5-19-00	121
					6-27-00	43.3
					7-17-00	21.2
					8-28-00	15.4
					9-27-00	26.8

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

365

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
<i>CHARLES RIVER BASIN--Continued</i>						
01103292 Eagle Brook	Mill River	Lat 42°04'23", long 71°20'57", Norfolk County, at bridge on State Highway 140, 300 ft below outlet of Lake Pearl, 1.2 mi west of Wrentham, MA.	--	1967, 1983, 1999	10-26-99 11-15-99 12-27-99 1-11-00 2-16-00 3-15-00 4-19-00 5-17-00 6-29-00 7-17-00 8-28-00 9-25-00	10.8 11 12.5 13.1 13.2 19.1 19.2 15.2 11.4 6.03 4.08 4.76
01103295 Mill River	Charles River	Lat 42°05'56", long 71°21'10", Norfolk County, 200 ft below outlet of Bush Pond, 0.8 mi south of City Mills, MA.	--	1999	10-26-99 11-15-99 12-27-99 1-11-00 2-16-00 3-15-00 4-20-00 5-18-00 6-27-00 7-17-00 8-28-00 9-25-00	13.4 14.2 18.2 20.8 17.2 19.2 25.3 20.1 14.4 8.66 5.88 8.91
01103300 Mill River	do.	Lat 42°07'21", long 71°21'59", Norfolk County, at bridge on Miller Street, 0.9 mi above mouth, 2.1 mi west of Norfolk, MA.	13.8	1968-69, 1971, 1983, 1989, 1999	10-27-99 11-15-99 12-29-99 1-12-00 2-18-00 3-13-00 4-21-00 5-19-00 6-26-00 7-18-00 8-29-00 9-26-00	19.1 22.2 22 29.4 28.2 44.7 33.2 30.6 16.6 10.6 6.65 10
01103305 Charles River	Boston Harbor (Atlantic Ocean)	Lat 42°07'59", long 71°21'46", Norfolk County, 150 ft upstream from bridge on Myrtle Street, 2.5 mi south of Millis, MA.	85.9	1968, 1974-80, 1982-83 1989, 1999	10-27-99 11-18-99 12-27-99 1-19-00 2-18-00 3-16-00 4-21-00 5-19-00 6-26-00 7-18-00 8-29-00 9-26-00	106 80.3 88.3 91.5 238 221 188 146 78.6 43.8 26.6 44.9
01103381 Pond Brook	Charles River	Lat 42°12'19", long 71°25'34", Middlesex County, At bridge on Linden St., 0.5 miles north of Holliston, MA.	--		12-29-99 1-12-00 2-18-00 3-15-00 4-21-00 5-19-00 6-29-00 7-18-00 8-29-00 9-27-00	2.53 6.56 5.81 7.76 2.91 7.22 2.46 .48 .33 .66
01103386 Dopping Brook	do.	Lat 42°12'55", long 71°24'29", Middlesex County, At culvert on Whitney St., 0.4 miles northeast of East Holliston, MA.	--		12-29-99 1-19-00 2-17-00 3-17-00 4-21-00 5-19-00 6-29-00 7-19-00 8-30-00 9-27-00	0.58 0 1.84 5.63 3.68 3.61 1.57 1.70 .07 .53

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
CHARLES RIVER BASIN--Continued						
011033885 Dirty Meadow Brook	Charles River	Lat 42°12'32", long 71°23'04", Middlesex County, At culvert on Hollis St, 2.2 miles east of Holliston, MA.	--		12-30-99	.93
					1-19-00	.88
					2-18-00	3.14
					3-16-00	4.02
					4-21-00	3.92
					5-19-00	2.81
					6-29-00	.51
					7-19-00	.46
					8-30-00	.19
					9-27-00	.20
01103389 Bogastow Brook	do.	Lat 42°12'12", long 71°23'29", Middlesex County, At culvert on Central St, 1.8 miles east of Holliston, MA.	--		12-29-99	3.16
					1-12-00	12.3
					2-18-00	32.9
					3-16-00	36
					4-21-00	27.9
					5-19-00	20
					6-28-00	12.6
					7-18-00	4.71
					8-29-00	1.62
					9-27-00	3.02
01103393 Bogastow Brook	do.	Lat 42°11'05", long 71°22'34", Norfolk County, At bridge on Orchard St, below outlet of Great Black Swamp, 1.4 miles northwest of Millis, MA	--	1983	12-30-99	15.4
					1-18-00	52.7
					1-19-00	20.8
					4-21-00	45
					5-19-00	32.5
					6-29-00	16.4
					7-19-00	9.92
					8-30-00	1.6
					9-27-00	5.79
					BLACKS CREEK BASIN	
01105557 Furnace Brook	Blacks Creek	Lat 42°15'28", long 71°00'33", Norfolk County, 20 ft upstream of Hancock Street Bridge at Quincy and 1.1 mi upstream from mouth.	3.81	1973-80	7-25-00	1.93
01105557 Furnace Brook	do.	Lat 42°15'34", long 71°00'29", Norfolk County, 800 ft downstream of Hancock Street Bridge at Quincy and 1.0 mi upstream from mouth.	--	--	7-25-00	1.93
WEYMOUTH FORE RIVER BASIN						
01105583 Monatiquot River	Weymouth Fore River Basin	Lat 42°13'15", long 70°58'43", Norfolk County, at Commercial Street, 0.2 mi upstream from mouth at East Braintree, MA.	--	1999	11-22-99	18.5
					12-16-99	42.3
					4-06-00	48.1
WEYMOUTH BACK RIVER BASIN						
01105612 Weymouth Back River	Weymouth Back River Basin	Lat 42°12'56", long 70°55'25", Norfolk County 0.2 mi upstream from mouth, 0.2 mi downstream from Broad Street at East Weymouth, MA.	--	1999	11-23-99	7.36
					12-16-99	11.4
					4-06-00	19.1
WEIR RIVER BASIN						
01105642 Weir River	Boston Harbor	Lat 42°14'36", long 70°51'36", Norfolk County, upstream of bridge at Route 3A near Hingham, MA.	--	1999	11-23-99	8.88
					12-14-99	15.8
					1-12-00	35.8
					4-04-00	28.0

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

367

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PAWTUXET RIVER BASIN						
01115110 Huntinghouse Brook	Regulating Reservoir	Lat 41°50'48", long 71°36'44", Providence County, at Elmdale Road, 1.6 mi northwest of North Scituate, RI.	6.31	1993-99	12-7-99	23.5
					1-28-00	5.1
					3-06-00	10.2
					4-03-00	14.6
					5-09-00	10.1
					6-13-00	28.0
					7-14-00	.22
					8-22-00	.55
9-27-00	1.97					
01115114 Rush Brook	do.	Lat 41°50'15", long 71°36'45", Providence County, near Elmdale Road, 1.5 mi northwest of North Scituate, RI.	6.31	1993-99	12-06-99	4.21
					3-10-00	5.51
					5-25-00	26.0
					6-14-00	14.9
					7-12-00	.15
					8-23-00	.43
9-28-00	.95					
01115120 Unnamed Tributary	Scituate Reservoir	Lat 41°49'53", long 71°36'34", Providence County, at State Highway 6, 1.2 mi west of North Scituate, RI.	0.42	1994-99	12-07-99	2.27
					1-28-00	0
					5-03-00	.58
					5-05-00	.50
					5-25-00	1.33
					6-13-00	.80
					7-12-00	0
					8-22-00	0
9-27-00	0					
01115160 Blanchard Brook	Moswansicut Reservoir	Lat 41°51'15", long 71°34'33", Providence County, at Winsor Road, 1.6 mi northeast of North Scituate, RI.	1.21		4-05-00	4.13
					4-18-00	2.72
					5-03-00	2.49
					5-16-00	2.23
					5-30-00	1.47
01115170 Moswansicut Stream	Regulating Reservoir	Lat 41°50'27", long 71°35'06", Providence County, at State Highway 116, 0.6 mi northeast of North Scituate, RI.	--	1994-95	2-18-00	9.57
					4-03-00	9.17
					5-09-00	7.2
					6-13-00	12.3
					7-14-00	.30
					8-22-00	.82
					9-27-00	.98
01115180 Brandy Brook	Scituate Reservoir	Lat 41°49'10", long 71°35'11", Providence County, at State Highway 116, 0.9 mi south of North Scituate, RI.	1.59	1993-99	1-31-00	2.79
					5-25-00	8.41
					6-14-00	5.35
					7-12-00	.80
					8-23-00	.98
9-28-00	.75					
01115183 Quonapaug Brook	do.	Lat 41°47'51", long 71°24'53", Providence County, at State Highway 116, 2.4 mi south of North Scituate, RI.	1.96	1993-99	1-31-00	2.80
					3-06-00	3.94
					4-07-00	4.78
					5-09-00	5.24
					6-14-00	6.42
					7-12-00	.22
					8-23-00	.29
9-28-00	.47					
01115184 Spruce Brook	do.	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	1994-99	12-6-99	2.03
					3-10-00	2.64
					5-12-00	4.30
					6-14-00	3.88
					7-12-00	.48
					8-23-00	.39
9-27-00	.48					

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
<i>PAWTUXET RIVER BASIN--Continued</i>						
01115185 Windsor Brook	Ponaganset River	Lat 41°50'10", long 71°43'23", Providence County, at Windsor Road, 1.3 mi north- west of South Foster, RI.	--	1993-94, 1999	12-6-99	3.03
					3-10-00	5.25
					4-05-00	13.6
					4-18-00	8.94
					5-03-00	7.35
					5-16-00	5.32
					5-30-00	3.98
					8-22-00	.34
					9-27-00	.63
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	1993-99	12-6-99	4.49
					1-26-00	5.38
					3-06-00	8.37
					4-03-00	11.0
					5-09-00	23.5
					6-13-00	18.8
					7-14-00	.44
					8-22-00	.66
					9-27-00	.40
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.	--	1996-99	1-31-00	13.4
					3-06-00	14.7
					4-03-00	17.2
					5-09-00	11.6
					6-13-00	26.1
					7-14-00	.57
					8-22-00	1.47
					9-27-00	1.58
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	1-14-00	1.63
					1-28-00	.82
					2-18-00	1.6
					3-06-00	1.24
					4-03-00	1.71
					5-09-00	1.55
					6-13-00	1.8
					7-14-00	.66
8-22-00	.65					
9-27-00	.74					
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	1993-99	12-7-99	19.8
					1-26-00	2.78
					3-06-00	2.62
					4-03-00	5.06
					4-05-00	6.98
					4-18-00	5.62
					5-03-00	3.48
					5-12-00	7.16
					5-16-00	3.82
					5-30-00	2.71
					6-14-00	5.34
					7-14-00	.33
8-23-00	.47					
9-28-00	.28					
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	1992-99	12-7-99	19.2
					1-26-00	4.97
					3-06-00	8.41
					4-03-00	10.8
					5-09-00	10.4
					6-13-00	6.83
					7-14-00	.36
					8-22-00	1.83
					9-27-00	1.56
01115500 Pawtuxet River	Narragansett Bay	Lat 41°43'58", long 71°33'01", Providence County, near Fairground Way, at Fiskeville, RI.	102	1915-25 ^a , 1986-87 ^c , 1996-99	1-28-00	32.2
					2-29-00	50.8
					4-11-00	261
					5-12-00	252
					6-14-00	308
					7-12-00	8.11
					8-23-00	25.8
					9-28-00	29.3

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

369

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
PAWCATUCK RIVER BASIN						
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	--	5-06-00 6-07-00 6-21-00 6-29-00 7-13-00 9-11-00 9-21-00	8.90 24.3 4.50 3.21 .58 1.00 2.10
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.	3.69	1959-60, 1988-91, 1999	7-21-99 7-29-99 6-08-00 6-16-00 6-22-00 6-30-00 7-12-00 8-21-00 9-11-00 9-20-00	.36 .31 17.1 10.8 5.90 4.78 .93 1.76 1.78 6.17
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, 1988-91,	5-06-00 6-07-00 6-16-00 6-22-00 6-29-00 7-11-00 9-08-00 9-11-00 9-21-00	25.1 55.3 18.1 11.1 10.2 4.75 3.61 4.38 9.94
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	--	5-09-00 6-07-00 6-21-00 6-29-00 7-13-00 7-30-00 9-11-00 9-21-00	1.17 11.8 .73 .51 .21 .69 .14 .21
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	--	4-26-00 4-26-00 5- 6-00 6-13-00 6-21-00 6-30-00 7-11-00 8-31-00 9-11-00 9-21-00	81.8 83.7 45.8 48.5 23.4 19.4 8.81 7.21 9.93 15.9
01117380 Locke Brook	Queen River	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, 1988-91,	5-06-00 6-07-00 6-16-00 6-22-00 6-30-00 7-12-00 8-22-00 9-11-00 9-21-00	10.8 23.8 10.8 7.22 5.20 3.26 3.08 4.47 5.38
01117390 Glen Rock Brook	Glen Rock Reservoir	Lat 41°30'59", long 71°36'23", Washington County, at culvert on Glen Rock Road, at Glen Rock, RI.	2.83	1989-91	5-06-00 6-07-00 6-21-00 7-06-00 7-14-00 8-01-00 9-11-00 9-21-00	7.00 19.1 3.72 1.63 .83 4.98 2.41 3.45

See footnotes at end of table

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites October 1999 through September 2000--Continued

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
<i>PAWCATUCK RIVER BASIN--Continued</i>						
01117400	Glen Rock	Lat 41°31'04", long 71°36'18", Washington	1.04	1966-74 ^b ,	5-09-00	2.00
Sherman Brook	Brook	County, at culvert on Glen Rock Road, 0.1 mi north of Glen Rock, RI.		1989-91,	6-07-00	7.64
					6-21-00	1.62
					7-06-00	.65
					7-14-00	.24
					7-30-00	5.59
					8-01-00	1.98
					9-11-00	1.13
					9-21-00	1.53

^a Operated as a continuous-record gaging station.^b Operated as a crest-stage partial-record station and published as "Glen Rock Brook tributary."^c Data not published in 1986-87 annual data report.

WATER QUALITY AT MISCELLANEOUS SITES

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CHLOR-A PERI- PHYTON CHROMO- FLUOROM (MG/M2) (70957)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CAR- BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)
01096544 STONY BROOK AT SCHOOL STREET AT CHELMSFORD, MA (LAT 42 37 04N LONG 071 24 08W)												
APR 2000												
10...	<0.020	0.185	<0.010	E0.005	<0.010	0.014	--	E0.003	<0.002	<0.003	<0.004	<0.004
AUG												
14...	<.020	.208	<.010	.013	<.010	.025	--	.006	<.002	<.003	<.004	<.004
14...	--	--	--	--	--	--	13.7	--	--	--	--	--
01096710 ASSABET RIVER AT ALLEN STREET AT NORTHBOROUGH, MA (LAT 42 19 46N LONG 071 37 48W)												
APR 2000												
17...	.100	.931	.015	.140	.118	.155	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	E.003	<.002	E.019	<.004	<.004
AUG												
17...	.026	1.86	<.010	.225	.186	.245	--	<.001	<.002	E1.1	<.004	<.004
17...	--	--	--	--	--	--	31.3	--	--	--	--	--
01096945 ELIZABETH BROOK OFF WHITE POND ROAD NEAR STOW, MA (LAT 42 25 36N LONG 071 29 07W)												
APR 2000												
07...	<.020	.091	<.010	E.003	<.010	.032	--	.008	<.002	E.004	<.004	<.004
AUG												
15...	.025	.076	<.010	.015	<.010	.035	--	E.003	<.006	E.31	<.004	<.004
15...	--	--	--	--	--	--	38.1	--	--	--	--	--
01097270 FORT POND BROOK AT RIVER ROAD NEAR SOUTH ACTON, MA (LAT 42 27 34N LONG 071 26 34W)												
APR 2000												
04...	<.020	.084	<.010	.012	<.010	.019	--	E.002	<.002	<.003	<.004	<.004
AUG												
15...	.021	.077	<.010	.046	.022	.070	--	.004	<.006	E.064	<.004	<.004
15...	--	--	--	--	--	--	24.0	--	--	--	--	--
01097476 SUDBURY RIVER AT CONCORD STREET AT ASHLAND, MA (LAT 42 15 45N LONG 071 27 48W)												
APR 2000												
05...	<.020	.212	<.010	.006	<.010	.014	--	<.008	<.002	<.003	<.004	<.004
AUG												
11...	<.020	.289	<.010	.030	<.010	.042	--	<.001	<.002	<.003	<.004	<.004
11...	--	--	--	--	--	--	39.1	--	--	--	--	--
011032058 CHARLES RIVER AT MAPLE ST. AT NORTH BELLINGHAM, MA (LAT 42 07 11N LONG 071 27 10W)												
MAR 2000												
29...	<.020	1.60	<.010	.018	<.010	.050	--	E.003	E.001	<.003	<.004	<.004
AUG												
10...	<.020	1.47	<.010	.013	<.010	.036	--	<.001	<.002	<.003	<.004	.005
10...	--	--	--	--	--	--	2.6	--	--	--	--	--

WATER QUALITY AT MISCELLANEOUS SITES

DATE	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CHLOR-A PERI- PHYTON CHROMO- FLUOROM (MG/M2) (70957)	ATRA- ZINE, WATER, DISS, REC (UG/L) (39632)	BEN- FLUR- ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	CAR- BARYL WATER 0.7 U GF, REC (UG/L) (82680)	CHLOR- PYRIFOS DIS- SOLVED (UG/L) (38933)	CYANA- ZINE, WATER, DISS, REC (UG/L) (04041)
01105500 EAST BRANCH NEPONSET RIVER AT CANTON, MA (LAT 42 09 16N LONG 071 08 47W)												
APR 2000												
06...	0.026	0.389	<0.010	0.006	<0.010	0.018	--	0.007	<0.002	<0.003	<0.004	<0.004
AUG												
08...	.062	.412	.016	.019	<.010	.033	--	<.001	<.002	<.003	<.004	<.004
08...	--	--	--	--	--	--	E1.4	--	--	--	--	--
01105581 MONATIQUOT RIVER AT RIVER STREET AT BRAINTREE, MA (LAT 42 13 12N LONG 070 59 56W)												
APR 2000												
06...	<.020	<.050	<.010	E.005	<.010	.012	--	<.010	<.002	<.003	<.004	<.004
AUG												
07...	.044	.112	.011	.011	<.010	.009	--	<.001	<.002	<.003	<.004	<.004
07...	--	--	--	--	--	--	20.8	--	--	--	--	--
01106468 MATFIELD RIVER AT N CENTRAL ST AT E BRIDGEWATER, MA (LAT 42 02 01N LONG 070 58 21W)												
APR 2000												
17...	1.76	1.68	.131	.257	.201	.375	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	E.004	E.001	E.044	E.003	<.004
AUG												
09...	.191	4.41	.200	.194	.159	.242	--	E.004	<.002	E.25	.005	<.004
09...	--	--	--	--	--	--	194	--	--	--	--	--
01109595 MIDDLE RIVER OFF SUTTON LANE AT WORCESTER, MA (LAT 42 14 19N LONG 071 49 28W)												
APR 2000												
05...	.049	.306	<.010	.006	<.010	.023	--	E.002	<.002	<.003	<.004	<.004
AUG												
16...	.148	.295	.011	.033	.020	.102	--	<.005	<.002	E.011	<.004	<.004
16...	--	--	--	--	--	--	40.3	--	--	--	--	--
01110000 QUINSIGAMOND RIVER AT NORTH GRAFTON, MA (LAT 42 13 49N LONG 071 42 41W)												
APR 2000												
05...	.022	.232	<.010	E.003	<.010	.032	--	.008	<.002	<.003	<.004	<.004
AUG												
17...	<.020	<.050	<.010	.007	<.010	.014	--	.005	<.002	<.003	<.004	<.004
17...	--	--	--	--	--	--	53.5	--	--	--	--	--
01112262 MILL RIVER AT SUMMER STREET NEAR BLACKSTONE, MA (LAT 42 02 27N LONG 071 30 56W)												
MAR 2000												
29...	.021	.201	<.010	.016	<.010	.042	--	E.002	<.002	<.003	<.004	<.004
AUG												
10...	<.020	1.07	<.010	.020	<.010	.051	--	<.001	<.004	<.003	<.004	<.004
10...	--	--	--	--	--	--	14.0	--	--	--	--	--

