

01052500 DIAMOND RIVER NEAR WENTWORTH LOCATION, NH

LOCATION.--Lat 44° 52'39", long 71° 03'27", Coos County, Hydrologic Unit 01040001, on left bank 1.0 mi upstream from mouth, and 1.6 mi north of Wentworth Location.

DRAINAGE AREA.--152 mi².

PERIOD OF RECORD.--

DISCHARGE: July 1941 to current year.

CHEMICAL ANALYSES: Water year 1954.

REVISED RECORDS.--WDR ME-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,259.48 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Nov. 18-24 and Dec. 3 to Apr. 13, which are poor. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,800 ft³/s, Mar. 31, 1998, gage height, 12.11 ft. from rating curve extended above 7,500 ft³/s; maximum gage height, 19.45 ft, Apr. 3, 2005 (backwater from ice); minimum discharge, 6.8 ft³/s, Aug. 27-28, 1949, Sept. 1, 1952, gage height, 0.81 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	2115	Ice Jam	*19.45	Apr 21	0200	3,950	7.62
Apr 3	---	3,640 ^a	---	Apr 24	1900	*5,000	8.34

Minimum discharge, 28 ft³/s, Aug. 28, gage height, 1.73 ft.

^a Estimated daily discharge

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	204	569	e433	e98	e86	e736	1,770	556	225	62	1,700
2	68	164	752	e418	e96	e85	e645	1,250	419	196	69	418
3	67	372	e443	e274	e94	e88	e3,640	925	337	157	121	190
4	67	284	e332	e226	e93	e85	e2,620	739	282	124	90	134
5	66	267	e287	e189	e92	e83	e1,870	594	238	107	64	108
6	65	284	e177	e163	e90	e81	e1,490	537	208	193	57	87
7	64	473	e211	e151	e89	e80	e1,300	532	190	180	51	73
8	62	426	e207	e146	e89	e79	e2,070	537	164	119	45	66
9	60	292	e194	e144	e94	e82	e1,790	492	151	453	41	80
10	58	200	e201	e142	e103	e82	e1,460	511	211	610	38	68
11	58	203	e204	e141	e100	e82	e1,370	526	197	1,090	49	58
12	61	182	e201	e140	e94	e79	e863	515	175	401	65	53
13	59	134	e188	e147	e88	e77	e652	368	165	238	49	48
14	56	135	e171	e1,670	e88	e72	649	300	529	183	42	46
15	76	143	e144	e1,240	e88	e69	694	418	1,920	211	47	51
16	267	144	e131	e568	e90	e69	917	561	1,070	152	46	73
17	282	137	e128	e369	e153	e68	1,540	475	1,080	126	38	93
18	206	e140	e121	e263	e134	e68	2,200	376	1,800	115	34	170
19	147	e154	e117	e219	e112	e68	2,120	373	1,140	133	31	186
20	116	e166	e113	e213	e106	e69	2,940	308	559	150	31	119
21	100	e154	e111	e189	e101	e70	3,230	268	380	113	77	95
22	91	e163	e110	e162	e98	e75	1,730	312	331	90	80	78
23	86	e170	e362	e143	e99	e80	1,470	550	269	83	52	67
24	82	e158	e1,230	e132	e96	e82	3,160	989	216	72	43	67
25	77	930	e688	e124	e93	e83	4,090	534	181	65	42	59
26	75	1,250	e326	e119	e91	e78	2,020	515	153	67	35	59
27	73	498	e241	e113	e89	e79	1,500	896	200	106	31	309
28	70	499	e210	e109	e87	e83	1,960	657	230	324	30	192
29	68	1,950	e200	e106	---	e100	2,490	525	186	137	48	146
30	67	841	e187	e102	---	e270	1,700	634	497	89	98	293
31	107	---	e181	e100	---	e458	---	835	---	70	599	---
TOTAL	2,872	11,117	8,737	8,655	2,745	3,010	54,916	18,822	14,034	6,379	2,205	5,186
MEAN	92.6	371	282	279	98.0	97.1	1,831	607	468	206	71.1	173
MAX	282	1,950	1,230	1,670	153	458	4,090	1,770	1,920	1,090	599	1,700
MIN	56	134	110	100	87	68	645	268	151	65	30	46
CFSM	0.61	2.44	1.85	1.84	0.64	0.64	12.0	3.99	3.08	1.35	0.47	1.14
IN.	0.70	2.72	2.14	2.12	0.67	0.74	13.44	4.61	3.43	1.56	0.54	1.27

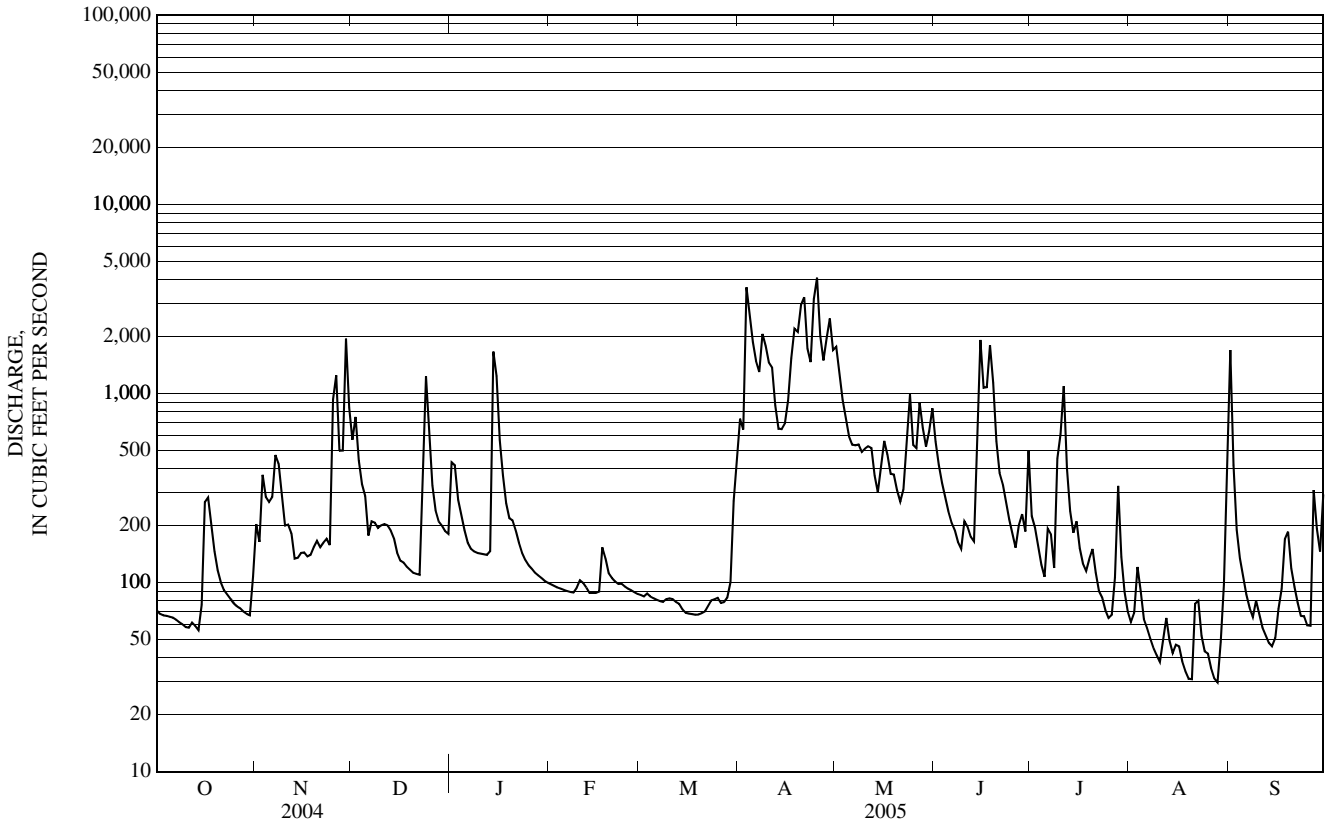
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2005, BY WATER YEAR (WY)

MEAN	263	337	234	168	145	285	1,093	903	321	170	137	149
MAX	869	733	739	575	783	936	1,831	2,115	804	703	492	836
(WY)	(1991)	(1964)	(1974)	(1995)	(1981)	(1998)	(2005)	(1972)	(1943)	(1996)	(1988)	(1954)
MIN	40.9	83.2	53.4	53.9	43.4	54.6	402	297	105	35.1	15.0	16.8
(WY)	(1953)	(1979)	(1979)	(1948)	(1942)	(1967)	(1972)	(1998)	(1963)	(1952)	(1952)	(1952)

e Estimated

01052500 DIAMOND RIVER NEAR WENTWORTH LOCATION, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1941 - 2005	
ANNUAL TOTAL	116,863		138,678			
ANNUAL MEAN	319		380		351	
HIGHEST ANNUAL MEAN					524	1996
LOWEST ANNUAL MEAN					225	1965
HIGHEST DAILY MEAN	4,440	Apr 20	4,090	Apr 25	9,900	Mar 31, 1998
LOWEST DAILY MEAN	52	Jul 5	30	Aug 28	6.8	Aug 28, 1949
ANNUAL SEVEN-DAY MINIMUM	58	Feb 24	38	Aug 14	9.0	Sep 11, 1952
MAXIMUM PEAK FLOW			5,000	Apr 24	12,800	Mar 31, 1998
MAXIMUM PEAK STAGE			19.45	Apr 3	19.45	Apr 3, 2005
INSTANTANEOUS LOW FLOW			28	Aug 28	6.8	Aug 27, 1949
ANNUAL RUNOFF (CFSM)	2.10		2.50		2.31	
ANNUAL RUNOFF (INCHES)	28.60		33.94		31.37	
10 PERCENT EXCEEDS	784		1,070		845	
50 PERCENT EXCEEDS	166		151		158	
90 PERCENT EXCEEDS	68		63		52	



ANDROSCOGGIN RIVER BASIN

01053500 ANDROSCOGGIN RIVER AT ERROL, NH

LOCATION.--Lat 44° 46'57", long 71° 07'43", Coos County, Hydrologic Unit 01040001, on right bank 0.4 mi downstream from Errol Dam, 0.4 mi northeast of Errol, and 0.6 mi upstream from Clear Stream.

DRAINAGE AREA.--1,046 mi².

PERIOD OF RECORD.--

DISCHARGE: January 1905 to current year. November and December 1912, monthly discharges only, published in WSP 1301. Prior to 1922, published as "at Errol Dam." Records for water years 1923-44 have not been published but are available in the files of the U.S. Geological Survey.

CHEMICAL ANALYSES: Water years 1955, 1958.

REVISED RECORDS.--WDR ME-81-1: Drainage area. WDR ME-97-1: 1906-43(M) 1978-84(M).

GAGE.--Water-stage recorder. Datum of gage is 1,227.30 ft above National Geodetic Vertical Datum of 1929. Prior to Dec. 8, 1943, nonrecording gage at Errol Dam at datum 5.0 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Rangeley, Mooselookmeguntic, Richardson, Aziscohos, and Umbagog Lakes, combined usable capacity about 28.1 billion ft³, with final regulation at Errol Dam, 0.4 mi upstream. Telephone and satellite telemeters at station. Gage is operated in conjunction with a co-located precipitation gage (station 444657071074401). Records for precipitation are located in the Quantity of Precipitation section in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,500 ft³/s, May 22, 1969, gage height 9.40 ft; minimum daily discharge, leakage only at various times when gates in dam were closed in water years 1918, 1919, 1923, 1924, 1928, and 1941.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 8,520 ft³/s, Apr. 26, gage height, 6.44 ft; minimum daily discharge, 1,030 ft³/s, Nov. 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

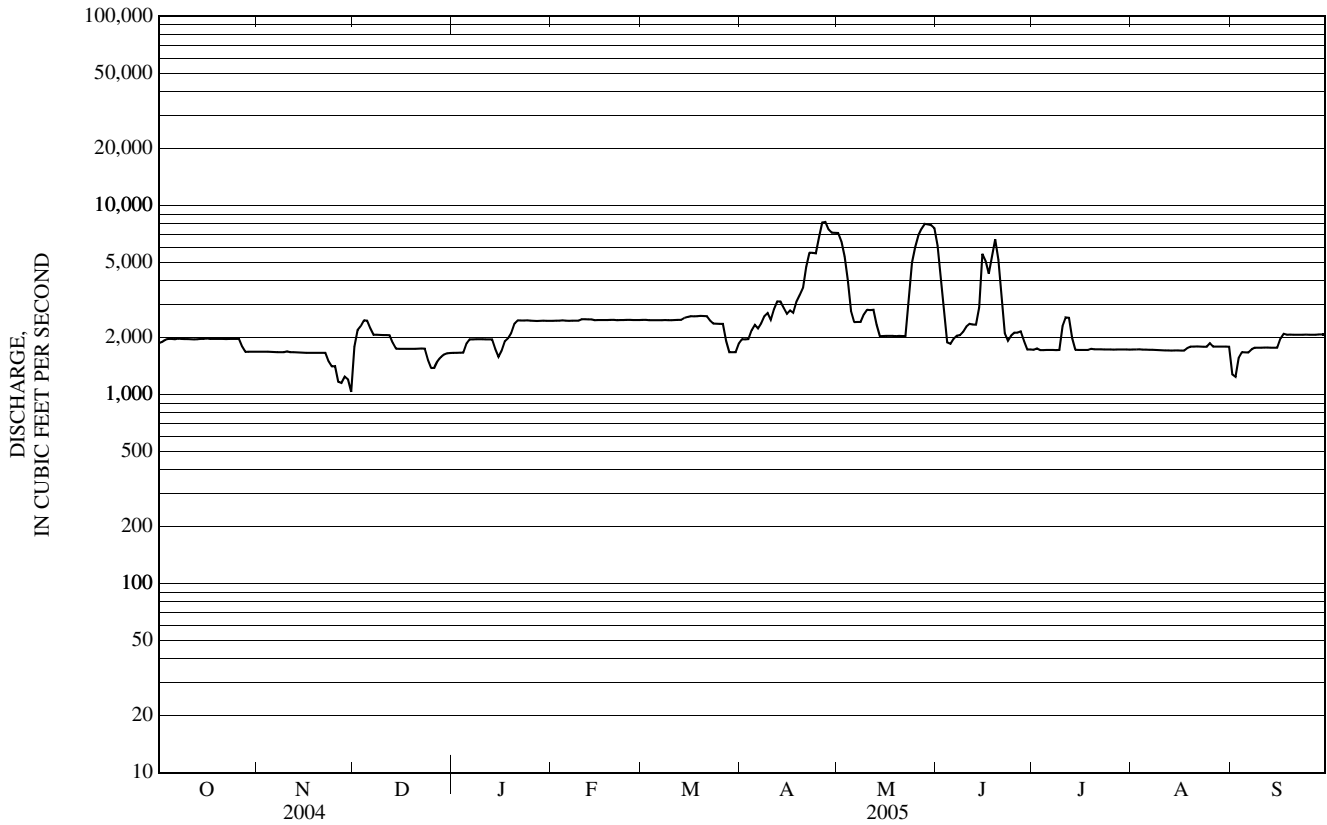
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,870	1,690	1,790	1,660	2,450	2,480	1,960	7,140	6,120	1,720	1,730	1,280
2	1,900	1,690	2,190	1,660	2,460	2,480	1,960	6,470	4,080	1,750	1,730	1,240
3	1,950	1,690	2,300	1,660	2,460	2,480	1,960	5,360	2,700	1,720	1,730	1,560
4	1,970	1,680	2,470	1,660	2,470	2,470	2,190	4,020	1,890	1,720	1,730	1,670
5	1,970	1,680	2,460	1,860	2,460	2,470	2,340	2,770	1,850	1,720	1,730	1,670
6	1,960	1,680	2,240	1,960	2,450	2,470	2,240	2,410	1,970	1,720	1,720	1,670
7	1,980	1,680	2,070	1,960	2,460	2,470	2,380	2,420	2,050	1,720	1,720	1,740
8	1,970	1,680	2,070	1,960	2,460	2,480	2,600	2,420	2,060	1,720	1,720	1,770
9	1,970	1,680	2,070	1,960	2,460	2,470	2,700	2,650	2,150	1,720	1,720	1,770
10	1,960	1,690	2,060	1,960	2,500	2,470	2,480	2,810	2,290	2,300	1,710	1,770
11	1,960	1,670	2,060	1,960	2,500	2,480	2,830	2,800	2,360	2,560	1,710	1,770
12	1,960	1,670	2,060	1,960	2,500	2,480	3,110	2,800	2,340	2,550	1,710	1,770
13	1,960	1,670	1,880	1,960	2,500	2,480	3,110	2,340	2,340	1,990	1,710	1,770
14	1,970	1,670	1,750	1,740	2,470	2,540	2,870	2,040	2,890	1,720	1,710	1,770
15	1,970	1,660	1,750	1,580	2,480	2,570	2,670	2,040	5,550	1,720	1,710	1,770
16	1,980	1,660	1,740	1,710	2,480	2,600	2,780	2,040	5,100	1,720	1,710	1,980
17	1,970	1,660	1,740	1,920	2,480	2,590	2,700	2,040	4,360	1,720	1,710	2,100
18	1,970	1,660	1,740	1,990	2,480	2,600	3,090	2,040	5,360	1,720	1,760	2,070
19	1,970	1,660	1,750	2,120	2,480	2,600	3,360	2,040	6,610	1,740	1,790	2,080
20	1,970	1,660	1,750	2,370	2,480	2,600	3,670	2,040	5,160	1,730	1,790	2,070
21	1,970	1,660	1,750	2,470	2,470	2,600	4,740	2,040	3,340	1,730	1,800	2,070
22	1,970	1,660	1,750	2,460	2,480	2,460	5,630	2,040	2,110	1,730	1,790	2,070
23	1,970	1,500	1,750	2,460	2,480	2,370	5,610	3,250	1,930	1,730	1,790	2,070
24	1,970	1,410	1,530	2,470	2,480	2,370	5,580	4,990	2,050	1,730	1,790	2,070
25	1,970	1,410	1,380	2,460	2,480	2,370	6,790	6,020	2,120	1,730	1,870	2,070
26	1,970	1,170	1,380	2,450	2,480	2,370	8,110	6,950	2,120	1,730	1,790	2,070
27	1,790	1,150	1,500	2,450	2,480	1,920	8,180	7,530	2,160	1,730	1,790	2,070
28	1,680	1,240	1,570	2,450	2,480	1,680	7,470	7,990	1,920	1,730	1,790	2,080
29	1,680	1,200	1,630	2,460	---	1,670	7,180	7,940	1,730	1,730	1,790	2,080
30	1,680	1,030	1,650	2,450	---	1,670	7,160	7,870	1,730	1,730	1,790	2,080
31	1,690	---	1,660	2,450	---	1,860	---	7,580	---	1,730	1,790	---
TOTAL	59,520	46,910	57,490	64,640	69,310	73,620	119,450	124,890	90,440	56,010	54,330	56,020
MEAN	1,920	1,564	1,855	2,085	2,475	2,375	3,982	4,029	3,015	1,807	1,753	1,867
MAX	1,980	1,690	2,470	2,470	2,500	2,600	8,180	7,990	6,610	2,560	1,870	2,100
MIN	1,680	1,030	1,380	1,580	2,450	1,670	1,960	2,040	1,730	1,720	1,710	1,240

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2005, BY WATER YEAR (WY)

MEAN	1,592	1,554	1,723	1,794	1,868	1,861	2,187	3,072	2,260	1,771	1,676	1,685
MAX	3,949	3,745	4,784	3,589	3,644	5,454	4,736	8,192	7,129	4,621	2,265	4,738
(WY)	(1955)	(1908)	(2004)	(1970)	(1996)	(1936)	(1913)	(1974)	(1917)	(1996)	(1990)	(1954)
MIN	921	759	844	760	718	592	770	1,027	763	808	840	902
(WY)	(1922)	(1922)	(1909)	(1909)	(1911)	(1948)	(1940)	(1941)	(1911)	(1915)	(1915)	(1911)

01053500 ANDROSCOGGIN RIVER AT ERROL, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1905 - 2005	
ANNUAL TOTAL	739,209		872,630		1,919	
ANNUAL MEAN	2,020		2,391		3,117	
HIGHEST ANNUAL MEAN					1,046	1996
LOWEST ANNUAL MEAN					16,100	1911
HIGHEST DAILY MEAN	6,680	Apr 21	8,180	Apr 27	16,100	May 22, 1969
LOWEST DAILY MEAN	992	Mar 30	1,030	Nov 30	0.00	Oct 31, 1917
ANNUAL SEVEN-DAY MINIMUM	1,230	Jul 28	1,230	Nov 24	152	Mar 21, 1948
MAXIMUM PEAK FLOW			8,520	Apr 26	16,500	May 22, 1969
MAXIMUM PEAK STAGE			6.44	Apr 26	9.40	May 22, 1969
10 PERCENT EXCEEDS	3,380		3,100		2,630	
50 PERCENT EXCEEDS	1,800		1,970		1,690	
90 PERCENT EXCEEDS	1,250		1,670		1,140	



ANDROSCOGGIN RIVER BASIN

01054000 ANDROSCOGGIN RIVER NEAR GORHAM, NH

LOCATION.--Lat 44°26'09", long 71°11'25", Coos County, Hydrologic Unit 01040001, on right bank at Pulsifer Rips, 2.2 mi downstream from Dead River, and 4.0 mi upstream from Gorham.

DRAINAGE AREA.--1,361 mi².

PERIOD OF RECORD.--

DISCHARGE: October 1913 to current year. October 1922 to September 1928, monthly discharge only, published in WSP 1301. Discharges for Deceember 1917 not used in long-term statistics because of unknown discharge on Dec. 25, 1917. Prior to October 1928, published as "at Berlin."

REVISED RECORDS.--WDR ME-81-1: Drainage area. WDR ME-97-1: 1913-28(M)

GAGE.--Water-stage recorder. Datum of gage is 832.88 ft above National Geodetic Vertical Datum of 1929. Prior to Sept. 30, 1922, nonrecording gage showing head and tailwater elevations at site 3 mi upstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Rangeley, Mooselookmeguntic, Richardson, Aziscohos, and Umbagog Lakes, combined usable capacity about 28.1 billion ft³, with final regulation at Errol Dam 35 mi upstream. Diurnal fluctuations caused by power plant 0.8 mi upstream. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 21,900 ft³/s, estimated, Apr. 30, 1923; minimum daily discharge, leakage only, Dec. 25, 1917, when gates in dam were closed.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11,300 ft³/s, Apr. 25, gage height, 7.84 ft; minimum daily discharge, 1,630 ft³/s, Aug. 19.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

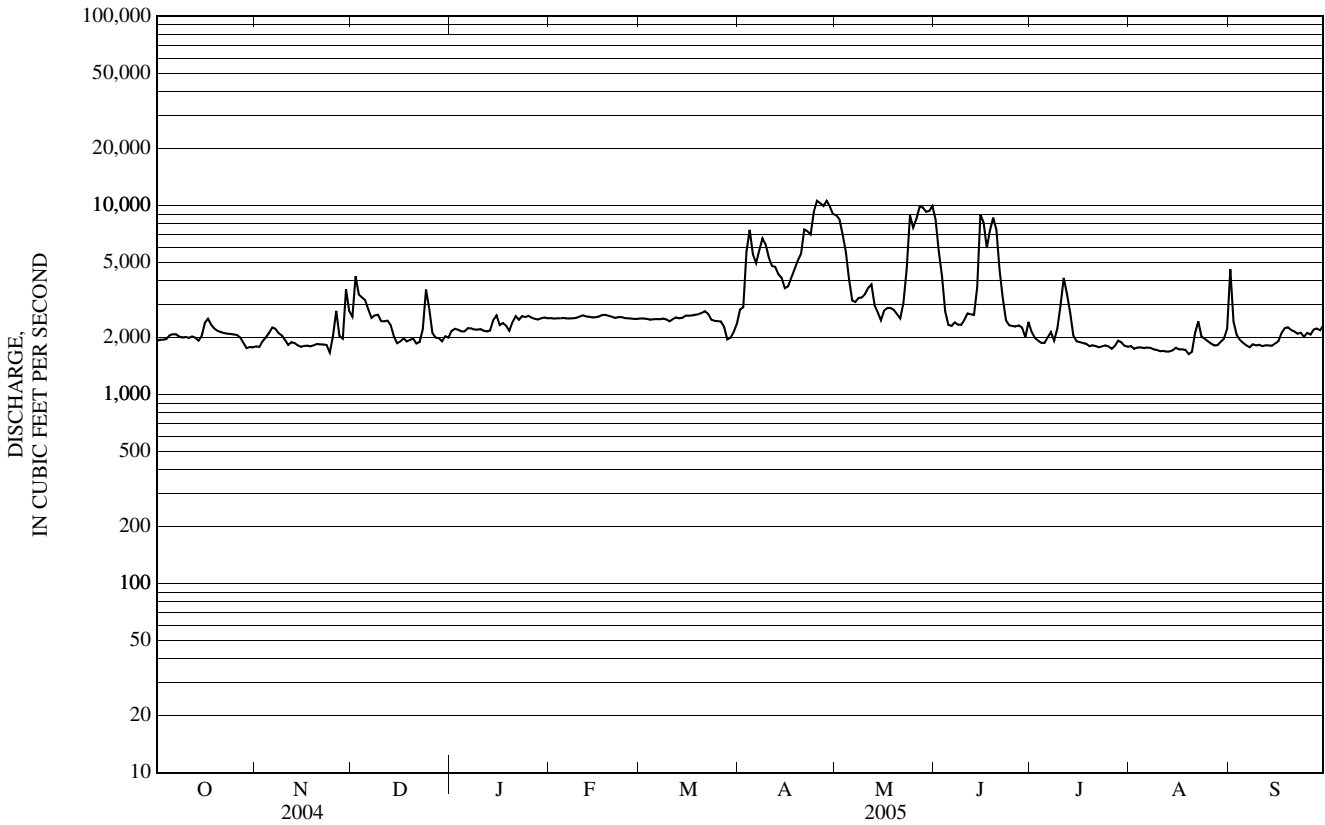
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,910	1,800	2,570	2,170	2,540	2,530	2,820	8,890	8,400	2,130	1,800	4,600
2	1,950	1,790	4,220	2,220	2,520	2,520	2,900	8,460	5,710	1,990	1,750	2,430
3	1,950	1,920	3,390	2,200	2,530	2,510	5,700	7,020	4,230	1,930	1,770	2,070
4	1,970	2,000	3,260	2,160	2,530	2,490	7,420	5,690	2,750	1,880	1,770	1,950
5	2,050	2,120	3,150	2,160	2,540	2,500	5,530	4,070	2,330	1,880	1,760	1,880
6	2,080	2,260	2,820	2,240	2,530	2,510	4,960	3,140	2,310	2,010	1,770	1,820
7	2,080	2,230	2,540	2,240	2,520	2,500	5,790	3,080	2,410	2,140	1,770	1,780
8	2,020	2,110	2,620	2,210	2,530	2,520	6,690	3,240	2,340	1,930	1,740	1,840
9	2,000	2,060	2,640	2,200	2,540	2,500	6,220	3,260	2,340	2,230	1,720	1,820
10	2,020	1,940	2,440	2,220	2,580	2,440	5,290	3,390	2,480	2,970	1,700	1,830
11	1,990	1,830	2,440	2,180	2,620	2,500	4,790	3,660	2,690	4,140	1,700	1,800
12	2,030	1,890	2,460	2,160	2,580	2,550	4,730	3,820	2,660	3,410	1,690	1,820
13	2,000	1,870	2,320	2,180	2,580	2,530	4,320	2,970	2,640	2,710	1,690	1,820
14	1,930	1,820	2,030	2,480	2,550	2,550	4,150	2,720	3,690	2,050	1,710	1,810
15	2,040	1,790	1,870	2,620	2,560	2,610	3,650	2,470	8,980	1,910	1,770	1,870
16	2,390	1,810	1,910	2,330	2,580	2,610	3,730	2,780	8,130	1,890	1,730	1,920
17	2,510	1,820	1,980	2,390	2,630	2,620	4,140	2,870	5,950	1,870	1,730	2,120
18	2,340	1,800	1,910	2,310	2,640	2,640	4,600	2,870	7,390	1,860	1,720	2,250
19	2,230	1,820	1,940	2,170	2,610	2,660	5,100	2,800	8,620	1,800	1,630	2,270
20	2,170	1,850	1,980	2,420	2,580	2,700	5,540	2,660	7,430	1,820	1,680	2,190
21	2,140	1,840	1,860	2,600	2,540	2,760	7,450	2,530	4,550	1,800	2,120	2,150
22	2,110	1,840	1,890	2,490	2,570	2,670	7,310	3,060	3,230	1,780	2,440	2,090
23	2,100	1,830	2,220	2,600	2,570	2,490	7,010	4,570	2,470	1,800	2,020	2,120
24	2,090	1,670	3,590	2,570	2,530	2,450	9,230	8,860	2,320	1,820	1,970	2,020
25	2,080	2,050	2,850	2,610	2,530	2,450	10,600	7,620	2,310	1,800	1,910	2,110
26	2,060	2,770	2,120	2,540	2,520	2,430	10,300	8,470	2,290	1,750	1,860	2,080
27	2,000	2,040	2,000	2,510	2,510	2,280	9,920	9,840	2,320	1,810	1,820	2,200
28	1,880	1,970	1,990	2,490	2,510	1,960	10,600	9,760	2,260	1,930	1,830	2,240
29	1,760	3,590	1,910	2,530	---	2,000	9,880	9,260	2,010	1,890	1,900	2,190
30	1,780	2,770	2,030	2,550	---	2,140	9,000	9,330	2,420	1,810	1,970	2,320
31	1,770	---	2,000	2,530	---	2,360	---	9,950	---	1,790	2,220	---
TOTAL	63,430	60,900	74,950	73,280	71,570	76,980	189,370	163,110	119,660	64,530	56,660	63,410
MEAN	2,046	2,030	2,418	2,364	2,556	2,483	6,312	5,262	3,989	2,082	1,828	2,114
MAX	2,510	3,590	4,220	2,620	2,640	2,760	10,600	9,950	8,980	4,140	2,440	4,600
MIN	1,760	1,670	1,860	2,160	2,510	1,960	2,820	2,470	2,010	1,750	1,630	1,780

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2005, BY WATER YEAR (WY)

MEAN	2,049	2,106	2,167	2,144	2,169	2,494	3,981	4,229	2,793	2,067	1,917	1,971
MAX	4,894	4,292	5,811	4,044	4,294	7,684	6,474	10,050	10,560	5,840	2,792	6,387
(WY)	(1955)	(1991)	(1974)	(1970)	(1996)	(1936)	(1976)	(1937)	(1917)	(1996)	(1990)	(1954)
MIN	1,374	1,365	1,257	1,276	1,299	1,376	1,755	1,746	1,545	1,424	1,462	1,330
(WY)	(1942)	(2002)	(1953)	(1953)	(1922)	(1922)	(1965)	(1941)	(1915)	(2003)	(1995)	(1995)

01054000 ANDROSCOGGIN RIVER NEAR GORHAM, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1914 - 2005	
ANNUAL TOTAL	888,764		1,077,850			
ANNUAL MEAN	2,428		2,953		2,512	
HIGHEST ANNUAL MEAN					4,147	
LOWEST ANNUAL MEAN					1,689	
HIGHEST DAILY MEAN	7,980	Apr 21	10,600	Apr 25	20,000	Jun 18, 1917
LOWEST DAILY MEAN	944	Jul 2	1,630	Aug 19	795	Mar 15, 1948
ANNUAL SEVEN-DAY MINIMUM	1,330	Jun 26	1,710	Aug 8	866	Mar 10, 1948
MAXIMUM PEAK FLOW			11,300	Apr 25	21,900	Apr 30, 1923
MAXIMUM PEAK STAGE			7.84	Apr 25		
10 PERCENT EXCEEDS	3,400		5,530		3,760	
50 PERCENT EXCEEDS	2,120		2,320		2,010	
90 PERCENT EXCEEDS	1,470		1,800		1,580	



01064500 SACO RIVER NEAR CONWAY, NH

LOCATION.--Lat 43° 59'27", long 71° 05'26", Carroll County, Hydrologic Unit 01060002, on left bank at Odell Falls, and 1.8 mi downstream from Swift River and Conway.

DRAINAGE AREA.--385 mi².

PERIOD OF RECORD.--

DISCHARGE: October 1903 to December 1909, February 1929 to current year. Monthly discharge only for some periods, published in WSP 1301. Prior to 1912 published as "at Center Conway".

GAGE HEIGHT: August to September 1903, January 1910 to June 1912.

REVISED RECORDS.--WSP 1301: 1908-09. WDR ME-81-1: Drainage area. WDR ME-87-1: 1936 (M), 1951 (M), 1953 (M), 1960 (M), 1977 (M).

GAGE.--Water-stage recorder. Datum of gage is 418.19 ft above National Geodetic Vertical Datum of 1929. Aug. 26, 1903 to June 30, 1912, nonrecording gage at site 0.8 mi downstream at different datum.

REMARKS.--Records good, except for periods of ice effect, Dec. 15-23 and Dec. 26 to Mar. 9, which are fair. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 47,200 ft³/s, Mar. 27, 1953, gage height, 17.20 ft; maximum gage height, 19.03 ft, Mar. 7, 1979 (backwater from ice); minimum discharge, 40 ft³/s, Mar. 16, 1932, gage height, 1.61 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 29	0445	11,800	8.89	Apr 21	0800	9,940	8.36
Dec 24	0545	12,500	9.07	Apr 24	2100	*25,200	*12.11
Apr 3	1845	17,300	10.23	Apr 28	0600	13,900	9.44

Minimum discharge, 163 ft³/s, Aug. 28, gage height, 2.25 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	325	369	3,190	e825	e486	e361	1,530	5,200	2,310	1,230	298	4,200
2	312	351	4,550	e803	e474	e358	1,550	3,690	1,930	911	357	1,270
3	313	403	2,660	e792	e469	e353	9,650	2,930	1,660	717	362	766
4	302	486	2,020	e792	e463	e345	7,490	2,430	1,480	606	335	553
5	287	567	1,670	e735	e461	e344	4,100	2,140	1,330	542	290	458
6	274	679	1,330	e675	e457	e341	3,640	1,880	1,210	664	312	387
7	270	597	1,270	e657	e455	e337	3,870	1,750	1,210	1,180	287	341
8	265	598	1,260	e640	e453	e335	4,280	1,890	1,070	803	256	311
9	260	537	1,210	e613	e469	e332	4,090	1,670	965	955	239	290
10	255	456	1,090	e584	e527	e408	3,570	1,660	1,120	1,240	235	266
11	246	435	1,120	e561	e471	e408	3,530	1,780	1,280	1,230	228	250
12	238	419	1,050	e546	e444	e398	2,780	2,080	1,090	892	213	238
13	234	397	962	e534	e433	e395	2,290	1,530	933	713	210	225
14	230	363	881	e1,780	e409	e391	2,140	1,260	921	624	206	215
15	269	373	e749	e1,540	e472	e387	2,120	1,270	1,830	831	232	241
16	1,130	360	e684	e1,210	e517	e374	2,040	2,040	1,490	687	248	289
17	931	353	e648	e977	e670	e363	2,270	1,500	1,660	554	215	348
18	604	348	e622	e723	e558	e355	2,840	1,290	1,920	527	197	362
19	475	348	e593	e600	e471	e344	2,810	1,160	2,370	655	185	319
20	421	352	e571	e627	e445	e323	3,710	1,080	1,570	970	185	290
21	389	355	e551	e591	e408	e319	7,160	1,030	1,260	638	210	281
22	369	361	e542	e580	e394	e337	3,650	1,670	1,120	516	253	251
23	354	368	e635	e595	e374	e359	3,240	2,530	993	614	212	224
24	343	360	7,250	e584	e362	e355	13,400	6,000	879	476	188	213
25	334	3,100	2,540	e565	e363	e355	9,940	4,260	793	419	185	205
26	326	2,670	e1,670	e543	e352	e348	4,490	5,390	714	391	177	215
27	311	1,420	e1,300	e533	e352	e355	4,500	5,250	673	366	168	537
28	299	1,540	e1,100	e519	e351	e505	11,300	3,350	700	356	167	454
29	291	7,550	e979	e518	---	e1,170	5,750	2,700	728	335	246	362
30	287	3,050	e880	e512	---	1,430	4,030	3,380	712	312	475	793
31	317	---	e846	e499	---	1,500	---	2,990	---	293	955	---
TOTAL	11,261	29,565	46,423	22,253	12,560	14,285	137,760	78,780	37,921	21,247	8,326	15,154
MEAN	363	986	1,498	718	449	461	4,592	2,541	1,264	685	269	505
MAX	1,130	7,550	7,250	1,780	670	1,500	13,400	6,000	2,370	1,240	955	4,200
MIN	230	348	542	499	351	319	1,530	1,030	673	293	167	205
CFSM	0.94	2.56	3.89	1.86	1.17	1.20	11.9	6.60	3.28	1.78	0.70	1.31
IN.	1.09	2.86	4.49	2.15	1.21	1.38	13.31	7.61	3.66	2.05	0.80	1.46

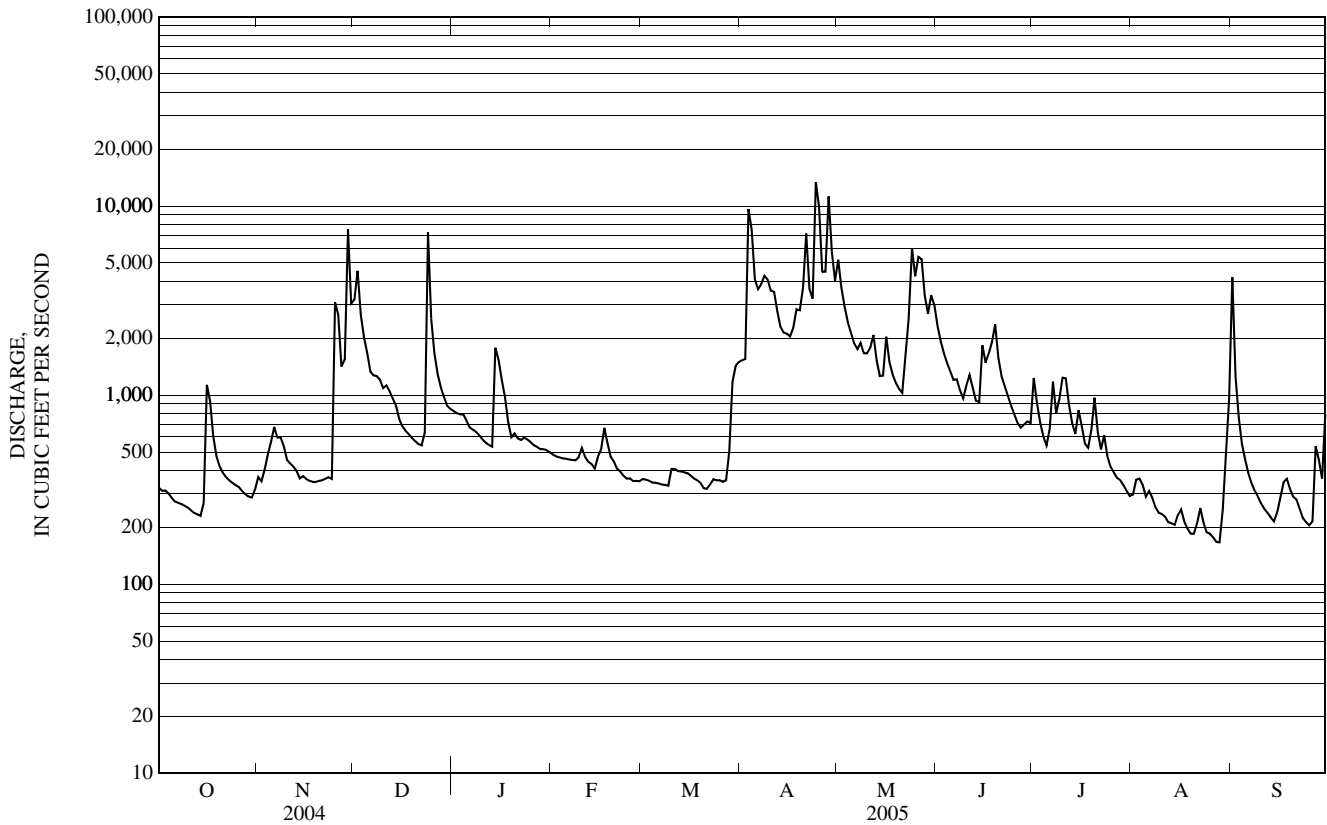
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	648	958	791	570	501	957	2,639	2,206	847	438	362	398
MAX	2,369	2,493	2,886	1,887	3,170	5,986	4,592	4,609	3,644	2,043	1,685	1,794
(WY)	(1978)	(1908)	(2004)	(1986)	(1981)	(1936)	(2005)	(1940)	(1998)	(1973)	(1990)	(1954)
MIN	114	211	152	144	124	146	871	614	300	158	120	102
(WY)	(1948)	(1909)	(1956)	(1940)	(1940)	(1940)	(1995)	(1941)	(1964)	(1991)	(2001)	(1948)

e Estimated

01064500 SACO RIVER NEAR CONWAY, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	314,742		435,535		944	
ANNUAL MEAN	860		1,193		489	
HIGHEST ANNUAL MEAN					1,463	1973
LOWEST ANNUAL MEAN					489	1965
HIGHEST DAILY MEAN	7,550	Nov 29	13,400	Apr 24	33,900	Mar 19, 1936
LOWEST DAILY MEAN	191	Aug 11	167	Aug 28	66	Aug 4, 1959
ANNUAL SEVEN-DAY MINIMUM	218	Aug 5	192	Aug 23	74	Aug 3, 1959
MAXIMUM PEAK FLOW			25,200	Apr 24	47,200	Mar 27, 1953
MAXIMUM PEAK STAGE			12.11	Apr 24	19.03	Mar 7, 1979
INSTANTANEOUS LOW FLOW			163	Aug 28	40	Mar 16, 1932
ANNUAL RUNOFF (CF5M)	2.23		3.10		2.45	
ANNUAL RUNOFF (INCHES)	30.41		42.08		33.30	
10 PERCENT EXCEEDS	1,740		2,950		2,170	
50 PERCENT EXCEEDS	508		565		461	
90 PERCENT EXCEEDS	275		256		185	



01064801 BEARCAMP RIVER AT SOUTH TAMWORTH, NH

LOCATION.--Lat 43° 49'48", long 71° 17'18", Carroll County, Hydrologic Unit 01060002, on right bank, 0.7 mi upstream of Sanger Brook, 0.8 mi east of South Tamworth, 1.0 mi downstream of Cold Brook, and 1.1 mi west of Whittier.

DRAINAGE AREA.--67.6 mi².

PERIOD OF RECORD.--Discharge records: April 1993 to current year. Published as "near South Tamworth" prior to October 1995.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 490 ft above National Geodetic Vertical Datum of 1929, from topographic map. Formerly published as Bear Camp River.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 29	0215	1,940	6.93	Apr 3	1430	*3,620	8.05
Dec 2	0000	1,750	6.83	Apr 24	1615	3,350	7.84
Dec 24	0300	1,830	6.88	Apr 28	0145	1,610	6.71
Jan 27	0130	ice jam	*11.44				

Minimum discharge, 11 ft³/s, Aug. 27, 28, gage height, 3.32 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	34	853	e115	e67	47	584	769	e239	207	22	722
2	24	32	1,130	e108	e61	47	576	490	e181	152	61	203
3	27	60	559	e115	e58	45	2,430	344	142	106	52	113
4	25	64	351	124	e55	42	1,640	263	118	79	39	72
5	23	169	259	112	e55	41	817	224	101	64	31	52
6	21	158	179	e91	e54	40	707	188	87	68	26	40
7	21	124	160	e96	e54	39	709	171	84	120	22	33
8	20	108	166	e89	e55	41	774	193	73	92	20	28
9	20	90	166	e89	63	41	643	170	65	152	18	24
10	20	74	147	e94	92	46	509	151	122	171	16	21
11	23	68	170	e81	113	42	442	140	238	113	15	19
12	46	63	174	e78	78	41	341	132	291	81	14	18
13	40	58	157	e88	68	41	275	114	238	65	16	16
14	34	53	137	e340	58	40	241	102	223	60	15	16
15	34	52	e95	275	73	41	224	108	493	62	21	20
16	162	49	e96	161	e101	42	206	145	377	52	18	26
17	128	47	e100	135	e151	41	209	119	413	46	16	35
18	86	45	e74	114	e128	42	238	102	483	50	14	37
19	66	44	e81	e111	e111	44	222	92	578	63	13	33
20	56	43	e73	e105	e91	48	250	85	349	89	13	31
21	49	43	e59	e105	78	57	e600	76	227	67	17	46
22	44	46	e74	e99	82	66	338	123	189	50	20	33
23	41	45	e140	e99	68	81	359	234	153	46	15	27
24	38	47	1,070	e99	61	80	2,110	549	120	38	13	23
25	36	675	489	e99	58	79	1,210	498	97	33	14	20
26	35	443	344	e97	53	82	600	646	80	30	12	23
27	35	257	e250	e90	51	87	546	523	69	28	11	145
28	31	327	e160	e89	48	158	1,340	320	73	28	12	85
29	30	1,150	e154	e82	---	594	737	236	91	24	79	75
30	30	512	e132	e76	---	635	503	235	97	22	83	164
31	33	---	e119	e69	---	662	---	e290	---	20	386	---
TOTAL	1,302	4,980	8,118	3,525	2,085	3,432	20,380	7,832	6,091	2,278	1,124	2,200
MEAN	42.0	166	262	114	74.5	111	679	253	203	73.5	36.3	73.3
MAX	162	1,150	1,130	340	151	662	2,430	769	578	207	386	722
MIN	20	32	59	69	48	39	206	76	65	20	11	16
CFSM	0.62	2.46	3.87	1.68	1.10	1.64	10.0	3.74	3.00	1.09	0.54	1.08
IN.	0.72	2.74	4.47	1.94	1.15	1.89	11.22	4.31	3.35	1.25	0.62	1.21

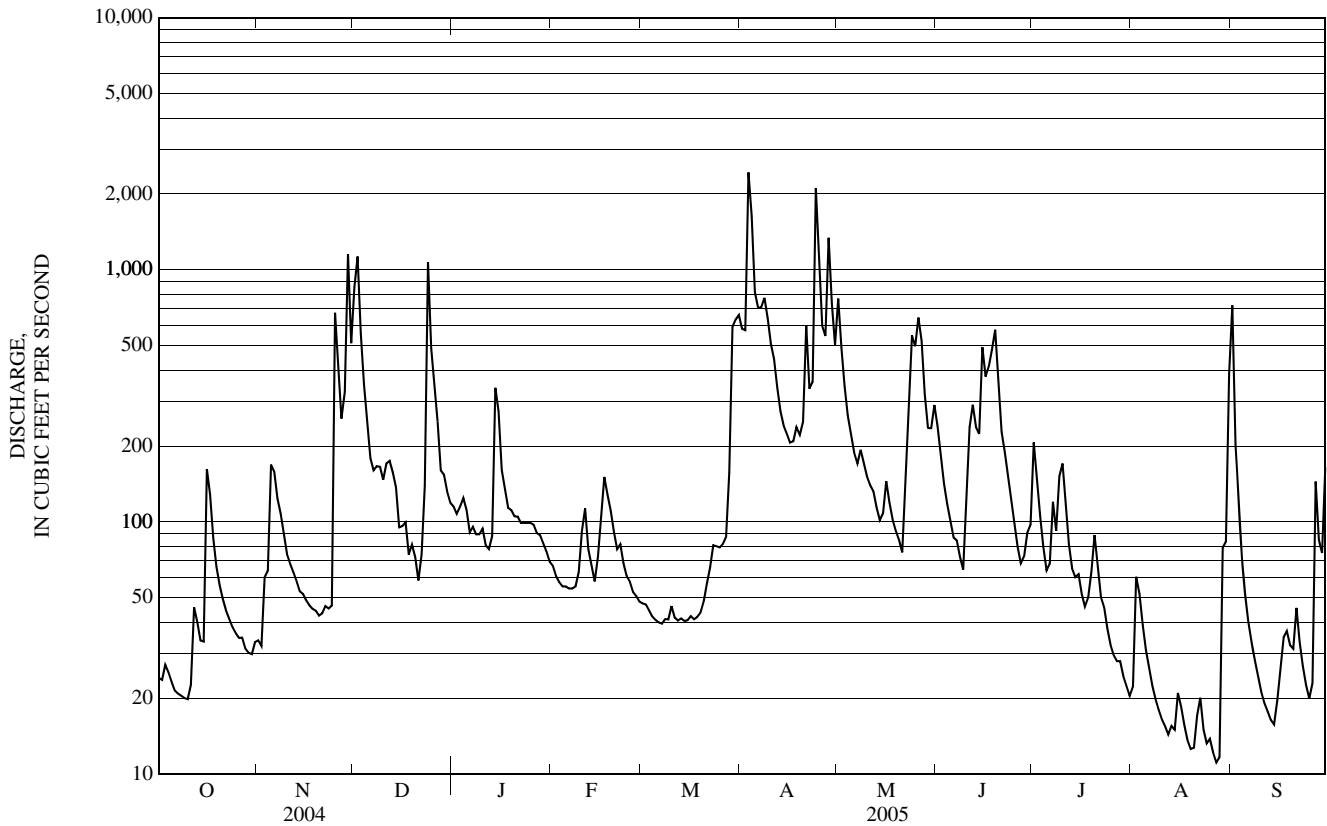
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

	110	162	177	113	98.7	219	436	196	137	62.5	46.3	58.1
MAX	306	302	444	331	242	436	679	398	811	178	191	243
(WY)	(2004)	(1996)	(2004)	(1996)	(1997)	(1998)	(2005)	(1996)	(1998)	(1996)	(2003)	(1999)
MIN	23.5	35.6	60.3	34.2	34.4	86.7	129	77.4	34.7	14.2	4.63	9.43
(WY)	(2002)	(2002)	(1998)	(2002)	(2004)	(2001)	(1995)	(1993)	(1999)	(2003)	(2002)	(2002)

01064801 BEARCAMP RIVER AT SOUTH TAMWORTH, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	45,811		63,347		152	
ANNUAL MEAN	125		174		217	
HIGHEST ANNUAL MEAN					1996	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	1,260	Apr 2	2,430	Apr 3	5,370	Jun 14, 1998
LOWEST DAILY MEAN	a 15	Jul 4	11	Aug 27	b 2.1	Sep 12, 2002
ANNUAL SEVEN-DAY MINIMUM	19	Jun 29	14	Aug 22	b 2.5	Sep 8, 2002
MAXIMUM PEAK FLOW			3,620	Apr 3	6,150	Jun 14, 1998
MAXIMUM PEAK STAGE			c 11.44	Jan 27	c 11.44	Jan 27, 2005
INSTANTANEOUS LOW FLOW			d 11	Aug 27	f 2.0	Sep 13, 2002
ANNUAL RUNOFF (CFSM)	1.85		2.57		2.24	
ANNUAL RUNOFF (INCHES)	25.21		34.86		30.48	
10 PERCENT EXCEEDS	270		491		350	
50 PERCENT EXCEEDS	64		82		70	
90 PERCENT EXCEEDS	24		22		18	

- a Also occurred on July 5, 2004.
- b Also occurred on September 13, 14, 2002.
- c Ice jam.
- d Also occurred on August 28.
- e Estimated.
- f Also occurred on September 14, 2002.



PISCATAQUA RIVER BASIN

01072100 SALMON FALLS RIVER AT MILTON, NH

LOCATION.--Lat 43° 24'48", long 70° 59'15", Strafford County, Hydrologic Unit 01060003, on right bank, just downstream from Milton Pond at Milton, 4.2 mi east of Farmington, and 7.4 mi north of Rochester.

DRAINAGE AREA.--108 mi².

PERIOD OF RECORD.--Discharge records: October 1968 to June 2005 (discontinued).

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Elevation of gage is 405 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those from Dec. 2-6, Mar. 31 to May 13, and May 24 to June 1, which are fair. Flow regulated by Great East and Lovell Lakes and Horn, Wilson, and Milton (also controls Northeast and Town House) Ponds. These reservoirs have a combined usable capacity of about 1.28 billion ft³.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,080 ft³/s, Apr. 4, gage height, 5.46 ft; minimum daily discharge, 41 ft³/s, Oct. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	156	211	493	276	140	132	962	764	510	---	---	---
2	197	134	660	272	137	133	917	448	409	---	---	---
3	195	87	651	268	133	132	1,350	307	321	---	---	---
4	101	95	521	267	134	130	1,930	398	285	---	---	---
5	44	96	460	264	133	128	1,800	395	267	---	---	---
6	41	98	388	256	131	126	1,460	350	244	---	---	---
7	83	104	287	247	130	125	1,330	366	225	---	---	---
8	164	140	281	238	129	126	1,190	383	211	---	---	---
9	164	157	276	229	127	130	1,100	383	171	---	---	---
10	164	155	275	221	133	130	1,020	337	175	---	---	---
11	193	154	285	212	144	130	750	241	202	---	---	---
12	216	120	307	204	149	133	439	e250	207	---	---	---
13	214	96	321	198	151	135	404	e265	198	---	---	---
14	221	95	320	200	149	132	408	248	217	---	---	---
15	228	95	311	231	154	132	411	245	309	---	---	---
16	246	95	244	250	200	129	389	250	319	---	---	---
17	268	95	212	256	239	129	379	256	305	---	---	---
18	270	95	213	250	251	126	297	253	320	---	---	---
19	259	94	216	239	251	125	290	251	321	---	---	---
20	253	94	224	232	243	124	235	229	250	---	---	---
21	252	94	242	195	234	124	392	216	210	---	---	---
22	248	75	255	153	223	126	504	266	216	---	---	---
23	242	62	259	155	215	130	480	435	214	---	---	---
24	235	63	338	153	158	134	556	874	199	---	---	---
25	231	66	444	153	132	138	825	1,240	179	---	---	---
26	230	74	436	154	132	143	879	1,400	163	---	---	---
27	225	79	379	153	132	147	739	1,340	120	---	---	---
28	219	87	330	150	130	217	849	1,050	92	---	---	---
29	216	311	313	149	---	388	909	659	109	---	---	---
30	214	518	300	144	---	728	806	575	155	---	---	---
31	214	---	283	143	---	956	---	604	---	---	---	---
TOTAL	6,203	3,739	10,524	6,512	4,614	5,818	24,000	15,278	7,123	---	---	---
MEAN	200	125	339	210	165	188	800	493	237	---	---	---
MAX	270	518	660	276	251	956	1,930	1,400	510	---	---	---
MIN	41	62	212	143	127	124	235	216	92	---	---	---

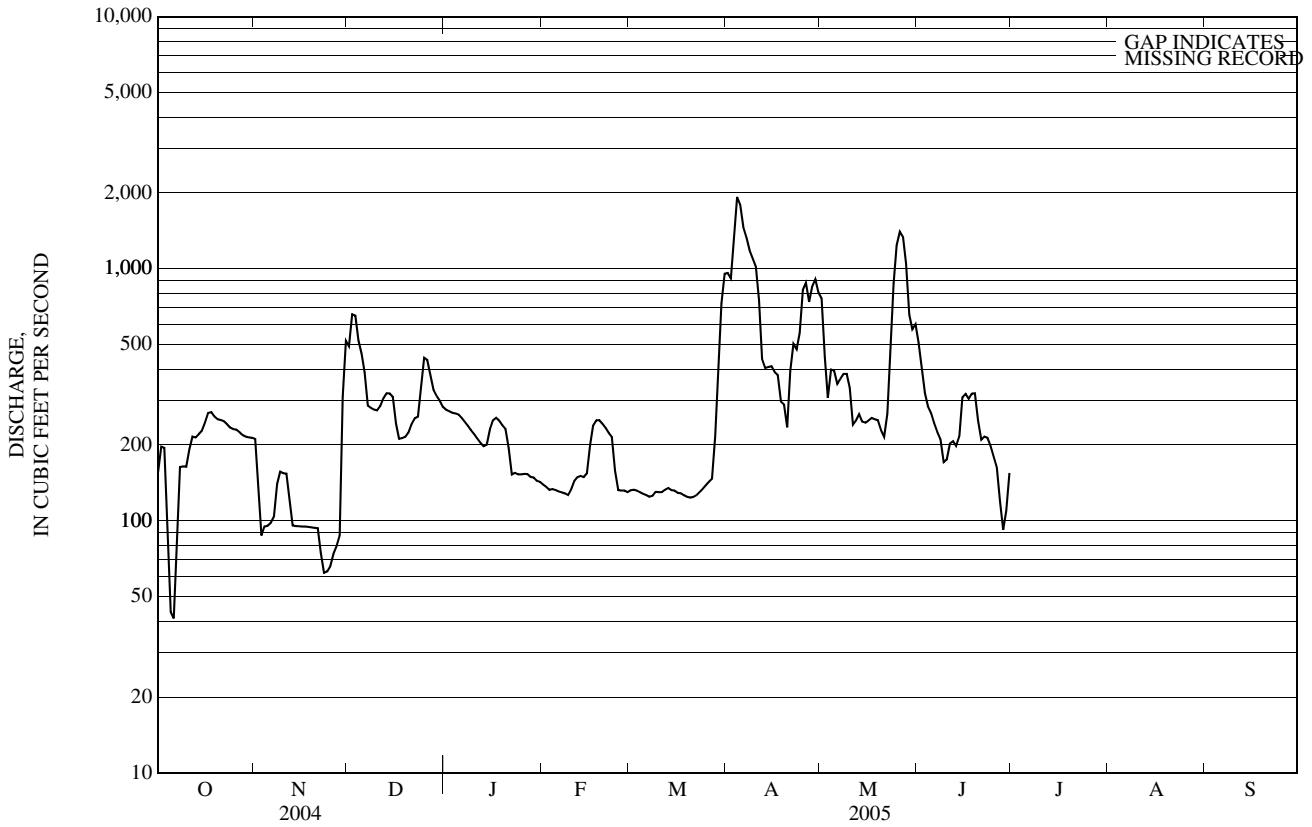
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2005, BY WATER YEAR (WY)

MEAN	179	196	226	173	178	302	440	232	136	64.9	62.7	75.3
MAX	499	487	604	384	439	720	908	493	650	181	165	162
(WY)	(1978)	(1996)	(1984)	(1978)	(1970)	(1979)	(1969)	(2005)	(1998)	(1996)	(1982)	(1999)
MIN	81.1	62.7	27.7	27.1	47.1	91.1	103	55.4	35.5	23.5	19.8	15.0
(WY)	(2003)	(2002)	(2002)	(2002)	(2004)	(2004)	(1985)	(1985)	(1999)	(2003)	(2002)	(2002)

01072100 SALMON FALLS RIVER AT MILTON, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		WATER YEARS 1969 - 2005	
ANNUAL TOTAL	64,012			
ANNUAL MEAN	175		187	
HIGHEST ANNUAL MEAN			307	1984
LOWEST ANNUAL MEAN			94.7	2002
HIGHEST DAILY MEAN	1,210	Apr 3	3,220	Mar 15, 1977
LOWEST DAILY MEAN	a 36	Jun 22	b 14	Sep 19, 2002
ANNUAL SEVEN-DAY MINIMUM	41	Aug 6	14	Sep 16, 2002
MAXIMUM PEAK FLOW			4,000	Apr 6, 1984
MAXIMUM PEAK STAGE			6.70	Apr 6, 1984
10 PERCENT EXCEEDS	341		396	
50 PERCENT EXCEEDS	122		131	
90 PERCENT EXCEEDS	44		37	

a Also occurred on June 22, 24, 25 and August 6, 10, 2004.
 b Also occurred on September 20-22 and October 2, 3, 2002.
 c Estimated.



PISCATAQUA RIVER BASIN

01072800 COCHECO RIVER NEAR ROCHESTER, NH

LOCATION.--Lat 43° 16'06", long 70° 58'27", Strafford County, Hydrologic Unit 01060003, on right bank, directly behind Rochester Country Club, 0.6 mi south by southeast of Gonic, 2.5 mi south of Rochester City Hall, approximately 3.3 mi upstream from mouth of Isinglass River, and approximately 12.6 mi above mouth.

DRAINAGE AREA.--85.7 mi².

REVISED RECORDS.--WDR NH-VT-97-1: Drainage area.

PERIOD OF RECORD.--Discharge records: March 1995 to current year. Published as "at Rochester" prior to October 1996.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 125 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Some regulation by small hydro plants, Sunrise and Baxter Lakes, City Dam No. 1, and the Rochester Reservoirs. Low flows diverted from Berrys River (tributary to Isinglass River) to Rochester Reservoir (head of Howard Brook) then into the Rochester City water supply system. Unknown amount of diverted flow enters the Cochecho River Basin above the gage.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 29	2345	818	6.77	Apr 4	0215	*2,650	*13.01
Dec 2	1530	803	6.71	Apr 28	1930	964	7.42
Mar 30	0100	1,580	10.15	May 26	0830	980	7.50

Minimum daily discharge, 7.2 ft³/s, Sept. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49	64	415	126	e96	96	825	538	278	257	41	19
2	47	59	707	134	e91	96	793	491	230	184	66	20
3	46	70	504	125	e87	e87	1,680	375	195	138	74	20
4	44	84	320	146	e88	e75	2,060	310	166	104	59	18
5	42	176	251	174	e88	e75	1,080	262	144	81	48	16
6	38	180	211	154	e87	e82	811	226	127	70	41	15
7	36	138	185	138	e85	80	658	217	117	65	36	13
8	34	115	172	e127	e84	84	570	261	108	64	33	12
9	33	99	187	e120	e85	e90	500	244	120	150	29	11
10	33	92	196	121	e125	e115	415	209	123	188	26	9.3
11	31	89	321	114	e200	e98	337	179	160	133	23	8.3
12	29	81	475	108	e200	98	282	160	147	97	22	7.7
13	28	74	336	109	e155	96	251	140	117	76	22	7.5
14	28	70	252	197	e130	94	227	127	133	66	21	7.2
15	29	67	197	e380	e160	93	203	129	220	60	24	7.4
16	91	64	e160	e320	e215	95	178	150	202	54	25	14
17	112	62	148	e270	e260	93	162	144	201	49	24	16
18	82	61	e125	e170	e250	94	150	133	297	47	23	17
19	65	60	122	e150	e225	e96	140	124	276	48	20	17
20	56	58	e117	e160	e185	104	135	111	196	47	18	16
21	55	60	e108	e135	e155	118	192	103	151	42	17	15
22	60	61	e105	e115	e140	136	206	180	132	39	17	15
23	58	60	113	e120	e135	162	206	280	122	79	16	13
24	56	62	380	e125	e117	162	415	553	100	76	14	12
25	54	130	399	e135	e115	165	618	890	83	59	13	11
26	51	169	249	e130	e102	183	425	951	75	48	13	11
27	49	133	e185	e120	e97	189	338	872	69	41	14	13
28	47	133	e145	e115	e92	315	765	601	61	46	13	14
29	45	557	e150	e110	---	1,080	748	397	142	69	15	14
30	46	595	e135	e110	---	1,390	466	354	316	56	17	15
31	57	---	123	e100	---	1,020	---	316	---	46	17	---
TOTAL	1,531	3,723	7,493	4,658	3,849	6,761	15,836	10,027	4,808	2,579	841	404.4
MEAN	49.4	124	242	150	137	218	528	323	160	83.2	27.1	13.5
MAX	112	595	707	380	260	1,390	2,060	951	316	257	74	20
MIN	28	58	105	100	84	75	135	103	61	39	13	7.2

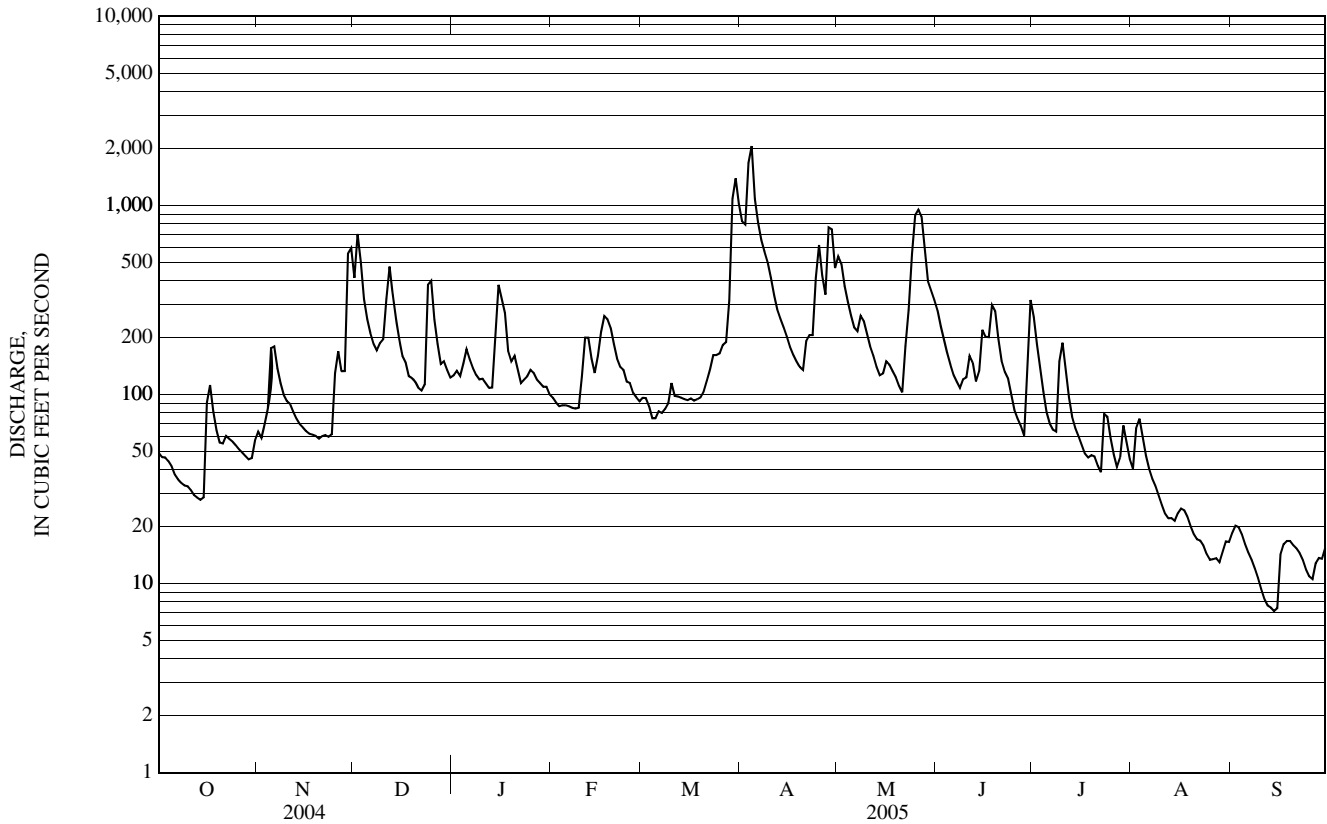
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	83.7	125	156	131	138	262	331	179	123	54.3	27.7	34.4
MEAN	83.7	125	156	131	138	262	331	179	123	54.3	27.7	34.4
MAX	286	329	409	359	295	415	528	323	568	161	81.3	112
(WY)	(1997)	(1996)	(1997)	(1996)	(1996)	(1998)	(2005)	(2005)	(1998)	(1996)	(2004)	(1999)
MIN	13.0	13.3	26.7	28.4	40.8	110	127	66.5	18.8	11.6	4.58	4.85
(WY)	(2002)	(2002)	(2002)	(2002)	(2004)	(2004)	(1999)	(2001)	(1999)	(1995)	(2002)	(1995)

01072800 COCHECO RIVER NEAR ROCHESTER, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	50,112		62,510.4			
ANNUAL MEAN	137		171		141	
HIGHEST ANNUAL MEAN					197	1996
LOWEST ANNUAL MEAN					70.2	2002
HIGHEST DAILY MEAN	1,560	Apr 2	2,060	Apr 4	2,940	Jun 15, 1998
LOWEST DAILY MEAN	11	Jul 25	7.2	Sep 14	a 2.0	Sep 14, 2002
ANNUAL SEVEN-DAY MINIMUM	22	Aug 6	8.3	Sep 9	2.5	Sep 1, 1995
MAXIMUM PEAK FLOW			2,650	Apr 4	3,700	Jun 15, 1998
MAXIMUM PEAK STAGE			13.01	Apr 4	15.51	Jun 15, 1998
10 PERCENT EXCEEDS	306		377		322	
50 PERCENT EXCEEDS	78		112		80	
90 PERCENT EXCEEDS	34		17		13	

a Also occurred September 15, 2002.
 e Estimated.



01072870 ISINGLASS RIVER AT ROCHESTER NECK ROAD, NEAR DOVER, NH

LOCATION.--Lat 43° 14'05", long 70° 57'25", Strafford County, Hydrologic Unit 01060003, 600 ft upstream of bridge on Rochester Neck Road, 0.7 mi upstream from mouth on Cochecho River, 2.5 mi northeast of Calef Highway (NH 125) and Littleworth Road intersection in East Barrington, 4.9 mi south of South Main Street (NH 125), North Main Street (NH 202A), and Wakefield Street (NH 125) intersection in Rochester, and 4.9 mi northwest of Post Office in Dover.

DRAINAGE AREA.--73.6 mi².

PERIOD OF RECORD.--Discharge records: December 2002 to current year. Miscellaneous discharge measurements: Water years 1975, 1978, 1979, 1982.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 115 ft above National Geodetic Vertical Datum of 1929,

REMARKS.--Records good except those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	0330	1,260	11.97	May 26	2000	1,020	10.77
Apr 4	0445	*1,780	*14.02				

Minimum discharge, 3.6 ft³/s, Sept. 12, 13, 14, 15, gage height, 2.71 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	89	387	e135	e88	e102	691	443	257	264	21	16
2	29	78	617	137	e84	e101	698	392	191	179	29	15
3	29	86	471	130	e79	e92	1,270	309	157	125	23	13
4	27	131	345	158	e80	e82	1,590	249	129	96	19	11
5	24	194	278	172	e81	e82	998	210	107	80	16	9.4
6	21	189	232	144	e82	e85	722	181	93	71	14	7.9
7	21	152	203	e135	e83	e85	592	169	87	69	12	7.0
8	20	128	207	e125	e84	e90	520	220	78	66	10	5.9
9	22	109	231	e115	e84	e100	360	210	82	140	9.9	5.4
10	20	93	225	e120	126	e120	266	178	80	168	9.0	4.8
11	17	82	335	e115	224	e110	219	193	163	122	8.0	4.1
12	105	76	414	e105	220	e105	184	173	173	91	7.7	3.8
13	124	70	333	e105	176	e102	167	154	137	64	10	3.9
14	108	64	268	222	136	e101	149	139	153	48	11	3.9
15	129	61	e205	415	e200	e99	132	132	206	45	16	5.6
16	201	57	e165	367	e265	97	117	150	174	42	18	6.9
17	189	54	e150	293	e325	94	106	125	176	37	15	6.1
18	151	52	e130	e180	e300	93	97	107	243	37	13	6.5
19	121	50	e120	e145	250	95	90	107	242	36	10	6.4
20	148	47	e115	e155	199	102	87	98	180	33	9.1	6.6
21	133	47	e100	e135	166	115	127	84	174	29	8.9	6.8
22	114	46	e100	e110	157	125	141	155	169	32	8.5	6.0
23	100	46	e120	e115	149	146	150	229	129	88	7.9	5.7
24	88	45	378	e115	e130	140	318	457	101	72	7.2	5.1
25	78	101	370	e125	e120	140	443	773	80	51	7.3	e4.9
26	110	122	e275	e125	e110	152	323	950	67	40	6.9	e4.9
27	103	101	e200	e115	e105	155	259	913	60	32	6.9	14
28	109	110	e155	e108	e99	259	589	669	53	29	6.1	12
29	103	442	e160	e102	---	924	554	490	112	27	9.1	10
30	91	455	e150	e101	---	1,150	369	418	268	25	10	11
31	99	---	e130	e93	---	855	---	394	---	21	14	---
TOTAL	2,667	3,377	7,569	4,717	4,202	6,098	12,328	9,471	4,321	2,259	373.5	229.6
MEAN	86.0	113	244	152	150	197	411	306	144	72.9	12.0	7.65
MAX	201	455	617	415	325	1,150	1,590	950	268	264	29	16
MIN	17	45	100	93	79	82	87	84	53	21	6.1	3.8
CFSM	1.17	1.53	3.32	2.07	2.04	2.67	5.58	4.15	1.96	0.99	0.16	0.10
IN.	1.35	1.71	3.83	2.38	2.12	3.08	6.23	4.79	2.18	1.14	0.19	0.12

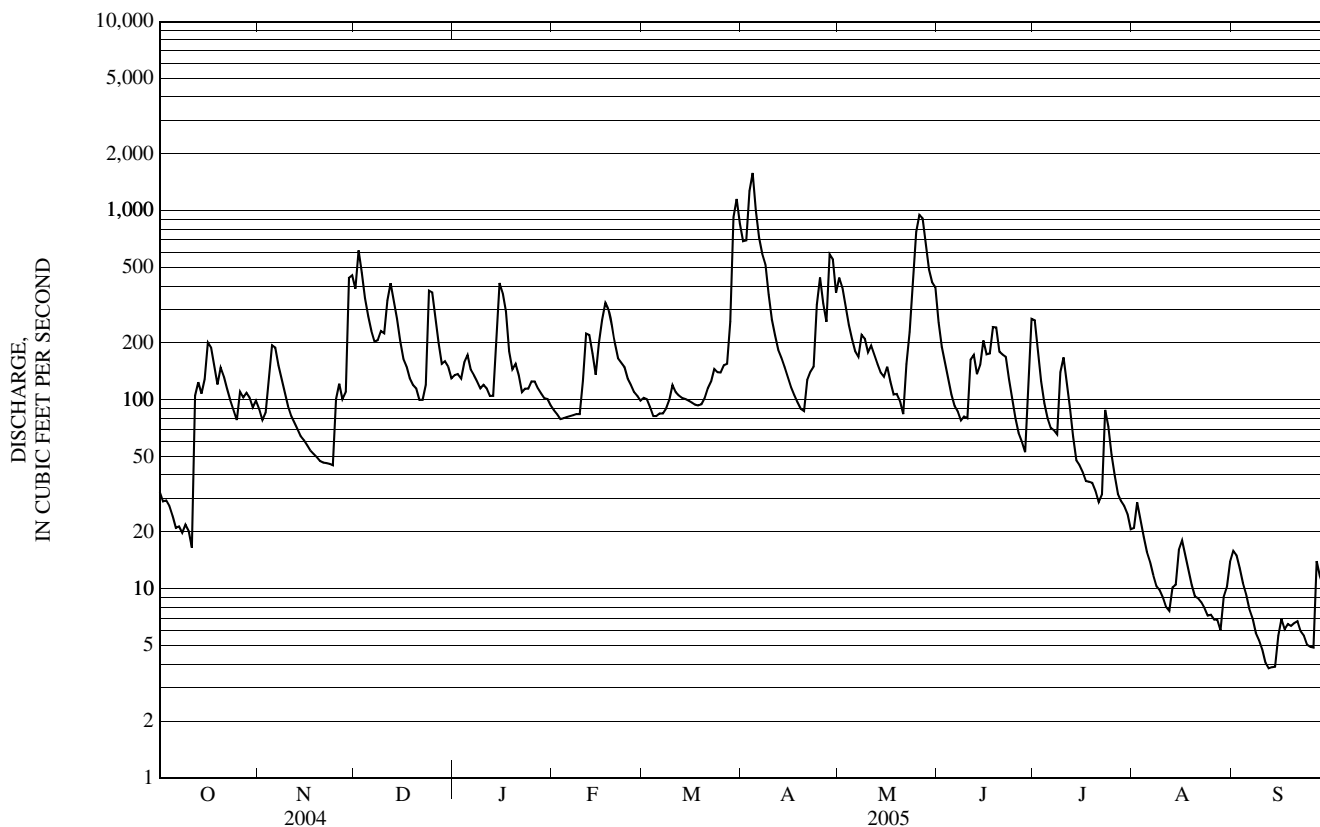
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
MEAN	113	136	252	103	82.1	196	350	238	99.6	36.2	28.4	47.6
MAX	139	160	260	152	150	306	411	306	144	72.9	48.5	108
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2003)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	86.0	113	244	70.3	33.1	85.6	270	136	70.1	8.83	12.0	7.65
(WY)	(2005)	(2005)	(2005)	(2003)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2005)	(2005)

01072870 ISINGLASS RIVER AT ROCHESTER NECK ROAD, NEAR DOVER, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	47,559.2		57,612.1		149	
ANNUAL MEAN	130		158		158	
HIGHEST ANNUAL MEAN					140	
LOWEST ANNUAL MEAN					140	
HIGHEST DAILY MEAN	1,420	Apr 2	1,590	Apr 4	1,590	Apr 4, 2005
LOWEST DAILY MEAN	4.3	Aug 10	3.8	Sep 12	3.7	Jul 31, 2003
ANNUAL SEVEN-DAY MINIMUM	6.5	Aug 6	4.5	Sep 9	4.5	Sep 9, 2005
MAXIMUM PEAK FLOW			1,780	Apr 4	1,780	Apr 4, 2005
MAXIMUM PEAK STAGE			14.02	Apr 4	14.09	Apr 2, 2004
INSTANTANEOUS LOW FLOW			a 3.6	Sep 12	b 3.5	Jul 31, 2003
ANNUAL RUNOFF (CFSM)	1.77		2.14		2.02	
ANNUAL RUNOFF (INCHES)	24.04		29.12		27.47	
10 PERCENT EXCEEDS	304		351		339	
50 PERCENT EXCEEDS	80		109		101	
90 PERCENT EXCEEDS	21		10		16	

a Also occurred on September 13-15.
 b Also occurred on August 1, 2003.
 c Estimated.



PISCATAQUA RIVER BASIN

01073000 OYSTER RIVER NEAR DURHAM, NH

LOCATION.--Lat 43°08'55", long 70°57'56", Strafford County, Hydrologic Unit 01060003, on left bank, 200 ft upstream from Old Concord Road bridge, 2.5 mi west of Durham, and 7 mi upstream from mouth.

DRAINAGE AREA.--12.1 mi².

PERIOD OF RECORD.--Discharge records: October 1934 to current year. October and November 1934 monthly discharge only, published in WSP 1301.

GAGE.--Water-stage recorder, crest-stage gage, and V-notch sharp-crested wier. Concrete control prior to August 18, 2005. Elevation of gage is 70 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to October 1, 1964, at datum 2.90 ft higher, and from October 1, 1964 to August 17, 2005, at datum 1.90 ft higher.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 170 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	1830	299	3.69	May 26	1115	189	2.95
Apr 3	1300	*311	*3.73				

Minimum discharge, 0.35 ft³/s, Sept. 14, 15, gage height, 0.57 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.2	6.5	61	19	13	15	102	89	32	13	3.4	2.4
2	5.9	3.5	76	19	12	16	128	63	25	18	3.5	1.5
3	9.4	6.6	51	19	12	15	262	49	21	12	2.6	1.1
4	6.9	6.4	37	32	13	14	181	33	19	8.9	2.1	1.2
5	5.3	27	26	27	13	13	113	26	17	7.2	1.8	1.2
6	4.3	16	21	e22	13	13	84	22	15	6.7	1.7	0.90
7	3.8	11	19	e19	12	13	66	33	15	6.9	1.5	0.78
8	3.8	9.4	31	e18	13	16	56	44	14	12	1.4	0.68
9	3.4	8.4	38	e17	13	23	41	32	18	44	1.3	0.59
10	3.1	7.0	35	17	e27	20	32	25	17	22	1.2	0.50
11	2.7	6.6	66	16	e40	18	28	21	63	16	1.2	0.48
12	2.7	6.4	51	15	e31	18	25	19	35	13	1.1	0.46
13	2.6	6.2	38	15	e25	20	24	17	90	10	1.8	0.47
14	2.4	6.2	28	55	e20	19	22	16	56	8.7	2.3	0.41
15	3.3	6.0	e23	68	e35	19	21	15	49	11	3.1	1.5
16	31	6.0	e19	e40	e52	19	19	16	31	9.2	2.6	3.1
17	17	6.0	15	e29	e57	20	18	15	32	8.3	1.8	2.1
18	11	5.9	e16	e20	e46	20	17	14	31	10	1.4	2.0
19	8.6	5.9	12	e19	e31	21	16	15	24	8.7	1.2	1.4
20	7.6	5.7	e14	e18	25	24	15	14	19	7.2	1.1	1.1
21	6.9	5.8	e13	e17	21	27	23	13	17	5.9	1.3	1.2
22	6.3	5.9	e13	e16	21	30	20	40	17	5.4	1.2	1.0
23	5.4	5.6	18	e17	19	33	25	36	16	8.0	1.0	0.85
24	5.1	6.5	92	e17	17	28	64	113	14	5.0	0.96	0.77
25	4.8	21	e42	17	17	31	55	146	12	4.0	1.0	0.74
26	4.8	15	e30	16	16	34	32	170	10	3.7	0.92	0.80
27	4.4	11	e22	16	15	33	44	140	8.8	3.2	0.86	4.2
28	4.1	24	e20	15	e15	e65	107	86	7.7	3.2	0.79	2.1
29	3.8	82	e21	15	---	e260	72	59	12	2.8	1.6	1.5
30	3.8	43	19	15	---	202	56	46	17	2.5	1.4	2.2
31	9.4	---	17	14	---	131	---	42	---	2.2	1.5	---
TOTAL	199.8	382.5	984	679	644	1,230	1,768	1,469	754.5	298.7	50.63	39.23
MEAN	6.45	12.8	31.7	21.9	23.0	39.7	58.9	47.4	25.1	9.64	1.63	1.31
MAX	31	82	92	68	57	260	262	170	90	44	3.5	4.2
MIN	2.4	3.5	12	14	12	13	15	13	7.7	2.2	0.79	0.41
CFSM	0.53	1.05	2.62	1.81	1.90	3.28	4.87	3.92	2.08	0.80	0.13	0.11
IN.	0.61	1.18	3.03	2.09	1.98	3.78	5.44	4.52	2.32	0.92	0.16	0.12

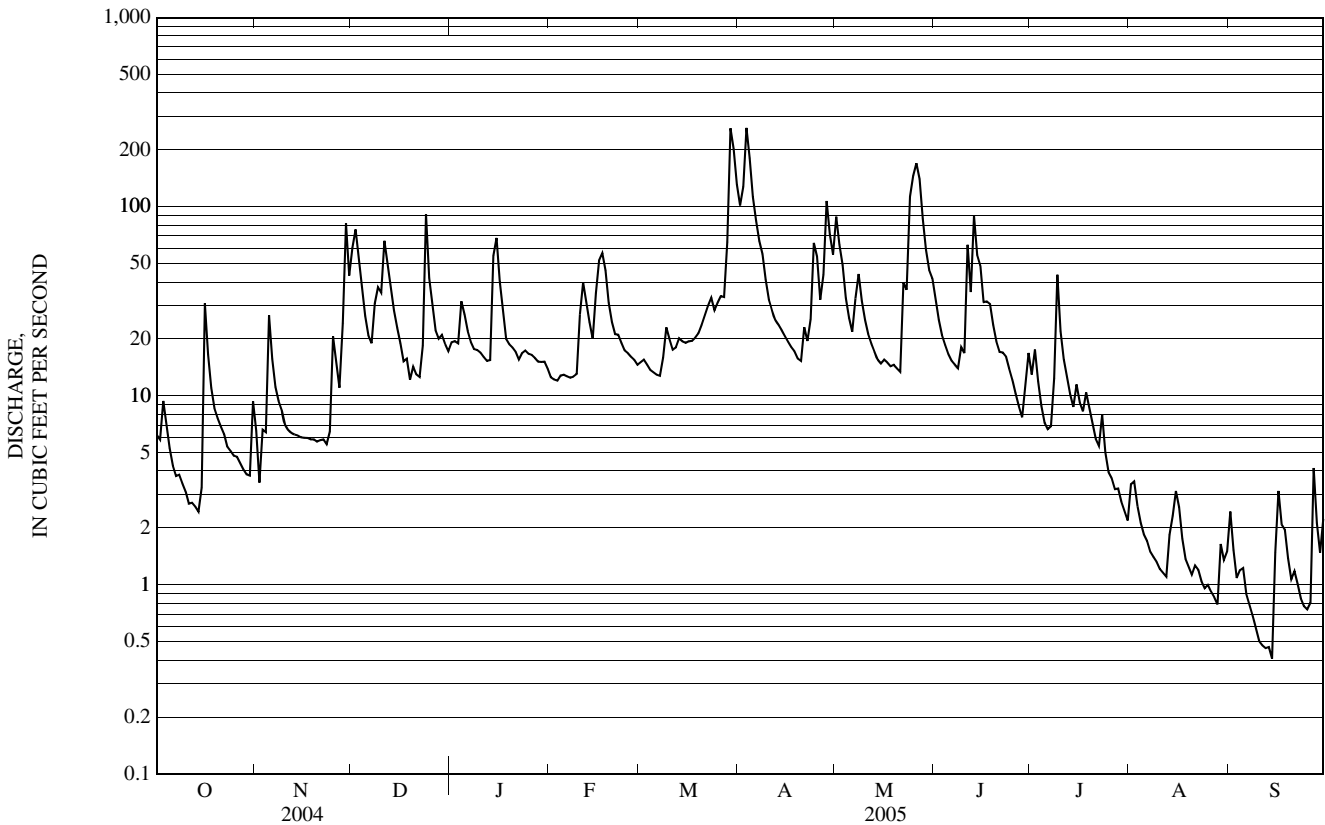
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2005, BY WATER YEAR (WY)

MEAN	7.48	17.7	22.0	18.8	21.3	47.4	48.9	25.0	12.6	4.96	3.42	4.29
MAX	65.2	62.7	55.6	58.1	84.5	122	104	97.5	71.1	33.7	22.7	52.6
(WY)	(1997)	(1952)	(1997)	(1958)	(1981)	(1936)	(1956)	(1954)	(1998)	(1938)	(1991)	(1954)
MIN	0.55	0.93	2.73	2.25	3.47	13.5	13.7	6.51	2.07	0.65	0.52	0.40
(WY)	(2002)	(2002)	(1966)	(1981)	(1980)	(1967)	(1999)	(2001)	(1936)	(1949)	(1999)	(2002)

01073000 OYSTER RIVER NEAR DURHAM, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1935 - 2005	
ANNUAL TOTAL	6,751.24		8,499.36			
ANNUAL MEAN	18.4		23.3		19.4	
HIGHEST ANNUAL MEAN					32.3	1952
LOWEST ANNUAL MEAN					8.89	2002
HIGHEST DAILY MEAN	432	Apr 2	262	Apr 3	856	Oct 21, 1996
LOWEST DAILY MEAN	0.66	Aug 11	0.41	Sep 14	0.01	Sep 6, 1999
ANNUAL SEVEN-DAY MINIMUM	0.83	Aug 5	0.51	Sep 8	0.04	Sep 2, 1999
MAXIMUM PEAK FLOW			311	Apr 3	1,160	Oct 21, 1996
MAXIMUM PEAK STAGE			3.73	Apr 3	8.45	Mar 19, 1936
INSTANTANEOUS LOW FLOW			a 0.35	Sep 14	b 0.01	Sep 6, 1999
ANNUAL RUNOFF (CFSM)	1.52		1.92		1.61	
ANNUAL RUNOFF (INCHES)	20.76		26.13		21.83	
10 PERCENT EXCEEDS	40		53		47	
50 PERCENT EXCEEDS	8.9		15		9.9	
90 PERCENT EXCEEDS	3.0		1.4		1.2	

a Also occurred on September 15.
 b Also occurred on September 7, 1999.
 c Estimated.



PISCATAQUA RIVER BASIN

01073460 NORTH RIVER ABOVE NH 125, NEAR LEE, NH

LOCATION.--Lat 43° 05'01", long 71° 02'32", Strafford County, Hydrologic Unit 01060003, 0.4 mi upstream from bridge on Calef Highway (NH 125), 0.4 mi northwest of Calef Highway (NH 125) and NH 155 junction, 1.6 mi upstream from mouth on Lamprey River, 3.0 mi southwest of Mast Road (NH 155) and Lee Hill Road intersection in Lee, 3.9 mi northeast of Main Street and Railroad Street intersection in Epping, and 5.3 mi west of Main Street (NH 152) and Exeter Street (NH 108) intersection in Newmarket.

DRAINAGE AREA.--35.6 mi².

PERIOD OF RECORD.--Discharge records: June 2004 to current year. Miscellaneous discharge measurements: Water years 1976-78

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 95 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those below 3.0 ft³/s, which are fair, and those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sept. 19	1700	*176	*2.48	No peak greater than base discharge			

Minimum discharge, 1.5 ft³/s, Aug. 11, gage height, 1.29 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

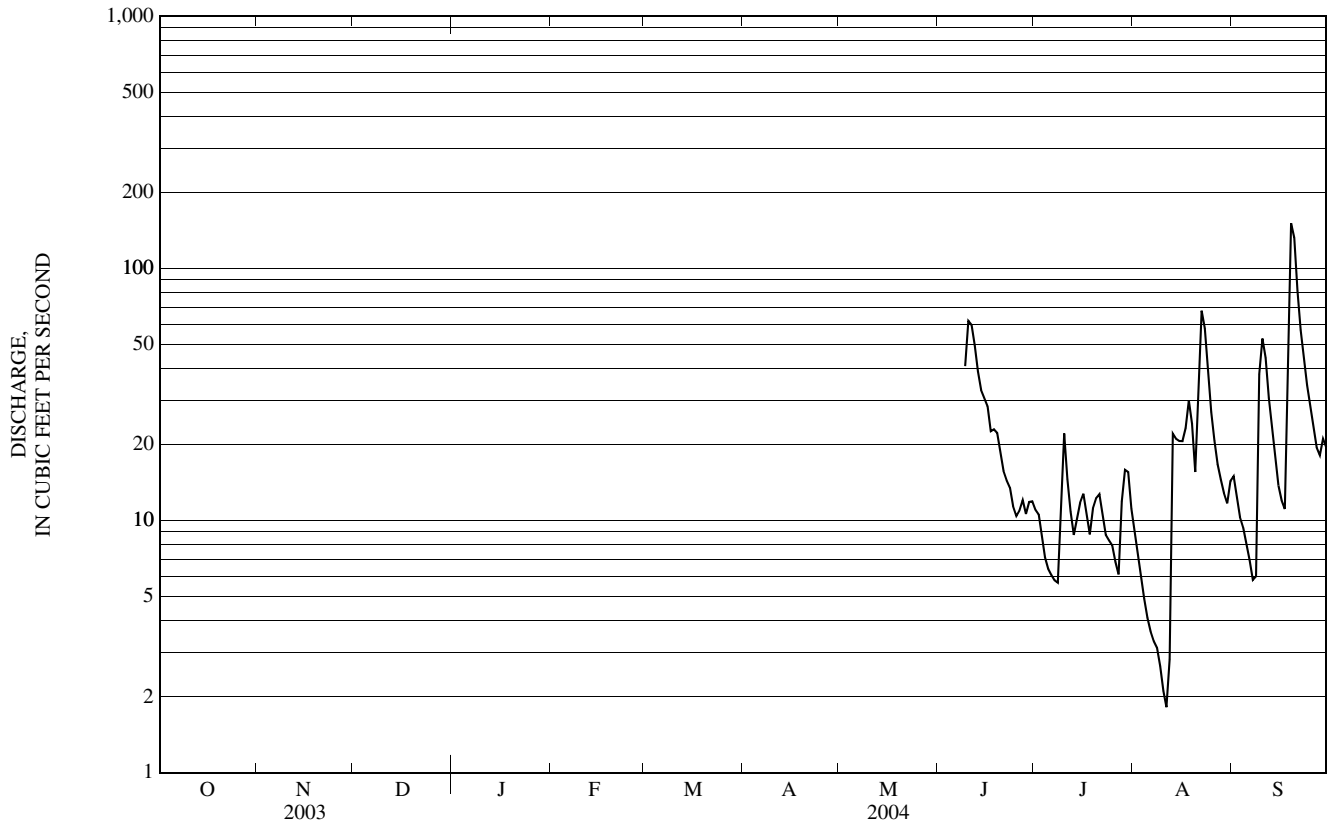
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	11	9.0	15
2	---	---	---	---	---	---	---	---	---	11	7.5	12
3	---	---	---	---	---	---	---	---	---	8.7	6.1	10
4	---	---	---	---	---	---	---	---	---	7.2	4.9	9.4
5	---	---	---	---	---	---	---	---	---	6.4	4.1	8.1
6	---	---	---	---	---	---	---	---	---	6.1	3.6	7.0
7	---	---	---	---	---	---	---	---	---	5.8	3.3	5.8
8	---	---	---	---	---	---	---	---	---	5.7	3.1	6.0
9	---	---	---	---	---	---	---	---	e41	12	2.6	38
10	---	---	---	---	---	---	---	---	e62	22	2.1	53
11	---	---	---	---	---	---	---	---	60	15	1.8	44
12	---	---	---	---	---	---	---	---	49	11	2.8	31
13	---	---	---	---	---	---	---	---	39	8.8	22	24
14	---	---	---	---	---	---	---	---	33	10	21	18
15	---	---	---	---	---	---	---	---	31	12	21	14
16	---	---	---	---	---	---	---	---	28	13	21	12
17	---	---	---	---	---	---	---	---	23	11	23	11
18	---	---	---	---	---	---	---	---	23	8.8	30	62
19	---	---	---	---	---	---	---	---	22	11	24	151
20	---	---	---	---	---	---	---	---	19	12	16	132
21	---	---	---	---	---	---	---	---	16	13	37	82
22	---	---	---	---	---	---	---	---	14	10	68	57
23	---	---	---	---	---	---	---	---	13	8.8	58	44
24	---	---	---	---	---	---	---	---	11	8.3	38	34
25	---	---	---	---	---	---	---	---	10	8.0	27	28
26	---	---	---	---	---	---	---	---	11	6.9	21	23
27	---	---	---	---	---	---	---	---	12	6.1	17	20
28	---	---	---	---	---	---	---	---	11	12	15	18
29	---	---	---	---	---	---	---	---	12	16	13	21
30	---	---	---	---	---	---	---	---	12	16	12	20
31	---	---	---	---	---	---	---	---	---	11	14	---
TOTAL	---	---	---	---	---	---	---	---	---	324.6	548.9	1,010.3
MEAN	---	---	---	---	---	---	---	---	---	10.5	17.7	33.7
MAX	---	---	---	---	---	---	---	---	---	22	68	151
MIN	---	---	---	---	---	---	---	---	---	5.7	1.8	5.8
CFSM	---	---	---	---	---	---	---	---	---	0.29	0.50	0.95
IN.	---	---	---	---	---	---	---	---	---	0.34	0.57	1.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2004, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	10.5	17.7	33.7
MAX	---	---	---	---	---	---	---	---	---	10.5	17.7	33.7
(WY)	---	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)
MIN	---	---	---	---	---	---	---	---	---	10.5	17.7	33.7
(WY)	---	---	---	---	---	---	---	---	---	(2004)	(2004)	(2004)

e Estimated

01073460 NORTH RIVER ABOVE NH 125, NEAR LEE, NH—Continued



01073460 NORTH RIVER ABOVE NH 125, NEAR LEE, NH

LOCATION.--Lat 43°05'01", long 71°02'32", Strafford County, Hydrologic Unit 01060003, 0.4 mi upstream from bridge on Calef Highway (NH 125), 0.4 mi northwest of Calef Highway (NH 125) and NH 155 junction, 1.6 mi upstream from mouth on Lamprey River, 3.0 mi southwest of Mast Road (NH 155) and Lee Hill Road intersection in Lee, 3.9 mi northeast of Main Street and Railroad Street intersection in Epping, and 5.3 mi west of Main Street (NH 152) and Exeter Street (NH 108) intersection in Newmarket.

DRAINAGE AREA.--35.6 mi².

PERIOD OF RECORD.--Discharge records: June 2004 to current year. Miscellaneous discharge measurements: Water years 1976-78

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 95 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those below 3.0 ft³/s, which are fair, and those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	2000	494	3.49	Apr 4	0115	*861	4.50
Mar 30	0145	845	4.46	May 26	2045	627	3.87
Mar 30	1415	ice jam	*4.57				

Minimum discharge, 0.75 ft³/s, Sept. 12, gage height, 1.25 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	39	160	63	e41	e47	405	211	137	135	7.5	8.7
2	20	39	245	63	e39	e47	406	210	118	111	8.2	7.1
3	22	72	213	60	e36	e44	689	188	105	97	7.2	5.6
4	20	66	150	88	e36	e42	731	161	90	70	6.1	4.3
5	18	88	116	91	e37	e40	476	130	77	53	5.2	3.6
6	16	83	96	72	e39	e39	348	107	64	43	4.5	2.8
7	13	71	84	68	e39	e37	274	118	59	40	3.9	2.2
8	12	59	96	64	e37	e40	239	155	57	40	3.5	1.7
9	11	48	112	e61	e36	e54	168	146	95	97	3.2	1.5
10	11	42	115	59	e57	e64	127	121	88	118	3.0	1.1
11	9.2	38	180	54	e84	e62	106	102	195	82	2.7	0.95
12	8.4	36	201	51	e95	e58	89	88	199	57	2.5	0.90
13	23	34	162	51	e89	e60	78	73	245	44	5.2	1.0
14	31	32	127	121	e70	e58	70	64	211	44	5.1	0.96
15	31	30	e99	222	e92	e54	62	58	165	67	9.1	2.1
16	61	29	e86	206	e125	e51	56	60	149	66	9.4	3.9
17	60	28	e79	e140	e171	e50	51	59	143	52	8.1	4.2
18	50	28	e69	e91	e171	e53	48	54	148	45	6.0	3.7
19	44	48	e61	e77	e146	e54	42	53	133	40	4.8	3.5
20	68	45	e55	e68	e107	e60	39	49	104	34	4.3	3.4
21	65	39	e48	e60	e84	75	60	45	82	28	4.3	3.2
22	55	32	e51	e52	e75	88	67	87	75	24	4.0	2.9
23	48	26	e55	e51	e70	99	75	127	71	21	3.5	2.6
24	e44	24	e170	e54	e63	91	151	237	58	17	3.1	2.2
25	e42	42	182	e56	e58	91	184	436	45	14	2.8	1.5
26	e55	51	119	e56	e55	100	136	580	37	12	2.5	1.1
27	50	39	e89	e54	e51	103	128	539	30	11	2.2	3.2
28	43	44	e74	e50	e47	e160	250	358	27	10	2.1	4.4
29	39	142	e74	e48	---	e550	253	238	88	9.3	e3.2	6.0
30	37	172	65	e47	---	e730	177	191	174	7.9	6.7	7.0
31	42	---	59	e44	---	499	---	163	---	7.0	8.5	---
TOTAL	1,069.6	1,566	3,492	2,342	2,050	3,600	5,985	5,208	3,269	1,496.2	152.4	97.31
MEAN	34.5	52.2	113	75.5	73.2	116	200	168	109	48.3	4.92	3.24
MAX	68	172	245	222	171	730	731	580	245	135	9.4	8.7
MIN	8.4	24	48	44	36	37	39	45	27	7.0	2.1	0.90
CFSM	0.97	1.47	3.16	2.12	2.06	3.26	5.60	4.72	3.06	1.36	0.14	0.09
IN.	1.12	1.64	3.65	2.45	2.14	3.76	6.25	5.44	3.42	1.56	0.16	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

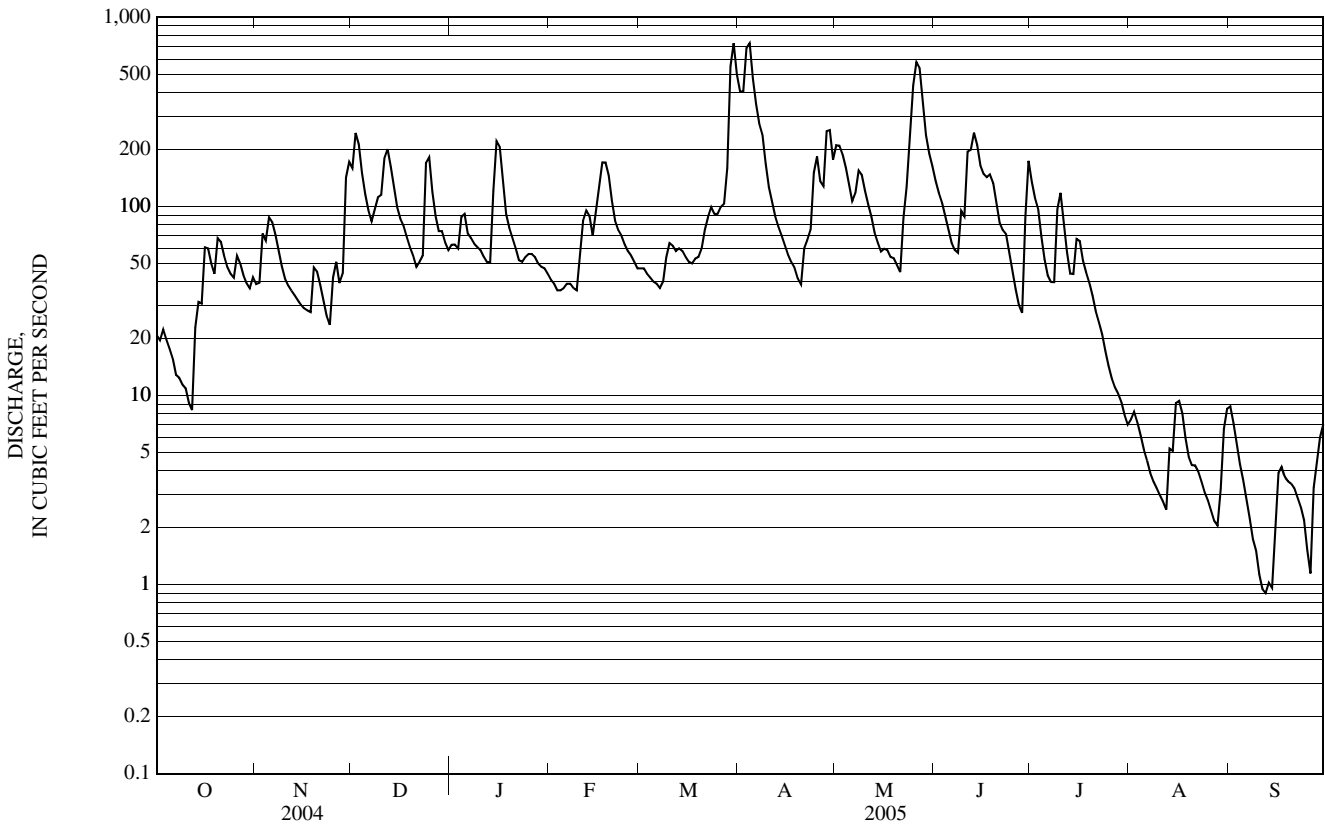
MEAN	34.5	52.2	113	75.5	73.2	116	200	168	109	29.4	11.3	18.5
MAX	34.5	52.2	113	75.5	73.2	116	200	168	109	48.3	17.7	33.7
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)
MIN	34.5	52.2	113	75.5	73.2	116	200	168	109	10.5	4.92	3.24
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)

01073460 NORTH RIVER ABOVE NH 125, NEAR LEE, NH—Continued

SUMMARY STATISTICS

	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	30,327.51			
ANNUAL MEAN	83.1		83.1	
HIGHEST ANNUAL MEAN			83.1	2005
LOWEST ANNUAL MEAN			83.1	2005
HIGHEST DAILY MEAN	731	Apr 4	731	Apr 4, 2005
LOWEST DAILY MEAN	0.90	Sep 12	0.90	Sep 12, 2005
ANNUAL SEVEN-DAY MINIMUM	1.2	Sep 8	1.2	Sep 8, 2005
MAXIMUM PEAK FLOW	861	Apr 4	861	Apr 4, 2005
MAXIMUM PEAK STAGE	a 4.57	Mar 30	a 4.57	Mar 30, 2005
INSTANTANEOUS LOW FLOW	0.75	Sep 12	0.75	Sep 12, 2005
ANNUAL RUNOFF (CFSM)	2.33		2.33	
ANNUAL RUNOFF (INCHES)	31.69		31.71	
10 PERCENT EXCEEDS	175		175	
50 PERCENT EXCEEDS	55		55	
90 PERCENT EXCEEDS	4.1		4.1	

a Ice jam.
e Estimated.



PISCATAQUA RIVER BASIN

01073500 LAMPREY RIVER NEAR NEWMARKET, NH

LOCATION.--Lat 43°06'09", long 70°57'11", Rockingham County, Hydrologic Unit 01060003, on right bank, 200 ft upstream from Packers Falls and Packer Falls Road, 1.8 mi northwest of Newmarket Town Hall, 2.6 mi southwest of Durham, and 4.6 mi upstream from mouth.

DRAINAGE AREA.--183 mi².

PERIOD OF RECORD.--Discharge records: July 1934 to current year. Water-quality records: Water year 1954.

REVISED RECORDS.--WSP 1231: 1936-37. WDR NH-VT-97-1: 1997 (datum correction).

GAGE.--Water-stage recorder. Datum of gage is 38.28 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Some regulation by Pawtuckaway and Mendums Ponds. These reservoirs have a usable capacity of about 600 million ft³. Occasional diversion upstream from station for municipal supply of Durham.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,650 ft³/s, Apr. 4, gage height, 8.24 ft; minimum daily discharge, 8.4 ft³/s, Sept. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	96	118	674	326	e225	267	1,920	840	769	576	40	43
2	93	111	801	321	220	265	1,730	779	633	544	40	37
3	95	191	816	311	e210	251	2,210	747	531	412	39	29
4	90	208	730	392	211	236	2,570	636	448	333	36	24
5	80	274	577	431	213	e229	2,450	522	387	261	34	21
6	73	273	475	391	218	e227	1,790	448	323	209	31	21
7	83	264	423	362	219	223	1,320	447	290	183	28	18
8	85	237	444	323	219	230	1,090	547	273	176	25	16
9	79	220	494	311	220	248	825	537	360	348	23	14
10	73	208	510	334	288	e290	636	459	342	414	22	12
11	65	191	686	303	419	e303	547	421	555	405	20	11
12	58	178	729	283	455	288	469	370	494	313	20	9.8
13	78	170	760	282	449	276	403	322	672	235	24	9.1
14	101	163	663	455	374	273	361	284	659	189	24	8.4
15	91	156	e530	764	420	264	337	253	636	216	44	9.9
16	202	156	e410	797	556	248	305	248	529	210	59	21
17	211	148	414	716	705	243	281	254	486	203	48	27
18	217	141	e340	470	734	254	262	237	487	185	40	24
19	176	180	340	362	680	263	240	229	482	165	32	20
20	175	209	314	376	551	285	224	214	451	146	28	17
21	179	196	248	339	441	326	277	199	371	121	26	14
22	155	180	267	e285	394	363	294	309	320	102	23	13
23	138	167	335	285	371	405	324	422	299	89	21	12
24	124	160	642	e280	340	408	531	776	259	76	21	12
25	115	211	641	e305	e321	407	631	1,290	215	66	22	12
26	130	231	575	309	301	421	636	1,950	181	59	19	12
27	146	227	461	e290	e285	432	588	2,340	169	52	17	15
28	129	238	358	274	e271	591	803	1,960	154	59	16	14
29	114	516	370	e258	---	1,590	852	1,330	196	52	17	16
30	106	586	360	255	---	2,240	794	994	477	47	20	21
31	121	---	324	245	---	2,430	---	883	---	42	37	---
TOTAL	3,678	6,508	15,711	11,435	10,310	14,776	25,700	21,247	12,448	6,488	896	533.2
MEAN	119	217	507	369	368	477	857	685	415	209	28.9	17.8
MAX	217	586	816	797	734	2,430	2,570	2,340	769	576	59	43
MIN	58	111	248	245	210	223	224	199	154	42	16	8.4
CFSM	0.65	1.19	2.77	2.02	2.01	2.60	4.68	3.75	2.27	1.14	0.16	0.10
IN.	0.75	1.32	3.19	2.32	2.10	3.00	5.22	4.32	2.53	1.32	0.18	0.11

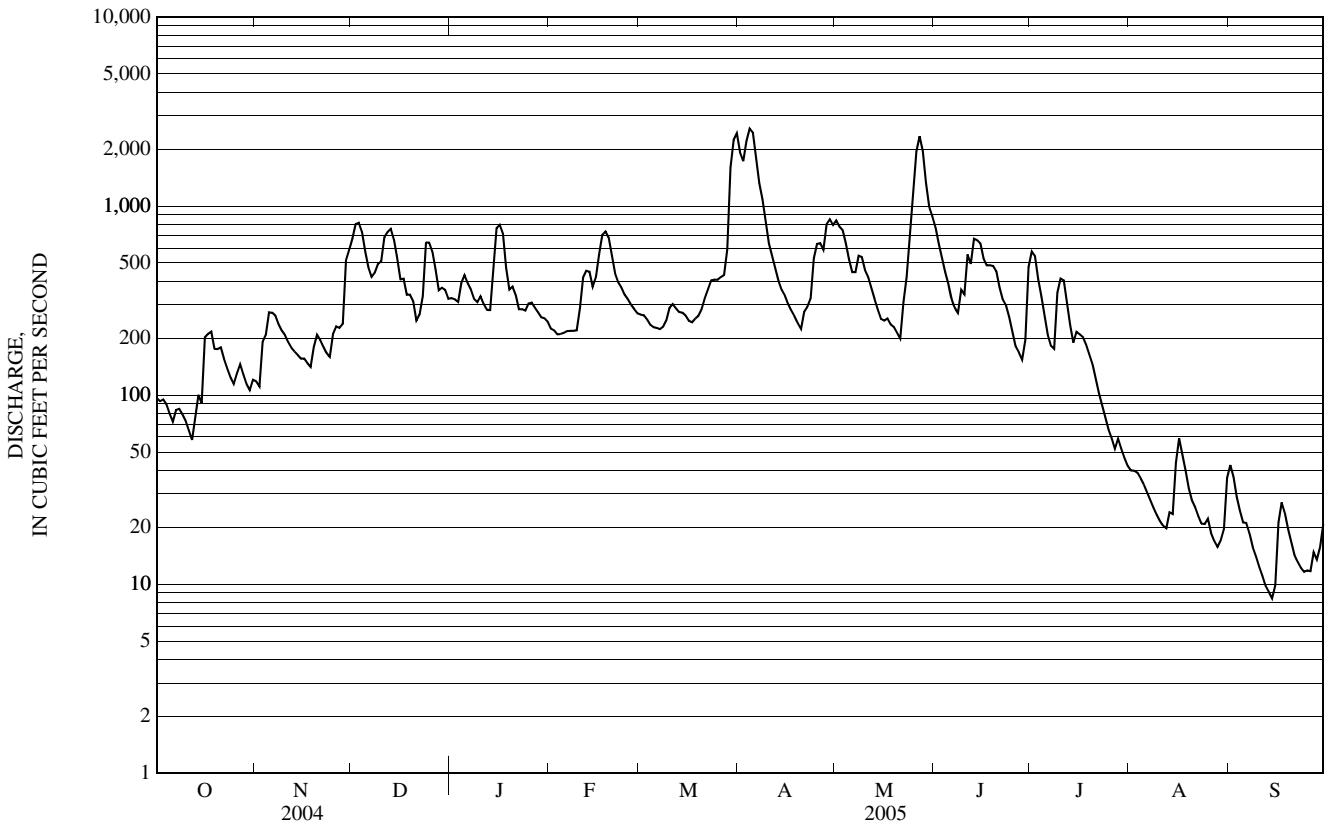
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1934 - 2005, BY WATER YEAR (WY)

	128	259	332	282	301	603	696	355	195	93.2	70.0	70.1
MEAN	879	742	851	796	811	1,866	1,756	1,400	1,117	599	621	650
(WY)	(1997)	(1952)	(1997)	(1956)	(1970)	(1936)	(1987)	(1954)	(1998)	(1938)	(1938)	(1954)
MIN	11.1	15.9	45.9	46.4	49.7	210	170	90.2	27.0	12.2	4.79	3.44
(WY)	(1948)	(1942)	(1942)	(1944)	(1980)	(1989)	(1985)	(2001)	(1999)	(1993)	(1999)	(1957)

01073500 LAMPREY RIVER NEAR NEWMARKET, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1934 - 2005	
ANNUAL TOTAL	107,119		129,730.2		282	
ANNUAL MEAN	293		355		137	
HIGHEST ANNUAL MEAN					441 1984	
LOWEST ANNUAL MEAN					137 1965	
HIGHEST DAILY MEAN	4,550	Apr 3	2,570	Apr 4	7,360	Apr 7, 1987
LOWEST DAILY MEAN	18	Aug 11	8.4	Sep 14	a 0.66	Jul 27, 1994
ANNUAL SEVEN-DAY MINIMUM	23	Aug 6	11	Sep 9	2.0	Sep 10, 1995
MAXIMUM PEAK FLOW			2,650	Apr 4	7,570	Apr 7, 1987
MAXIMUM PEAK STAGE			8.24	Apr 4	15.14	Apr 7, 1987
ANNUAL RUNOFF (CFSM)	1.60		1.94		1.54	
ANNUAL RUNOFF (INCHES)	21.78		26.37		20.91	
10 PERCENT EXCEEDS	634		709		650	
50 PERCENT EXCEEDS	172		265		170	
90 PERCENT EXCEEDS	57		23		23	

a During refilling after repairs at Wiswall Dam.
 e Estimated.



PISCATAQUA RIVER BASIN

01073587 EXETER RIVER AT HAIGH ROAD NEAR BRENTWOOD, NH

LOCATION.--Lat 42° 59'04", long 71° 02'20", Rockingham County, Hydrologic Unit 01060003, on right bank, 10 ft downstream of Haigh Road bridge, 0.8 mi upstream from mouth of the Little River, 1.3 mi southwest of Marshall Corner, 1.8 mi east of Brentwood, and 3.4 mi north of Kingston.

DRAINAGE AREA.--63.5 mi².

PERIOD OF RECORD.--Discharge records: June 27, 1996 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 60.16 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Occasional regulation by power plant upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	0515	940	7.87	May 27	0630	*980	*7.97
Apr 4	0900	928	7.84				

Minimum daily discharge, 3.3 ft³/s, Sept. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	59	47	208	119	e95	100	684	259	406	145	18	18
2	52	44	284	123	e90	98	613	261	327	112	18	15
3	51	44	270	119	e90	95	768	237	302	85	13	12
4	48	43	228	156	e90	91	892	221	259	70	15	9.5
5	43	67	205	182	e90	87	738	200	225	59	13	8.2
6	39	80	174	163	e90	85	569	158	192	52	11	6.9
7	36	75	153	e155	e90	82	436	151	153	51	9.8	6.0
8	34	69	173	e140	e90	89	361	205	137	51	9.1	5.6
9	32	60	198	e140	e95	e110	330	197	143	114	8.2	5.1
10	31	54	198	135	e145	e120	270	181	125	153	7.3	4.4
11	29	53	247	e120	e230	116	230	165	110	132	6.6	4.1
12	27	62	280	115	e230	114	216	150	99	105	6.2	3.6
13	25	62	250	112	e205	114	194	130	120	86	6.6	3.5
14	24	55	226	181	e180	109	176	115	139	72	8.8	3.3
15	26	51	188	359	e210	107	159	105	124	66	35	4.6
16	52	49	e165	e385	e270	111	146	90	114	56	48	9.3
17	70	48	148	e310	e340	116	133	95	115	48	38	15
18	64	46	e120	e215	e335	120	121	91	126	45	26	15
19	54	45	e110	e160	e295	127	107	94	120	43	19	12
20	49	45	e105	e150	e235	136	97	91	108	42	16	9.5
21	45	45	e90	e135	e195	154	114	85	93	38	14	9.0
22	43	44	e95	e120	168	e170	118	127	86	33	13	7.5
23	43	41	105	e115	149	188	132	166	79	30	11	6.1
24	42	41	204	e120	134	189	185	274	68	28	9.6	5.4
25	40	56	e230	e125	126	179	241	510	62	25	8.6	4.7
26	39	68	e200	e125	117	e175	233	805	74	23	7.8	4.5
27	37	64	e165	e120	109	e170	219	942	132	23	6.8	6.0
28	38	68	e135	e115	102	e210	251	765	125	26	6.1	5.4
29	38	157	e130	e110	---	671	263	594	111	23	9.0	5.8
30	37	204	e125	e105	---	895	240	566	127	20	12	7.6
31	43	---	e117	e100	---	820	---	483	---	18	16	---
TOTAL	1,290	1,887	5,526	4,829	4,595	5,948	9,236	8,513	4,401	1,874	446.5	232.6
MEAN	41.6	62.9	178	156	164	192	308	275	147	60.5	14.4	7.75
MAX	70	204	284	385	340	895	892	942	406	153	48	18
MIN	24	41	90	100	90	82	97	85	62	18	6.1	3.3

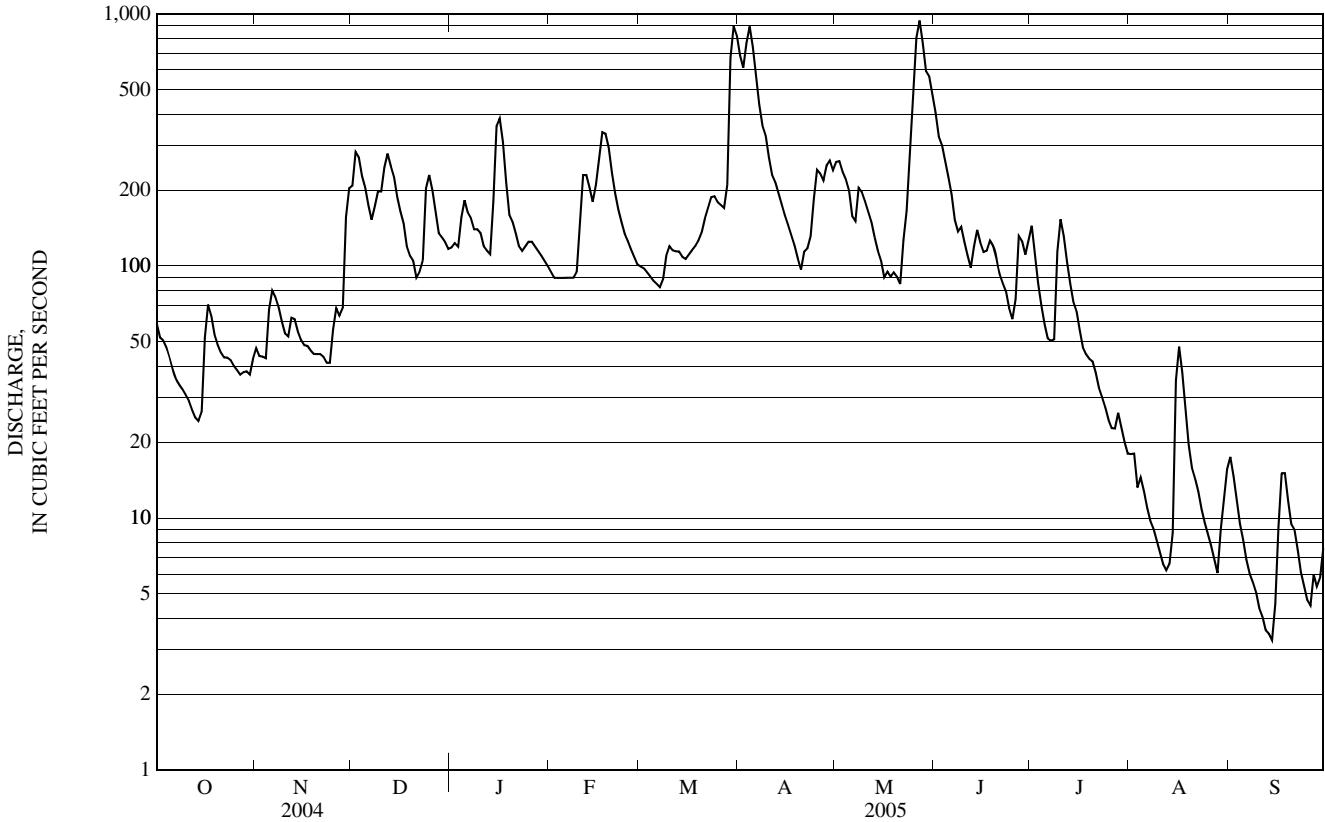
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	59.7	59.3	114	93.1	118	223	244	136	106	29.1	13.8	16.2
MAX	335	132	304	156	252	376	413	275	361	80.4	46.3	55.4
(WY)	(1997)	(1997)	(1997)	(2005)	(1998)	(2001)	(2004)	(2005)	(1998)	(1998)	(2004)	(1999)
MIN	1.94	4.26	12.5	16.9	37.2	91.6	80.2	42.5	12.8	5.60	1.47	1.58
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(1999)	(2001)	(1999)	(1999)	(1997)	(1997)

01073587 EXETER RIVER AT HAIGH ROAD NEAR BRENTWOOD, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	38,859.2		48,778.1		101	
ANNUAL MEAN	106		134		142	
HIGHEST ANNUAL MEAN					1997	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	1,660	Apr 2	942	May 27	2,630	Oct 22, 1996
LOWEST DAILY MEAN	5.3	Jun 25	3.3	Sep 14	0.73	Sep 10, 1997
ANNUAL SEVEN-DAY MINIMUM	8.1	Aug 6	4.1	Sep 9	0.77	Sep 4, 1997
MAXIMUM PEAK FLOW			980		3,060	
MAXIMUM PEAK STAGE			7.97		11.44	
10 PERCENT EXCEEDS	210		260		229	
50 PERCENT EXCEEDS	62		105		58	
90 PERCENT EXCEEDS	25		9.6		3.5	

e Estimated



01073785 WINNICUT RIVER AT GREENLAND, NEAR PORTSMOUTH, NH

LOCATION.--Lat 43°02'12", long 70°50'55", Rockingham County, Hydrologic Unit 01060003, on left bank, 20 ft upstream of State Fish and Game Department dam, 150 ft downstream from Portsmouth Avenue (NH 33), 0.8 mi west of Portsmouth Ave. and Post Road (NH 151) intersection in Greenland, and 5.1 mi southwest of State Street and Middle Street (US 1) intersection in Portsmouth.

DRAINAGE AREA.--14.1 mi².

PERIOD OF RECORD.--Discharge records: July 2002 to current year. Miscellaneous discharge measurements: Water years 1999-2000.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 15 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those from April 23 to July 4, which are fair, and those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 190 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 14	1930	216	4.65	Apr 3	1230	365	5.01
Mar 29	0400	361	5.00	May 26	1130	*408	*5.13

Minimum discharge, 0.44 ft³/s, Sept. 12, 13, gage height, 2.96 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	8.5	62	28	13	20	158	86	71	7.9	2.9	1.1
2	12	6.9	82	25	12	19	195	60	59	7.2	2.9	1.0
3	16	9.7	47	23	12	17	292	53	48	6.3	2.8	0.91
4	15	10	40	48	13	e17	179	42	38	6.1	2.3	0.79
5	11	32	34	39	13	e17	132	37	31	e5.8	2.1	0.72
6	7.7	26	28	29	14	17	107	32	25	e5.3	2.0	0.68
7	7.4	27	29	30	15	17	89	44	23	e4.8	1.8	0.63
8	7.6	26	90	26	15	22	79	55	21	e5.2	1.6	0.58
9	6.6	22	62	25	17	e24	62	45	31	26	1.5	0.56
10	5.6	20	50	24	39	e24	50	39	21	15	1.3	0.52
11	5.1	20	111	22	61	e24	41	34	17	12	1.1	0.49
12	4.8	20	65	21	51	24	36	31	12	9.6	1.0	0.47
13	4.6	20	51	21	43	24	32	26	13	9.1	1.1	0.46
14	4.1	19	44	110	e37	25	28	23	11	8.3	1.2	0.48
15	4.2	19	35	108	65	26	23	22	15	7.3	13	0.66
16	60	18	28	53	89	29	20	23	14	6.1	11	1.7
17	31	16	32	46	111	30	19	25	20	5.3	8.1	2.3
18	25	14	26	e27	75	32	16	23	22	4.8	6.2	2.3
19	23	13	22	e24	57	31	13	20	17	4.7	4.5	2.1
20	21	11	18	e26	47	36	12	16	11	4.9	3.5	1.9
21	19	10	e14	e23	39	42	26	13	8.7	4.7	2.9	1.8
22	17	9.8	12	e20	37	46	18	54	8.2	4.3	2.3	1.9
23	18	9.0	18	e19	32	51	28	46	7.6	4.4	1.8	2.5
24	14	8.7	94	18	28	48	61	158	7.2	3.7	1.5	1.9
25	12	24	41	17	26	52	47	216	6.9	3.3	1.4	1.4
26	12	20	30	16	24	54	34	303	6.6	3.0	1.3	1.2
27	10	14	27	e16	24	54	51	213	7.1	2.9	1.1	1.5
28	8.5	20	28	e16	21	109	133	140	6.8	6.6	0.95	1.4
29	6.9	83	26	e15	---	323	74	108	7.7	5.5	0.89	1.4
30	6.7	38	21	14	---	221	58	94	12	4.3	0.87	2.1
31	8.8	---	19	14	---	184	---	86	---	3.3	0.92	---
TOTAL	418.6	594.6	1,286	943	1,030	1,659	2,113	2,167	598.8	207.7	87.83	37.45
MEAN	13.5	19.8	41.5	30.4	36.8	53.5	70.4	69.9	20.0	6.70	2.83	1.25
MAX	60	83	111	110	111	323	292	303	71	26	13	2.5
MIN	4.1	6.9	12	14	12	17	12	13	6.6	2.9	0.87	0.46
CFSM	0.96	1.41	2.94	2.16	2.61	3.80	5.00	4.96	1.42	0.48	0.20	0.09
IN.	1.10	1.57	3.39	2.49	2.72	4.38	5.57	5.72	1.58	0.55	0.23	0.10

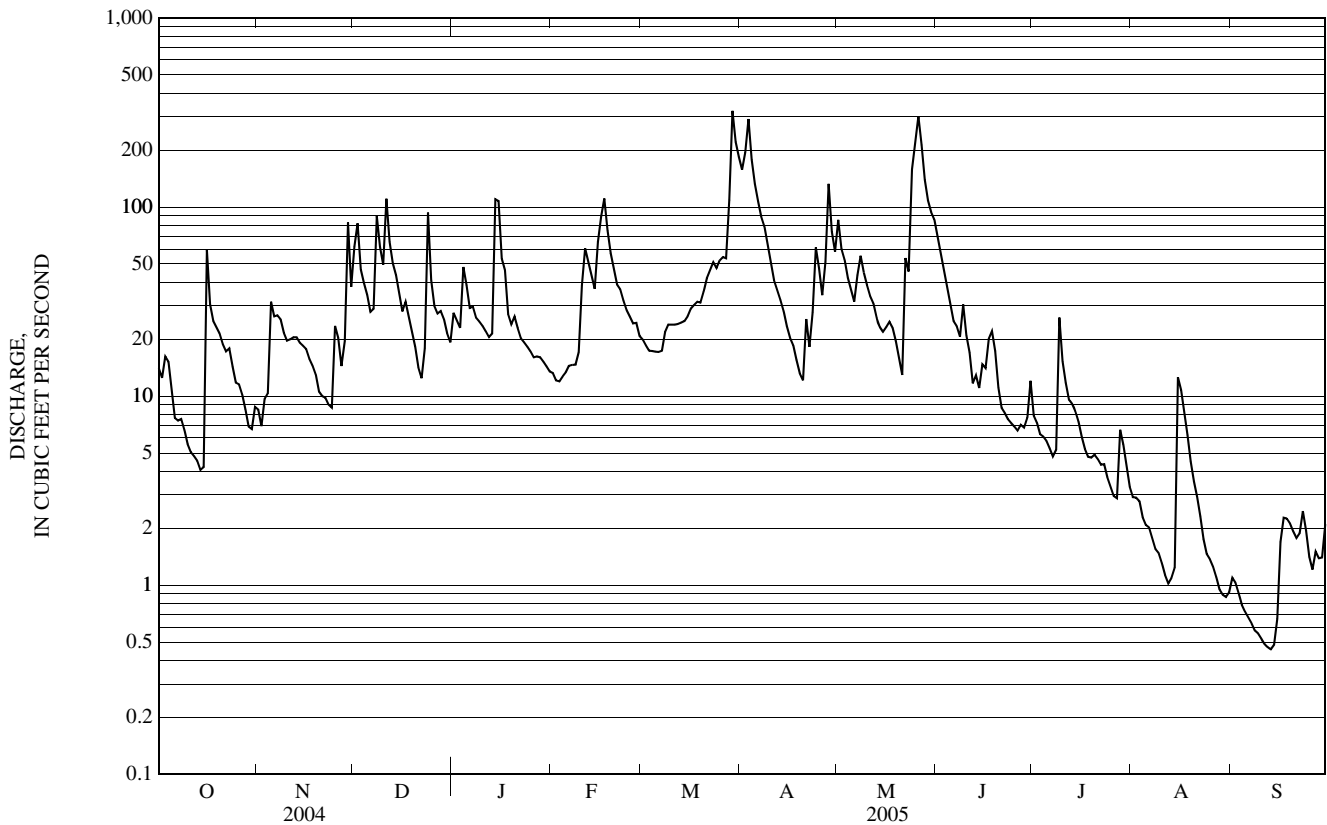
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	9.59	19.7	34.9	18.4	20.0	48.3	70.4	45.2	20.3	5.72	5.43	6.50
MAX	13.5	23.7	41.5	30.4	36.8	70.7	87.9	69.9	25.6	6.70	10.9	21.4
(WY)	(2005)	(2003)	(2005)	(2005)	(2005)	(2003)	(2004)	(2005)	(2003)	(2005)	(2004)	(2004)
MIN	3.11	15.6	29.4	9.70	5.54	20.8	52.7	31.4	15.5	4.43	0.41	0.36
(WY)	(2003)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2004)	(2004)	(2002)	(2002)

01073785 WINNICUT RIVER AT GREENLAND, NEAR PORTSMOUTH, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	8,692.1		11,142.98		25.7	
ANNUAL MEAN	23.7		30.5		30.5	
HIGHEST ANNUAL MEAN					22.3	
LOWEST ANNUAL MEAN					2005	
HIGHEST DAILY MEAN	534	Apr 2	323	Mar 29	534	Apr 2, 2004
LOWEST DAILY MEAN	1.5	Aug 12	0.46	Sep 13	a 0.30	Aug 22, 2002
ANNUAL SEVEN-DAY MINIMUM	2.0	Aug 6	0.51	Sep 8	0.30	Sep 13, 2002
MAXIMUM PEAK FLOW			408	May 26	708	Apr 2, 2004
MAXIMUM PEAK STAGE			5.13	May 26	5.64	Apr 2, 2004
INSTANTANEOUS LOW FLOW			b 0.44	Sep 12	c 0.30	Aug 22, 2002
ANNUAL RUNOFF (CFSM)	1.68		2.17		1.82	
ANNUAL RUNOFF (INCHES)	22.93		29.40		24.75	
10 PERCENT EXCEEDS	51		63		55	
50 PERCENT EXCEEDS	15		19		16	
90 PERCENT EXCEEDS	3.2		1.8		2.1	

- a Also occurred on Aug. 28, Sep. 13-15, 18-22, 2002.
- b Also occurred on Sep. 13.
- c Also occurred on Aug. 24, 27-29, Sep. 12-23, 2002.
- e Estimated.



01073822 LITTLE RIVER AT WOODLAND ROAD, NEAR HAMPTON, NH

LOCATION.--Lat 42° 57' 53", long 70° 47' 51", Rockingham County, Hydrologic Unit 01060003, on left bank, at Woodland Road, 0.1 mi north of Woodland Road and Atlantic Avenue (NH 111) intersection, 0.2 mi downstream from the from mouth of Oliver Brook, 1.2 mi west of Ocean Boulevard (NH 1A) and Atlantic Avenue (NH 111) intersection, and 2.8 mi northeast of Lafayette Road (US 1) and Winnacunnet Road (NH 101E) intersection in Hampton.

DRAINAGE AREA.--6.12 mi².

PERIOD OF RECORD.--Discharge records: November 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 15 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those below 0.8 ft³/s and those for estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 75 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 14	2315	82	2.66	Apr 3	1330	123	3.36
Mar 29	0715	*151	*3.80	May 26	1430	136	3.57

Minimum daily discharge, e0.01 ft³/s, Aug. 29 and Sep. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	e3.4	18	8.7	e5.4	e6.1	40	28	13	3.2	e0.75	e0.60
2	5.7	e2.9	35	12	5.2	6.1	56	21	11	2.7	e1.1	e0.70
3	5.4	e4.6	17	11	4.8	6.1	107	15	8.6	2.3	e0.55	e0.50
4	4.6	e5.0	11	22	4.9	5.9	62	12	8.0	e1.9	e0.48	e0.30
5	3.6	14	8.5	22	e5.1	5.7	34	8.9	7.1	e1.8	e0.36	e0.20
6	2.8	13	6.8	13	e5.3	5.6	25	7.7	6.0	e1.7	e0.27	e0.10
7	2.4	7.9	9.3	9.6	e5.5	5.7	19	13	6.0	e1.6	e0.21	e0.10
8	2.3	6.0	45	8.8	e5.7	e6.6	18	28	5.4	e1.7	e0.16	e0.08
9	e2.0	4.5	28	7.8	e5.8	8.7	16	20	9.0	8.8	e0.13	e0.08
10	e2.0	3.7	18	e7.7	e12	9.2	13	13	8.3	9.5	e0.07	e0.06
11	e1.7	3.4	47	7.5	19	e8.9	10	9.6	6.2	4.7	e0.13	e0.04
12	e1.7	3.1	31	e7.6	24	e9.0	9.3	7.8	4.7	2.3	e0.18	e0.03
13	e1.5	3.3	18	9.4	23	e9.9	8.6	6.4	4.4	1.7	e0.21	e0.02
14	e1.4	3.3	12	39	e17	9.6	8.3	5.6	4.5	1.4	e0.27	e0.01
15	e1.8	3.4	8.7	55	23	10	7.6	5.5	5.2	1.2	e1.7	e0.17
16	e22	3.9	6.4	24	38	11	6.8	6.4	4.9	1.1	4.9	e0.40
17	e13	3.9	5.9	14	47	11	6.2	6.7	6.6	0.91	e2.2	e1.2
18	e8.7	3.5	5.6	9.3	34	11	5.9	5.9	7.1	e0.85	e1.2	e1.1
19	e7.2	3.1	5.3	6.6	21	12	5.3	5.0	5.7	e0.85	e0.75	e0.90
20	e6.4	2.8	5.8	5.6	13	13	5.2	4.7	4.7	e0.75	e0.66	e0.60
21	e6.1	2.8	5.0	5.6	9.6	16	8.2	4.7	3.7	e0.65	e0.56	e0.45
22	e5.6	2.7	4.5	5.6	8.5	18	9.2	23	4.1	e0.45	e0.50	e0.30
23	e5.2	2.6	7.1	e5.4	8.1	21	9.8	26	e4.4	e0.35	e0.45	e0.30
24	e4.5	3.2	43	5.3	7.6	20	23	63	e2.9	e0.29	e0.34	e0.25
25	e4.1	13	23	5.3	7.2	22	21	104	2.4	e0.25	e0.25	e0.25
26	e4.1	15	12	5.9	6.8	23	12	118	e2.1	e0.25	e0.22	e0.25
27	e3.5	9.4	8.1	5.8	6.4	21	14	83	e1.8	e0.50	e0.15	e0.45
28	e3.1	8.1	7.3	6.1	6.1	45	56	38	1.6	e2.2	e0.08	e0.09
29	e2.6	25	7.0	e6.0	---	142	29	25	1.7	e4.8	e0.01	e0.20
30	e2.6	17	6.8	e5.8	---	88	18	18	3.0	e2.5	e0.10	e0.35
31	e3.8	---	6.6	e5.6	---	55	---	15	---	e1.2	e0.15	---
TOTAL	148.3	197.5	472.7	363.0	379.0	642.1	663.4	747.9	164.1	64.40	19.09	10.08
MEAN	4.78	6.58	15.2	11.7	13.5	20.7	22.1	24.1	5.47	2.08	0.62	0.34
MAX	22	25	47	55	47	142	107	118	13	9.5	4.9	1.2
MIN	1.4	2.6	4.5	5.3	4.8	5.6	5.2	4.7	1.6	0.25	0.01	0.01
CFSM	0.78	1.08	2.49	1.91	2.21	3.38	3.61	3.94	0.89	0.34	0.10	0.05
IN.	0.90	1.20	2.87	2.21	2.30	3.90	4.03	4.55	1.00	0.39	0.12	0.06

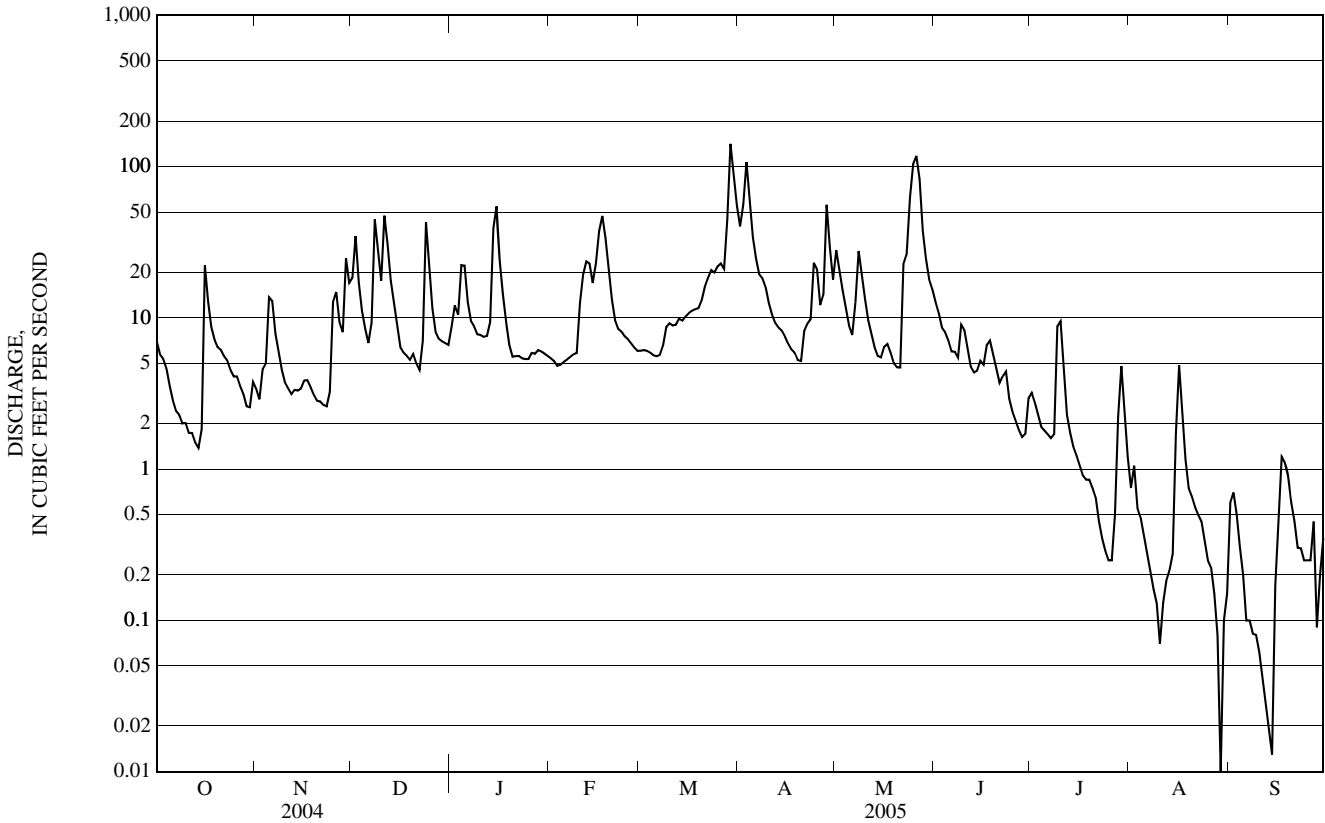
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	4.61	5.93	14.0	6.84	6.86	18.1	23.0	15.5	6.70	1.84	3.46	3.77
MAX	4.78	6.58	15.2	11.7	13.5	25.0	30.7	24.1	8.66	2.08	6.52	9.42
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2003)	(2004)	(2005)	(2003)	(2005)	(2004)	(2004)
MIN	4.43	5.28	12.4	2.59	1.81	8.72	16.1	10.0	5.47	1.48	0.62	0.34
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	(2003)	(2005)	(2003)	(2005)	(2005)

01073822 LITTLE RIVER AT WOODLAND ROAD, NEAR HAMPTON, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	3,252.82		3,871.57		9.56	
ANNUAL MEAN	8.89		10.6		10.6	
HIGHEST ANNUAL MEAN					10.6	2005
LOWEST ANNUAL MEAN					8.51	2004
HIGHEST DAILY MEAN	239	Apr 2	142	Mar 29	239	Apr 2, 2004
LOWEST DAILY MEAN	e 0.40	Jan 27	ae 0.01	Aug 29	ae 0.01	Aug 29, 2005
ANNUAL SEVEN-DAY MINIMUM	0.45	Jan 27	0.05	Sep 8	ae 0.05	Sep 8, 2005
MAXIMUM PEAK FLOW			151	Mar 29	b 320	Apr 2, 2004
MAXIMUM PEAK STAGE			3.80	Mar 29	6.58	Apr 2, 2004
ANNUAL RUNOFF (CFSM)	1.45		1.73		1.56	
ANNUAL RUNOFF (INCHES)	19.77		23.53		21.22	
10 PERCENT EXCEEDS	19		23		22	
50 PERCENT EXCEEDS	4.5		5.8		5.3	
90 PERCENT EXCEEDS	1.0		0.30		0.64	

a Also occurred on Sep. 14.
 b From rating curve extended above 160 ft³/s.
 e Estimated.



01074520 EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH

LOCATION.--Lat 44° 02' 51", long 71° 39' 37", Grafton County, Hydrologic Unit 01070001, on right bank at old crib dam, locally known as "the old hole", 800 ft upstream of bridge, 1,900 ft downstream of Pollard Brook, 1.8 mi above mouth, east of the center of Lincoln.

DRAINAGE AREA.--115 mi².

PERIOD OF RECORD.--Discharge records: March 1993 to current year. Records for November 1928 to March 1953 at site 2.7 mi upstream published as "near Lincoln" (station 01074500) are not equivalent because of difference in drainage areas.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 830 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to August 17, 2001, at datum 5.00 ft higher.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 19, 1936, reached a stage of 9.80 ft, former site and datum, discharge, 17,000 ft³/s. Flood in October 1959 reached a discharge of 24,200 ft³/s, by computation of peak flow over dam.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,900 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 23	2330	6,210	10.63	Apr 24	1245	*12,400	*14.14
Apr 21	0230	4,930	10.09	Sep 1	0015	8,810	12.12

Minimum discharge, 68 ft³/s, Mar. 19, 20, gage height, 5.02 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	121	113	995	e254	e135	89	249	1,300	688	335	117	2,450
2	116	112	1,060	e222	e128	88	250	965	588	223	222	646
3	116	319	696	e195	e125	85	e1,760	828	530	181	185	434
4	110	219	558	e178	e123	84	1,220	710	484	159	131	330
5	105	360	489	e165	e124	83	721	622	432	166	179	269
6	103	274	397	e154	e122	81	627	584	394	406	215	228
7	101	288	398	e158	e122	81	697	577	379	425	132	198
8	98	303	376	e147	e123	83	895	549	330	256	113	176
9	95	245	334	e139	e138	86	810	554	315	324	104	160
10	92	205	305	e137	e144	e84	736	644	457	440	99	146
11	91	203	303	e124	132	83	728	780	576	299	94	135
12	92	190	278	e123	127	80	589	886	466	232	90	127
13	90	173	253	e126	120	79	500	616	356	202	93	121
14	86	157	224	e815	e116	77	461	510	379	196	91	116
15	108	162	164	e445	121	e72	445	648	633	222	137	202
16	324	155	e160	e257	132	e71	453	797	562	174	105	162
17	238	149	e190	e201	204	72	557	655	683	161	94	149
18	169	147	e150	e153	137	e71	736	564	723	182	86	161
19	137	156	e180	e169	e116	70	762	511	755	214	82	141
20	124	155	e160	e188	e107	71	1,350	471	561	233	82	136
21	116	152	e125	e158	110	73	2,490	450	472	161	136	138
22	111	165	e170	e157	126	75	1,060	677	415	166	125	118
23	108	156	971	e183	112	74	1,140	858	356	185	96	110
24	105	154	1,850	e169	102	73	6,750	1,650	311	142	88	106
25	102	1,470	607	e168	97	72	2,380	1,050	272	130	90	102
26	100	770	467	e161	93	71	1,230	1,090	241	124	82	211
27	98	502	400	e147	90	74	1,350	1,010	210	127	77	785
28	95	661	336	e140	90	105	2,010	803	193	121	116	331
29	94	1,270	e285	e139	---	280	1,190	722	194	110	248	431
30	93	666	e251	e154	---	237	998	798	286	102	366	549
31	125	---	e242	e147	---	242	---	820	---	97	1,220	---
TOTAL	3,663	10,051	13,374	6,073	3,416	2,966	35,144	23,699	13,241	6,495	5,095	9,368
MEAN	118	335	431	196	122	95.7	1,171	764	441	210	164	312
MAX	324	1,470	1,850	815	204	280	6,750	1,650	755	440	1,220	2,450
MIN	86	112	125	123	90	70	249	450	193	97	77	102
CFSM	1.03	2.91	3.75	1.70	1.06	0.83	10.2	6.65	3.84	1.82	1.43	2.72
IN.	1.18	3.25	4.33	1.96	1.11	0.96	11.37	7.67	4.28	2.10	1.65	3.03

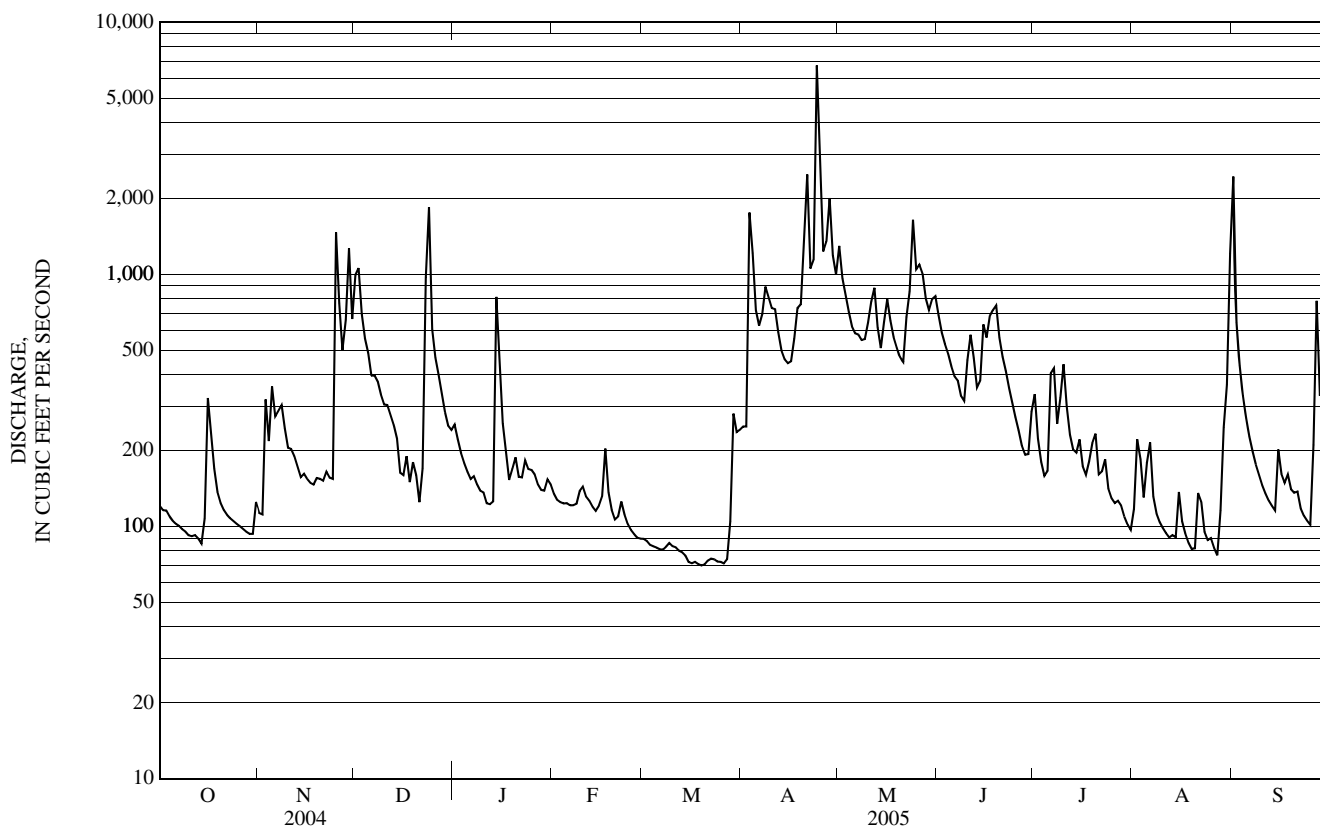
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

MEAN	272	359	299	221	132	228	813	698	315	181	142	184
MAX	740	760	742	564	389	535	1,319	1,323	646	525	404	655
(WY)	(1996)	(1996)	(2004)	(1996)	(1996)	(1998)	(2002)	(1996)	(1998)	(1996)	(2003)	(1999)
MIN	78.7	139	83.5	65.0	54.8	52.8	264	412	179	67.0	31.3	59.0
(WY)	(2002)	(1995)	(1998)	(2002)	(2003)	(2001)	(1995)	(1993)	(1999)	(2001)	(2001)	(2002)

01074520 EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	107,588		132,585		322	
ANNUAL MEAN	294		363		507	
HIGHEST ANNUAL MEAN					1996	
LOWEST ANNUAL MEAN					1995	
HIGHEST DAILY MEAN	1,850	Dec 24	6,750	Apr 24	9,090	Apr 14, 2002
LOWEST DAILY MEAN	e 60	Mar 23	70	Mar 19	25	Sep 18, 2001
ANNUAL SEVEN-DAY MINIMUM	63	Mar 19	71	Mar 15	26	Sep 14, 2001
MAXIMUM PEAK FLOW			12,400	Apr 24	a 16,900	Apr 14, 2002
MAXIMUM PEAK STAGE			14.14	Apr 24	b 11.07	Oct 22, 1995
INSTANTANEOUS LOW FLOW			c 68	Mar 19	d 25	Sep 18, 2001
ANNUAL RUNOFF (CFSM)	2.56		3.16		2.80	
ANNUAL RUNOFF (INCHES)	34.80		42.89		38.04	
10 PERCENT EXCEEDS	676		797		701	
50 PERCENT EXCEEDS	175		180		170	
90 PERCENT EXCEEDS	80		90		67	

- a From rating curve extended above 7,200 ft³/s.
- b At datum then in use.
- c Also occurred on March 20.
- d Also occurred on Sept. 19, 20, 2001.
- e Estimated.



MERRIMACK RIVER BASIN

01075000 PEMIGEWASSET RIVER AT WOODSTOCK, NH

LOCATION.--Lat 43° 58'34", long 71° 40'48", Grafton County, Hydrologic Unit 01070001, on right bank 300 ft upstream of southern State Highway 175 bridge, 0.2 mi east of Woodstock, 0.7 mi upstream from Eastman Brook, and 4.8 mi south of Town Hall in Lincoln.

DRAINAGE AREA.--193 mi².

PERIOD OF RECORD.--Discharge records: October 1939 to 1977, October 2001 to current year. Partial-record station: October 1977 to September 2001. Peak streamflow: Water years 1940 to 1980, 1985 to current year. Miscellaneous discharge measurements only: Water years 1978 to 2001. Water-quality records: Water years 1970-73.

REVISED RECORDS.--WSP 1701: 1942(M).

GAGE.--Water-stage recorder. Elevation of gage is 615 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Prior to 1978, some diurnal fluctuation caused by power plants upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,100 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 24	0000	11,000	9.39	Apr 24	1430	*19,600	*11.62
Apr 3	1415	8,070	8.41	Sep 1	0115	15,700	10.71

Minimum daily discharge, 110 ft³/s, Aug. 27.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	171	179	2,180	411	e245	169	e620	2,290	906	567	193	5,680
2	164	168	2,440	354	e230	168	e610	1,520	715	360	496	1,250
3	164	522	1,180	366	e220	160	4,380	1,220	610	281	323	700
4	157	379	859	365	e225	158	2,610	972	539	241	223	498
5	149	687	703	e305	e222	156	1,390	806	479	235	234	402
6	143	535	528	e278	e219	154	1,180	729	437	496	353	338
7	142	520	533	300	e219	153	1,350	710	432	619	212	295
8	138	507	526	273	e225	154	1,820	689	374	359	176	262
9	136	394	478	e250	e263	161	1,540	681	360	442	156	239
10	132	315	426	256	e267	187	1,310	794	664	723	143	218
11	130	299	478	231	e223	169	1,280	988	871	468	134	200
12	131	279	456	228	e214	167	946	1,220	642	344	127	188
13	127	255	396	237	e215	161	759	764	474	298	130	178
14	123	e225	344	1,360	e205	152	702	595	543	282	127	170
15	152	234	263	823	e218	146	695	809	1,250	346	208	294
16	547	222	e255	467	e240	142	706	1,240	1,010	269	166	276
17	421	218	e250	e370	e385	138	884	896	1,310	248	137	230
18	284	215	e220	e280	e250	135	1,230	712	1,420	317	122	263
19	224	224	e280	e310	e215	135	1,210	636	1,330	405	112	238
20	198	230	e230	e345	e200	139	2,180	568	830	369	111	218
21	182	228	e180	e270	193	145	3,960	530	634	256	212	228
22	171	261	267	e285	229	150	1,620	797	535	229	227	188
23	163	258	1,310	e330	209	150	1,750	1,050	457	281	156	170
24	157	242	4,100	e305	e185	143	10,400	2,220	397	214	132	159
25	153	3,430	990	e300	185	142	4,110	1,380	350	190	135	148
26	148	1,590	634	e290	e170	141	1,990	1,350	311	182	123	238
27	144	810	e535	e265	e170	153	2,030	1,290	282	183	110	1,430
28	140	976	e500	e255	170	e200	3,600	991	280	180	277	517
29	136	2,800	e490	e255	---	e510	2,030	844	296	161	697	624
30	135	1,110	403	e280	---	e640	1,490	913	369	147	891	957
31	192	---	383	e265	---	e620	---	1,050	---	137	2,680	---
TOTAL	5,554	18,312	22,817	10,909	6,211	6,098	60,382	31,254	19,107	9,829	9,523	16,796
MEAN	179	610	736	352	222	197	2,013	1,008	637	317	307	560
MAX	547	3,430	4,100	1,360	385	640	10,400	2,290	1,420	723	2,680	5,680
MIN	123	168	180	228	170	135	610	530	280	137	110	148
CFSM	0.93	3.16	3.81	1.82	1.15	1.02	10.4	5.22	3.30	1.64	1.59	2.90
IN.	1.07	3.53	4.40	2.10	1.20	1.18	11.64	6.02	3.68	1.89	1.84	3.24

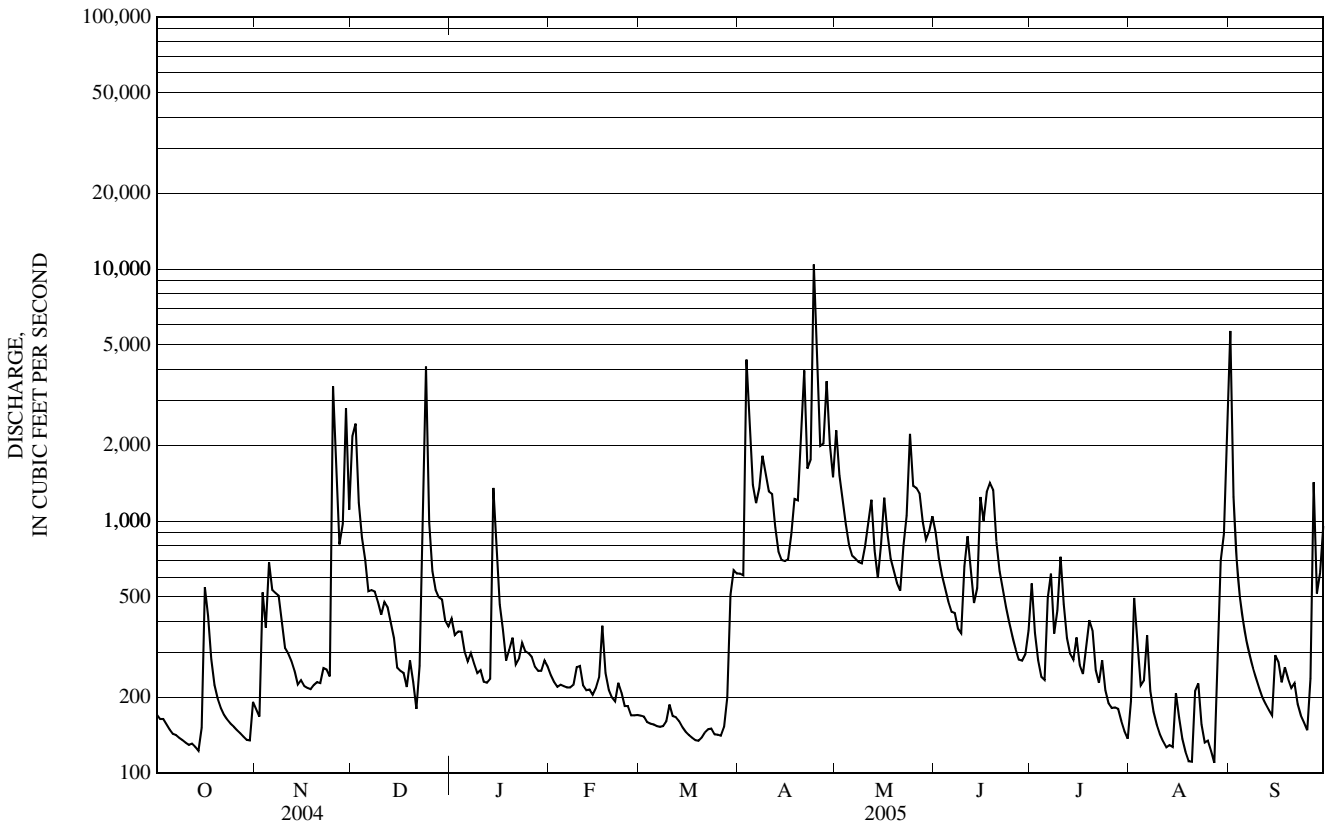
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1977, 2002 - 2005, BY WATER YEAR (WY)

MEAN	369	557	442	247	209	424	1,343	1,337	495	263	219	268
MAX	1,192	1,428	1,693	671	670	1,699	2,087	2,448	1,263	668	696	1,212
(WY)	(1960)	(1960)	(1974)	(1949)	(1973)	(1953)	(2002)	(1972)	(1973)	(1973)	(2003)	(1954)
MIN	65.9	122	77.7	55.9	57.3	65.7	554	403	159	94.8	76.1	64.4
(WY)	(1948)	(1948)	(1948)	(1948)	(1940)	(1940)	(1965)	(1941)	(1953)	(1953)	(1942)	(1948)

01075000 PEMIGEWASSET RIVER AT WOODSTOCK, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940-77, 2002-05	
ANNUAL TOTAL	176,455		216,792		515	
ANNUAL MEAN	482		594		703	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	4,100	Dec 24	10,400	Apr 24	16,900	Oct 24, 1959
LOWEST DAILY MEAN	89	Mar 23	110	Aug 27	37	Sep 10, 2002
ANNUAL SEVEN-DAY MINIMUM	102	Mar 19	131	Oct 8	40	Sep 5, 2002
MAXIMUM PEAK FLOW			19,600	Apr 24	a 47,000	Oct 24, 1959
MAXIMUM PEAK STAGE			11.62	Apr 24	16.13	Oct 24, 1959
ANNUAL RUNOFF (CFSM)	2.50		3.08		2.67	
ANNUAL RUNOFF (INCHES)	34.01		41.79		36.25	
10 PERCENT EXCEEDS	1,100		1,310		1,220	
50 PERCENT EXCEEDS	266		284		247	
90 PERCENT EXCEEDS	123		146		95	

a From rating curve extended above 14,000 ft³/s on basis of contracted-opening measurement of peak flow.
 e Estimated.



MERRIMACK RIVER BASIN

01076000 BAKER RIVER NEAR RUMNEY, NH

LOCATION.--Lat 43° 47' 44", Long 71° 50' 45" (revised), Grafton County, Hydrologic Unit 01070001, on right bank, 200 ft upstream from small right bank tributary, 0.3 mi upstream from Halls Brook, 1.8 mi southeast of West Rumney, and 1.8 mi southwest of Rumney.

DRAINAGE AREA.--143 mi².

PERIOD OF RECORD.--Discharge records: October 1928 to September 1977, October 2001 to current year. October 1928 monthly discharge only, published in WSP 1301. Partial-record station: October 1977 to September 2001. Peak streamflow: Water years 1928 to 1977, 1985 to 1993, 1995 to current year. Miscellaneous discharge measurements only: Water years 1978 to 1988, 1990 to 2001. Water quality records: Water years 1953-54.

REVISED RECORDS.--WSP 726: Drainage area. WSP 781: 1934(M). WSP 1231: 1929-33(M), 1934.

GAGE.--Water-stage recorder. Concrete control September 10, 1938 to June 12, 1976. Elevation of gage is 495 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. High flow slightly affected by retarding reservoirs since 1968.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since valley was settled about 1766, 25,900 ft³/s, November 3, 1927, gage height 17.4 ft, from flood marks, from rating extended above 6,800 ft³/s on the basis of slope-area measurements at gage heights 13.03 ft, 14.49 ft, and 15.50 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	1330	*7,070	*9.96	Apr 24	1430	3,780	6.50

Minimum discharge, 23 ft³/s, Aug. 28, gage height, 0.25 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	40	54	1,020	199	e83	89	982	907	414	301	42	1,360
2	38	51	1,210	180	e76	92	1,030	672	318	216	41	386
3	37	112	696	180	e74	89	4,510	533	251	163	41	212
4	37	125	478	205	e73	83	2,540	429	205	132	41	141
5	35	287	352	192	e72	82	1,630	359	168	119	39	110
6	34	267	248	e140	e72	81	1,520	315	145	156	39	100
7	33	199	232	e150	e72	81	1,630	291	180	171	36	124
8	33	164	235	136	e78	83	1,730	315	149	178	32	115
9	32	131	237	132	e85	e90	1,410	288	175	239	30	104
10	31	106	216	135	e115	e97	1,160	267	1,520	403	28	92
11	31	98	294	118	140	96	1,050	261	935	270	27	78
12	31	91	301	117	127	94	831	265	797	182	26	82
13	31	83	254	120	114	e89	708	214	1,020	140	25	117
14	30	71	209	443	99	88	638	190	1,130	119	26	106
15	32	74	142	596	111	85	579	251	1,950	110	37	83
16	100	70	145	380	126	82	511	427	1,190	95	38	74
17	138	68	150	282	195	81	493	333	1,350	87	35	60
18	101	67	e115	e230	174	80	521	270	1,780	91	30	65
19	79	67	e125	e200	147	80	471	233	1,220	161	26	66
20	68	66	113	e182	129	82	511	208	784	115	25	73
21	62	72	e90	e146	110	86	699	190	564	88	34	90
22	58	86	e115	133	117	97	451	294	429	84	48	83
23	55	87	214	e128	111	112	623	465	323	131	36	72
24	52	83	1,610	e128	102	108	2,500	657	249	91	31	66
25	50	740	755	e129	101	e110	1,580	498	200	72	29	61
26	48	648	549	e121	93	e110	1,030	430	164	64	28	62
27	47	371	411	e115	91	126	900	430	178	59	25	128
28	45	364	e270	e108	88	285	1,410	352	341	57	33	97
29	43	986	e260	e101	---	e835	1,050	290	372	52	166	96
30	43	508	218	e95	---	899	775	267	315	48	220	209
31	49	---	199	e90	---	953	---	468	---	43	235	---
TOTAL	1,543	6,196	11,463	5,611	2,975	5,445	35,473	11,369	18,816	4,237	1,549	4,512
MEAN	49.8	207	370	181	106	176	1,182	367	627	137	50.0	150
MAX	138	986	1,610	596	195	953	4,510	907	1,950	403	235	1,360
MIN	30	51	90	90	72	80	451	190	145	43	25	60
CFSM	0.35	1.44	2.59	1.27	0.74	1.23	8.27	2.56	4.39	0.96	0.35	1.05
IN.	0.40	1.61	2.98	1.46	0.77	1.42	9.23	2.96	4.89	1.10	0.40	1.17

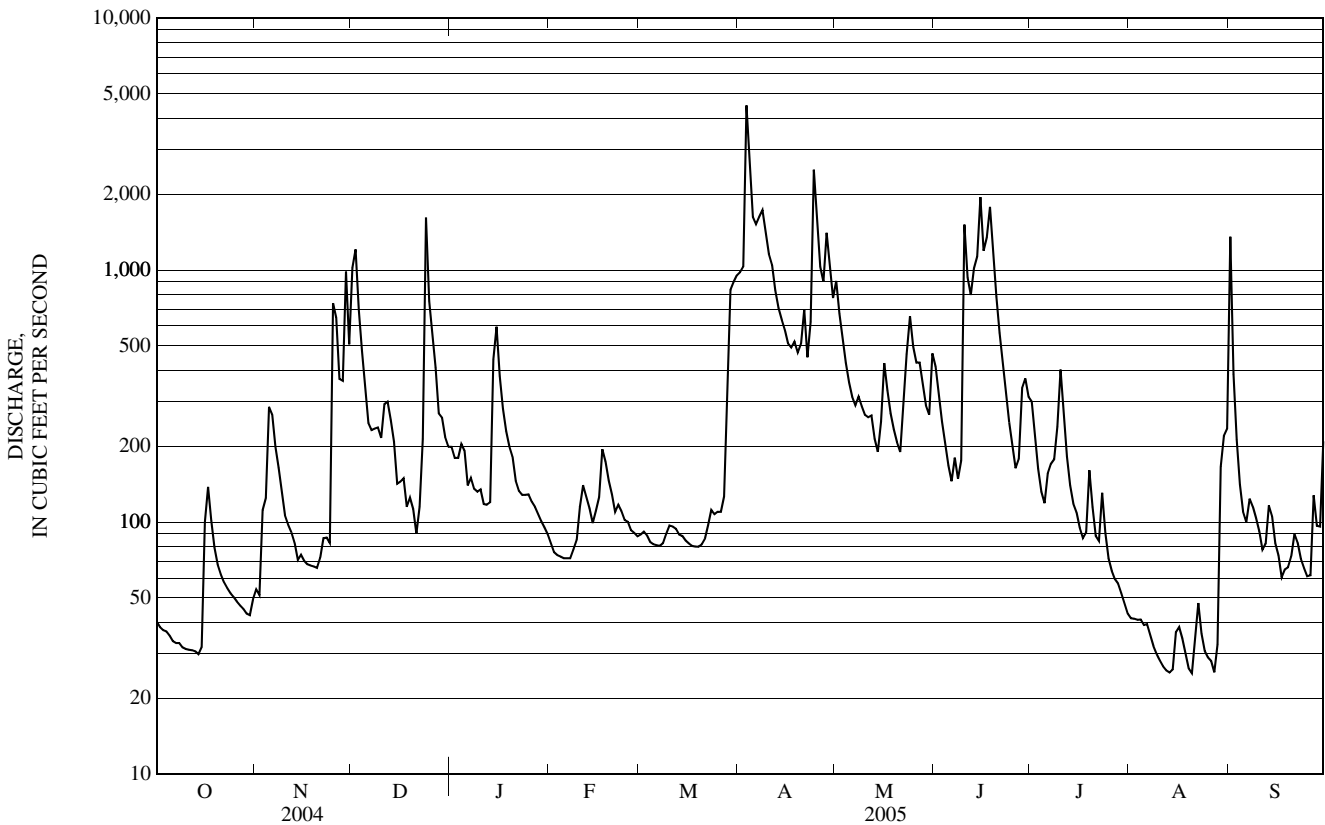
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 1977, 2002 - 2005, BY WATER YEAR (WY)

MEAN	140	237	231	150	130	359	868	453	201	101	73.4	95.0
MAX	588	739	714	434	402	2,473	1,575	962	627	518	324	816
(WY)	(1960)	(1960)	(1974)	(1935)	(1970)	(1936)	(1969)	(1940)	(2005)	(1973)	(1943)	(1938)
MIN	18.2	59.1	34.6	26.0	37.8	52.9	390	141	47.4	21.8	15.2	17.6
(WY)	(1948)	(1953)	(1948)	(1948)	(1948)	(1940)	(1957)	(1941)	(1964)	(1933)	(2002)	(1963)

01076000 BAKER RIVER NEAR RUMNEY, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929-77, 2002-05	
ANNUAL TOTAL	77,048		109,189		254	
ANNUAL MEAN	211		299		121	
HIGHEST ANNUAL MEAN					388 1973	
LOWEST ANNUAL MEAN					121 1965	
HIGHEST DAILY MEAN	1,820	Apr 2	4,510	Apr 3	12,600	Mar 19, 1936
LOWEST DAILY MEAN	28	Aug 11	a 25	Aug 13	9.3	Sep 11, 2002
ANNUAL SEVEN-DAY MINIMUM	31	Oct 9	28	Aug 8	11	Sep 5, 2002
MAXIMUM PEAK FLOW			7,070	Apr 3	b 21,400	Jun 15, 1942
MAXIMUM PEAK STAGE			9.96	Apr 3	15.50	Jun 15, 1942
INSTANTANEOUS LOW FLOW			23	Aug 28	c 6.5	Dec 4, 1947
ANNUAL RUNOFF (CFSM)	1.47		2.09		1.78	
ANNUAL RUNOFF (INCHES)	20.04		28.40		24.13	
10 PERCENT EXCEEDS	511		811		610	
50 PERCENT EXCEEDS	110		128		112	
90 PERCENT EXCEEDS	44		39		33	

- a Also occurred on Aug. 20 and 27.
- b From rating curve extended above 6,800 ft³/s on basis of slope-area measurements as explained above.
- c Result of freezup.
- e Estimated.



MERRIMACK RIVER BASIN

01076500 PEMIGEWASSET RIVER AT PLYMOUTH, NH

LOCATION.--Lat 43° 45'33", long 71° 41'10", Grafton County, Hydrologic Unit 01070001, on right bank, 150 ft downstream from Holderness Road bridge in Plymouth, 0.1 mi northeast of Plymouth Town Hall, and 0.3 mi downstream from Baker River.

DRAINAGE AREA.--622 mi².

PERIOD OF RECORD.--Discharge records: October 1903 to current year. Records for April 1886 to September 1903, published in WSP 124, are unreliable and should not be used.

REVISED RECORDS.--WSP 471: 1912-14. WSP 726: Drainage area. WSP 1231: 1904-11, 1913-14, 1917-18, 1919(M), 1920-25, 1926-27(M), 1929-31(M). WSP 1721: 1959(M). See also PERIOD OF RECORD.

GAGE.--Water-stage recorder. Datum of gage is 457.07 ft above National Geodetic Vertical Datum of 1929. Prior to January 1, 1910, nonrecording gage at sites 150 ft and 200 ft upstream at present datum or datum 1.1 ft lower. January 1, 1910, to September 30, 1926, nonrecording gage at site 200 ft upstream at present datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Stage-discharge relationship at times is affected by variable slope. Some diurnal fluctuation during period 1940-52 caused by power plants upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 12,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	1600	22,500	13.39	Apr 24	2300	a	*15.51
Apr 24	1900	*a24,900	14.73	Sep 1	0630	16,700	10.76

Minimum discharge, 200 ft³/s, Aug. 28, gage height, 0.34 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	373	399	4,810	e1,120	e580	e490	e3,110	5,670	2,380	2,080	289	10,300
2	358	370	8,290	e1,030	e537	e495	3,190	4,390	1,910	1,410	803	3,490
3	348	780	4,020	e1,000	e516	e480	14,600	3,460	1,620	1,050	627	1,760
4	326	948	2,720	e1,080	e507	e457	12,400	2,820	1,420	847	496	1,170
5	314	1,600	2,050	e995	e504	e450	6,320	2,360	1,260	729	381	914
6	297	1,690	1,520	e800	e501	e447	5,520	2,090	1,130	987	545	749
7	289	1,250	1,440	e830	e501	e445	5,730	1,940	1,180	1,900	418	672
8	286	1,140	1,390	e785	e528	e448	6,470	1,960	1,050	1,290	331	596
9	279	959	1,370	e730	e575	e480	5,860	1,840	939	1,390	291	536
10	273	777	1,220	e736	e697	e523	4,740	1,820	3,120	2,040	268	480
11	261	715	1,380	e673	e734	e515	4,520	1,920	3,170	1,520	251	432
12	255	677	1,450	e652	e663	e500	3,500	2,150	2,640	1,080	236	390
13	257	621	1,250	e668	e622	e486	2,850	1,760	2,780	876	234	395
14	252	547	1,110	e2,060	e575	e467	2,510	1,470	2,540	763	235	388
15	301	552	e815	e3,000	e612	e447	2,390	1,510	6,560	781	299	452
16	903	531	e770	e1,850	e686	e434	2,220	2,710	4,230	707	332	593
17	1,080	514	e775	e1,330	e988	e425	2,310	2,110	4,610	612	268	462
18	747	503	e652	e1,060	e905	e418	2,810	1,730	5,590	586	235	482
19	576	496	e708	e970	e734	e415	2,740	1,540	5,350	894	217	486
20	492	508	e670	e970	e655	e425	3,250	1,410	3,310	865	215	439
21	439	521	e537	e830	e585	e440	6,700	1,310	2,370	699	256	551
22	403	572	e645	e765	e630	e480	3,890	1,740	1,920	565	435	432
23	385	612	e1,480	e790	e615	e517	3,580	2,560	1,590	692	314	374
24	371	569	e7,610	e793	e559	e500	15,500	4,610	1,330	597	252	334
25	356	4,820	4,120	e780	e540	e505	13,100	3,640	1,150	483	232	308
26	334	4,700	e2,500	e745	e507	e502	6,170	3,260	986	429	229	321
27	331	2,250	e1,900	e708	e493	e550	4,900	3,260	929	402	212	1,670
28	318	1,840	e1,450	e668	e485	e900	9,070	2,520	1,290	395	229	1,050
29	309	7,460	e1,400	e638	---	e2,160	6,130	2,100	1,440	364	1,180	774
30	306	3,570	e1,200	e638	---	e2,880	4,390	2,050	1,380	325	1,790	1,810
31	351	---	e1,100	e620	---	e3,100	---	2,610	---	302	2,130	---
TOTAL	12,170	42,491	62,352	30,314	17,034	21,781	170,470	76,320	71,174	27,660	14,230	32,810
MEAN	393	1,416	2,011	978	608	703	5,682	2,462	2,372	892	459	1,094
MAX	1,080	7,460	8,290	3,000	988	3,100	15,500	5,670	6,560	2,080	2,130	10,300
MIN	252	370	537	620	485	415	2,220	1,310	929	302	212	308
CFSM	0.63	2.28	3.23	1.57	0.98	1.13	9.14	3.96	3.81	1.43	0.74	1.76
IN.	0.73	2.54	3.73	1.81	1.02	1.30	10.20	4.56	4.26	1.65	0.85	1.96

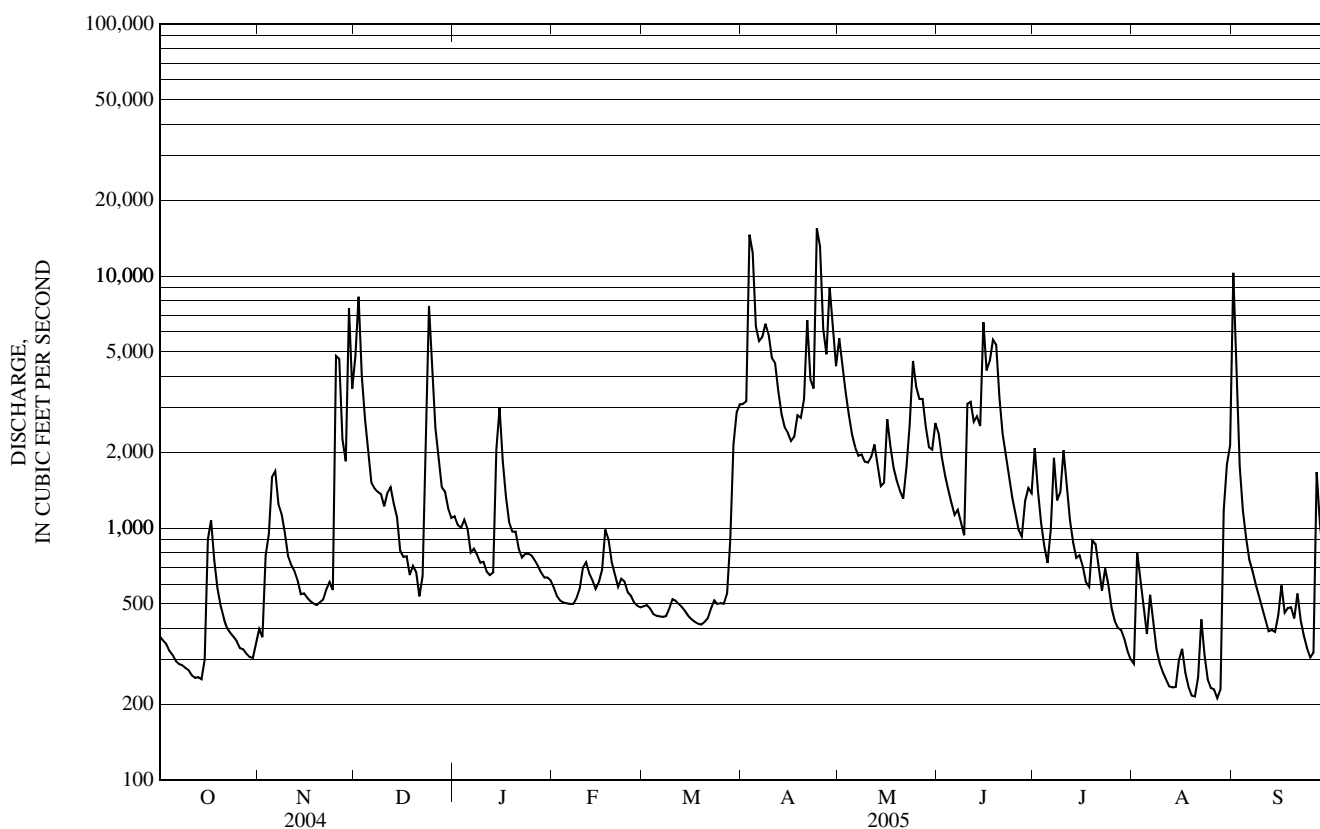
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	964	1,342	1,160	870	725	1,711	3,941	2,753	1,159	637	514	603
MAX	3,423	4,578	4,588	3,191	4,379	9,266	7,206	5,304	3,878	3,103	3,345	3,813
(WY)	(1978)	(1928)	(1974)	(1996)	(1981)	(1936)	(1969)	(1940)	(1917)	(1973)	(1990)	(1938)
MIN	129	308	216	148	138	205	1,222	806	283	160	111	107
(WY)	(1948)	(1979)	(1948)	(1931)	(1931)	(1940)	(1995)	(1921)	(1921)	(1923)	(1923)	(1923)

01076500 PEMIGEWASSET RIVER AT PLYMOUTH, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	430,769		578,806		1,365	
ANNUAL MEAN	1,177		1,586		735	
HIGHEST ANNUAL MEAN					2,156 1996	
LOWEST ANNUAL MEAN					735 1965	
HIGHEST DAILY MEAN	8,290	Dec 2	15,500	Apr 24	57,300	Mar 19, 1936
LOWEST DAILY MEAN	199	Aug 11	212	Aug 27	45	Sep 20, 1923
ANNUAL SEVEN-DAY MINIMUM	237	Aug 6	257	Aug 14	66	Oct 11, 1923
MAXIMUM PEAK FLOW			a 24,900	Apr 24	65,400	Mar 19, 1936
MAXIMUM PEAK STAGE			15.51	Apr 24	b 29.00	Mar 19, 1936
INSTANTANEOUS LOW FLOW			200	Aug 28	c 39	Oct 1, 1948
ANNUAL RUNOFF (CFSM)	1.89		2.55		2.20	
ANNUAL RUNOFF (INCHES)	25.76		34.62		29.83	
10 PERCENT EXCEEDS	2,750		3,600		3,170	
50 PERCENT EXCEEDS	650		777		680	
90 PERCENT EXCEEDS	321		323		238	

- a Discharge affected by variable slope.
- b From floodmarks.
- c Also occurred on October 3, 1948.
- e Estimated.



MERRIMACK RIVER BASIN

01078000 SMITH RIVER NEAR BRISTOL, NH

LOCATION.--Lat 43° 34'04", long 71° 44'54", Merrimack County, Hydrologic Unit 01070001, on right bank, 0.6 mi upstream of Borough Road bridge, 1.5 mi upstream from mouth, 1.7 mi southwest of Post Office in Bristol, and 3.8 mi northwest of Hill.

DRAINAGE AREA.--85.8 mi².

PERIOD OF RECORD.--Discharge: May 1918 to current year.

REVISED RECORDS.--WSP 711: Drainage area. WSP 781: 1934. WSP 1231: 1919, 1920-21(M), 1922-31, 1932-33(M), 1941-43.

GAGE.--Water-stage recorder. Datum of gage is 449.80 ft above National Geodetic Vertical Datum of 1929 (levels by U.S. Army Corps of Engineers). Prior to November 25, 1933, nonrecording gage at site 1.5 mi upstream at different datum.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Prior to 1954, some diurnal fluctuation caused by small mill upstream; greater fluctuation prior to 1941.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since at least 1885, that of March 19, 1936.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,150 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 4	0500	*2,510	*8.22	No other peak greater than base discharge.			

Minimum discharge, 11 ft³/s, Aug. 27, 28, gage height, 1.33 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	28	391	113	60	62	731	477	252	84	30	192
2	23	29	629	111	58	63	734	396	184	76	30	128
3	25	48	501	112	57	62	1,950	302	149	66	27	74
4	23	66	301	131	57	62	2,230	244	127	54	24	48
5	22	148	205	139	57	59	1,280	205	109	47	22	35
6	20	150	155	117	58	55	914	177	97	71	20	28
7	19	105	133	e96	59	55	822	171	127	461	18	24
8	21	80	135	e88	61	58	888	237	115	339	17	21
9	20	66	152	e87	65	66	831	201	112	294	16	18
10	19	55	146	e81	83	77	675	171	119	276	16	16
11	18	49	194	e75	101	64	538	152	136	176	15	15
12	17	49	205	e72	94	61	421	137	118	121	14	14
13	16	46	171	e75	83	61	345	123	97	95	17	13
14	16	42	145	144	74	61	313	116	187	81	16	12
15	19	40	e125	269	77	59	278	118	336	82	22	18
16	86	39	106	209	100	60	254	132	277	68	24	33
17	117	38	93	158	143	59	218	125	350	76	20	48
18	76	38	77	121	153	59	201	111	725	77	17	40
19	55	37	80	e101	137	60	172	101	717	108	15	32
20	46	37	72	e84	105	62	160	95	483	219	15	30
21	39	43	e51	e76	89	67	209	89	277	139	18	30
22	37	49	e62	e71	85	75	180	134	188	92	18	29
23	34	48	e94	e69	81	87	253	241	150	93	16	24
24	32	46	535	e67	e75	88	757	432	122	78	15	20
25	31	250	493	e67	72	90	899	470	102	59	14	17
26	29	337	322	e67	e66	90	701	400	84	50	13	18
27	28	207	197	e66	66	99	521	407	71	46	12	34
28	27	196	145	e66	63	196	711	323	70	49	15	38
29	26	456	133	64	---	589	645	242	80	43	51	34
30	26	350	121	65	---	738	486	236	97	36	54	49
31	28	---	110	62	---	753	---	301	---	32	53	---
TOTAL	1,018	3,172	6,279	3,123	2,279	4,097	19,317	7,066	6,058	3,588	674	1,132
MEAN	32.8	106	203	101	81.4	132	644	228	202	116	21.7	37.7
MAX	117	456	629	269	153	753	2,230	477	725	461	54	192
MIN	16	28	51	62	57	55	160	89	70	32	12	12
CFSM	0.38	1.23	2.36	1.17	0.95	1.54	7.50	2.66	2.35	1.35	0.25	0.44
IN.	0.44	1.38	2.72	1.35	0.99	1.78	8.38	3.06	2.63	1.56	0.29	0.49

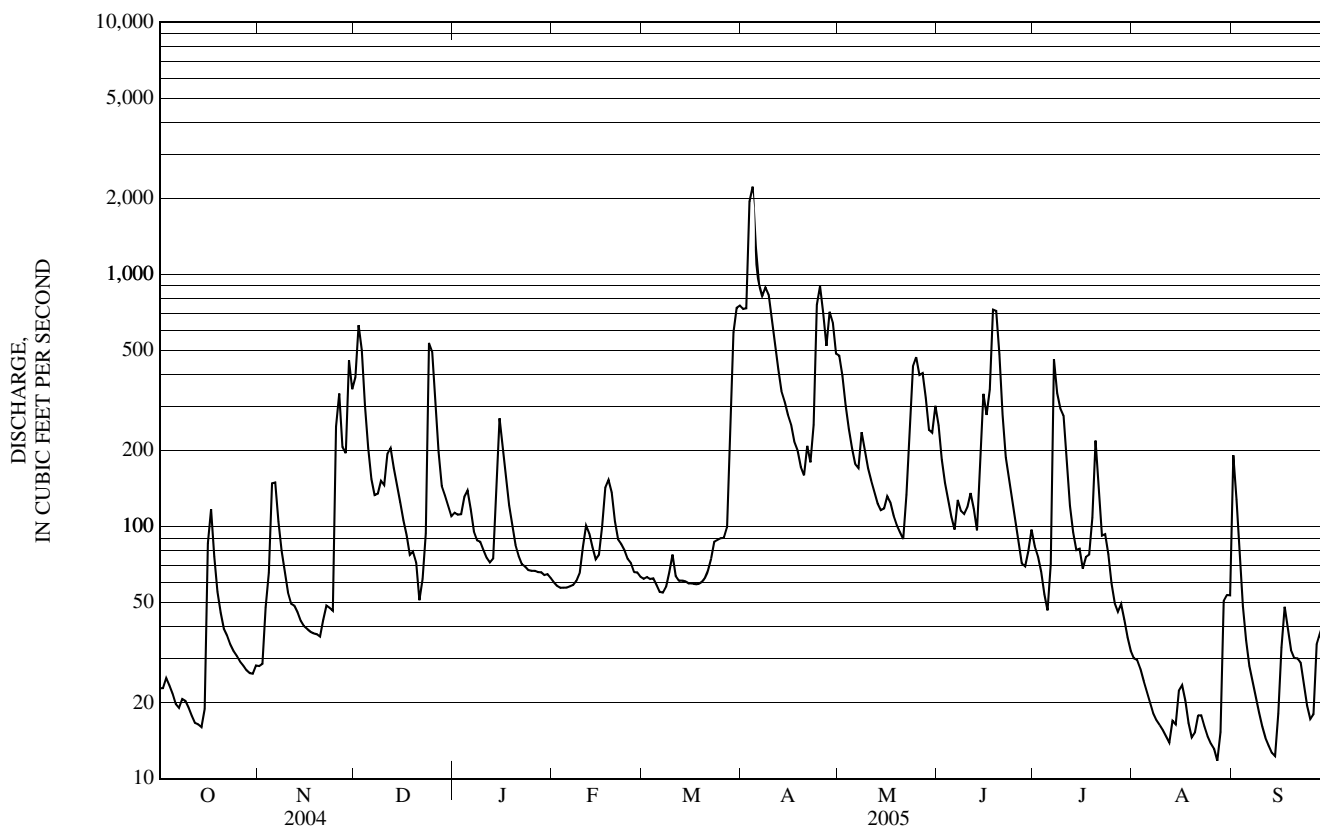
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1918 - 2005, BY WATER YEAR (WY)

MEAN	73.0	130	135	100	96.6	249	482	225	105	53.4	36.9	41.2
MAX	279	379	393	300	578	1,242	1,077	504	391	387	340	457
(WY)	(1997)	(1928)	(1974)	(1996)	(1981)	(1936)	(1969)	(1954)	(1998)	(1973)	(1990)	(1938)
MIN	8.45	20.1	22.3	19.2	20.6	29.7	134	71.5	20.5	9.00	4.54	7.36
(WY)	(1948)	(2002)	(1923)	(1940)	(1980)	(1940)	(1995)	(1941)	(1964)	(1965)	(1965)	(2002)

01078000 SMITH RIVER NEAR BRISTOL, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1918 - 2005	
ANNUAL TOTAL	45,611		57,803		144	
ANNUAL MEAN	125		158		240	
HIGHEST ANNUAL MEAN					64.7	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	1,240	Apr 2	2,230	Apr 4	6,890	Mar 19, 1936
LOWEST DAILY MEAN	13	Sep 7	a 12	Aug 27	2.7	Aug 2, 1933
ANNUAL SEVEN-DAY MINIMUM	17	Sep 2	15	Aug 22	3.2	Sep 20, 1939
MAXIMUM PEAK FLOW			2,510	Apr 4	b 8,100	Mar 19, 1936
MAXIMUM PEAK STAGE			8.22	Apr 4	c 16.09	Mar 19, 1936
INSTANTANEOUS LOW FLOW			d 11	Aug 27	2.7	Aug 2, 1933
ANNUAL RUNOFF (CFSM)	1.45		1.85		1.68	
ANNUAL RUNOFF (INCHES)	19.78		25.06		22.78	
10 PERCENT EXCEEDS	270		398		348	
50 PERCENT EXCEEDS	71		80		67	
90 PERCENT EXCEEDS	24		20		17	

- a Also occurred on Sept. 14.
- b From rating extended above 2,700 ft³/s on basis of contracted-opening measurement of peak flow.
- c From floodmarks.
- d Also occurred on Aug. 28.
- e Estimated.



MERRIMACK RIVER BASIN

01080000 LAKE WINNIPESAUKEE AT WEIRS BEACH, NH

LOCATION.--Lat 43°36'27", long 71°27'34", Belknap County, Hydrologic Unit 01070002, 600 ft east of Weirs Beach Post Office, 1,600 ft north of US Highway 3 bridge across Paugus Bay at Weirs Beach, 4.7 mi southeast of Meredith, and 5.3 mi north of Laconia Post Office.

DRAINAGE AREA.--363 mi², at outlet at Lakeport.

PERIOD OF RECORD.--Gage heights: September 1933 to June 2005 (discontinued). Prior to November 1937, month end contents only, published in WSP 1301. Prior to October 1970, published as "at The Weirs."

REVISED RECORDS.--WDR NH-VT-78-1: 1938-77 (datum correction). WDR NH-VT-99-1: 1998. WDR NH-VT-02-1: 1988-2001 (datum correction).

GAGE.--Water-stage recorder. Datum of gage is 500.00 ft above National Geodetic Vertical Datum of 1929. Prior to November 1937, nonrecording gage at lake outlet at Lakeport at datum 0.55 ft higher. November 24, 1937 to November 7, 1965, water-stage recorder at site 500 ft southeast at datum 0.08 ft lower. November 7, 1965 to September 1987, at water-stage recorder at present site at datum 0.08 ft lower.

REMARKS.--Lake used for recreation and conservation for development of water power. Usable capacity, 7.21 billion ft³ between elevations 500.57 ft and 504.24 ft above National Geodetic Vertical Datum of 1929. Stage regulated at outlet and by Wentworth, Merrymeeting, and other lakes. Capacities given herein are computed from gage height at midnight on last day of month.

Capacity table
furnished by State of New Hampshire, Department of Environmental Services

Gage-height, in feet	Contents, in millions of cubic feet
2.0	13,840
3.0	15,810
4.0	17,800
5.0	19,810

EXTREMES FOR PERIOD OF RECORD.--Maximum daily gage height, 5.94 ft (datum then in use), June 4, 1984; minimum daily gage height, 0.63 ft (datum then in use), December 11, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 4.79 ft, May 1; minimum gage height, 2.51 ft, Nov. 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

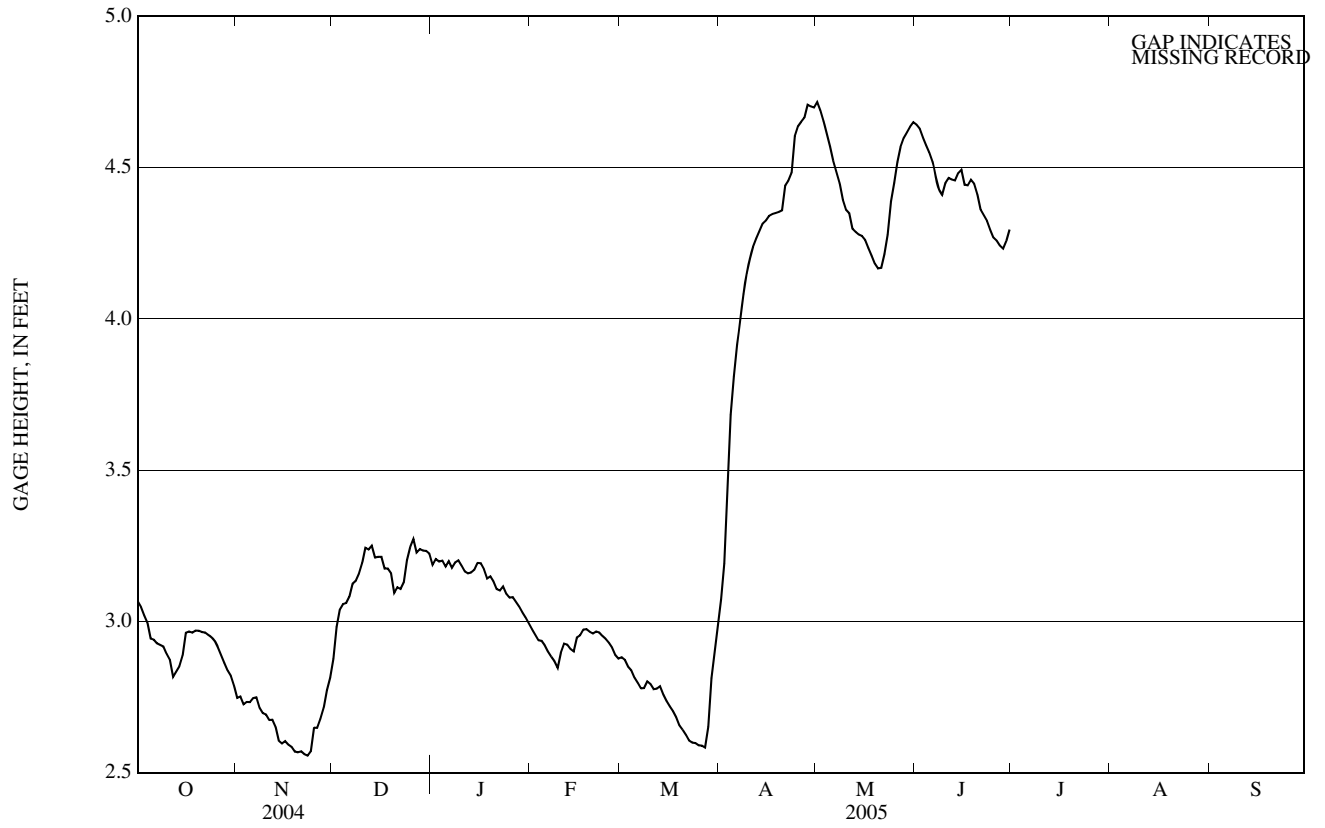
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.07	2.75	2.88	3.19	2.97	2.88	3.07	4.72	4.64	---	---	---
2	3.05	2.75	2.98	3.21	2.96	2.87	3.19	4.69	4.63	---	---	---
3	3.02	2.73	3.04	3.20	2.94	2.85	3.47	4.65	4.60	---	---	---
4	3.00	2.73	3.06	3.20	2.94	2.84	3.68	4.61	4.57	---	---	---
5	2.94	2.73	3.06	3.18	2.92	2.81	3.81	4.57	4.55	---	---	---
6	2.94	2.75	3.08	3.20	2.90	2.80	3.91	4.52	4.52	---	---	---
7	2.93	2.75	3.12	3.18	2.88	2.78	4.00	4.49	4.47	---	---	---
8	2.92	2.71	3.13	3.19	2.87	2.78	4.08	4.45	4.43	---	---	---
9	2.92	2.70	3.16	3.20	2.85	2.80	4.15	4.39	4.41	---	---	---
10	2.89	2.69	3.19	3.18	2.90	2.79	4.20	4.36	4.45	---	---	---
11	2.87	2.67	3.24	3.17	2.93	2.78	4.24	4.35	4.47	---	---	---
12	2.82	2.67	3.24	3.16	2.92	2.78	4.27	4.30	4.46	---	---	---
13	2.83	2.65	3.25	3.16	2.91	2.79	4.29	4.29	4.46	---	---	---
14	2.85	2.61	3.21	3.17	2.90	2.76	4.32	4.28	4.48	---	---	---
15	2.89	2.60	3.21	3.19	2.95	2.74	4.33	4.27	4.49	---	---	---
16	2.96	2.60	3.21	3.19	2.95	2.72	4.34	4.26	4.44	---	---	---
17	2.97	2.59	3.18	3.17	2.97	2.70	4.35	4.23	4.44	---	---	---
18	2.96	2.59	3.17	3.14	2.97	2.68	4.35	4.21	4.46	---	---	---
19	2.97	2.57	3.16	3.15	2.97	2.66	4.35	4.18	4.45	---	---	---
20	2.97	2.57	3.09	3.13	2.96	2.64	4.36	4.17	4.41	---	---	---
21	2.96	2.57	3.11	3.11	2.97	2.63	4.44	4.17	4.36	---	---	---
22	2.96	2.56	3.11	3.10	2.96	2.61	4.46	4.21	4.34	---	---	---
23	2.96	2.56	3.13	3.12	2.95	2.60	4.48	4.28	4.32	---	---	---
24	2.95	2.57	3.20	3.09	2.94	2.60	4.60	4.39	4.30	---	---	---
25	2.94	2.65	3.25	3.08	2.93	2.59	4.64	4.45	4.27	---	---	---
26	2.91	2.65	3.27	3.08	2.91	2.59	4.65	4.52	4.26	---	---	---
27	2.89	2.68	3.23	3.07	2.89	2.58	4.67	4.57	4.24	---	---	---
28	2.86	2.72	3.24	3.05	2.88	2.65	4.71	4.60	4.23	---	---	---
29	2.84	2.77	3.23	3.03	---	2.81	4.70	4.62	4.26	---	---	---
30	2.82	2.81	3.23	3.01	---	2.90	4.70	4.64	4.30	---	---	---
31	2.79	---	3.22	2.99	---	2.99	---	4.65	---	---	---	---
MEAN	2.92	2.67	3.16	3.14	2.93	2.74	4.23	4.42	4.42	---	---	---
MAX	3.07	2.81	3.27	3.21	2.97	2.99	4.71	4.72	4.64	---	---	---
MIN	2.79	2.56	2.88	2.99	2.85	2.58	3.07	4.17	4.23	---	---	---
(†)	15,410	15,510	16,280	15,830	15,590	15,920	19,250	19,140	18,440	---	---	---
(‡)	-213	39	287	-168	-99	123	1285	-41	-270	---	---	---

CAL YR 2004 MEAN 3.38 MAX 4.44 MIN 2.46 (‡)-516

(†) Capacity in millions of cubic feet at midnight of last day of the month.

(‡) Change in contents, equivalent in cubic feet per second.

01080000 LAKE WINNIPESAUKEE AT WEIRS BEACH, NH—Continued



MERRIMACK RIVER BASIN

01081000 WINNIPESAUKEE RIVER AT TILTON, NH

LOCATION.--Lat 43° 26'30", long 71° 35'17", Belknap County, Hydrologic Unit 01070002, on right bank, 150 ft upstream of Bridge/School Street bridge, 300 ft south of Town Hall in Tilton, and 0.3 mi upstream from Packer Brook.

DRAINAGE AREA.--471 mi².

PERIOD OF RECORD.--Discharge records: January 1937 to current year. Water-quality discrete samples: Water years 1953, 1975 to 1978, 1980 to 1999.

REVISED RECORDS.--WSP 1901: 1960.

GAGE.--Water-stage recorder. Datum of gage is 441.87 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Flow regulated by power plants prior to 1967 and by Winnepesaukee (station 01080000), Winnisquam 4.5 mi upstream, Wentworth, Merrymeeting, and other lakes upstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,910 ft³/s, May 1, gage height, 6.88 ft; minimum daily discharge, 99 ft³/s, Oct. 28.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	529	104	646	862	815	835	1,310	2,850	1,550	783	266	383
2	513	141	749	863	812	831	1,330	2,880	1,530	698	266	539
3	510	261	730	860	811	827	1,860	2,840	1,520	662	263	539
4	441	284	662	878	813	822	1,900	2,770	1,510	638	259	532
5	278	305	625	883	812	821	1,520	2,690	1,510	653	257	527
6	254	307	601	874	811	819	1,470	2,600	1,510	737	255	523
7	251	299	574	865	811	819	1,590	2,560	1,510	801	252	521
8	250	286	539	864	810	825	1,550	2,570	1,510	893	251	517
9	250	269	543	859	812	835	1,390	2,500	1,400	1,090	251	508
10	250	261	550	857	854	826	1,330	2,280	1,280	1,110	250	504
11	250	259	599	856	843	821	1,240	1,880	1,420	984	250	503
12	403	259	620	856	854	826	1,110	1,400	1,720	725	250	502
13	728	258	597	854	843	822	1,080	1,070	1,740	552	253	502
14	788	254	595	977	828	818	1,060	1,030	1,810	548	256	501
15	874	253	605	1,150	860	816	967	1,040	2,060	536	283	519
16	795	253	663	1,110	905	817	867	1,040	2,070	517	279	524
17	657	252	760	1,080	956	818	855	1,040	2,070	511	267	538
18	510	253	766	e1,040	945	818	851	1,030	2,150	521	257	533
19	415	254	766	1,020	899	818	847	923	2,130	536	255	526
20	306	254	769	1,010	877	821	845	644	2,060	524	257	523
21	141	259	765	e919	863	826	974	608	2,010	508	261	519
22	113	259	765	e831	851	757	1,310	635	1,810	423	258	429
23	106	258	806	e828	850	639	1,700	755	1,400	301	253	268
24	104	264	1,030	e831	843	626	2,020	1,180	1,300	280	252	247
25	103	329	1,050	826	841	628	2,270	1,660	1,190	271	250	244
26	103	343	958	828	835	640	2,200	1,740	1,160	260	249	259
27	101	324	906	824	832	650	2,200	1,780	1,000	272	249	274
28	99	326	877	822	831	725	2,420	1,640	655	309	255	272
29	100	459	868	820	---	1,110	2,560	1,590	712	302	263	275
30	101	610	864	819	---	1,170	2,640	1,590	911	283	270	281
31	102	---	858	818	---	1,190	---	1,570	---	272	279	---
TOTAL	10,425	8,497	22,706	27,784	23,717	25,416	45,266	52,385	46,208	17,500	8,016	13,332
MEAN	336	283	732	896	847	820	1,509	1,690	1,540	565	259	444
MAX	874	610	1,050	1,150	956	1,190	2,640	2,880	2,150	1,110	283	539
MIN	99	104	539	818	810	626	845	608	655	260	249	244

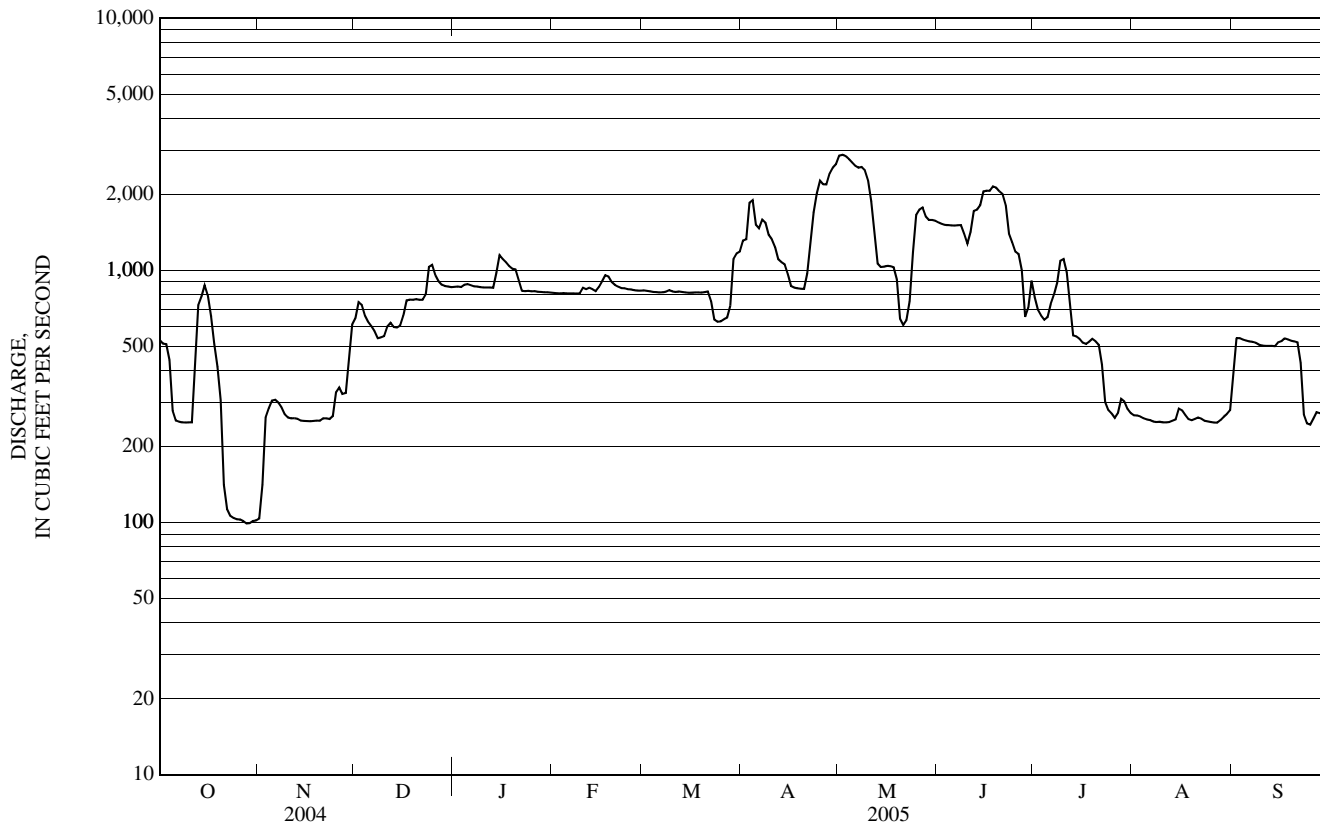
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

MEAN	418	517	716	841	902	943	1,156	978	719	458	406	407
MAX	1,257	1,304	2,209	1,855	1,889	2,043	2,745	2,605	2,821	1,922	897	954
(WY)	(1978)	(1976)	(1984)	(1952)	(1958)	(1983)	(1953)	(1954)	(1984)	(1998)	(1986)	(1938)
MIN	201	205	136	90.5	89.8	337	376	217	201	179	181	182
(WY)	(2002)	(2002)	(1942)	(2002)	(2002)	(2002)	(2002)	(1957)	(1957)	(1957)	(1957)	(1957)

01081000 WINNIPESAUKEE RIVER AT TILTON, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1937 - 2005	
ANNUAL TOTAL	228,628		301,252		701	
ANNUAL MEAN	625		825		304	
HIGHEST ANNUAL MEAN					1,229	1984
LOWEST ANNUAL MEAN					304	1965
HIGHEST DAILY MEAN	2,050	Jan 1	2,880	May 2	4,480	May 31, 1984
LOWEST DAILY MEAN	99	Oct 28	99	Oct 28	a 48	Aug 31, 1941
ANNUAL SEVEN-DAY MINIMUM	101	Oct 25	101	Oct 25	52	Oct 26, 2000
MAXIMUM PEAK FLOW			2,910	May 1	4,580	May 31, 1984
MAXIMUM PEAK STAGE			6.88	May 1	8.68	May 31, 1984
10 PERCENT EXCEEDS	1,150		1,610		1,410	
50 PERCENT EXCEEDS	572		801		529	
90 PERCENT EXCEEDS	254		254		260	

a Also occurred on November 9, 2000.
 e Estimated.



01081500 MERRIMACK RIVER AT FRANKLIN JUNCTION, NH

LOCATION.--Lat 43°25'22", long 71°39'12", Merrimack County, Hydrologic Unit 01070002, on right bank at Franklin Junction, 1 mi downstream from confluence of Pemigewasset and Winnepesaukee Rivers, 1.5 mi south of Post Office in Franklin, and 3.5 mi southwest of southwest of Town Hall in Tilton.

DRAINAGE AREA.--1,507 mi².

PERIOD OF RECORD.--Discharge: August 1903 to December 1903, April 1904 to September 1904, November 1904, April 1905 to September 1978, October 2001 to current year. Partial-record station: October 1978 to September 2001. Peak streamflow: Water years 1904 to 1978, 1983 to current year. Miscellaneous discharge measurements only: Water years 1979 to 1984, 1990 to 2001. Water-quality records: Water years 1954-55.

REVISED RECORDS.--WSP 401: 1914. WSP 641: 1923(M). WSP 756: Drainage area. WSP 781: 1928(M). WSP 1231: 1911-13, 1916-17(M), 1919(M), 1922(M).

GAGE.--Water-stage recorder. Datum of gage is 250.4 ft above National Geodetic Vertical Datum of 1929, unadjusted. Prior to September 13, 1923, nonrecording gage at bridge 350 ft downstream at same datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Flow regulated by power plants, by Franklin Falls Reservoir (4 mi upstream) since 1942, and by Squam, Little Squam, Newfound, Winnepesaukee, Winnisquam, Wentworth, Merrymeeting, and other lakes and reservoirs in the Merrimack River basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 83,000 ft³/s, March 19, 1936, gage height 36.4 ft, from floodmarks, from rating curve extended above 30,000 ft³/s on basis of slope-area measurement and computation of flow over dam at gage height 29.5 ft and velocity-area study; minimum daily, 150 ft³/s, October 4, 1903. Maximum discharge since construction of Franklin Falls Reservoir in 1942, 22,400 ft³/s, April 4, 1951, gage height 16.34 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,700 ft³/s, Apr. 4, gage height, 14.23 ft; minimum daily discharge, 510 ft³/s, Oct. 26.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,200	573	5,780	2,660	e1,830	1,650	8,210	10,600	5,590	3,200	769	6,100
2	1,120	680	9,360	e2,590	1,690	1,640	7,740	10,300	5,000	2,910	1,030	7,850
3	1,210	915	9,430	e2,590	1,590	1,630	11,900	8,360	4,650	1,980	1,270	3,840
4	1,020	1,580	6,070	2,710	1,650	1,560	16,800	7,370	4,080	2,070	996	2,230
5	822	1,990	4,550	e2,670	1,640	1,470	15,600	6,610	3,690	1,710	852	1,680
6	836	2,680	4,200	e2,500	1,590	1,430	14,100	6,020	3,640	1,840	822	1,420
7	736	2,170	3,220	2,280	1,600	e1,420	13,300	5,810	3,540	3,750	823	1,500
8	722	1,850	3,180	e2,230	1,580	1,370	12,600	5,740	2,600	4,160	818	1,250
9	923	1,580	3,340	2,090	1,700	e1,330	11,600	5,660	3,440	3,620	725	1,300
10	717	1,430	3,150	2,180	1,970	e1,400	9,980	5,330	4,300	3,890	595	1,180
11	746	1,230	3,110	2,220	2,010	1,580	8,670	4,500	6,440	4,050	665	1,030
12	857	1,040	3,580	2,140	1,840	e1,420	6,990	4,070	6,340	3,290	723	1,090
13	1,240	1,210	3,050	2,050	1,870	e1,260	5,980	3,930	6,230	1,740	705	1,090
14	1,250	1,010	2,980	2,530	1,810	e1,330	5,580	3,690	6,320	1,810	680	1,030
15	1,350	951	2,430	4,380	1,870	1,410	4,550	2,620	9,170	1,970	898	1,190
16	1,740	1,010	1,870	4,170	1,990	e1,630	4,320	3,640	9,670	1,780	728	1,400
17	2,470	995	2,060	3,320	2,250	1,540	4,250	4,360	8,590	1,660	744	1,210
18	1,730	990	1,950	e2,740	2,520	1,510	4,470	3,620	10,000	1,590	702	1,180
19	1,370	994	2,000	e2,410	2,220	1,510	4,720	3,070	10,800	1,820	629	1,210
20	1,150	983	e1,970	e2,180	1,980	1,540	4,610	2,720	9,090	2,180	769	1,240
21	913	984	e1,710	e2,450	2,010	1,760	6,740	2,620	7,110	1,710	758	1,150
22	759	984	1,580	e2,140	1,790	1,480	7,770	2,770	5,570	1,350	648	1,110
23	811	1,220	2,330	e2,020	1,740	1,740	6,360	3,820	4,450	1,180	734	754
24	713	1,070	6,700	e2,250	1,900	1,590	9,840	5,350	3,880	1,250	686	679
25	581	2,930	9,210	e1,940	1,680	1,580	14,900	7,510	3,220	1,150	673	706
26	510	6,840	5,660	e1,960	1,690	1,600	15,400	7,260	3,080	928	641	742
27	681	4,900	4,060	e1,940	1,600	1,860	14,800	6,710	2,490	884	601	1,640
28	611	3,410	e2,800	e1,840	1,610	2,580	13,700	6,110	2,350	1,030	637	1,910
29	592	6,160	2,560	e1,790	---	4,940	13,400	5,440	2,810	918	1,280	1,350
30	612	7,430	3,170	e1,770	---	6,660	11,300	5,120	3,130	859	2,030	1,890
31	601	---	2,860	e1,730	---	7,470	---	5,220	---	794	2,670	---
TOTAL	30,593	61,789	119,920	74,470	51,220	62,890	290,180	165,950	161,270	63,073	27,301	51,951
MEAN	987	2,060	3,868	2,402	1,829	2,029	9,673	5,353	5,376	2,035	881	1,732
MAX	2,470	7,430	9,430	4,380	2,520	7,470	16,800	10,600	10,800	4,160	2,670	7,850
MIN	510	573	1,580	1,730	1,580	1,260	4,250	2,620	2,350	794	595	679
CFSM	0.65	1.37	2.57	1.59	1.21	1.35	6.42	3.55	3.57	1.35	0.58	1.15
IN.	0.76	1.53	2.96	1.84	1.26	1.55	7.16	4.10	3.98	1.56	0.67	1.28

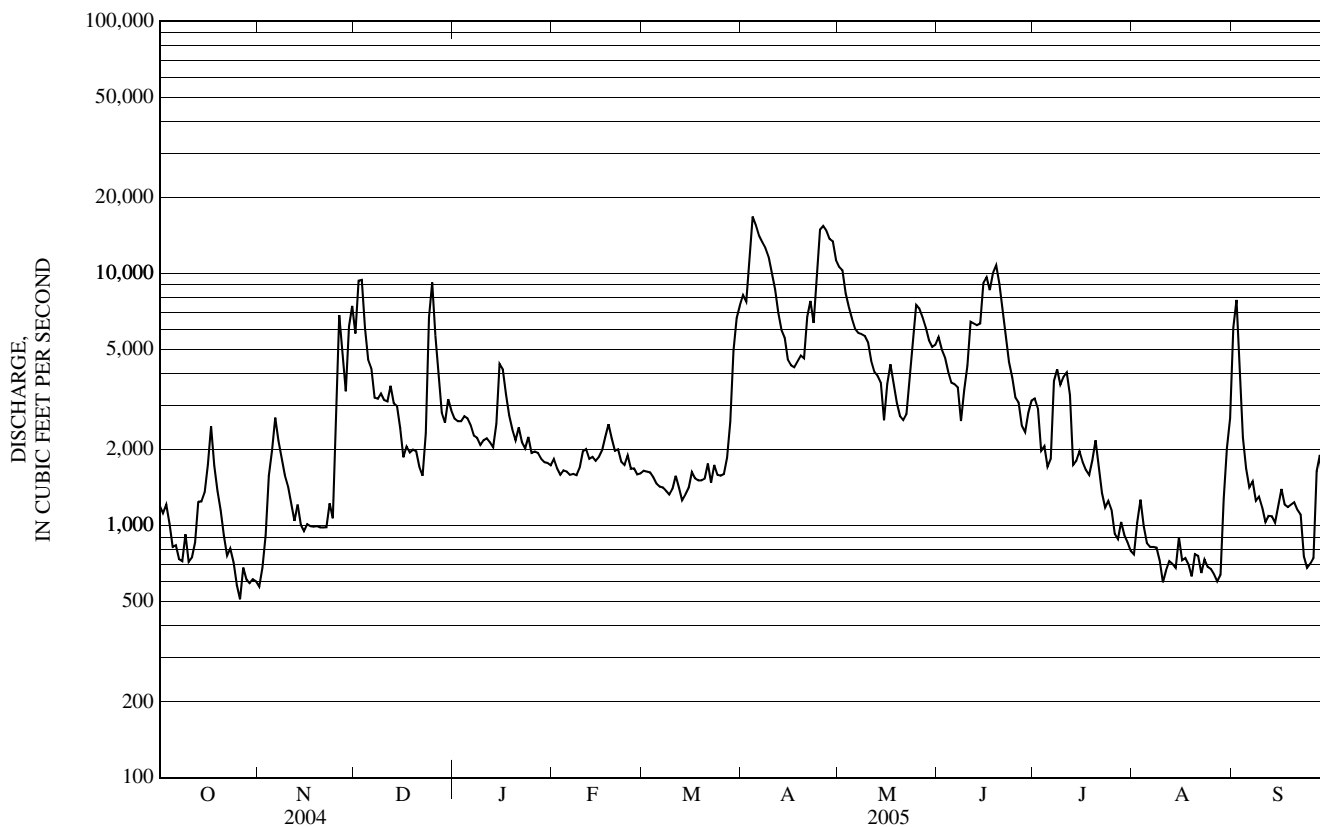
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 1978, 2002 - 2005, BY WATER YEAR (WY)

MEAN	1,795	2,389	2,452	2,117	2,039	3,420	7,077	4,992	2,557	1,572	1,314	1,461
MAX	5,919	7,416	7,193	5,085	4,834	15,650	12,960	9,898	7,709	7,938	3,133	6,810
(WY)	(1978)	(1928)	(2004)	(1978)	(1970)	(1936)	(1969)	(1937)	(1922)	(1973)	(1915)	(1938)
MIN	545	806	759	637	754	921	3,255	1,665	947	713	517	523
(WY)	(1962)	(1953)	(1948)	(2002)	(1940)	(1940)	(1957)	(1941)	(1964)	(1953)	(1965)	(2002)

01081500 MERRIMACK RIVER AT FRANKLIN JUNCTION, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1903-78, 2003-05	
ANNUAL TOTAL	893,990		1,160,607		2,765	
ANNUAL MEAN	2,443		3,180		4,184	
HIGHEST ANNUAL MEAN					1,381	
LOWEST ANNUAL MEAN					1,381	
HIGHEST DAILY MEAN	10,200	Apr 5	16,800	Apr 4	73,700	Mar 19, 1936
LOWEST DAILY MEAN	510	Oct 26	510	Oct 26	150	Oct 4, 1903
ANNUAL SEVEN-DAY MINIMUM	597	Oct 26	597	Oct 26	406	Oct 8, 1964
MAXIMUM PEAK FLOW			18,700	Apr 4	a 83,000	Mar 19, 1936
MAXIMUM PEAK STAGE			14.23	Apr 4	b 36.40	Mar 19, 1936
ANNUAL RUNOFF (CFSM)	1.62		2.11		1.83	
ANNUAL RUNOFF (INCHES)	22.07		28.65		24.93	
10 PERCENT EXCEEDS	5,370		7,300		5,840	
50 PERCENT EXCEEDS	1,680		1,960		1,790	
90 PERCENT EXCEEDS	854		759		868	

a From rating curve extended above 30,000 ft³/s as explained above.
 b From floodmarks.
 e Estimated



MERRIMACK RIVER BASIN

01082000 CONTOOCOOK RIVER AT PETERBOROUGH, NH

LOCATION.--Lat 42°51'45", long 71°57'35", Hillsborough County, Hydrologic Unit 01070003, on left bank, 1,200 ft downstream from mill dam, 0.3 mi northwest of Noone, 1.2 mi south of Town Hall in Peterborough, and 1.3 mi upstream from Nubanusit Brook.

DRAINAGE AREA.--68.1 mi².

PERIOD OF RECORD.--Discharge records: July 1945 to September 1977, October 2001 to current year. Partial-record station: October 1978 to September 2001. Peak streamflow: Water years 1938, 1946 to current. Water-quality discrete samples: Water years 1974 to 1977, 1985 to 1999. Miscellaneous discharge measurements only: Waters years 1978, 1980 to 1986, 1989 to 2001.

GAGE.--Water-stage recorder. Elevation of gage is 720 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated discharges, which are poor. Flow slightly regulated by mill and reservoirs upstream; regulation greater prior to 1965.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,210 ft³/s, April 2, 2004, gage height 6.13 ft; maximum gage height, 6.82 ft, from peak-stage indicator, about January 29, 1976 (ice jam); minimum daily discharge, 0.8 ft³/s, September 15, 16, 1953.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in September 1938 reached a stage of about 15 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 27	1215	ice jam	*6.16	Apr 24	1300	1,020	4.06
Mar 29	2015	907	3.89	May 26	1230	861	3.82
Apr 3	0830	*2,600	5.67				

Minimum daily discharge, 4.7 ft³/s, Sept. 29.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	122	36	328	123	e83	79	687	320	205	147	45	14
2	106	59	444	131	e81	82	820	281	161	273	62	12
3	98	54	330	116	e80	e95	1,970	254	143	226	56	12
4	86	29	241	197	e78	e45	1,350	217	126	163	47	12
5	72	108	189	193	e78	e85	880	189	111	120	41	12
6	64	97	154	168	e78	77	679	181	104	109	34	12
7	59	99	147	159	e78	58	573	154	122	103	30	12
8	52	90	172	143	e78	e100	532	240	106	104	27	12
9	40	87	191	e138	e80	e100	438	212	155	207	25	11
10	34	72	192	124	e120	e100	352	180	139	204	23	11
11	50	67	316	91	e195	e90	290	154	119	138	21	9.4
12	43	62	305	127	e170	83	242	134	102	109	19	8.0
13	30	59	250	112	e145	94	210	133	94	87	20	6.5
14	20	55	201	546	e120	e90	190	90	104	72	23	6.0
15	44	54	163	602	e140	85	154	107	78	80	70	5.7
16	95	53	133	406	e180	78	147	106	92	71	55	11
17	100	50	118	293	e280	e79	137	98	111	55	34	14
18	96	45	108	e200	232	77	132	95	126	70	35	17
19	107	35	107	e175	e180	75	112	104	145	67	30	17
20	111	44	92	e155	e150	77	108	89	120	65	27	9.3
21	83	60	e93	e135	129	83	143	87	111	49	26	28
22	69	73	e95	e115	120	91	138	130	79	45	23	11
23	68	50	e115	e110	111	102	184	164	81	42	20	9.7
24	60	62	379	e110	e110	105	833	254	45	37	19	9.0
25	53	113	309	e105	e100	91	699	477	48	32	18	8.5
26	59	118	226	e105	e98	94	459	725	48	30	33	8.8
27	43	112	e180	e102	e91	99	346	620	45	29	17	17
28	46	128	e145	e96	e79	e150	332	426	66	29	18	7.7
29	55	267	e145	e93	---	682	274	321	118	26	20	4.7
30	55	227	133	e91	---	855	243	259	157	25	15	22
31	50	---	108	e86	---	746	---	226	---	32	13	---
TOTAL	2,070	2,465	6,109	5,347	3,464	4,747	13,654	7,027	3,261	2,846	946	350.3
MEAN	66.8	82.2	197	172	124	153	455	227	109	91.8	30.5	11.7
MAX	122	267	444	602	280	855	1,970	725	205	273	70	28
MIN	20	29	92	86	78	45	108	87	45	25	13	4.7
CFSM	0.98	1.21	2.89	2.53	1.82	2.25	6.68	3.33	1.60	1.35	0.45	0.17
IN.	1.13	1.35	3.34	2.92	1.89	2.59	7.46	3.84	1.78	1.55	0.52	0.19

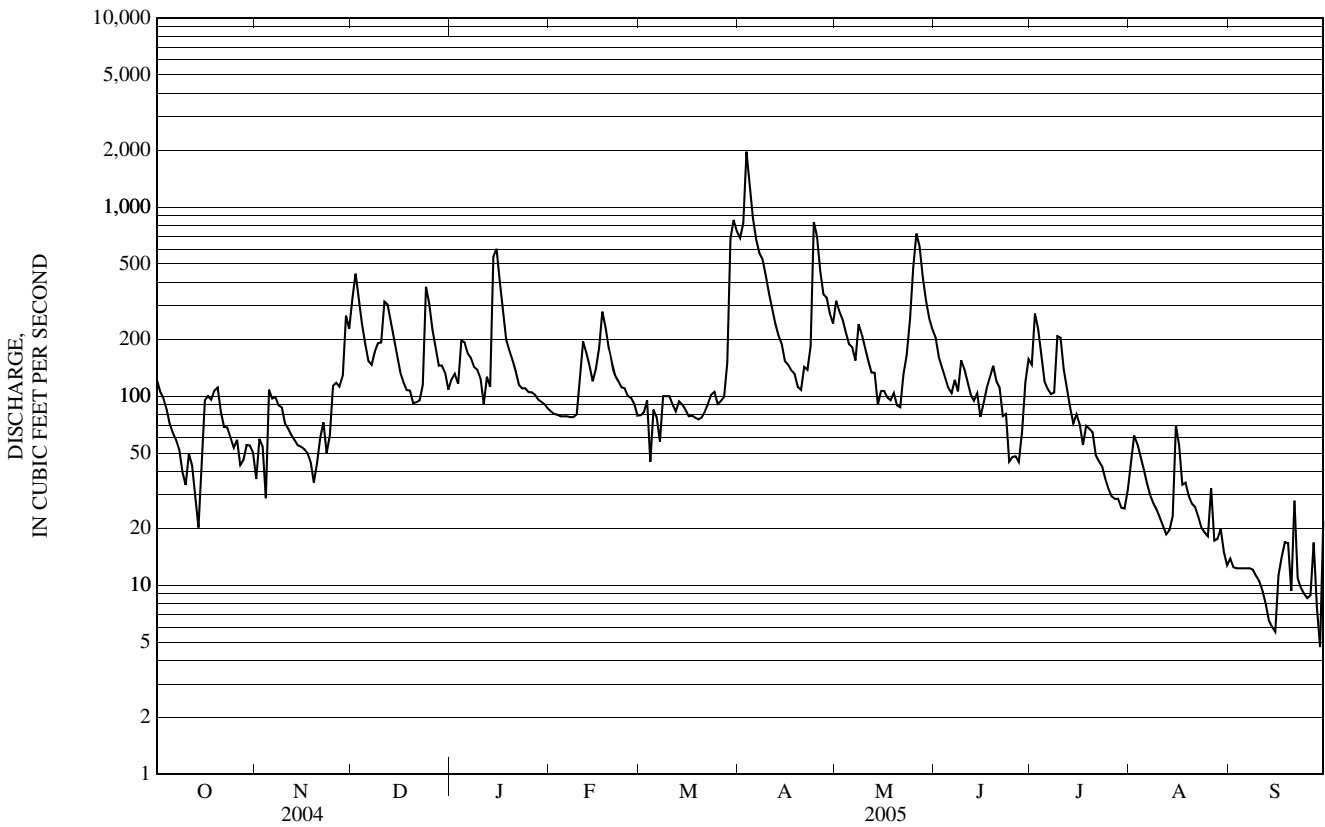
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 1977, 2002 - 2005, BY WATER YEAR (WY)

MEAN	53.8	98.2	122	108	111	199	339	165	93.1	44.1	37.3	42.1
MAX	266	317	335	306	334	419	601	294	215	120	127	203
(WY)	(1956)	(1956)	(1974)	(1956)	(1970)	(1953)	(1960)	(1967)	(1948)	(1973)	(1969)	(1954)
MIN	9.79	13.5	29.4	24.1	29.6	45.1	139	50.7	18.1	13.0	7.73	7.65
(WY)	(1964)	(1965)	(1965)	(1977)	(1965)	(1965)	(1965)	(1965)	(1964)	(1966)	(1957)	(2002)

01082000 CONTOOCOOK RIVER AT PETERBOROUGH, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1945-77, 2002-05	
ANNUAL TOTAL	45,710.5		52,286.3		117	
ANNUAL MEAN	125		143		184	
HIGHEST ANNUAL MEAN					184 1960	
LOWEST ANNUAL MEAN					34.1 1965	
HIGHEST DAILY MEAN	2,460	Apr 2	1,970	Apr 3	2,460	Apr 2, 2004
LOWEST DAILY MEAN	5.8	Aug 12	4.7	Sep 9	a 0.80	Sep 15, 1953
ANNUAL SEVEN-DAY MINIMUM	12	Aug 8	8.2	Sep 9	4.7	Sep 20, 1953
MAXIMUM PEAK FLOW			2,600	Apr 3	3,210	Apr 2, 2004
MAXIMUM PEAK STAGE			b 6.16	Jan 27	cd 6.82	Jan 29, 1976
ANNUAL RUNOFF (CFSM)	1.83		2.10		1.72	
ANNUAL RUNOFF (INCHES)	24.97		28.56		23.41	
10 PERCENT EXCEEDS	244		285		274	
50 PERCENT EXCEEDS	77		98		70	
90 PERCENT EXCEEDS	24		20		15	

- a Also occurred on September 16, 1953.
- b Ice jam.
- c From peak-stage indicator.
- d About. Ice jam.
- e Estimated.



01085500 CONTOOCOOK RIVER BELOW HOPKINTON DAM, AT WEST HOPKINTON, NH

LOCATION.--Lat 43° 11'34", long 71° 44'52", Merrimack County, Hydrologic Unit 01070003, on right bank, 400 ft downstream from covered bridge at West Hopkinton, 0.2 mi downstream from Hopkinton Dam, 2.6 mi southwest of State Highways 103 and 127 intersection in Contoocook, 3.6 mi west of State Highway 103 and US 202 intersection in Hopkinton, and 6.0 mi upstream from Warner River.

DRAINAGE AREA.--427 mi².

PERIOD OF RECORD.--Discharge records: August 1903 to April 1907 (monthly discharges only, no winter records, published as "at West Hopkinton"), August 1963 to September 1989, October 2001 to current year. Partial-record station: October 1989 to September 30, 2001. Peak streamflow: Water years 1964 to current year. Miscellaneous discharge measurements only: Water years 1990-2001. Water-quality discrete samples: Water years 1965, 1967 to 1970, 1975 to 1999.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 355 ft above National Geodetic Vertical Datum of 1929, from topographic map. August 1903 to April 1907, nonrecording gage at site 400 ft upstream at different datum.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Flow regulated by power plants and by Nubanusit Lake, Edward Macdowell Reservoir since 1950, Highland Lake, Lake Franklin Pierce, Hopkinton Lake since 1962 (Reservoirs in Merrimack River basin), and other reservoirs upstream. Diversion from Hopkinton Lake to Everett Lake on Piscataquog River during periods of high flow in March 1968, April 1969, March 1977, March 1979, May-June 1984, April 1987, April 1987, March-April 2003, and April 2005.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,530 ft³/s, April 8, 1987, gage height, 10.89 ft; minimum daily discharge, 15 ft³/s, July 22, 1965.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6,230 ft³/s, Apr. 6, gage height, 9.44 ft; minimum daily discharge, 54 ft³/s, Sep. 13, 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	433	440	1,550	971	787	605	2,990	2,170	1,620	939	171	248
2	394	306	2,380	785	753	594	1,430	2,110	1,330	951	291	221
3	394	302	2,320	934	685	616	1,160	1,840	1,070	1,000	238	134
4	378	244	2,120	1,030	696	639	1,420	1,620	832	908	205	89
5	345	394	1,640	1,260	674	553	3,240	1,420	822	743	194	93
6	381	616	1,350	1,160	652	490	5,670	1,280	768	733	182	84
7	363	795	1,150	1,010	633	499	5,110	913	661	848	167	79
8	367	715	1,040	e915	637	548	5,150	1,040	706	990	131	77
9	332	540	1,050	e787	573	613	5,200	1,110	634	1,450	135	74
10	252	466	1,090	804	672	679	4,950	1,050	599	1,310	121	68
11	233	456	1,330	815	1,070	639	4,620	885	612	1,180	107	60
12	307	431	1,670	791	1,120	609	4,170	811	634	974	101	55
13	339	410	1,600	779	1,020	580	3,110	717	506	734	129	54
14	251	408	1,390	930	912	583	1,970	646	572	621	134	54
15	260	381	1,200	2,050	847	568	1,820	614	617	682	223	57
16	595	407	1,180	2,470	942	559	1,400	585	575	466	252	61
17	726	397	1,080	1,970	1,100	546	1,170	605	690	469	254	67
18	607	420	921	1,740	1,280	551	1,170	579	843	377	285	72
19	354	399	828	1,400	1,320	551	866	591	1,110	450	263	70
20	332	376	e681	1,210	1,220	565	715	558	886	445	192	75
21	339	407	e584	1,090	1,110	591	780	527	846	286	184	105
22	327	402	e584	1,010	1,020	628	825	566	812	387	219	115
23	294	397	e681	1,070	937	690	886	725	771	356	244	111
24	285	411	1,750	1,090	816	691	1,780	1,140	554	292	203	85
25	289	541	2,250	1,030	721	675	3,030	2,040	485	220	193	56
26	360	813	1,860	971	676	672	3,640	2,830	445	199	223	55
27	266	721	1,280	904	632	694	3,180	3,610	348	189	109	99
28	281	717	1,260	848	594	802	2,740	3,750	241	167	106	138
29	357	1,400	1,240	839	---	2,030	2,680	2,890	388	174	117	140
30	272	1,680	1,180	853	---	3,450	2,340	2,510	816	160	122	107
31	336	---	1,140	818	---	3,960	---	1,990	---	169	235	---
TOTAL	11,049	16,392	41,379	34,334	24,099	26,470	79,212	43,722	21,793	18,869	5,730	2,803
MEAN	356	546	1,335	1,108	861	854	2,640	1,410	726	609	185	93.4
MAX	726	1,680	2,380	2,470	1,320	3,960	5,670	3,750	1,620	1,450	291	248
MIN	233	244	584	779	573	490	715	527	241	160	101	54

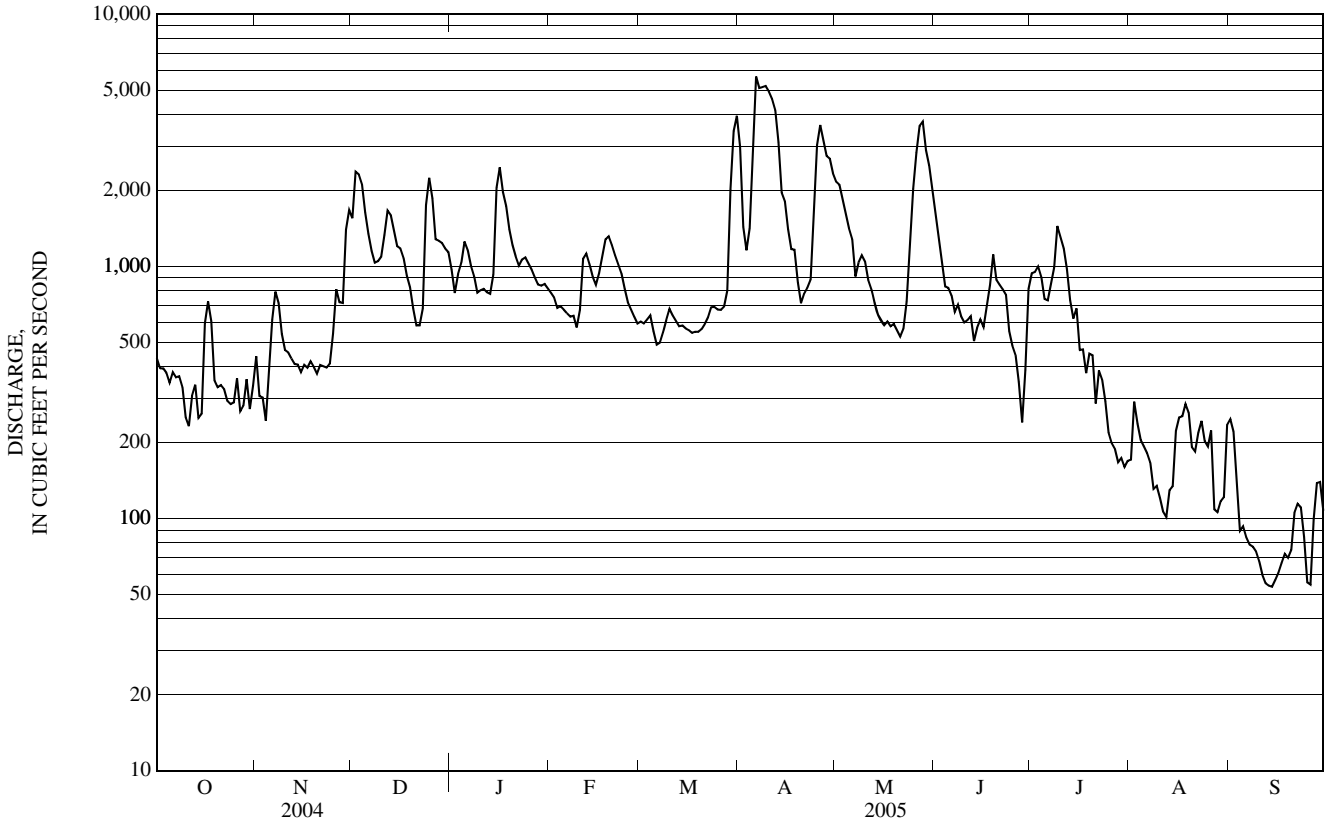
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 1989, 2002 - 2005, BY WATER YEAR (WY)

MEAN	353	592	790	584	686	1,227	2,009	1,002	561	282	218	211
MAX	1,415	1,322	1,856	1,555	2,016	2,724	3,596	1,839	1,468	1,036	798	611
(WY)	(1976)	(1976)	(1974)	(1978)	(1984)	(1979)	(1987)	(1972)	(1984)	(1973)	(1986)	(2004)
MIN	61.0	88.8	175	110	163	363	521	330	105	61.4	43.0	48.4
(WY)	(1965)	(1965)	(1965)	(1981)	(1977)	(1965)	(1985)	(1985)	(1964)	(1978)	(1983)	(1983)

01085500 CONTOOCCOOK RIVER BELOW HOPKINTON DAM, AT WEST HOPKINTON, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1963-89, 2002-05	
ANNUAL TOTAL	273,301		325,852			
ANNUAL MEAN	747		893		709	
HIGHEST ANNUAL MEAN					1,067	1973
LOWEST ANNUAL MEAN					229	1965
HIGHEST DAILY MEAN	5,760	Apr 5	5,670	Apr 6	7,500	Apr 9, 1987
LOWEST DAILY MEAN	56	Aug 12	a 54	Sep 13	15	Jul 22, 1965
ANNUAL SEVEN-DAY MINIMUM	82	Aug 9	58	Sep 11	24	Jul 12, 1965
MAXIMUM PEAK FLOW			6,230	Apr 6	7,530	Apr 8, 1987
MAXIMUM PEAK STAGE			9.44	Apr 6	10.89	Apr 8, 1987
10 PERCENT EXCEEDS	1,660		1,900		1,750	
50 PERCENT EXCEEDS	430		652		422	
90 PERCENT EXCEEDS	164		135		99	

a Also occurred on Sept. 14.
e Estimated.



MERRIMACK RIVER BASIN

01086000 WARNER RIVER AT DAVISVILLE, NH

LOCATION.--Lat 43° 15'03", long 71° 43'59", Merrimack County, Hydrologic Unit 01070003, on left bank, 60 ft downstream from bridge on State Highway 127 at Davisville, 2.2 mi northwest of State Highways 103 and 127 intersection in Contoocook, 2.3 mi upstream from mouth, and 4.8 mi southeast of Warner.

DRAINAGE AREA.--146 mi².

PERIOD OF RECORD.--Discharge records: October 1939 to September 1978, October 2001 to current year. Partial-record station: October 1998 to September 2001. Peak streamflow: Water years 1938, 1940 to 1978, 1999 to current. Water-quality discrete samples: Water years 1954, 1975 to 1978, 1999. Miscellaneous discharge measurements only: Water years 1991, 1999 to 2001.

REVISED RECORDS.--WSP 1901: 1960.

GAGE.--Water-stage recorder. Elevation of gage is 380 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to December 22, 1939, chain gage at bridge 60 ft upstream at same datum.

REMARKS.--Records good except those for estimated discharges, which are fair. Prior to 1948, slight diurnal fluctuation at low flow caused by mill upstream.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in September 1938 reached a stage of 12.8 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	1830	*3,640	*9.11	Apr 25	0015	1,620	7.22

Minimum discharge, 19 ft³/s, Sept. 25, 26, gage height, 3.30 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	53	485	271	151	161	1,260	775	390	623	76	159
2	68	51	823	273	146	159	1,340	696	337	422	91	174
3	66	60	725	258	141	149	2,820	584	288	325	105	118
4	65	68	574	291	139	141	3,140	498	246	254	80	84
5	59	141	464	322	140	139	2,260	436	212	206	63	66
6	54	170	383	284	140	137	1,700	384	184	194	53	56
7	51	149	325	270	140	133	1,410	348	174	623	47	48
8	48	125	304	255	143	137	1,310	371	152	582	42	41
9	46	107	322	e229	148	139	1,200	364	148	607	37	35
10	50	94	327	229	213	154	1,030	327	138	691	33	30
11	55	88	442	212	307	149	857	293	171	500	30	27
12	47	85	508	200	280	144	712	261	176	359	28	25
13	41	81	444	205	240	147	599	228	150	277	37	32
14	38	75	384	308	196	145	517	208	153	231	43	34
15	41	71	e310	674	220	143	451	198	252	202	65	31
16	111	70	e266	e530	284	143	400	215	259	173	98	33
17	154	68	e237	448	367	139	360	211	305	154	75	79
18	131	67	e216	e390	379	141	326	191	535	155	58	82
19	106	65	e190	e353	310	141	295	174	566	233	48	57
20	89	63	e171	e282	268	145	271	159	488	189	44	52
21	79	66	e149	e260	237	161	327	147	393	148	46	49
22	72	71	e164	e247	221	183	322	191	308	126	44	40
23	67	70	189	e242	210	208	316	255	244	119	39	29
24	64	70	542	e231	190	204	1,080	352	198	105	35	23
25	61	177	698	230	186	202	1,410	550	163	92	33	20
26	59	279	503	212	171	211	1,050	659	134	81	30	20
27	57	273	406	195	166	224	841	708	115	83	27	34
28	56	239	326	172	158	319	1,040	662	137	212	25	42
29	53	484	320	167	---	1,070	970	557	305	149	32	38
30	52	546	310	166	---	1,270	785	527	859	109	43	43
31	54	---	275	160	---	1,240	---	448	---	86	56	---
TOTAL	2,063	4,026	11,782	8,566	5,891	8,178	30,399	11,977	8,180	8,310	1,563	1,601
MEAN	66.5	134	380	276	210	264	1,013	386	273	268	50.4	53.4
MAX	154	546	823	674	379	1,270	3,140	775	859	691	105	174
MIN	38	51	149	160	139	133	271	147	115	81	25	20
CFSM	0.46	0.92	2.60	1.89	1.44	1.81	6.94	2.65	1.87	1.84	0.35	0.37
IN.	0.53	1.03	3.00	2.18	1.50	2.08	7.75	3.05	2.08	2.12	0.40	0.41

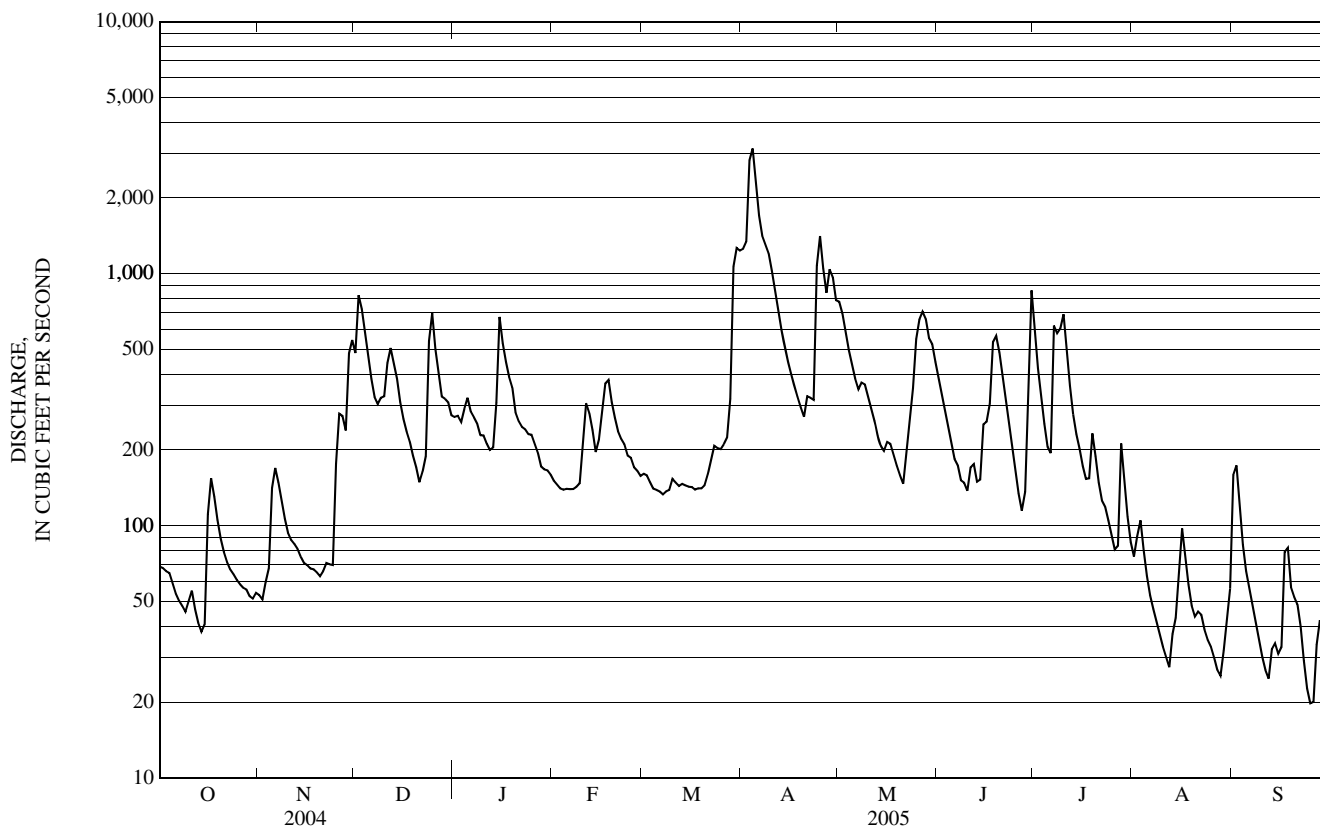
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1978, 2002 - 2005, BY WATER YEAR (WY)

MEAN	87.0	194	240	189	192	412	810	386	178	70.3	46.3	49.3
MAX	467	580	626	497	587	1,214	1,779	855	468	306	297	302
(WY)	(1978)	(1952)	(2004)	(1978)	(1970)	(1953)	(1969)	(1954)	(1940)	(1973)	(2003)	(1954)
MIN	6.37	19.5	49.0	44.0	40.3	60.1	298	112	30.5	9.80	3.74	6.00
(WY)	(1965)	(2002)	(1965)	(1940)	(1940)	(1940)	(1946)	(1941)	(1964)	(1965)	(1965)	(1965)

01086000 WARNER RIVER AT DAVISVILLE, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940-78, 2002-05	
ANNUAL TOTAL	80,300		102,536			
ANNUAL MEAN	219		281		237	
HIGHEST ANNUAL MEAN					366 1960	
LOWEST ANNUAL MEAN					82.0 1965	
HIGHEST DAILY MEAN	2,630	Apr 2	3,140	Apr 4	3,980	Mar 27, 1953
LOWEST DAILY MEAN	21	Sep 7	20	Sep 25	2.8	Aug 7, 1965
ANNUAL SEVEN-DAY MINIMUM	25	Sep 2	29	Sep 23	3.3	Aug 14, 1965
MAXIMUM PEAK FLOW			3,640	Apr 3	4,510	Mar 27, 1953
MAXIMUM PEAK STAGE			9.11	Apr 3	9.88	Aug 17, 1965
INSTANTANEOUS LOW FLOW			a 19	Sep 25	b 2.6	Aug 17, 1965
ANNUAL RUNOFF (CF5M)	1.50		1.92		1.63	
ANNUAL RUNOFF (INCHES)	20.46		26.13		22.09	
10 PERCENT EXCEEDS	481		602		590	
50 PERCENT EXCEEDS	122		174		120	
90 PERCENT EXCEEDS	46		44		19	

a Also occurred on Sep. 26.
 b Also occurred on Aug. 18, 1965.
 c Estimated.



01089100 SOUCCOOK RIVER AT PEMBROKE ROAD NEAR CONCORD, NH

LOCATION.--Lat 43° 12'49", long 71° 28'51"(revised), Merrimack County, Hydrologic Unit 01070002, on left bank, 100 ft upstream from Pembroke Road bridge, 550 ft upstream from Frenchs Brook, 770 ft east of NH 106 and Pembroke Road intersection, 2.9 mi downstream from US 4/202 and NH 9 bridges, 2.9 mi east of Bridge Street (NH 9), Main Street (US 3) and Center Street intersection in Concord, 4.7 mi southwest of Main Street, Center Road, and Canterbury Road intersection in Chichester..

DRAINAGE AREA.--81.9 mi².

PERIOD OF RECORD.--Discharge records: March 1988 to current year. Records for October 1951 to September 1987, at site 3.1 mi upstream, published "near Concord" (station 01089000) are not equivalent because of difference in drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 265 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Records affected by the annual drawdown event at Shellcamp Pond 21.5 mi upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	2330	1,080	8.81	Apr 4	0130	*1,930	*10.84

Minimum discharge, 11 ft³/s, Sept. 12, 13, 14, 15, gage height, 3.70 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	49	244	141	e87	89	703	389	233	300	43	31
2	44	47	466	135	e85	90	678	365	197	216	42	32
3	42	51	337	129	e82	e88	1,390	335	168	162	36	25
4	44	57	254	160	e82	e85	1,610	278	142	127	31	21
5	41	110	208	176	e82	e84	942	238	122	105	29	18
6	37	127	180	148	81	e76	660	208	105	93	26	17
7	34	96	155	139	80	75	527	194	106	116	24	16
8	31	80	161	125	80	82	475	233	98	106	22	15
9	31	67	181	e115	82	e113	425	228	145	223	21	14
10	30	59	182	123	129	e110	353	193	131	238	20	13
11	28	54	307	112	e185	e88	304	169	167	158	19	12
12	31	53	332	106	e170	82	268	152	153	114	18	12
13	49	52	278	109	143	82	238	131	277	94	31	12
14	44	48	234	e180	e119	82	218	116	258	98	24	11
15	55	46	e187	e350	145	82	196	111	391	146	29	12
16	136	45	e165	e292	e215	84	178	121	308	110	34	30
17	150	45	e144	e216	e270	e84	165	117	301	89	24	32
18	107	44	e127	e180	e280	87	150	108	583	81	22	31
19	88	43	e113	e152	e213	91	134	102	483	84	19	25
20	76	42	110	e121	e184	e100	122	96	337	95	18	21
21	67	44	e105	e117	e159	112	214	89	248	78	18	20
22	56	47	e118	e113	143	132	233	142	204	63	18	18
23	51	46	133	e109	128	155	215	183	178	59	16	16
24	46	46	446	e107	e122	148	488	326	146	50	16	15
25	43	105	416	e104	e110	153	589	423	121	44	17	14
26	42	146	297	e102	e108	168	414	441	102	40	14	14
27	39	112	225	e101	e100	174	321	443	88	38	14	29
28	37	104	187	e99	e88	274	391	345	97	82	13	29
29	35	284	188	e96	---	859	381	277	350	70	17	24
30	35	251	160	e93	---	954	310	327	555	54	25	29
31	43	---	142	e89	---	796	---	284	---	46	26	---
TOTAL	1,638	2,400	6,782	4,339	3,752	5,679	13,292	7,164	6,794	3,379	726	608
MEAN	52.8	80.0	219	140	134	183	443	231	226	109	23.4	20.3
MAX	150	284	466	350	280	954	1,610	443	583	300	43	32
MIN	28	42	105	89	80	75	122	89	88	38	13	11
CFSM	0.65	0.98	2.67	1.71	1.64	2.24	5.41	2.82	2.77	1.33	0.29	0.25
IN.	0.74	1.09	3.08	1.97	1.70	2.58	6.04	3.25	3.09	1.53	0.33	0.28

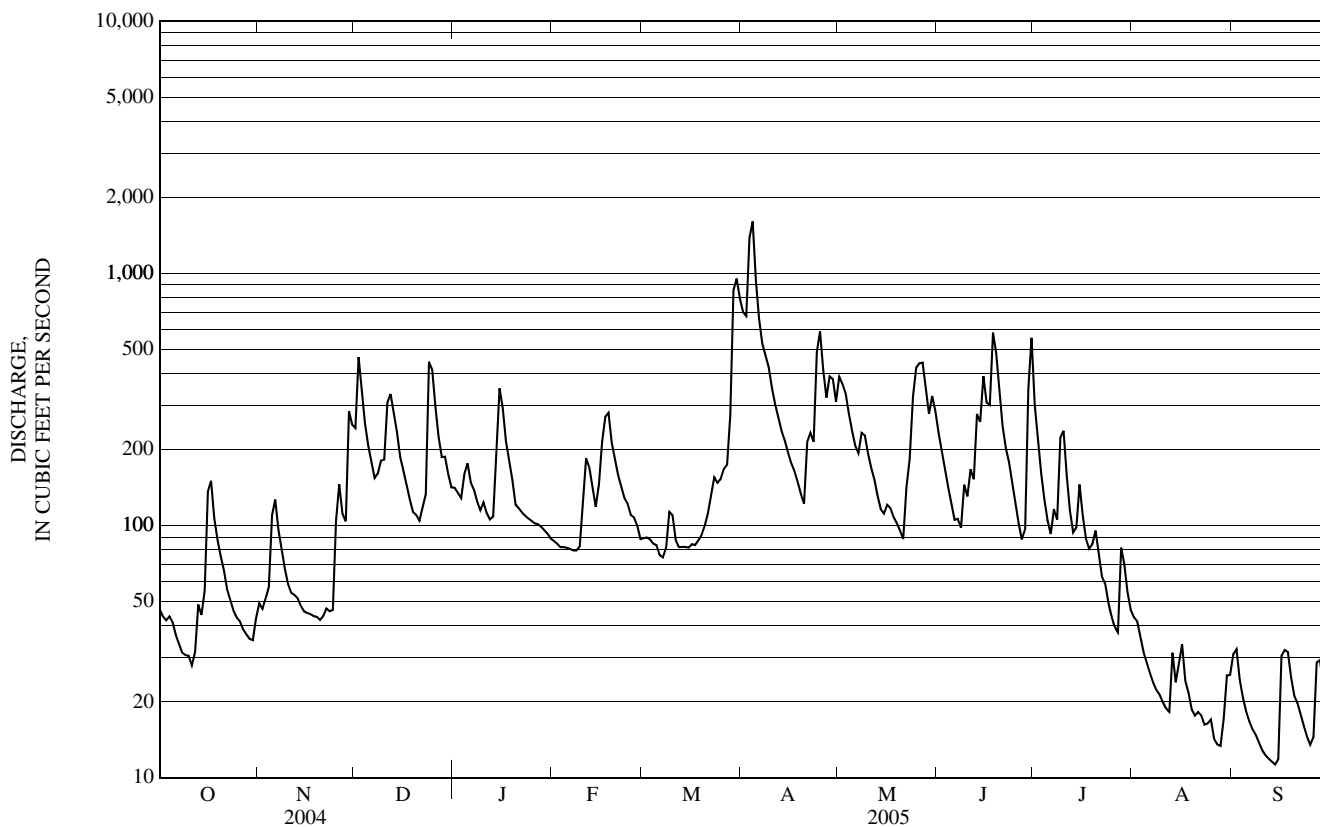
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	74.7	118	143	118	113	219	290	168	106	44.5	40.6	38.6
MAX	168	289	368	420	350	417	463	333	441	127	126	140
(WY)	(1992)	(1996)	(1997)	(1996)	(1996)	(1998)	(2001)	(1996)	(1998)	(1998)	(2003)	(1999)
MIN	12.7	12.7	26.5	20.9	34.6	111	120	55.5	16.1	11.6	7.86	8.33
(WY)	(1998)	(2002)	(2002)	(2002)	(1993)	(2004)	(1999)	(1999)	(1999)	(1993)	(2002)	(1995)

01089100 SOUHOOK RIVER AT PEMBROKE ROAD NEAR CONCORD, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	45,452		56,553		123	
ANNUAL MEAN	124		155		198	
HIGHEST ANNUAL MEAN					1996	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	1,280	Apr 2	1,610	Apr 4	2,020	Apr 17, 1996
LOWEST DAILY MEAN	19	Aug 11	11	Sep 14	5.8	Aug 28, 2002
ANNUAL SEVEN-DAY MINIMUM	22	Aug 8	12	Sep 9	6.2	Aug 17, 2002
MAXIMUM PEAK FLOW			1,930	Apr 4	2,320	Apr 17, 1996
MAXIMUM PEAK STAGE			10.84	Apr 4	11.59	Apr 17, 1996
INSTANTANEOUS LOW FLOW			a 11	Sep 12	4.9	Aug 29, 2002
ANNUAL RUNOFF (CFSM)	1.52		1.89		1.50	
ANNUAL RUNOFF (INCHES)	20.64		25.69		20.43	
10 PERCENT EXCEEDS	263		333		282	
50 PERCENT EXCEEDS	77		108		74	
90 PERCENT EXCEEDS	31		23		15	

e Also occurred on Sep. 13-15.
 e Estimated.



01092000 MERRIMACK RIVER NEAR GOFFS FALLS, BELOW MANCHESTER, NH

LOCATION.--Lat 42° 56' 53", long 71° 27' 50", Hillsborough County, Hydrologic Unit 01070002, on right bank, 600 ft upstream from bridge on Interstate Highway 293, 0.8 mi downstream from Bowman Brook, 1.3 mi north of Goffs Falls, 2.2 mi downstream from Piscataquog River, and 3.0 mi south of Manchester City Hall on Elm Street.

DRAINAGE AREA.--3,092 mi².

PERIOD OF RECORD.--Discharge records: October 1936 to current year. October 1936 monthly discharge only, published in WSP 1301.

REVISED RECORDS.--WSP 1231: 1937. WSP 1271: 1937(M, m).

GAGE.--Water-stage recorder. Datum of gage is 109.27 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good except those for estimated daily discharges which are poor. Flow regulated by power plants, by Franklin Falls Reservoir since 1942, and by Squam, Newfound, Winnepesaukee, Winnisquam, and other lakes and reservoirs upstream.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge since at least 1722, 150,000 ft³/s, March 20, 1936, gage height, 35.19 ft, from floodmarks, from rating curve extended above 48,000 ft³/s on basis of computation of flow over dam at gage heights 25.87 ft and 35.19 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 34,600 ft³/s, Apr. 4, gage height, 11.61 ft; minimum daily discharge, 1,010 ft³/s, Aug. 28.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,270	1,940	11,800	6,050	3,720	3,770	20,900	19,400	11,500	7,650	1,800	3,900
2	2,640	1,680	13,800	5,780	3,930	3,760	20,000	18,900	10,600	7,330	1,820	8,100
3	2,790	2,010	17,200	5,880	3,570	3,660	24,200	16,900	8,910	6,080	2,150	6,950
4	2,910	2,450	14,400	6,040	3,560	3,510	33,400	14,200	7,830	5,000	2,100	3,820
5	2,330	3,630	10,900	6,340	3,560	3,410	30,800	12,500	6,850	4,780	1,940	2,670
6	1,930	4,090	8,530	6,550	3,630	3,370	29,900	10,900	6,470	3,800	1,500	2,270
7	2,160	4,920	7,660	6,040	3,740	3,360	29,100	10,100	6,210	4,730	1,640	2,100
8	1,720	3,870	6,650	5,510	3,650	3,610	27,500	9,870	5,810	7,040	1,350	1,840
9	1,870	3,840	6,590	4,940	3,590	e3,150	26,000	10,100	4,830	8,170	1,280	1,730
10	2,070	3,050	6,930	5,180	4,010	3,510	24,100	9,570	5,460	8,530	1,450	1,970
11	1,720	2,300	7,780	4,790	5,390	3,970	21,500	8,690	7,160	8,050	1,020	1,730
12	1,750	2,640	9,090	4,510	5,370	3,750	19,300	7,440	8,930	7,170	1,170	1,230
13	1,900	2,530	8,710	4,960	5,080	3,600	16,300	6,690	9,250	5,680	1,380	1,260
14	2,360	2,630	7,930	5,450	4,630	3,640	13,600	6,120	8,990	3,820	1,430	1,430
15	2,300	2,080	6,920	8,430	4,960	3,520	11,300	5,920	10,500	4,610	1,650	1,590
16	3,200	2,090	6,020	10,400	5,510	3,490	9,270	4,920	13,800	4,160	2,110	2,190
17	4,440	2,390	5,460	9,460	6,490	3,660	8,380	6,170	13,200	3,280	1,390	1,900
18	4,300	2,130	5,050	e8,100	6,910	3,580	7,910	6,220	15,100	3,560	1,530	1,770
19	3,590	2,140	4,730	e6,800	6,530	3,630	7,980	5,500	16,500	3,290	1,400	1,680
20	2,730	2,200	4,680	5,920	6,100	3,500	7,360	4,390	16,000	3,740	1,300	1,900
21	2,750	2,250	e4,000	e5,300	5,290	3,810	7,900	4,290	12,900	3,720	1,480	1,770
22	2,240	2,170	4,040	e5,100	5,020	4,180	11,400	5,000	10,300	3,020	1,430	1,740
23	2,110	2,290	4,210	4,700	4,930	4,230	11,000	6,290	8,270	2,470	1,250	1,640
24	2,160	2,460	7,150	e4,250	4,350	4,590	13,800	8,290	7,110	2,500	1,330	1,070
25	1,750	3,300	15,100	4,600	4,520	4,390	22,000	13,600	5,990	2,490	1,300	1,070
26	1,770	6,400	13,800	4,470	3,970	4,440	25,200	17,100	5,000	1,920	1,280	1,140
27	1,770	8,440	9,760	e4,250	3,930	4,600	24,900	17,500	5,090	1,920	1,250	1,720
28	1,830	6,610	e7,400	e4,100	3,690	5,820	23,900	16,600	4,050	1,990	1,010	2,540
29	1,850	7,330	6,800	e3,900	---	12,800	23,300	15,000	5,150	2,330	1,170	2,400
30	1,710	12,700	6,360	e3,900	---	18,900	21,400	13,500	8,050	2,050	2,620	2,180
31	1,880	---	6,470	e3,900	---	20,700	---	12,600	---	1,900	3,240	---
TOTAL	72,800	108,560	255,920	175,600	129,630	159,910	573,600	324,270	265,810	136,780	48,770	69,300
MEAN	2,348	3,619	8,255	5,665	4,630	5,158	19,120	10,460	8,860	4,412	1,573	2,310
MAX	4,440	12,700	17,200	10,400	6,910	20,700	33,400	19,400	16,500	8,530	3,240	8,100
MIN	1,710	1,680	4,000	3,900	3,560	3,150	7,360	4,290	4,050	1,900	1,010	1,070

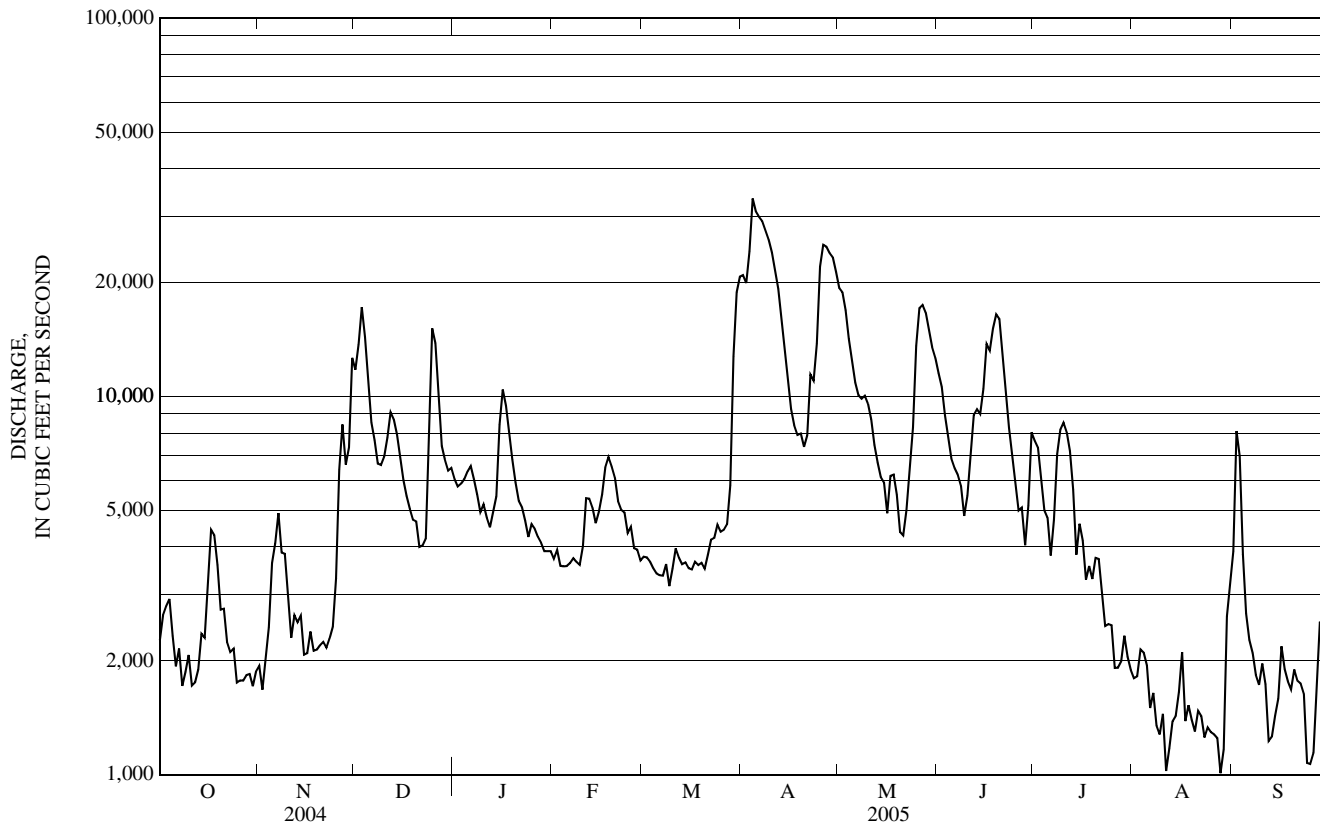
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

MEAN	3,023	4,686	5,364	4,506	4,641	7,901	14,050	8,643	4,583	2,454	1,985	2,131
MAX	10,380	12,910	13,690	10,840	11,370	18,240	25,660	18,250	16,480	11,470	8,576	14,500
(WY)	(1978)	(1996)	(1984)	(1978)	(1970)	(1953)	(1969)	(1954)	(1984)	(1973)	(1990)	(1938)
MIN	771	1,320	1,458	1,265	1,354	2,141	4,612	3,059	1,354	808	781	745
(WY)	(1965)	(2002)	(1979)	(2002)	(1980)	(1940)	(1995)	(1957)	(1964)	(1991)	(2002)	(1957)

01092000 MERRIMACK RIVER NEAR GOFFS FALLS, BELOW MANCHESTER, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1937 - 2005	
ANNUAL TOTAL	1,882,396		2,320,950			
ANNUAL MEAN	5,143		6,359		5,305	
HIGHEST ANNUAL MEAN					8,400	1984
LOWEST ANNUAL MEAN					2,248	1965
HIGHEST DAILY MEAN	27,300	Apr 2	33,400	Apr 4	94,800	Sep 23, 1938
LOWEST DAILY MEAN	936	Aug 11	1,010	Aug 28	98	Oct 11, 1964
ANNUAL SEVEN-DAY MINIMUM	1,390	Aug 7	1,230	Aug 23	394	Sep 25, 1964
MAXIMUM PEAK FLOW			34,600	Apr 4	a 102,000	Sep 23, 1938
MAXIMUM PEAK STAGE			11.61	Apr 4	25.87	Sep 23, 1938
10 PERCENT EXCEEDS	10,700		13,800		12,100	
50 PERCENT EXCEEDS	3,400		4,440		3,410	
90 PERCENT EXCEEDS	1,930		1,720		1,200	

a From rating curve extended above 48,000 ft³/s as explained above.
 e Estimated.



MERRIMACK RIVER BASIN

01094000 SOUHEGAN RIVER AT MERRIMACK, NH

LOCATION.--Lat 42° 51'27", long 71° 30'24", Hillsborough County, Hydrologic Unit 01070002, on left bank, at head of Wildcat Falls, 0.6 mi upstream from south bound bridge on Everett Turnpike, 0.9 mi southwest of Merrimack Town Hall, 1.3 mi upstream from mouth, 1.7 mi northwest of Litchfield Town Hall.

DRAINAGE AREA.--171 mi².

PERIOD OF RECORD.--Discharge records: July 1909 to September 1976, October 2001 to current year. Partial-record station: October 1976 to September 2001. Peak streamflow: Water years 1910 to 1976, 1980, 1982 to current. Water-quality discrete samples: Water years 1953, 1967 to 1976, 1979 to 1984, 1986, 1987, 1989 to 1999. Miscellaneous discharge measurements only: Water years 1979 to 1984, 1986 to 1987, 1989 to 2001.

REVISED RECORDS.--WSP 431: 1909-14. WSP 726: Drainage area. WSP 781: 1924(M). WSP 1231: 1914-15(M), 1917(M), 1919-23(M), 1927-28(M), 1929, 1930-34(M).

GAGE.--Water-stage recorder. Datum of gage is 160.58 ft above National Geodetic Vertical Datum of 1929. Prior to April 12, 1911, nonrecording gage at site 300 ft downstream at datum 0.38 ft lower. April 12, 1911 to October 14, 1913, nonrecording gage at present site and datum.

REMARKS.--Records good except those for periods of estimated daily discharge, which are poor. Slight diurnal fluctuation at times caused by mill upstream. Diversion to Pennichuck Brook basin for municipal supply of Nashua during periods of low flow from August 1965 to October 1966, July 1969 to November 1971, October 1972, October 1973, July to September 1974, June to August 1975, June to September 1976. High flow slightly affected by retarding reservoirs since 1963.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,900 ft³/s, March 19, 1936, gage height, 16.2 ft, from rating curve extended above 7,300 ft³/s on basis of velocity-area studies and computation of flow over dam at gage height 12.78 ft; minimum discharge, 3.8 ft³/s, August 17, September 8, October 1, 1965. Stage and discharge from the flood of March 19, 1936, are the greatest since 1830.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,250 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	0530	2,600	6.85	Apr 4	0230	*3,580	*7.81

Minimum discharge, 21 ft³/s, on several days, gage height, 2.10 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	253	131	579	327	240	271	1,630	909	666	230	81	41
2	218	114	958	e350	e240	264	1,610	832	552	204	125	39
3	191	111	739	e325	225	244	2,610	727	460	177	130	35
4	175	107	583	447	223	226	3,110	628	390	154	97	31
5	147	167	472	552	227	215	2,110	546	341	135	84	28
6	125	210	388	470	230	221	1,650	483	312	139	74	28
7	120	170	343	423	e235	227	1,390	467	308	150	59	27
8	113	153	461	378	e230	e250	1,250	637	288	150	51	27
9	111	136	622	e380	241	e270	1,110	596	345	394	48	25
10	101	127	570	333	361	e325	963	511	381	487	44	24
11	89	124	961	309	670	e305	828	450	313	342	42	23
12	83	122	1,000	294	574	286	708	393	263	246	40	22
13	82	117	779	294	456	290	602	347	242	199	40	22
14	89	111	646	e560	367	271	526	320	227	153	41	22
15	116	112	523	e1,250	439	258	462	304	223	137	54	24
16	214	113	e440	e879	602	245	410	297	231	120	75	31
17	e270	104	387	e712	846	246	386	284	262	107	75	34
18	e230	94	338	e545	782	266	354	266	314	95	68	36
19	e200	107	e305	e425	565	269	329	264	291	176	63	33
20	e200	114	e280	e390	472	278	309	261	258	170	59	29
21	177	119	234	e355	392	303	431	252	225	130	49	27
22	143	131	243	e325	380	334	486	315	198	109	42	24
23	132	124	292	293	365	406	454	416	167	95	39	22
24	144	118	795	291	312	391	1,280	584	144	82	55	21
25	142	175	e800	299	309	372	1,750	1,070	131	86	41	21
26	121	261	e600	298	272	384	1,200	1,430	110	94	36	21
27	105	234	e465	282	274	394	965	1,660	108	69	34	25
28	105	216	e400	255	257	545	1,070	1,190	104	75	31	24
29	124	600	e375	257	---	1,760	923	933	124	80	33	24
30	102	594	e340	e264	---	2,410	759	856	299	69	35	28
31	100	---	e330	237	---	1,900	---	798	---	64	39	---
TOTAL	4,522	5,116	16,248	12,799	10,786	14,426	31,665	19,026	8,277	4,918	1,784	818
MEAN	146	171	524	413	385	465	1,056	614	276	159	57.5	27.3
MAX	270	600	1,000	1,250	846	2,410	3,110	1,660	666	487	130	41
MIN	82	94	234	237	223	215	309	252	104	64	31	21
CFSM	0.85	1.00	3.07	2.41	2.25	2.72	6.17	3.59	1.61	0.93	0.34	0.16
IN.	0.98	1.11	3.53	2.78	2.35	3.14	6.89	4.14	1.80	1.07	0.39	0.18

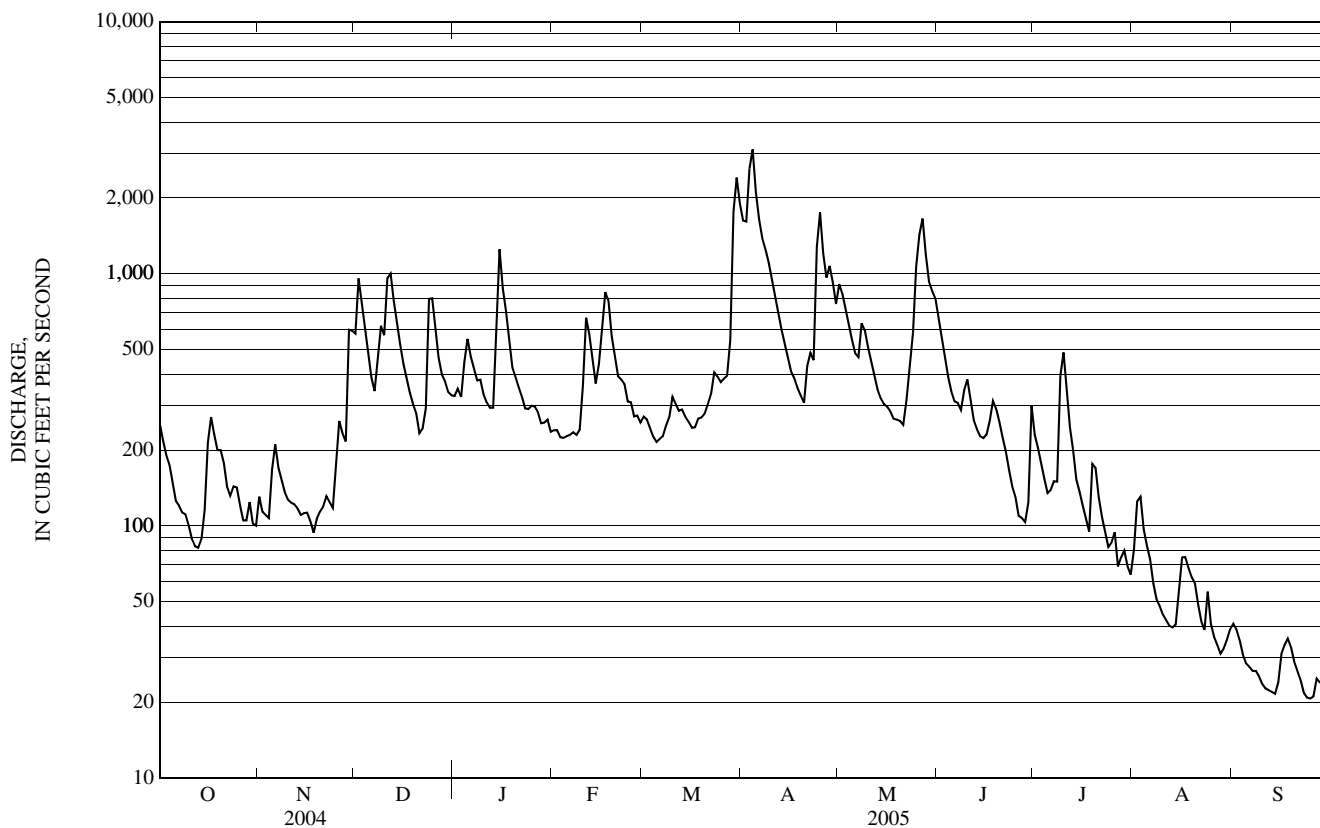
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 1976, 2002 - 2005, BY WATER YEAR (WY)

MEAN	108	224	291	269	270	621	780	385	215	101	77.8	88.3
MAX	718	824	849	752	825	2,278	1,664	916	664	405	769	799
(WY)	(1956)	(1956)	(1974)	(1956)	(1970)	(1936)	(1933)	(1954)	(1968)	(1938)	(1915)	(1938)
MIN	15.8	25.2	45.1	25.3	50.9	155	276	140	45.4	18.8	8.27	10.6
(WY)	(1965)	(1965)	(1930)	(1925)	(1911)	(1940)	(1927)	(1911)	(1964)	(1966)	(1966)	(1965)

01094000 SOUHEGAN RIVER AT MERRIMACK, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1909-76, 2002-05	
ANNUAL TOTAL	112,393		130,385			
ANNUAL MEAN	307		357		286	
HIGHEST ANNUAL MEAN					430 1956	
LOWEST ANNUAL MEAN					97.9 1965	
HIGHEST DAILY MEAN	4,570	Apr 2	3,110	Apr 4	14,200	Mar 19, 1936
LOWEST DAILY MEAN	a 37	Aug 11	b 23	Sep 24	4.0	Sep 8, 1965
ANNUAL SEVEN-DAY MINIMUM	40	Sep 2	23	Sep 22	4.8	Sep 26, 1965
MAXIMUM PEAK FLOW			3,580	Apr 4	c 16,900	Mar 19, 1936
MAXIMUM PEAK STAGE			7.81	Apr 4	16.20	Mar 19, 1936
INSTANTANEOUS LOW FLOW			d 21	Sep 14	f 3.8	Aug 17, 1965
ANNUAL RUNOFF (CFSM)	1.80		2.09		1.67	
ANNUAL RUNOFF (INCHES)	24.45		28.36		22.70	
10 PERCENT EXCEEDS	634		796		692	
50 PERCENT EXCEEDS	175		257		153	
90 PERCENT EXCEEDS	60		40		32	

- a Also occurred on September 6 and 7, 2004.
- b Also occurred on September 25 and 26.
- c From rating curve extended above 7,300 ft³/s as explained above.
- d Also occurred on September 15 and 23-26.
- e Estimated.
- f Also occurred on September 8 and October 1, 1965.



010965852 BEAVER BROOK AT NORTH PELHAM, NH

LOCATION.--Lat 42°46'58", long 71°21'15", Rockingham County, Hydrologic Unit 01070002, on right bank, 10 ft downstream from State Highway 128 bridge at the Windham-Pelham town line, 0.7 mi north of North Pelham, 1.3 mi south of State Highways 128 and 111 intersection in West Windham, and 4.7 mi north of Pelham.

DRAINAGE AREA.--47.8 mi².

PERIOD OF RECORD.--Discharge records: October 1986 to current year. Peak streamflow: Water years 1987 to current year. Water-quality discrete samples: Water years 1988 to 2000.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 150 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Some regulation at low- and medium-flows.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	2100	*675	*9.88	May 26	2245	521	9.21
Apr 3	2045	553	9.36				

Minimum discharge, 3.1 ft³/s, Sept. 15, 25, 26, gage height, 5.49 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48	24	127	73	e61	69	381	177	211	62	19	14
2	42	20	196	76	e60	69	345	167	181	52	31	12
3	41	21	170	74	60	e65	478	157	149	41	22	8.7
4	36	25	132	110	62	e60	508	135	121	32	18	6.9
5	32	55	106	122	62	e60	410	113	106	28	15	5.9
6	25	58	86	109	61	e57	305	99	86	26	13	5.6
7	23	47	89	104	61	57	244	112	76	25	11	5.0
8	21	43	124	94	61	70	214	160	67	26	10	4.6
9	20	38	123	e89	61	e80	189	144	74	95	11	4.3
10	21	33	113	83	119	e90	160	129	70	94	12	4.0
11	20	41	170	77	194	e90	140	108	64	67	8.6	e3.7
12	25	40	182	72	169	80	132	92	55	49	7.8	e3.7
13	9.2	36	156	72	150	81	123	76	50	38	7.6	e3.6
14	12	32	130	171	119	80	108	70	64	32	8.1	e3.6
15	17	29	106	327	150	76	99	67	65	28	20	3.9
16	59	27	e85	e260	190	78	89	71	59	23	19	4.3
17	63	26	75	211	243	82	81	68	72	21	15	4.5
18	48	25	68	e130	224	83	74	64	79	20	12	6.3
19	43	24	63	e100	186	87	68	63	67	20	9.9	6.0
20	42	23	60	e95	163	95	65	57	57	22	8.6	5.1
21	39	19	e55	e84	119	108	90	53	49	20	8.0	4.8
22	35	15	57	e75	110	118	90	108	41	17	7.2	4.3
23	29	15	63	e75	100	130	89	133	37	20	6.6	3.9
24	25	17	167	e76	e90	129	159	184	32	18	6.6	3.6
25	24	37	151	e82	84	127	180	301	30	14	7.6	3.4
26	23	37	124	e80	e80	130	161	450	28	13	8.3	3.5
27	19	34	98	e75	e80	131	148	489	25	16	6.3	4.7
28	17	41	e93	e71	e75	200	180	383	24	36	5.3	9.9
29	12	133	88	e70	---	571	166	280	30	24	7.9	7.0
30	20	113	75	e68	---	622	141	258	104	18	15	8.1
31	21	---	69	e64	---	488	---	234	---	17	11	---
TOTAL	911.2	1,128	3,401	3,269	3,194	4,263	5,617	5,002	2,173	1,014	368.4	168.9
MEAN	29.4	37.6	110	105	114	138	187	161	72.4	32.7	11.9	5.63
MAX	63	133	196	327	243	622	508	489	211	95	31	14
MIN	9.2	15	55	64	60	57	65	53	24	13	5.3	3.4
CFSM	0.61	0.79	2.30	2.21	2.39	2.88	3.92	3.38	1.52	0.68	0.25	0.12
IN.	0.71	0.88	2.65	2.54	2.49	3.32	4.37	3.89	1.69	0.79	0.29	0.13

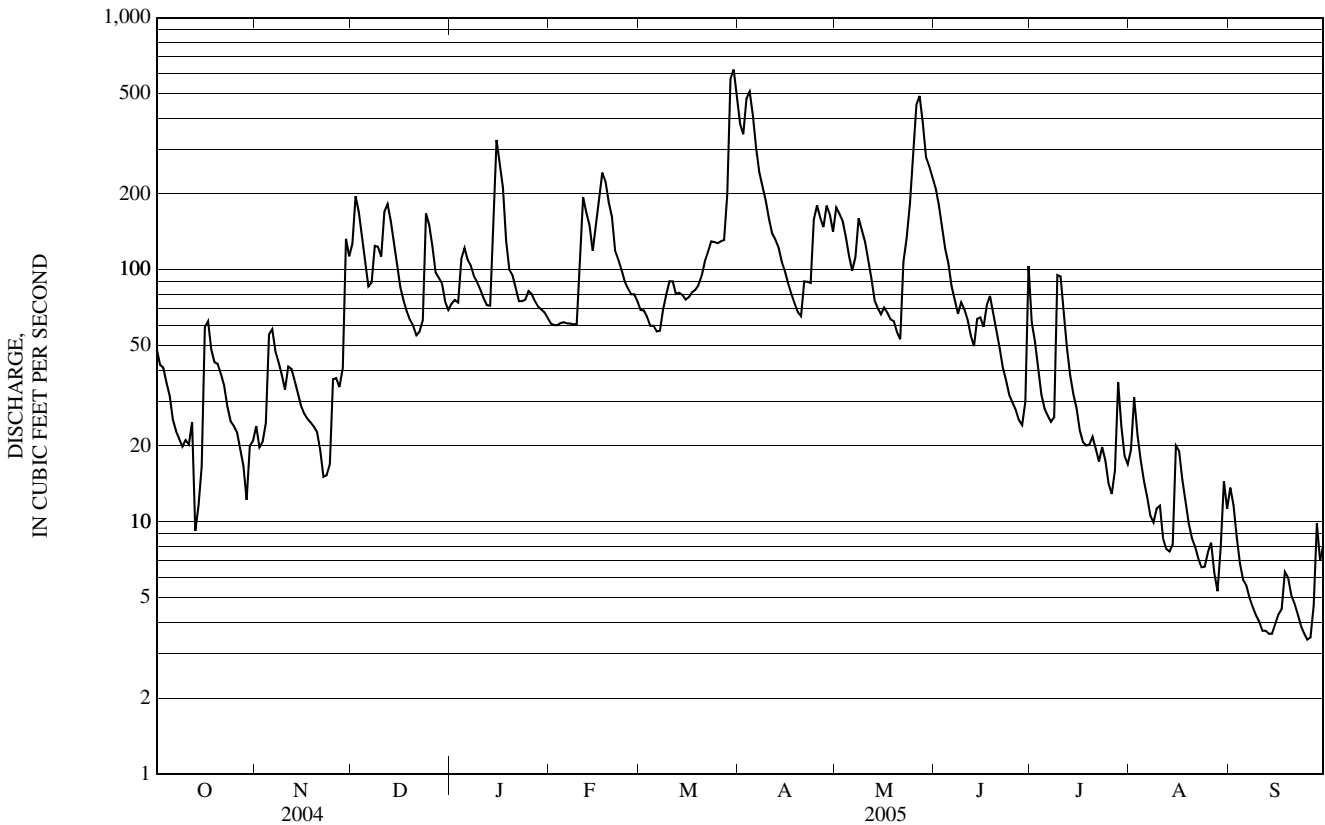
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

MEAN	39.3	64.3	90.5	78.2	85.5	148	173	96.2	56.0	19.8	19.6	18.5
MAX	185	148	228	223	181	281	406	161	241	50.2	80.1	86.5
(WY)	(1997)	(1996)	(1987)	(1996)	(1996)	(1994)	(1987)	(2005)	(1998)	(1998)	(1991)	(1991)
MIN	5.15	6.15	10.2	14.4	31.7	56.5	56.9	34.4	7.27	3.53	1.52	2.60
(WY)	(1998)	(2002)	(2002)	(2002)	(2002)	(1989)	(1999)	(1999)	(1999)	(1993)	(1999)	(2002)

010965852 BEAVER BROOK AT NORTH PELHAM, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	25,955.1		30,509.5		74.0	
ANNUAL MEAN	70.9		83.6		39.0	
HIGHEST ANNUAL MEAN					99.9	1996
LOWEST ANNUAL MEAN					39.0	2002
HIGHEST DAILY MEAN	1,330	Apr 2	622	Mar 30	1,500	Apr 6, 1987
LOWEST DAILY MEAN	5.1	Aug 11	3.4	Sep 25	0.83	Sep 4, 1999
ANNUAL SEVEN-DAY MINIMUM	6.4	Aug 6	3.8	Sep 9	0.92	Sep 2, 1999
MAXIMUM PEAK FLOW			675	Mar 29	1,850	Apr 6, 1987
MAXIMUM PEAK STAGE			9.88	Mar 29	12.94	Oct 22, 1996
INSTANTANEOUS LOW FLOW			a 3.1	Sep 15	b 0.60	Sep 4, 1999
ANNUAL RUNOFF (CF5M)	1.48		1.75		1.55	
ANNUAL RUNOFF (INCHES)	20.20		23.74		21.03	
10 PERCENT EXCEEDS	148		173		165	
50 PERCENT EXCEEDS	41		64		46	
90 PERCENT EXCEEDS	12		8.1		5.8	

a Also occurred on September 25 and 26.
 b Also occurred on September 5 and 8, 1999.
 c Estimated.



01100505 SPICKET RIVER AT NORTH SALEM, NH

LOCATION.--Lat 42° 50'57", long 71° 12'56", Rockingham County, Hydrologic Unit 01070002, on right bank, 70 ft downstream from Haverhill Road bridge, 100 ft southeast of North Main Street (old State Highway 111), Haverhill Road, and Island Pond Road intersection in Cowbell Corners, 1.0 mi north of Mill Pond Road and North Main Road intersection in North Salem, 2.4 mi southwest of Hampstead, and 4.8 mi north of Salem Town Hall.

DRAINAGE AREA.--16.5 mi².

PERIOD OF RECORD.--Discharge records: October 2000 to current year. Prior to October 2001, published as "at Island Pond Road". Water-quality discrete samples: Water years 1975 to 1977.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 190 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Flows regulated by Island Pond 0.7 mi upstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 240 ft³/s, May 26, gage height, 5.49 ft; minimum daily discharge, 0.31 ft³/s, Sept. 15.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	18	32	28	e23	34	132	2.6	72	22	2.9	0.68
2	14	18	37	27	e22	33	133	1.7	88	20	3.7	0.51
3	15	19	39	27	21	31	142	2.9	116	17	3.2	0.54
4	13	17	38	31	22	29	146	7.5	81	15	2.7	0.50
5	12	22	36	32	21	28	144	18	18	8.6	2.2	0.49
6	11	19	33	34	20	26	139	34	19	2.4	1.7	0.45
7	12	19	34	36	20	25	131	61	19	2.5	1.4	0.45
8	12	18	36	36	19	e26	55	87	16	3.4	1.1	0.45
9	10	17	37	35	19	e30	2.5	80	9.0	32	0.97	0.41
10	9.6	15	38	34	27	30	1.9	41	9.7	43	0.78	0.41
11	8.6	14	45	32	33	30	1.6	13	10	39	0.62	0.38
12	37	14	46	32	37	31	1.3	13	12	34	0.58	0.40
13	108	14	46	31	39	32	1.2	13	16	19	0.93	0.45
14	105	13	44	42	38	31	1.1	13	26	5.3	1.1	0.36
15	119	13	40	54	44	31	1.0	14	33	5.4	2.0	0.31
16	157	14	36	60	50	30	0.92	15	29	4.5	1.8	0.41
17	145	13	33	61	60	29	0.87	16	28	3.8	1.5	0.45
18	133	13	31	58	64	30	0.81	17	27	4.8	1.1	0.48
19	120	13	29	53	63	30	0.73	17	25	3.9	0.98	0.44
20	107	12	e29	49	60	30	0.73	16	22	1.5	0.81	0.42
21	92	11	e26	46	57	32	1.2	16	20	1.2	0.72	0.43
22	79	12	24	e41	53	34	0.84	42	19	1.1	0.66	0.47
23	67	12	25	e39	49	37	1.4	66	11	1.6	0.59	0.53
24	55	13	33	e37	45	40	2.2	87	1.8	1.2	0.56	0.53
25	45	15	34	35	43	43	1.6	149	1.7	0.87	0.51	0.53
26	37	15	35	33	39	44	1.3	212	2.1	0.77	0.49	0.62
27	31	14	e37	31	36	45	1.8	219	2.7	1.3	0.46	0.79
28	27	17	e34	e30	34	63	2.7	189	2.7	3.9	0.45	0.47
29	23	25	32	e28	---	111	1.8	115	6.0	3.2	0.53	0.65
30	21	26	30	26	---	130	1.8	47	16	2.6	0.49	0.62
31	19	---	29	25	---	132	---	90	---	2.4	0.48	---
TOTAL	1,658.2	475	1,078	1,163	1,058	1,307	1,053.30	1,714.7	758.7	307.24	38.01	14.63
MEAN	53.5	15.8	34.8	37.5	37.8	42.2	35.1	55.3	25.3	9.91	1.23	0.49
MAX	157	26	46	61	64	132	146	219	116	43	3.7	0.79
MIN	8.6	11	24	25	19	25	0.73	1.7	1.7	0.77	0.45	0.31

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	50.0	15.9	27.0	21.0	17.8	39.1	44.4	27.1	17.8	3.30	3.36	2.23
MAX	55.4	26.8	39.9	37.5	37.8	67.9	70.8	55.3	29.9	9.91	7.48	6.09
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2003)	(2001)	(2005)	(2002)	(2005)	(2003)	(2004)
MIN	44.7	4.20	3.18	4.31	6.42	1.23	1.88	1.02	0.88	0.79	1.20	0.49
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2001)	(2001)	(2002)	(2005)

01100505 SPICKET RIVER AT NORTH SALEM, NH—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	8,770.30		10,625.78		22.4	
ANNUAL MEAN	24.0		29.1		29.1	
HIGHEST ANNUAL MEAN					11.9	2002
LOWEST ANNUAL MEAN					219	May 27, 2005
HIGHEST DAILY MEAN	162	Apr 15	219	May 27	0.25	Jun 10, 2001
LOWEST DAILY MEAN	0.64	Aug 11	0.31	Sep 15	0.39	Sep 9, 2005
ANNUAL SEVEN-DAY MINIMUM	0.70	Aug 5	0.39	Sep 9	240	May 26, 2005
MAXIMUM PEAK FLOW			240	May 26	5.49	May 26, 2005
MAXIMUM PEAK STAGE			5.49	May 26	55	
10 PERCENT EXCEEDS	49		63		11	
50 PERCENT EXCEEDS	15		19		0.78	
90 PERCENT EXCEEDS	1.5		0.62			

e Estimated

