

01052500 DIAMOND RIVER NEAR WENTWORTH LOCATION, NH

LOCATION.--Lat 44°52'39", long 71°03'28", 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. Elevation of gage is 1,259.48 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Oct. 31 to Nov. 10, Nov. 17-22, and Nov. 25 to Apr. 12, which are fair. Satellite gage-height 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, 12.23 ft, Feb. 21, 1981 (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 16	1000	*4,640	*8.29	No other peak greater than base discharge.			

Minimum discharge, 25 ft³/s, Sept. 14, gage height, 1.72 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

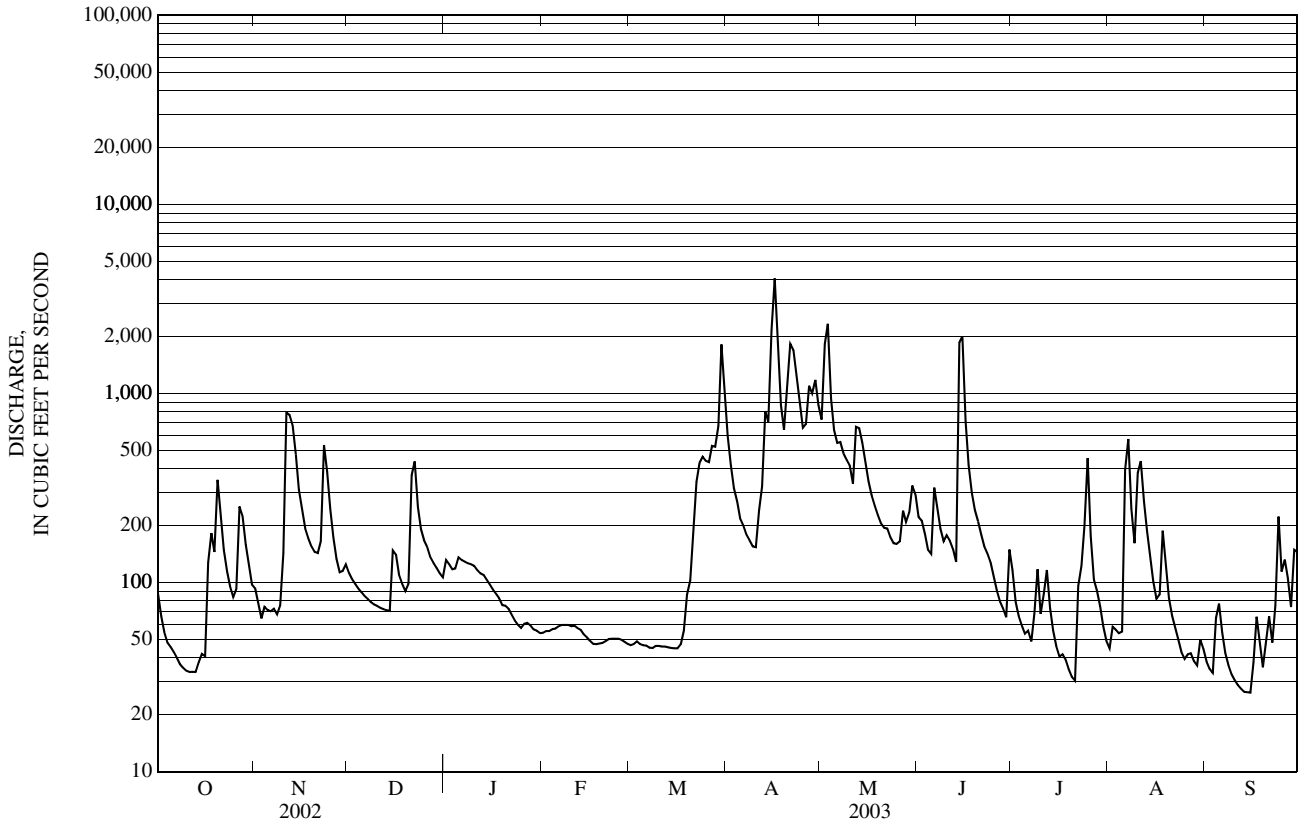
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	87	e93	e113	e132	e54	e47	e598	729	222	116	45	38
2	66	e77	e104	e125	e55	e47	e416	1,820	213	79	58	35
3	55	e65	e98	e118	e55	e49	e316	2,340	180	67	56	33
4	48	e74	e93	e119	e57	e47	e269	943	149	59	54	65
5	46	e72	e89	e136	e57	e47	e218	641	142	54	55	77
6	43	e70	e85	e132	e59	e46	e201	547	317	56	395	54
7	40	e73	e82	e129	e60	e45	e179	554	246	49	574	42
8	37	e68	e79	e126	e60	e45	e168	482	192	69	246	37
9	35	e75	e77	e125	e60	e46	e155	445	166	118	162	33
10	34	e143	e75	e123	e59	e46	e154	416	178	68	381	30
11	34	793	e74	e116	e59	e46	e240	333	166	87	439	29
12	34	771	e72	e112	e58	e46	e322	666	150	116	268	27
13	34	680	e71	e110	e56	e45	806	655	129	73	187	26
14	38	477	e71	e104	e53	e45	709	552	1,860	56	138	26
15	42	310	e148	e98	e51	e45	2,160	433	2,010	46	101	26
16	41	246	e140	e92	e49	e45	4,060	344	715	41	82	38
17	128	e193	e110	e87	e47	e47	1,970	289	417	42	86	66
18	183	e172	e98	e83	e47	e56	866	254	298	39	188	48
19	145	e155	e90	e76	e48	e86	642	228	242	35	126	36
20	350	e146	e98	e75	e48	e103	1,160	205	211	32	83	49
21	226	e143	e371	e73	e49	e191	1,830	195	179	30	67	66
22	149	e166	e438	e67	e50	e341	1,700	193	155	96	58	48
23	115	534	e251	e63	e51	e429	1,190	174	142	122	50	76
24	96	383	e192	e60	e51	e463	879	161	128	200	43	223
25	84	e246	e167	e58	e51	e441	658	160	107	455	39	114
26	92	e172	e154	e60	e50	e433	689	165	91	176	42	132
27	252	e134	e136	e61	e49	e528	1,100	240	80	104	42	106
28	225	e113	e127	e59	e47	e524	1,000	209	73	91	38	74
29	159	e115	e119	e57	---	e675	1,180	235	66	75	37	149
30	124	e125	e112	e56	---	e1,820	870	326	150	59	50	145
31	e98	---	e107	e54	---	e1,040	---	292	---	49	45	---
TOTAL	3,140	6,884	4,041	2,886	1,490	7,914	26,705	15,226	9,374	2,759	4,235	1,948
MEAN	101	229	130	93.1	53.2	255	890	491	312	89.0	137	64.9
MAX	350	793	438	136	60	1,820	4,060	2,340	2,010	455	574	223
MIN	34	65	71	54	47	45	154	160	66	30	37	26
CFSM	0.67	1.51	0.86	0.61	0.35	1.68	5.86	3.23	2.06	0.59	0.90	0.43
IN.	0.77	1.68	0.99	0.71	0.36	1.94	6.54	3.73	2.29	0.68	1.04	0.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2003, BY WATER YEAR (WY)

MEAN	261	332	227	166	147	290	1,080	915	321	169	135	147
MAX	869	733	739	575	783	936	1,754	2,115	804	703	492	836
(WY)	(1991)	(1964)	(1974)	(1995)	(1981)	(1998)	(2002)	(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)

01052500 DIAMOND RIVER NEAR WENTWORTH LOCATION, NH—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1941 - 2003	
ANNUAL TOTAL	123,845.9		86,602		349	
ANNUAL MEAN	339		237		225	
HIGHEST ANNUAL MEAN					524	1996
LOWEST ANNUAL MEAN					225	1965
HIGHEST DAILY MEAN	7,040	Apr 18	4,060	Apr 16	9,900	Mar 31, 1998
LOWEST DAILY MEAN	9.2	Sep 10	26	Sep 13	6.8	Aug 28, 1949
ANNUAL SEVEN-DAY MINIMUM	10	Sep 5	28	Sep 9	9.0	Sep 11, 1952
MAXIMUM PEAK FLOW			4,640	Apr 16	12,800	Mar 31, 1998
MAXIMUM PEAK STAGE			8.29	Apr 16	12.23	Feb 21, 1981
INSTANTANEOUS LOW FLOW			25	Sep 14	6.8	Aug 27, 1949
ANNUAL RUNOFF (CFSM)	2.23		1.56		2.30	
ANNUAL RUNOFF (INCHES)	30.31		21.19		31.24	
10 PERCENT EXCEEDS	701		562		840	
50 PERCENT EXCEEDS	112		104		157	
90 PERCENT EXCEEDS	27		43		51	



01053500 ANDROSCOGGIN RIVER AT ERROL, NH

LOCATION.--Lat 44°46'57", long 71°07'46". 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 gage-height telemeters at station. Gage is operated in conjunction with a co-located precipitation gage. 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, 4,890 ft³/s, June 14, 15, gage height, 4.46 ft; minimum daily discharge, 886 ft³/s, Aug. 7.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

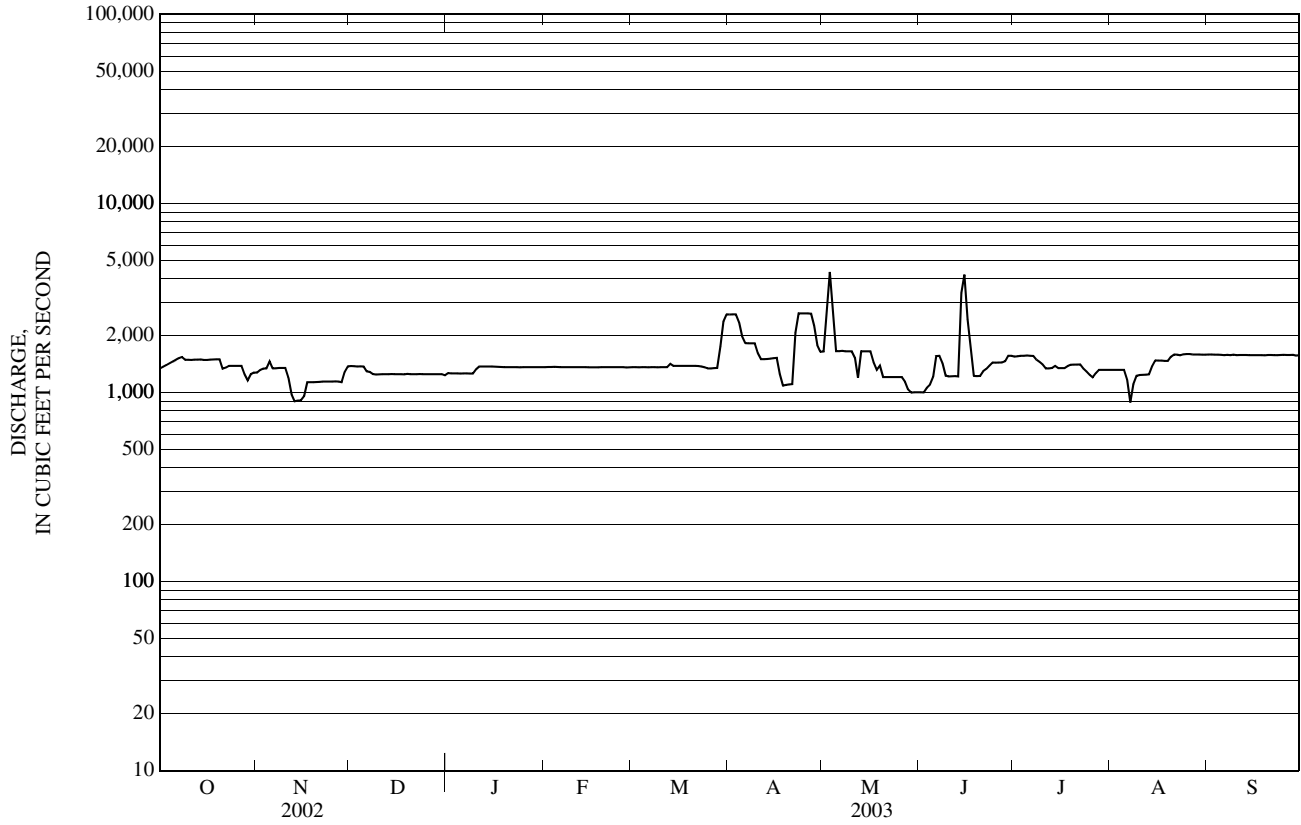
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,340	1,280	1,380	1,270	1,360	1,360	2,590	1,650	1,000	1,550	1,320	1,590
2	1,370	1,310	1,380	1,260	1,360	1,360	2,590	2,690	1,000	1,550	1,320	1,590
3	1,400	1,340	1,370	1,260	1,370	1,360	2,590	4,340	1,060	1,560	1,320	1,590
4	1,430	1,340	1,380	1,260	1,370	1,360	2,350	2,790	1,100	1,570	1,320	1,590
5	1,460	1,460	1,370	1,260	1,360	1,360	1,980	1,650	1,210	1,570	1,320	1,580
6	1,490	1,340	1,300	1,260	1,360	1,360	1,830	1,660	1,560	1,560	1,170	1,580
7	1,520	1,340	1,280	1,260	1,360	1,360	1,820	1,660	1,560	1,560	886	1,580
8	1,540	1,350	1,250	1,260	1,360	1,360	1,820	1,650	1,430	1,490	1,110	1,580
9	1,490	1,350	1,250	1,260	1,360	1,360	1,820	1,650	1,230	1,450	1,230	1,590
10	1,490	1,350	1,250	1,330	1,360	1,360	1,620	1,650	1,220	1,410	1,240	1,580
11	1,490	1,200	1,250	1,370	1,360	1,360	1,500	1,530	1,220	1,340	1,240	1,580
12	1,490	977	1,250	1,370	1,360	1,360	1,500	1,200	1,220	1,340	1,240	1,580
13	1,490	899	1,250	1,370	1,360	1,420	1,500	1,650	1,220	1,350	1,250	1,580
14	1,490	907	1,250	1,370	1,360	1,380	1,510	1,650	3,360	1,380	1,380	1,580
15	1,490	907	1,250	1,370	1,360	1,380	1,520	1,650	4,200	1,350	1,480	1,580
16	1,490	956	1,250	1,370	1,360	1,380	1,520	1,650	2,440	1,350	1,470	1,580
17	1,490	1,130	1,250	1,370	1,360	1,380	1,260	1,450	1,730	1,350	1,470	1,580
18	1,490	1,130	1,250	1,360	1,360	1,380	1,090	1,320	1,220	1,380	1,470	1,580
19	1,500	1,130	1,250	1,360	1,360	1,380	1,100	1,390	1,220	1,400	1,470	1,570
20	1,500	1,140	1,250	1,360	1,360	1,380	1,100	1,210	1,220	1,410	1,550	1,580
21	1,340	1,140	1,250	1,360	1,360	1,380	1,110	1,210	1,300	1,410	1,590	1,580
22	1,350	1,140	1,250	1,360	1,360	1,380	2,070	1,210	1,330	1,410	1,590	1,580
23	1,380	1,140	1,250	1,360	1,360	1,370	2,620	1,210	1,390	1,340	1,570	1,580
24	1,380	1,140	1,250	1,360	1,360	1,360	2,620	1,210	1,440	1,290	1,590	1,580
25	1,380	1,140	1,250	1,360	1,360	1,340	2,620	1,210	1,440	1,240	1,600	1,580
26	1,380	1,150	1,250	1,360	1,360	1,340	2,620	1,210	1,440	1,200	1,600	1,580
27	1,380	1,140	1,250	1,360	1,360	1,350	2,610	1,140	1,440	1,270	1,590	1,580
28	1,250	1,130	1,250	1,360	1,360	1,350	2,260	1,040	1,460	1,320	1,590	1,580
29	1,160	1,280	1,250	1,360	---	1,750	1,780	999	1,560	1,320	1,590	1,570
30	1,250	1,380	1,250	1,360	---	2,380	1,640	1,000	1,560	1,320	1,590	1,580
31	1,270	---	1,230	1,360	---	2,590	---	1,000	---	1,320	1,590	---
TOTAL	43,970	35,616	39,440	41,310	38,100	44,990	56,560	48,529	45,780	43,360	43,746	47,430
MEAN	1,418	1,187	1,272	1,333	1,361	1,451	1,885	1,565	1,526	1,399	1,411	1,581
MAX	1,540	1,460	1,380	1,370	1,370	2,590	2,620	4,340	4,200	1,570	1,600	1,590
MIN	1,160	899	1,230	1,260	1,360	1,340	1,090	999	1,000	1,200	886	1,570

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2003, BY WATER YEAR (WY)

MEAN	1,582	1,540	1,690	1,780	1,845	1,850	2,166	3,077	2,261	1,774	1,677	1,681
MAX	3,949	3,745	4,722	3,589	3,644	5,454	4,736	8,192	7,129	4,621	2,265	4,738
(WY)	(1955)	(1908)	(1974)	(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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1905 - 2003	
ANNUAL TOTAL	632,426		528,831		1,909	
ANNUAL MEAN	1,733		1,449		3,117	
HIGHEST ANNUAL MEAN					1,046	1911
LOWEST ANNUAL MEAN					16,100	May 22, 1969
HIGHEST DAILY MEAN	10,600	Apr 18	4,340	May 3	0.00	Oct 31, 1917
LOWEST DAILY MEAN	797	May 2	886	Aug 7	152	Mar 21, 1948
ANNUAL SEVEN-DAY MINIMUM	987	Nov 12	987	Nov 12	16,500	May 22, 1969
MAXIMUM PEAK FLOW			4,890	Jun 14	9.40	May 22, 1969
MAXIMUM PEAK STAGE			4.46	Jun 14		
10 PERCENT EXCEEDS	2,500		1,650		2,610	
50 PERCENT EXCEEDS	1,340		1,360		1,680	
90 PERCENT EXCEEDS	1,130		1,200		1,130	



01054000 ANDROSCOGGIN RIVER NEAR GORHAM, NH

LOCATION.--Lat 44°26'10", long 71°11'27", 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 December 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.--Records good, except for periods of ice effect, Jan. 21-24 and Feb. 13-19, which are fair. 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 gage-height 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, 7,890 ft³/s, Mar. 30, gage height, 6.78 ft; minimum daily discharge, 1,240 ft³/s, Oct. 30.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,440	1,290	1,490	1,310	1,410	1,310	3,940	2,230	1,420	1,600	1,330	1,520
2	1,470	1,300	1,440	1,380	1,400	1,330	3,560	3,030	1,350	1,510	1,340	1,540
3	1,450	1,300	1,450	1,340	1,390	1,330	3,310	7,030	1,290	1,490	1,350	1,540
4	1,420	1,320	1,450	1,340	1,390	1,350	3,020	5,200	1,260	1,450	1,350	1,730
5	1,440	1,420	1,480	1,330	1,390	1,330	2,530	2,790	1,270	1,510	1,340	1,760
6	1,440	1,380	1,440	1,310	1,390	1,330	2,190	2,360	1,800	1,510	1,850	1,620
7	1,420	1,380	1,320	1,310	1,400	1,330	2,120	2,260	1,880	1,470	1,710	1,570
8	1,430	1,350	1,360	1,320	1,390	1,320	2,100	2,220	1,730	1,500	1,360	1,590
9	1,430	1,350	1,330	1,310	1,370	1,320	2,040	2,140	1,480	1,500	1,470	1,540
10	1,390	1,400	1,360	1,320	1,370	1,380	1,980	2,190	1,380	1,460	2,300	1,540
11	1,370	1,690	1,320	1,410	1,380	1,330	1,870	2,100	1,350	1,420	2,550	1,530
12	1,410	1,950	1,310	1,410	1,370	1,310	2,040	1,970	1,340	1,590	2,010	1,530
13	1,410	1,910	1,280	1,410	e1,390	1,320	2,670	2,710	1,320	1,460	1,510	1,530
14	1,460	1,800	1,310	1,400	e1,400	1,340	2,740	2,880	3,640	1,340	1,580	1,540
15	1,410	1,490	1,330	1,450	e1,400	1,260	2,700	2,520	6,750	1,310	1,540	1,560
16	1,480	1,280	1,330	1,420	e1,400	1,310	4,220	2,200	3,960	1,350	1,540	1,640
17	1,680	1,360	1,310	1,410	e1,400	1,310	3,200	2,050	2,520	1,330	1,530	1,820
18	1,700	1,440	1,300	1,460	e1,400	1,370	2,260	1,690	1,730	1,310	1,540	1,680
19	1,590	1,360	1,320	1,380	e1,390	1,380	1,900	1,610	1,490	1,360	1,540	1,620
20	1,790	1,350	1,320	1,400	1,380	1,410	1,850	1,530	1,420	1,320	1,490	1,690
21	1,680	1,380	1,420	e1,410	1,350	1,510	2,180	1,450	1,400	1,350	1,570	1,830
22	1,380	1,430	1,510	e1,430	1,350	1,690	2,670	1,440	1,430	1,470	1,560	1,690
23	1,440	1,910	1,430	e1,430	1,350	1,880	3,480	1,380	1,440	1,490	1,560	1,790
24	1,380	2,100	1,390	e1,440	1,340	1,990	3,420	1,380	1,510	1,420	1,510	2,350
25	1,390	1,730	1,350	1,430	1,350	2,170	3,280	1,380	1,490	1,550	1,540	2,010
26	1,420	1,480	1,350	1,410	1,340	2,380	3,280	1,430	1,450	1,410	1,540	1,810
27	1,600	1,410	1,350	1,400	1,370	2,590	3,870	1,620	1,410	1,270	1,550	1,730
28	1,530	1,330	1,300	1,390	1,370	2,680	3,760	1,510	1,380	1,420	1,520	1,710
29	1,310	1,280	1,310	1,400	---	3,540	3,030	1,390	1,470	1,380	1,550	1,780
30	1,240	1,510	1,340	1,440	---	6,820	2,530	1,620	1,530	1,320	1,530	1,840
31	1,310	---	1,280	1,390	---	5,070	---	1,610	---	1,270	1,560	---
TOTAL	45,310	44,680	42,280	42,990	38,630	58,990	83,740	68,920	54,890	44,140	49,220	50,630
MEAN	1,462	1,489	1,364	1,387	1,380	1,903	2,791	2,223	1,830	1,424	1,588	1,688
MAX	1,790	2,100	1,510	1,460	1,410	6,820	4,220	7,030	6,750	1,600	2,550	2,350
MIN	1,240	1,280	1,280	1,310	1,340	1,260	1,850	1,380	1,260	1,270	1,330	1,520

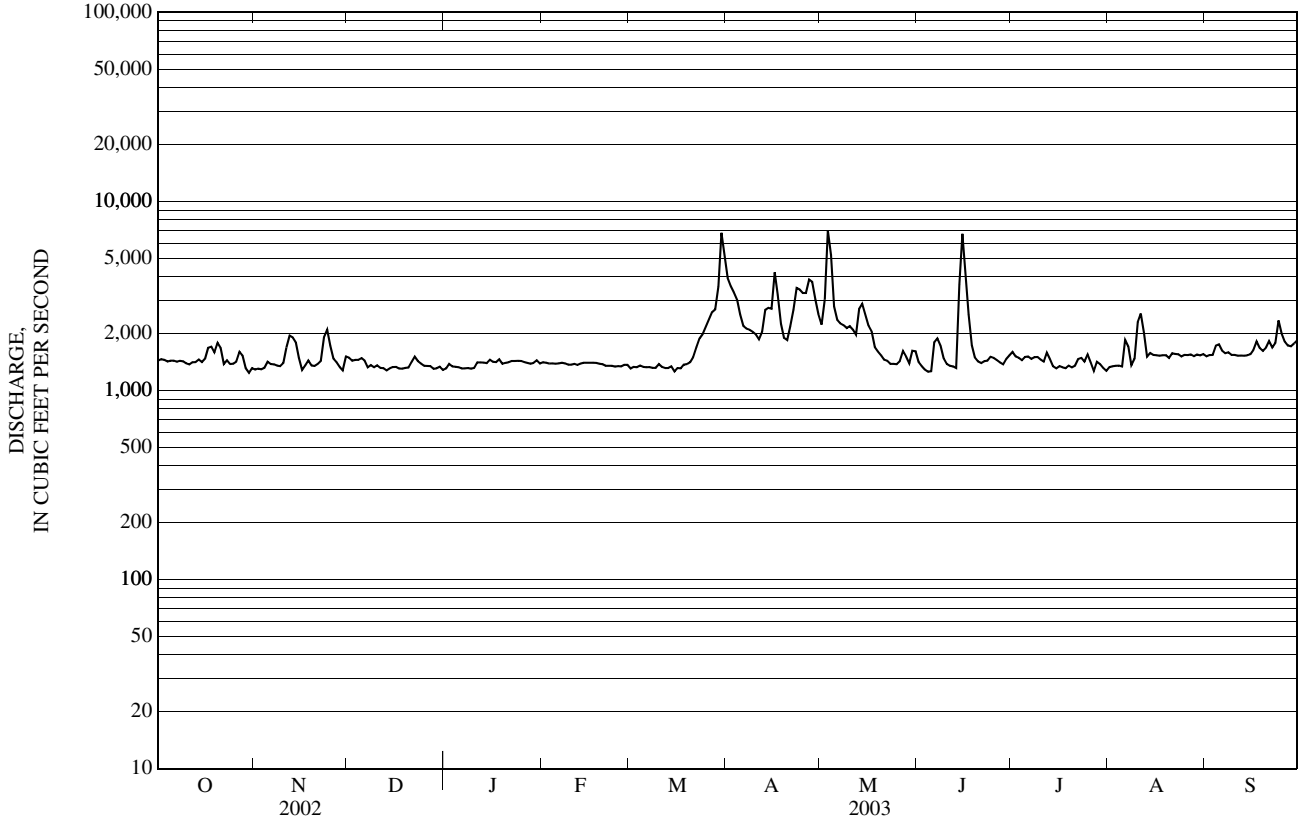
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY)

MEAN	2,037	2,087	2,123	2,131	2,150	2,490	3,953	4,241	2,793	2,072	1,920	1,966
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)

e Estimated

01054000 ANDROSCOGGIN RIVER NEAR GORHAM, NH—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1914 - 2003	
ANNUAL TOTAL	800,340		624,420			
ANNUAL MEAN	2,193		1,711		2,501	
HIGHEST ANNUAL MEAN					4,147	
LOWEST ANNUAL MEAN					1,689	
HIGHEST DAILY MEAN	15,100	Apr 18	7,030	May 3	20,000	Jun 18, 1917
LOWEST DAILY MEAN	1,240	Oct 30	1,240	Oct 30	795	Mar 15, 1948
ANNUAL SEVEN-DAY MINIMUM	1,270	Jan 5	1,300	Oct 29	866	Mar 10, 1948
MAXIMUM PEAK FLOW			7,890	Mar 30	21,900	Apr 30, 1923
MAXIMUM PEAK STAGE			6.78	Mar 30		
10 PERCENT EXCEEDS	3,410		2,440		3,730	
50 PERCENT EXCEEDS	1,500		1,440		2,000	
90 PERCENT EXCEEDS	1,290		1,320		1,580	



ANDROSCOGGIN RIVER BASIN
01054200 WILD RIVER AT GILEAD, ME
(Hydrologic bench-mark station)

LOCATION.--Lat 44°23'27", long 70°58'47", Oxford County, Hydrologic Unit 01040002, on right bank 200 ft upstream from highway bridge on U.S. Route 2, 2,000 ft upstream from mouth, and 0.4 mi west of Gilead.

DRAINAGE AREA.--69.6 mi².

PERIOD OF RECORD.--

DISCHARGE: July 1964 to current year.

CHEMICAL ANALYSES: Water years 1966 to current year.

WATER TEMPERATURE: July 1964 to September 1983, November 1991 to September 1993.

REVISED RECORDS.--WDR ME-81-1: Drainage area. WDR ME-98-1: 1960(M), 1967-68(M), 1970(M), 1973-74(M), 1976-77(M), 1979(M), 1984(M), 1986-87(M), 1991(M), 1996-97(P).

GAGE.--Water-stage recorder. Datum of gage is 683.10 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 12, 1977, at site 180 ft downstream on left bank at same datum.

REMARKS.--Records good, except for periods of ice effect, Nov. 1-12 and Nov. 28 to Mar. 23, which are fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft³/s, Oct. 22, 1995, gage height, 14.84 ft; minimum discharge, 6.0 ft³/s, Sept. 10-11, 2002.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 24, 1959, reached a stage of 15.6 ft, from floodmarks; discharge, 28,300 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 21	1615	Ice Jam	*8.96	Aug 10	0545	*5,300	8.11
Mar 29	2130	3,740	7.16	Sep 23	1845	4,010	7.34
Aug 6	0000	4,490	7.64				

Minimum discharge, 11 ft³/s, Oct. 2, gage height, 2.70 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	e31	e56	e60	e26	e32	314	256	133	26	16	25
2	12	e27	e50	e54	e33	e34	254	607	132	23	35	24
3	15	e25	e45	e50	e41	e39	221	639	105	22	39	24
4	19	e25	e41	e50	e39	e35	188	331	90	21	26	277
5	28	e25	e38	e47	e43	e33	157	267	102	20	298	128
6	37	e26	e35	e46	e38	e33	158	244	247	19	1,650	67
7	19	e31	e33	e46	e35	e32	133	228	140	18	337	49
8	15	e32	e31	e45	e33	e31	122	210	114	18	218	40
9	13	e31	e29	e44	e32	e30	115	194	101	18	162	33
10	12	e36	e28	e42	e31	e29	116	193	103	16	2,460	31
11	13	e48	e27	e41	e30	e29	158	165	83	45	561	28
12	13	e117	e27	e40	e30	e28	205	347	79	68	318	26
13	14	350	e29	e39	e29	e27	342	289	67	31	333	25
14	20	180	e38	e38	e28	e27	298	313	448	23	233	24
15	22	110	e71	e37	e28	e27	579	225	280	19	149	25
16	22	84	e118	e36	e27	e26	1,030	190	162	19	114	317
17	397	73	e96	e34	e27	e29	414	166	114	24	98	191
18	89	80	e79	e34	e27	e41	265	145	92	21	128	83
19	51	64	e65	e33	e26	e87	220	133	83	50	101	73
20	63	58	e88	e32	e26	e117	282	123	72	27	72	462
21	48	63	e242	e31	e26	e1,010	391	119	63	21	61	227
22	35	137	e183	e31	e50	e864	380	114	58	43	53	120
23	28	427	e141	e30	e42	e572	382	99	56	41	46	827
24	25	174	e113	e29	e37	370	312	100	49	43	38	665
25	23	112	e93	e29	e35	349	237	216	41	66	36	249
26	42	91	e80	e29	e33	548	340	266	35	36	40	192
27	164	79	e71	e28	e33	682	1,170	473	31	25	35	151
28	89	e67	e65	e28	e32	461	530	254	28	24	30	172
29	57	e60	e59	e27	---	1,170	449	249	25	20	28	321
30	43	e63	e55	e27	---	1,590	330	189	26	18	30	206
31	35	---	e54	e27	---	507	---	149	---	17	28	---
TOTAL	1,476	2,726	2,180	1,164	917	8,889	10,092	7,493	3,159	882	7,773	5,082
MEAN	47.6	90.9	70.3	37.5	32.8	287	336	242	105	28.5	251	169
MAX	397	427	242	60	50	1,590	1,170	639	448	68	2,460	827
MIN	12	25	27	27	26	26	115	99	25	16	16	24
CFSM	0.68	1.31	1.01	0.54	0.47	4.12	4.83	3.47	1.51	0.41	3.60	2.43
IN.	0.79	1.46	1.17	0.62	0.49	4.75	5.39	4.00	1.69	0.47	4.15	2.72

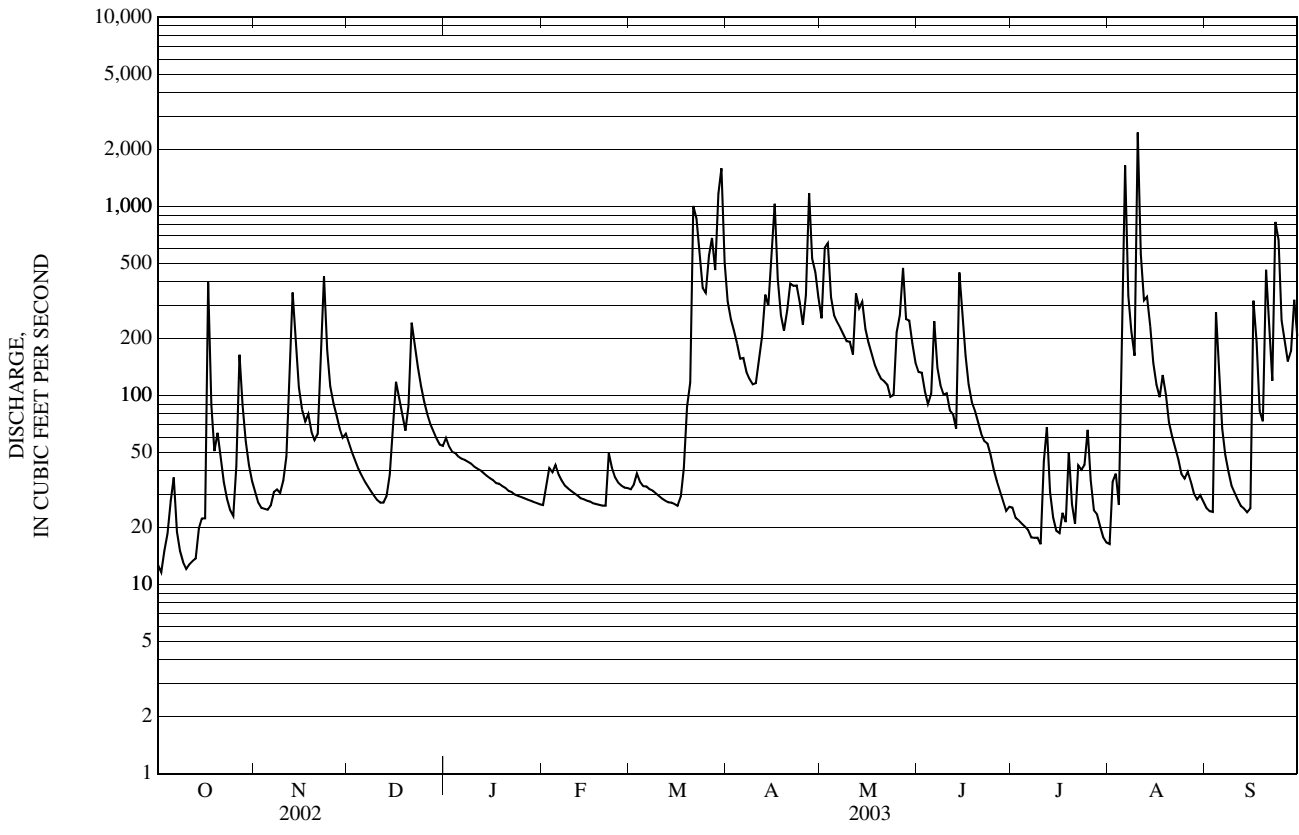
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2003, BY WATER YEAR (WY)

MEAN	139	203	141	112	103	232	517	393	153	74.1	65.6	63.9
MAX	442	587	604	483	579	558	900	1,028	785	353	251	438
(WY)	(1978)	(1970)	(1974)	(1986)	(1981)	(1979)	(1984)	(1969)	(1998)	(1996)	(2003)	(1999)
MIN	17.4	32.0	21.5	18.2	19.9	25.4	164	158	49.9	16.1	10.6	11.1
(WY)	(1965)	(1979)	(1979)	(1981)	(1980)	(1967)	(1995)	(1993)	(1970)	(1991)	(2002)	(1995)

e Estimated

01054200 WILD RIVER AT GILEAD, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1964 - 2003	
ANNUAL TOTAL	47,486.1		51,833		183	
ANNUAL MEAN	130		142		72.9	
HIGHEST ANNUAL MEAN					294	1996
LOWEST ANNUAL MEAN					72.9	1965
HIGHEST DAILY MEAN	4,050	Apr 14	2,460	Aug 10	7,510	Jun 14, 1998
LOWEST DAILY MEAN	6.1	Sep 10	12	Oct 2	6.1	Sep 10, 2002
ANNUAL SEVEN-DAY MINIMUM	7.1	Sep 5	14	Oct 7	7.1	Sep 5, 2002
MAXIMUM PEAK FLOW			5,300	Aug 10	24,500	Oct 22, 1995
MAXIMUM PEAK STAGE			8.96	Mar 21	14.84	Oct 22, 1995
INSTANTANEOUS LOW FLOW			11	Oct 2	6.0	Sep 10, 2002
ANNUAL RUNOFF (CFSM)	1.87		2.04		2.63	
ANNUAL RUNOFF (INCHES)	25.38		27.70		35.79	
10 PERCENT EXCEEDS	302		338		404	
50 PERCENT EXCEEDS	48		50		75	
90 PERCENT EXCEEDS	10		24		22	



01054300 ELLIS RIVER AT SOUTH ANDOVER, ME

LOCATION.--Lat 44°35'37", long 70°44'01", Oxford County, Hydrologic Unit 01040002, on left bank 100 ft upstream from covered bridge at South Andover.

DRAINAGE AREA.--130 mi².

PERIOD OF RECORD.--

DISCHARGE: February 1963 to September 1982, October 2000 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is 620.00 ft above National Geodetic Vertical Datum of 1929 (levels by Corps of Engineers).

REMARKS.--Records good, except for periods of ice effect, Nov. 2-11, Nov. 26 to Mar. 29, and period of no gage-height record, Nov. 28 to Dec. 13, which are fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,630 ft³/s, Dec. 29, 1969, gage height, 19.23 ft; minimum discharge, 8.4 ft³/s, Sept. 11, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	1130	*1,660	*12.94	No peaks greater than base discharge.			

Minimum discharge, 14 ft³/s, Oct. 10-11, gage height, 4.02 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	41	e64	e52	e32	e36	554	403	189	76	40	32
2	18	e38	e58	e55	e41	e38	464	514	169	64	57	31
3	18	e33	e53	e52	e49	e41	402	952	143	57	84	30
4	17	e31	e49	e50	e46	e40	362	597	120	52	68	105
5	18	e31	e46	e63	e51	e40	304	459	112	48	64	129
6	18	e32	e44	e61	e45	e41	290	403	235	45	689	72
7	17	e38	e42	e60	e43	e40	251	390	195	41	374	55
8	16	e33	e40	e60	e41	e39	233	353	153	47	209	47
9	15	e36	e39	e59	e40	e38	211	320	135	76	159	42
10	15	e36	e38	e56	e39	e37	197	309	144	59	570	38
11	15	e161	e37	e54	e37	e36	253	273	127	64	642	36
12	15	288	e37	e51	e36	e35	301	355	113	145	380	34
13	15	353	e39	e49	e36	e35	475	434	98	96	293	34
14	18	312	e48	e47	e35	e34	455	483	532	73	228	44
15	24	199	e102	e45	e34	e33	540	398	601	64	169	45
16	22	146	e119	e43	e34	e33	972	334	399	57	139	90
17	101	124	e90	e41	e33	e35	643	287	296	58	117	205
18	96	130	e76	e40	e33	e46	455	251	230	54	128	114
19	52	109	e68	e39	e32	e67	380	222	189	49	103	84
20	68	95	e72	e38	e32	e79	398	196	157	44	83	215
21	63	92	e104	e37	e33	e146	480	178	130	41	71	276
22	44	120	e140	e36	e33	e340	471	169	109	41	63	160
23	35	429	e119	e36	e43	e429	456	150	102	48	56	169
24	31	352	e103	e35	e46	e476	419	141	91	59	49	658
25	28	231	e90	e35	e40	e485	383	151	79	116	41	368
26	31	e167	e78	e35	e38	e458	377	168	69	85	37	283
27	150	e120	e70	e34	e37	e529	784	295	69	68	37	229
28	111	e96	e63	e33	e36	e493	680	265	109	62	36	208
29	69	e83	e58	e33	---	e610	548	236	81	55	34	235
30	53	e72	e54	e33	---	1,450	465	229	74	48	34	209
31	44	---	e51	e33	---	897	---	228	---	43	33	---
TOTAL	1,258	4,028	2,091	1,395	1,075	7,136	13,203	10,143	5,250	1,935	5,087	4,277
MEAN	40.6	134	67.5	45.0	38.4	230	440	327	175	62.4	164	143
MAX	150	429	140	63	51	1,450	972	952	601	145	689	658
MIN	15	31	37	33	32	33	197	141	69	41	33	30
CFSM	0.31	1.03	0.52	0.35	0.30	1.77	3.39	2.52	1.35	0.48	1.26	1.10
IN.	0.36	1.15	0.60	0.40	0.31	2.04	3.78	2.90	1.50	0.55	1.46	1.22

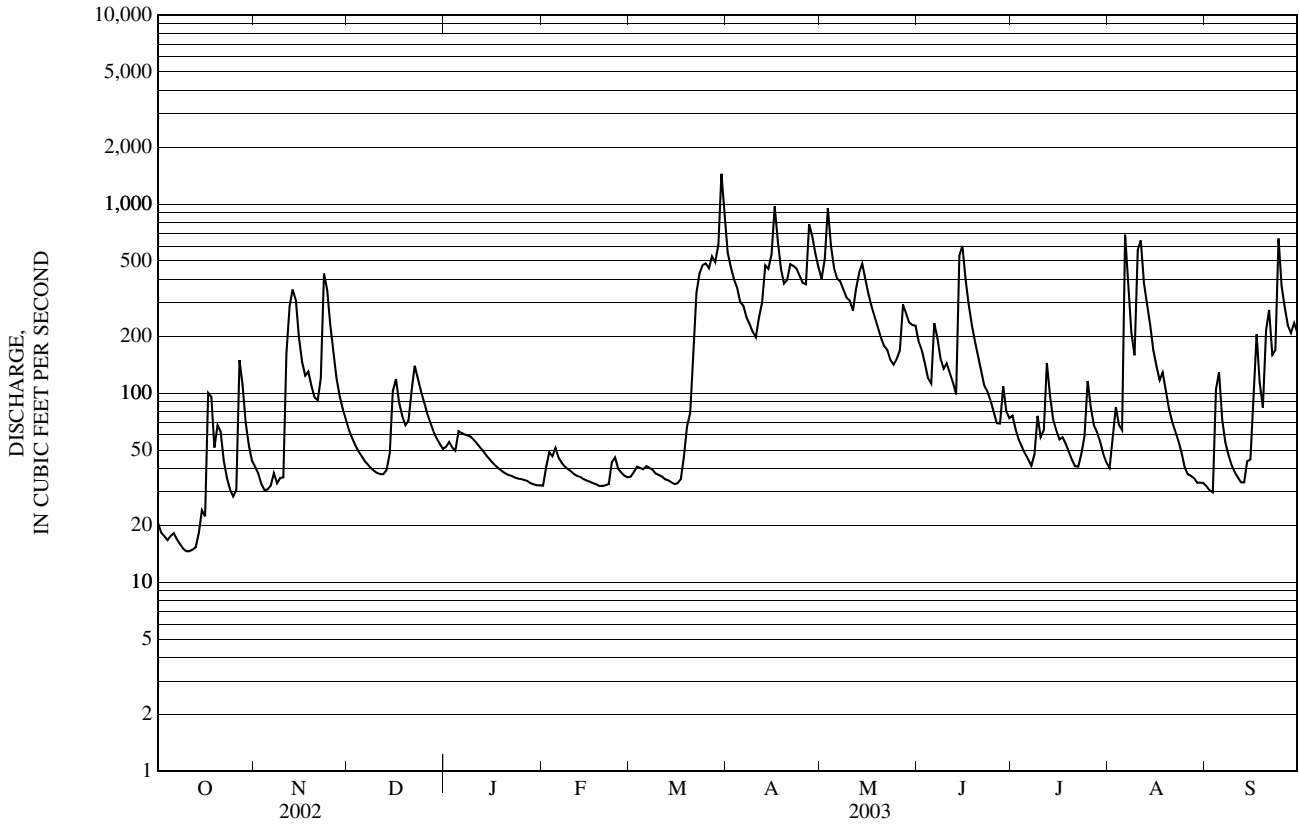
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2003, BY WATER YEAR (WY)

MEAN	147	232	220	125	142	239	752	550	209	110	76.6	70.2
MAX	653	703	876	464	620	579	1,206	1,190	437	467	279	283
(WY)	(1978)	(1970)	(1974)	(1978)	(1981)	(1979)	(1969)	(1969)	(1968)	(1973)	(1976)	(1981)
MIN	26.4	33.8	34.1	45.0	31.1	30.6	369	224	60.1	33.0	15.3	15.6
(WY)	(2002)	(1979)	(1979)	(2003)	(1980)	(1967)	(1981)	(1977)	(1964)	(1965)	(2002)	(2002)

e Estimated

01054300 ELLIS RIVER AT SOUTH ANDOVER, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1963 - 2003	
ANNUAL TOTAL	74,404.9		56,878		242	
ANNUAL MEAN	204		156		340	
HIGHEST ANNUAL MEAN					132	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	3,200	Apr 14	1,450	Mar 30	4,500	Apr 25, 1968
LOWEST DAILY MEAN	8.8	Sep 11	15	Oct 9	8.8	Sep 11, 2002
ANNUAL SEVEN-DAY MINIMUM	9.3	Sep 8	15	Oct 7	9.3	Sep 8, 2002
MAXIMUM PEAK FLOW			1,660	Mar 30	5,630	Dec 29, 1969
MAXIMUM PEAK STAGE			12.94	Mar 30	19.23	Dec 29, 1969
INSTANTANEOUS LOW FLOW			14	Oct 10	8.4	Sep 11, 2002
ANNUAL RUNOFF (CFSM)	1.57		1.20		1.87	
ANNUAL RUNOFF (INCHES)	21.29		16.28		25.34	
10 PERCENT EXCEEDS	506		429		580	
50 PERCENT EXCEEDS	70		68		115	
90 PERCENT EXCEEDS	13		33		32	



ANDROSCOGGIN RIVER BASIN
01054500 ANDROSCOGGIN RIVER AT RUMFORD, ME

LOCATION.--Lat 44°33'04", long 70°32'38", Oxford County, Hydrologic Unit 01040002, on right bank below lower power plant of Rumford Falls Power Co. in Rumford, and 1,000 ft upstream from Swift River.

DRAINAGE AREA.--2,068 mi².

PERIOD OF RECORD.--

DISCHARGE: May 1892 to current year. Fragmentary record only May 1892 to October 1895, published in WSP 27. Monthly discharge only October 1903 to September 1904, published in WSP 1301.

CHEMICAL ANALYSES: Water year 1953.

REVISED RECORDS.--WDR ME-86-1: Drainage area. WDR ME-97-1: 1893-1935(M) 1937-79(M).

GAGE.--Water-stage recorder. Datum of gage is 420.00 ft above National Geodetic Vertical Datum of 1929. Aug. 1, 1937 to Nov. 19, 1979, nonrecording gages in pond above dam and in tailrace of upper plant. Prior to Aug. 1, 1937, nonrecording gages in pond and tailrace of middle plant.

REMARKS.--No estimated daily discharges. Records good. Prior to Nov. 19, 1979, discharge computed from flow over dams and through wheels. Flow regulated by Rangeley, Mooselookmeguntic, Richardson, Aziscohos, and Umbagog Lakes, combined usable capacity about 28.1 billion ft³, with final regulation at Errol Dam 70 mi upstream. Satellite gage-height telemeter at station. Gage is operated in conjunction with a co-located precipitation gage. Records for precipitation are located in the Quantity of Precipitation section in this report.

COOPERATION.--Prior to Nov. 19, 1979, records furnished by Rumford Falls Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 74,000 ft³/s, Mar. 20, 1936; minimum daily discharge, 625 ft³/s, Mar. 27, 1911.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 18,500 ft³/s, Mar. 30, gage height, 10.18 ft; minimum daily discharge, 1,300 ft³/s, Dec. 4.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

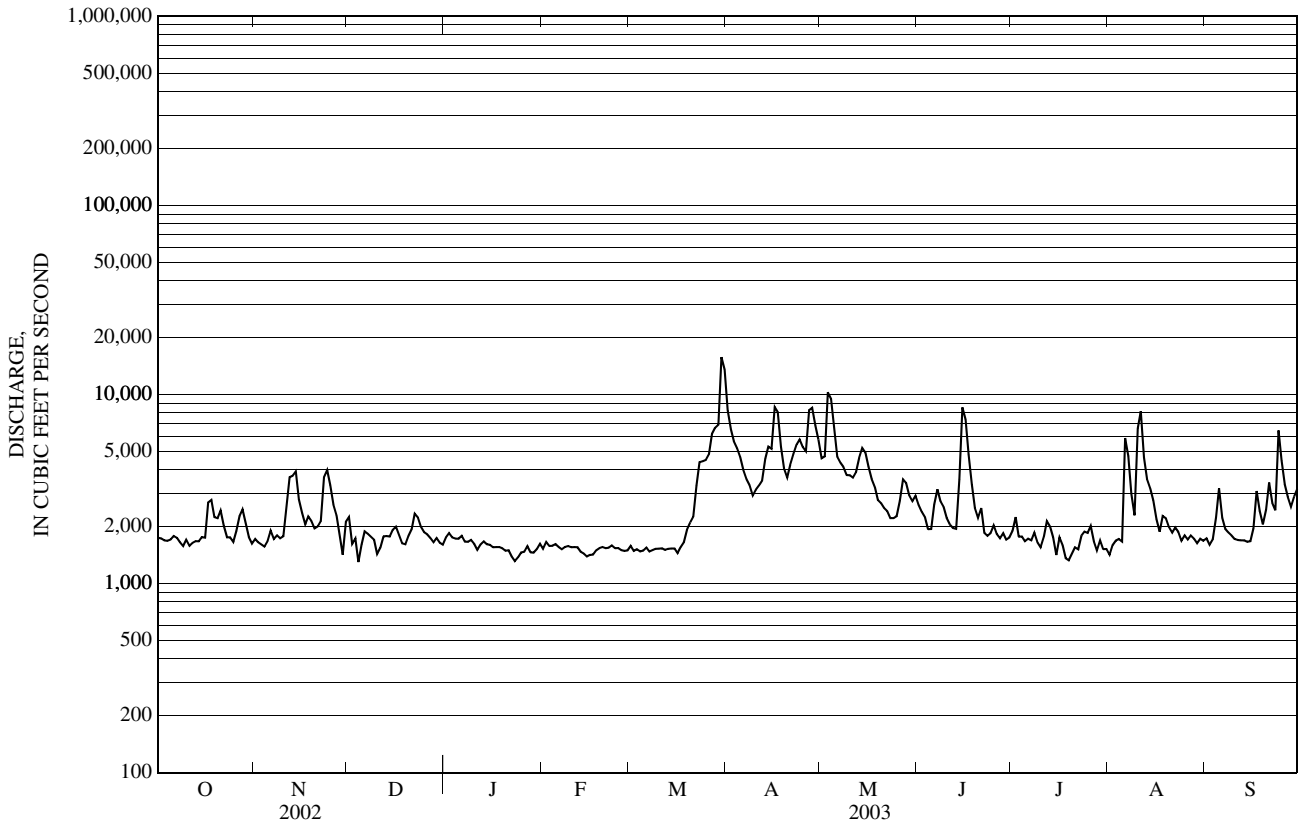
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,750	1,720	2,250	1,760	1,530	1,580	8,250	4,600	2,610	1,900	1,420	1,730
2	1,730	1,660	1,620	1,850	1,660	1,490	6,550	4,710	2,400	2,250	1,600	1,610
3	1,690	1,610	1,730	1,750	1,580	1,520	5,660	10,300	2,250	1,770	1,690	1,720
4	1,680	1,570	1,300	1,730	1,580	1,480	5,200	9,490	1,940	1,780	1,720	2,230
5	1,710	1,680	1,610	1,730	1,620	1,500	4,680	6,570	1,950	1,670	1,670	3,190
6	1,790	1,910	1,890	1,790	1,560	1,550	3,990	4,680	2,630	1,730	5,880	2,230
7	1,750	1,720	1,840	1,670	1,520	1,480	3,570	4,370	3,160	1,690	4,720	1,950
8	1,650	1,800	1,770	1,660	1,560	1,500	3,320	4,140	2,720	1,860	2,980	1,860
9	1,580	1,740	1,710	1,700	1,580	1,530	2,920	3,750	2,540	1,650	2,290	1,800
10	1,700	1,780	1,430	1,620	1,560	1,530	3,140	3,740	2,220	1,550	6,610	1,720
11	1,580	2,510	1,550	1,510	1,560	1,540	3,300	3,640	2,050	1,770	8,160	1,700
12	1,640	3,650	1,780	1,610	1,560	1,510	3,510	3,890	1,970	2,140	4,640	1,690
13	1,680	3,710	1,780	1,670	1,480	1,530	4,570	4,630	1,950	2,000	3,570	1,690
14	1,670	3,910	1,780	1,620	1,440	1,530	5,300	5,210	3,560	1,760	3,190	1,660
15	1,760	2,790	1,930	1,600	1,390	1,530	5,160	4,930	8,550	1,420	2,750	1,680
16	1,750	2,370	2,000	1,560	1,420	1,450	8,590	4,160	7,370	1,760	2,190	1,960
17	2,680	2,060	1,820	1,560	1,420	1,560	8,080	3,580	4,800	1,600	1,880	3,090
18	2,760	2,260	1,630	1,560	1,500	1,650	5,300	3,240	3,350	1,360	2,280	2,430
19	2,250	2,140	1,610	1,540	1,540	1,930	4,070	2,770	2,510	1,330	2,220	2,060
20	2,220	1,960	1,790	1,490	1,560	2,100	3,640	2,660	2,230	1,440	1,990	2,460
21	2,430	2,010	1,940	1,500	1,540	2,260	4,240	2,510	2,500	1,550	1,860	3,420
22	2,020	2,140	2,340	1,390	1,550	3,300	4,840	2,410	1,850	1,520	1,980	2,670
23	1,760	3,650	2,240	1,310	1,590	4,380	5,440	2,220	1,790	1,790	1,880	2,440
24	1,760	3,980	2,000	1,380	1,540	4,440	5,790	2,220	1,850	1,880	1,690	6,460
25	1,660	3,330	1,870	1,460	1,540	4,500	5,270	2,270	2,030	1,850	1,800	4,470
26	1,890	2,610	1,820	1,480	1,500	4,840	5,020	2,740	1,830	2,020	1,710	3,340
27	2,270	2,300	1,740	1,580	1,490	6,190	8,250	3,560	1,740	1,670	1,800	2,870
28	2,470	1,810	1,650	1,460	1,500	6,670	8,500	3,410	1,850	1,500	1,730	2,550
29	2,080	1,420	1,740	1,460	---	6,930	6,860	2,920	1,710	1,690	1,640	2,890
30	1,760	2,130	1,650	1,520	---	15,800	5,780	2,730	1,750	1,520	1,730	3,160
31	1,630	---	1,610	1,620	---	13,600	---	2,920	---	1,520	1,680	---
TOTAL	58,750	69,930	55,420	49,140	42,870	104,400	158,790	124,970	81,660	52,940	82,950	74,730
MEAN	1,895	2,331	1,788	1,585	1,531	3,368	5,293	4,031	2,722	1,708	2,676	2,491
MAX	2,760	3,980	2,340	1,850	1,660	15,800	8,590	10,300	8,550	2,250	8,160	6,460
MIN	1,580	1,420	1,300	1,310	1,390	1,450	2,920	2,220	1,710	1,330	1,420	1,610

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1900 - 2003, BY WATER YEAR (WY)

MEAN	2,813	3,385	3,025	2,753	2,681	3,982	8,144	7,278	3,976	2,616	2,321	2,396
MAX	7,423	8,635	10,570	6,885	7,192	17,420	14,900	16,650	12,210	8,906	4,518	9,296
(WY)	(1978)	(1996)	(1974)	(1996)	(1981)	(1936)	(1901)	(1969)	(1917)	(1996)	(1990)	(1954)
MIN	1,448	1,511	1,121	1,353	951	789	3,177	2,550	1,795	1,384	1,451	1,307
(WY)	(1911)	(1909)	(1909)	(1909)	(1911)	(1911)	(1995)	(1941)	(1911)	(1911)	(1911)	(1995)

01054500 ANDROSCOGGIN RIVER AT RUMFORD, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1900 - 2003	
ANNUAL TOTAL	1,233,510		956,550		3,782	
ANNUAL MEAN	3,379		2,621		6,696	
HIGHEST ANNUAL MEAN					2,001	
LOWEST ANNUAL MEAN					1911	
HIGHEST DAILY MEAN	29,800	Apr 15	15,800	Mar 30	68,300	Mar 19, 1936
LOWEST DAILY MEAN	1,110	Jan 2	1,300	Dec 4	625	Mar 27, 1911
ANNUAL SEVEN-DAY MINIMUM	1,420	Sep 6	1,430	Jan 20	645	Mar 21, 1911
MAXIMUM PEAK FLOW			18,500	Mar 30	74,000	Mar 20, 1936
MAXIMUM PEAK STAGE			10.18	Mar 30		
10 PERCENT EXCEEDS	6,250		4,750		7,200	
50 PERCENT EXCEEDS	2,000		1,850		2,610	
90 PERCENT EXCEEDS	1,530		1,520		1,770	



ANDROSCOGGIN RIVER BASIN

01055000 SWIFT RIVER NEAR ROXBURY, ME

LOCATION.--Lat 44°38'32", long 70°35'17", Oxford County, Hydrologic Unit 01040002, on left bank 0.2 mi downstream from Philbrick Brook, 2.1 mi downstream from Roxbury, and 7.2 mi upstream from mouth.

DRAINAGE AREA.--96.9 mi².

PERIOD OF RECORD.--

DISCHARGE: June 1929 to current year.

CHEMICAL ANALYSES: Water year 1956.

REVISED RECORDS.--WSP 801: 1934(M). WSP 1301: 1937-38(M), 1942(M). WDR ME-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 615.67 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Oct. 31 to Nov. 10, Nov. 28 to Mar. 29, and period of no gage-height record, Nov. 13-14, which are fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,800 ft³/s, Oct. 24, 1959, gage height, 12.87 ft; minimum discharge, 2.7 ft³/s, Sept. 10-11, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug 10	1045	*2,080	*5.16	No peaks greater than base discharge.			

Minimum discharge, 13 ft³/s, Oct. 9, gage height, 1.02 ft, but may have been lower during period of ice effect, Nov. 4 and Nov. 7-8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	e31	e49	e45	e19	e25	308	303	113	56	23	25
2	17	e27	e45	e46	e40	e26	240	765	117	42	59	23
3	15	e24	e42	e45	e37	e27	201	844	97	37	58	21
4	14	e21	e39	e44	e36	e26	176	395	81	33	45	147
5	16	e23	e36	e46	e39	e26	145	287	83	33	47	98
6	19	e25	e34	e45	e37	e26	152	255	241	34	241	53
7	17	e21	e33	e42	e36	e25	138	267	145	27	153	39
8	15	e18	e31	e39	e35	e25	123	229	121	79	95	32
9	13	e22	e30	e36	e33	e26	114	197	106	123	86	27
10	14	e40	e29	e34	e31	e26	117	178	138	60	1,090	24
11	15	172	e29	e33	e30	e24	167	159	106	117	491	23
12	16	139	e31	e33	e28	e24	250	337	92	169	206	22
13	16	e200	e41	e33	e27	e24	448	362	75	84	151	21
14	34	e174	e63	e32	e25	e23	366	418	842	56	107	19
15	36	122	e147	e30	e24	e23	827	259	477	43	76	19
16	27	88	e89	e28	e23	e24	1,270	202	247	37	63	143
17	121	71	e58	e26	e23	e26	549	170	161	46	56	164
18	89	78	e44	e25	e23	e32	321	150	122	37	67	67
19	55	67	e40	e23	e24	e47	251	134	105	32	51	47
20	95	62	e59	e22	e27	e95	374	120	89	28	42	177
21	69	65	e117	e21	e28	e168	528	115	74	25	37	183
22	47	149	e233	e20	e29	e308	493	114	66	28	34	86
23	37	482	e168	e19	e30	e339	469	99	65	46	30	305
24	31	230	e117	e18	e29	e290	387	97	59	63	26	616
25	29	139	e83	e18	e28	e255	305	116	49	118	25	190
26	42	108	e63	e17	e26	e217	291	130	42	63	27	146
27	152	88	e51	e17	e25	e366	851	244	81	44	29	113
28	88	e57	e46	e16	e25	e340	556	179	120	39	28	122
29	58	e53	e43	e16	---	e552	506	169	57	33	24	145
30	45	e53	e40	e16	---	1,370	368	151	59	28	30	115
31	e36	---	e41	e16	---	553	---	134	---	24	30	---
TOTAL	1,298	2,849	1,971	901	817	5,358	11,291	7,579	4,230	1,684	3,527	3,212
MEAN	41.9	95.0	63.6	29.1	29.2	173	376	244	141	54.3	114	107
MAX	152	482	233	46	40	1,370	1,270	844	842	169	1,090	616
MIN	13	18	29	16	19	23	114	97	42	24	23	19
CFSM	0.43	0.98	0.66	0.30	0.30	1.78	3.88	2.52	1.46	0.56	1.17	1.10
IN.	0.50	1.09	0.76	0.35	0.31	2.06	4.33	2.91	1.62	0.65	1.35	1.23

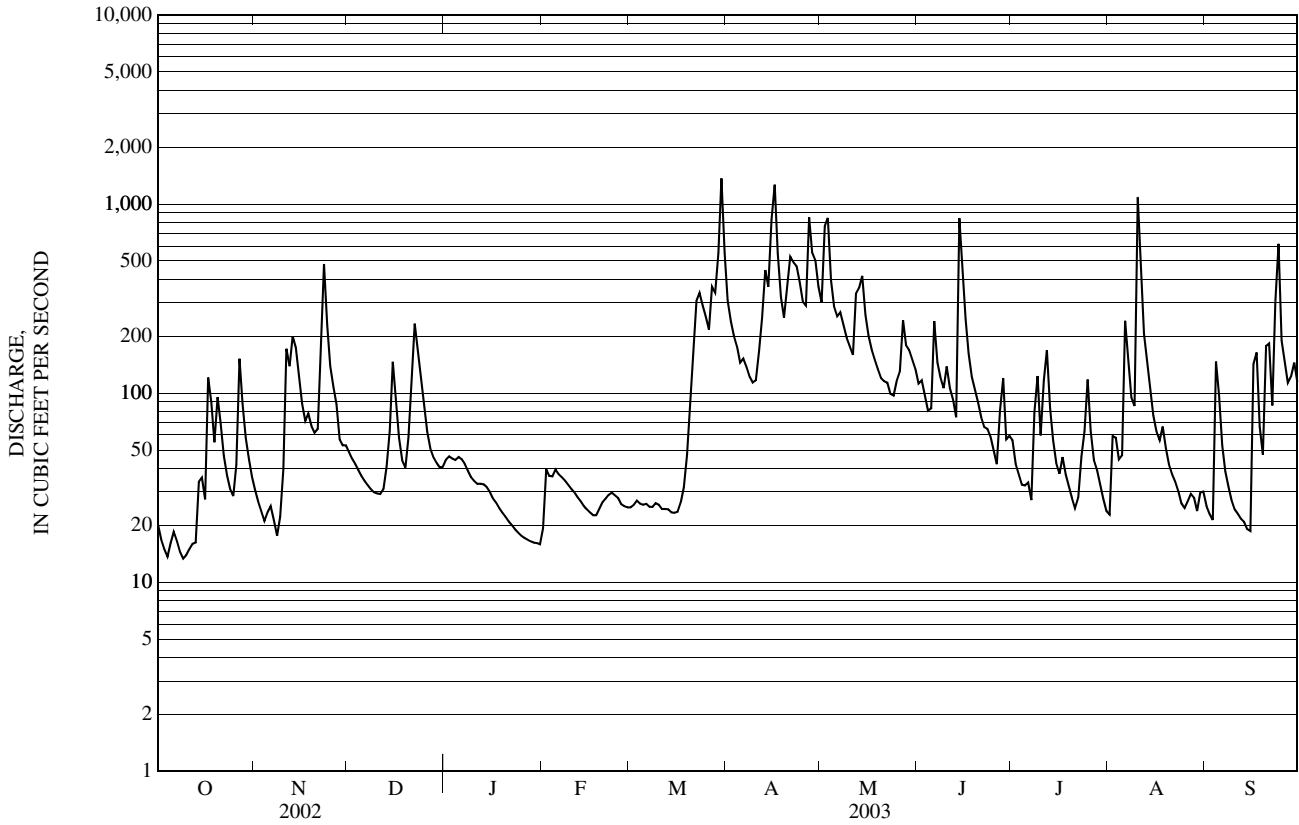
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2003, BY WATER YEAR (WY)

MEAN	141	208	151	110	92.4	203	621	482	178	85.3	60.1	73.4
MAX	545	644	758	676	463	1,315	1,141	1,032	792	483	277	497
(WY)	(1978)	(1964)	(1974)	(1996)	(1970)	(1936)	(1951)	(1972)	(1998)	(1996)	(1991)	(1954)
MIN	14.9	28.5	15.7	17.8	17.3	20.8	255	111	42.4	18.1	9.66	6.10
(WY)	(1948)	(1979)	(1930)	(1948)	(1980)	(1967)	(1995)	(1941)	(1941)	(1952)	(2002)	(1948)

e Estimated

01055000 SWIFT RIVER NEAR ROXBURY, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1929 - 2003	
ANNUAL TOTAL	59,647.5		44,717		201	
ANNUAL MEAN	163		123		103	
HIGHEST ANNUAL MEAN					366	1996
LOWEST ANNUAL MEAN					103	1941
HIGHEST DAILY MEAN	3,290	Apr 14	1,370	Mar 30	9,120	Apr 1, 1987
LOWEST DAILY MEAN	2.9	Sep 10	13	Oct 9	2.9	Sep 10, 2002
ANNUAL SEVEN-DAY MINIMUM	3.4	Sep 7	15	Oct 7	3.4	Sep 7, 2002
MAXIMUM PEAK FLOW			2,080	Aug 10	16,800	Oct 24, 1959
MAXIMUM PEAK STAGE			5.16	Aug 10	12.87	Oct 24, 1959
INSTANTANEOUS LOW FLOW			13	Oct 9	2.7	Sep 10, 2002
ANNUAL RUNOFF (CFSM)	1.69		1.26		2.07	
ANNUAL RUNOFF (INCHES)	22.90		17.17		28.14	
10 PERCENT EXCEEDS	432		305		488	
50 PERCENT EXCEEDS	51		53		82	
90 PERCENT EXCEEDS	8.9		23		22	



ANDROSCOGGIN RIVER BASIN
01055220 DEAD RIVER AT LEEDS, ME

LOCATION.--Lat 44°19'03", long 70°07'21", Androscoggin County, Hydrologic Unit 01040002, on left bank at downstream side of State Route 106 highway bridge at Leeds, and 1.0 miles downstream from Androscoggin Lake.

DRAINAGE AREA.--83.1 mi².

PERIOD OF RECORD.--

DISCHARGE: October 2000 to September 2003 (discontinued).

GAGE.--Water-stage and velocity recorder. Elevation of gage is 264.94 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records poor, including periods of ice effect, Dec. 27, 2000 to Mar. 17, 2001, Dec. 17, 2001 to Mar. 13, 2002, and Nov. 30, 2002 to Mar. 29, 2003; periods of doubtful velocity record, June 4-8, June 27 to July 13, July 20 to Sept. 27, 2001, and Oct. 1, 2001 to Jan. 8, 2002, and periods of no gage-height and velocity record, Oct. 3-24, 2000, Dec. 14, 2000 to Feb. 16, 2001, Mar. 20-26, Dec. 25-26, 2001, Feb. 21-23, Feb. 25 to Mar. 4, Mar. 7-8, Apr. 17-22, 2002, and Feb. 13-21, 2003. Satellite gage-height and velocity telemeter at station. Records for water years 2001 and 2002 have not been previously published and are given below.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,300 ft³/s, Apr. 30, 2001, maximum gage height, 12.82 ft, Apr. 28, 2001; minimum discharge, -4,270 ft³/s, Apr. 25, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 765 ft³/s, Jan. 16; maximum gage height, 8.16 ft, May 4-5; minimum discharge, -537 ft³/s, Nov. 23.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8	-33	e21	e14	e-54	e-17	-12	99	127	122	54	16
2	19	-59	e51	e-17	e74	e-139	43	127	68	132	59	86
3	34	-9	e12	e53	e20	e-74	74	0	79	115	61	52
4	30	7	e-4	e35	e19	e-39	90	5	126	124	59	58
5	-53	11	e58	e25	e102	e41	107	104	71	108	89	-22
6	28	28	e8	e52	e-50	e74	138	134	45	88	63	-8
7	2	-56	e44	e35	e-1	e72	135	133	162	138	19	23
8	-12	7	e14	e68	e4	e53	136	173	127	116	49	36
9	57	19	e0	e76	e19	e75	148	138	101	64	67	66
10	21	25	e7	e125	e17	e51	151	115	71	105	58	-4
11	52	38	e31	e2	e-5	e-64	152	174	172	85	41	78
12	33	-7	e104	e46	e-11	e7	155	132	134	56	29	64
13	24	6	e82	e-40	e-13	e4	111	93	152	64	50	56
14	-29	-29	e69	e-56	e-2	e11	143	125	114	122	41	63
15	26	-35	e34	e20	e16	e-92	90	125	78	125	93	56
16	49	40	e53	e274	e3	e-46	48	137	-3	89	47	61
17	-22	48	e66	e-13	e2	e-81	68	204	131	48	93	-32
18	-32	-96	e-4	e121	e19	e-3	167	324	151	85	80	55
19	31	-25	e0	e1	e7	e-8	151	267	161	94	21	37
20	-13	-8	e-5	e66	e-25	e-46	138	235	193	87	72	61
21	-21	-8	e-42	e43	e15	e49	109	192	179	97	106	-5
22	-10	-3	e82	e0	e22	e-35	81	262	147	40	37	49
23	-16	-96	e25	e15	e45	e-57	91	232	169	95	-9	30
24	9	-87	e6	e73	e157	e21	79	205	174	71	8	-12
25	28	-32	e49	e25	e-22	e11	112	157	137	21	38	28
26	48	-15	e-38	e97	e71	e18	129	167	137	44	36	32
27	-41	6	e34	e52	e44	e23	109	166	125	45	-35	68
28	-39	6	e41	e102	e81	e23	108	117	72	-15	-10	71
29	-7	6	e10	e51	---	e-7	131	133	159	62	60	15
30	4	e49	e57	e49	---	-46	115	205	95	100	7	16
31	21	---	e28	e82	---	-69	---	200	---	78	38	---
TOTAL	229	-302	893	1,476	554	-290	3,297	4,880	3,654	2,605	1,421	1,094
MEAN	7.39	-10.1	28.8	47.6	19.8	-9.35	110	157	122	84.0	45.8	36.5
MAX	57	49	104	274	157	75	167	324	193	138	106	86
MIN	-53	-96	-42	-56	-54	-139	-12	0	-3	-15	-35	-32
CFSM	0.09	-0.12	0.35	0.57	0.24	-0.11	1.32	1.89	1.47	1.01	0.55	0.44
IN.	0.10	-0.14	0.40	0.66	0.25	-0.13	1.48	2.18	1.64	1.17	0.64	0.49

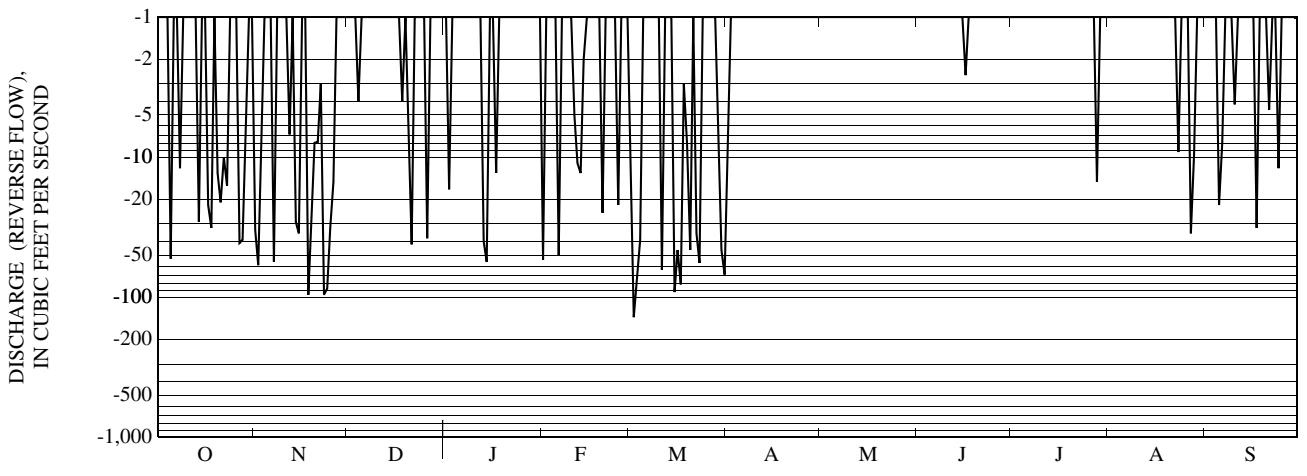
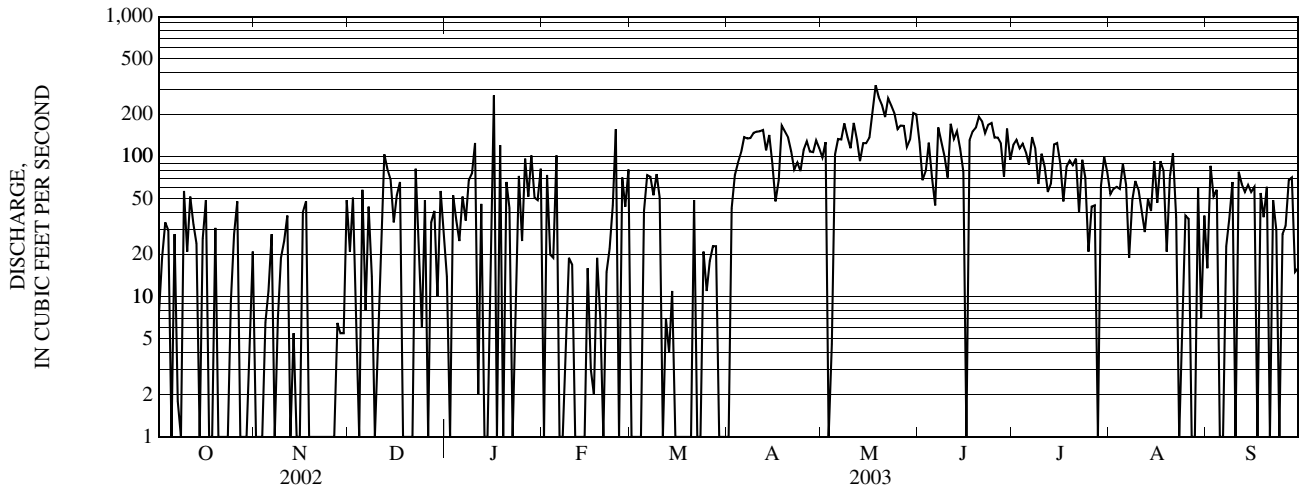
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

MEAN	17.6	11.3	28.8	32.7	11.6	12.0	34.0	317	127	97.3	34.7	29.3
MAX	29.6	38.1	29.3	47.6	19.8	43.6	190	468	139	146	45.9	39.5
(WY)	(2001)	(2001)	(2001)	(2003)	(2003)	(2002)	(2002)	(2001)	(2001)	(2002)	(2003)	(2001)
MIN	7.36	-10.1	28.3	8.69	6.36	-9.35	-198	157	119	62.3	21.8	11.9
(WY)	(2003)	(2003)	(2002)	(2002)	(2002)	(2003)	(2001)	(2003)	(2002)	(2001)	(2002)	(2002)

e Estimated

01055220 DEAD RIVER AT LEEDS, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	27,473		19,511		63.3	
ANNUAL MEAN	75.3		53.5		77.3	
HIGHEST ANNUAL MEAN					53.5	2002
LOWEST ANNUAL MEAN						2003
HIGHEST DAILY MEAN	1,100	Apr 21	324	May 18	1,100	Apr 21, 2002
LOWEST DAILY MEAN	-3,100	Apr 15	-139	Mar 2	-3,300	Apr 25, 2001
ANNUAL SEVEN-DAY MINIMUM	-949	Apr 11	-46	Nov 18	-1,260	Apr 21, 2001
MAXIMUM PEAK FLOW					1,300	Apr 30, 2001
MAXIMUM PEAK STAGE					8.16	May 4
INSTANTANEOUS LOW FLOW					-537	Nov 23
ANNUAL RUNOFF (CFSM)	0.91		0.64		0.76	
ANNUAL RUNOFF (INCHES)	12.30		8.73		10.34	
10 PERCENT EXCEEDS	326		138		205	
50 PERCENT EXCEEDS	26		48		34	
90 PERCENT EXCEEDS	-30		-23		-17	



ANDROSCOGGIN RIVER BASIN

01055220 DEAD RIVER AT LEEDS, ME—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	34	23	e110	e30	e9	17	866	179	e84	e45	e59
2	36	17	7	e103	e20	e-11	17	656	171	e73	e44	e14
3	e27	-4	48	e91	e20	e-9	30	342	69	e60	e45	e26
4	e24	28	44	e91	e20	e-8	30	215	e23	e94	e69	e60
5	e17	28	31	e83	e19	e-13	25	507	e-53	e104	e49	e33
6	e24	3	32	e72	e19	e44	28	745	e40	e72	e15	e29
7	e36	16	28	e50	e14	e19	21	714	e130	e54	e45	e45
8	e24	17	25	e71	e13	e-52	13	696	e204	e93	e66	e56
9	e3	15	15	e49	e8	e82	33	728	210	e83	e27	e44
10	e33	25	29	e34	e2	e73	22	787	223	e3	e27	e38
11	e33	-7	28	e54	e5	e16	-28	795	240	e12	e27	e62
12	e24	7	26	e46	e2	e43	-23	737	240	e25	e22	e24
13	e27	82	31	e42	e21	e-131	-87	744	216	e30	e13	e25
14	e48	94	e23	e39	e10	e-81	-82	645	195	122	e42	e24
15	e31	35	e20	e35	e9	e-71	-48	571	192	110	e29	e22
16	e17	-15	e23	e34	e1	e8	-44	479	235	136	e34	e37
17	e17	44	e-64	e32	e21	e28	-36	417	204	119	e41	e45
18	e27	69	e-767	e29	e-20	9	-25	417	161	112	e61	e36
19	e67	88	e-1,450	e18	e31	7	141	396	172	80	e54	e54
20	e27	81	e115	e16	e-25	e4	268	336	95	e8	e25	e31
21	e-13	72	e578	e16	e-24	e6	231	305	120	e30	e16	e40
22	e64	45	e451	e16	e20	e-19	-32	285	123	e32	e22	e40
23	e45	29	e224	e14	e-6	e-24	-655	290	122	e44	e29	e17
24	e33	62	e276	e12	e-1	e36	-1,680	289	97	e35	e41	e19
25	29	46	e235	e24	e-4	e21	-3,300	256	93	e62	e48	e-3
26	25	47	e107	e23	e-50	e23	-2,910	264	117	e50	e29	e-24
27	21	73	e204	e28	e5	0	-444	324	e119	e30	e12	e58
28	-32	39	e169	e34	e81	-8	635	266	e95	e22	e32	96
29	31	30	e152	e16	---	17	940	199	e76	e61	e31	92
30	66	44	e125	e5	---	12	1,000	153	e68	e62	e32	85
31	50	---	e121	e5	---	24	---	96	---	e30	e60	---
TOTAL	919	1,144	909	1,292	241	54	-5,943	14,520	4,176	1,932	1,132	1,184
MEAN	29.6	38.1	29.3	41.7	8.61	1.74	-198	468	139	62.3	36.5	39.5
MAX	67	94	578	110	81	82	1,000	866	240	136	69	96
MIN	-32	-15	-1,450	5	-50	-131	-3,300	96	-53	3	12	-24
CFSM	0.36	0.46	0.35	0.50	0.10	0.02	-2.38	5.64	1.68	0.75	0.44	0.47
IN.	0.41	0.51	0.41	0.58	0.11	0.02	-2.66	6.50	1.87	0.86	0.51	0.53

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

MEAN	29.6	38.1	29.3	41.7	8.61	1.71	-198	468	139	62.3	36.5	39.5
MAX	29.6	38.1	29.3	41.7	8.61	1.71	-198	468	139	62.3	36.5	39.5
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)
MIN	29.6	38.1	29.3	41.7	8.61	1.71	-198	468	139	62.3	36.5	39.5
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)

e Estimated

01055220 DEAD RIVER AT LEEDS, ME—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e91	e2	e-34	e30	e4	e15	-14	668	198	230	109	-5
2	e42	e5	e-2	e41	e-8	e11	-81	562	138	203	68	32
3	e53	e17	e-6	e35	e4	e-8	-33	472	-39	230	15	44
4	e38	e-7	e-6	e24	e22	e3	-99	470	74	231	30	24
5	e51	e3	e0	e26	e5	e15	0	475	78	205	11	-38
6	e40	e26	e13	e52	e15	e-6	101	493	49	181	-22	-16
7	e0	e51	e18	e55	e111	e0	220	446	31	153	-18	44
8	e16	e48	e-9	e32	e21	e5	210	436	11	224	-27	-3
9	e11	e-25	e1	e-6	e16	e14	206	421	12	176	4	-10
10	e5	e-5	e0	e-46	e40	e9	166	392	119	165	41	19
11	e8	e6	e3	e-42	e-16	e-6	4	413	234	134	60	2
12	e7	e5	e8	e-27	e16	e11	8	401	133	158	41	-29
13	e13	e0	e7	e-19	e-7	e6	11	386	-803	207	34	-20
14	e15	e-6	e15	e25	e13	26	-641	154	-304	177	20	47
15	e18	e-3	e8	e49	e31	20	-3,100	-100	-8	149	19	13
16	e10	e24	e-2	e-29	e-3	20	-2,160	-35	36	151	0	37
17	e23	e-10	e21	e12	e-24	29	e-768	-47	26	155	-29	-17
18	e26	e-13	e60	e25	e-3	44	e283	0	86	126	28	50
19	e0	e-10	e90	e44	e-4	43	e720	-40	248	162	23	27
20	e-10	e28	e97	e22	e-40	66	e1,040	162	308	131	-17	3
21	e-2	e0	e51	e37	e-25	97	e1,100	290	354	122	48	42
22	e9	e-16	e71	e-23	e-10	89	e1,060	403	383	113	9	43
23	e5	e-13	e56	e-14	e15	75	1,050	402	415	69	40	-20
24	e12	e-6	e56	e9	e0	82	1,020	404	293	130	14	24
25	e2	e15	e62	e-35	e9	118	1,040	387	284	110	-9	32
26	e2	e15	e64	e-11	e4	129	1,070	396	265	137	-10	31
27	e0	e25	e58	e28	e-10	126	981	319	252	93	13	23
28	e5	e25	e38	e91	e2	88	810	365	250	64	54	-32
29	e-5	e10	e49	e-21	---	74	816	372	228	33	38	1
30	e4	e-13	e56	e-54	---	85	689	232	213	71	42	11
31	e4	---	e36	e-40	---	69	---	337	---	23	47	---
TOTAL	493	178	879	270	178	1,349	5,709	10,036	3,564	4,513	676	359
MEAN	15.9	5.93	28.4	8.71	6.36	43.5	190	324	119	146	21.8	12.0
MAX	91	51	97	91	111	129	1,100	668	415	231	109	50
MIN	-10	-25	-34	-54	-40	-8	-3,100	-100	-803	23	-29	-38
CFSM	0.19	0.07	0.34	0.10	0.08	0.52	2.29	3.90	1.43	1.75	0.26	0.14
IN.	0.22	0.08	0.39	0.12	0.08	0.60	2.56	4.49	1.60	2.02	0.30	0.16

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2002, BY WATER YEAR (WY)

MEAN	22.8	22.0	28.8	25.2	7.48	22.6	-3.91	396	129	104	29.2	25.7
MAX	29.6	38.1	29.3	41.7	8.61	43.6	190	468	139	146	36.5	39.5
(WY)	(2001)	(2001)	(2001)	(2001)	(2001)	(2001)	(2002)	(2002)	(2001)	(2001)	(2002)	(2001)
MIN	15.9	5.92	28.3	8.69	6.36	1.71	-198	324	119	62.3	21.8	11.9
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2001)	(2002)	(2002)	(2001)	(2002)	(2002)

e Estimated

ANDROSCOGGIN RIVER BASIN

01055500 NEZINSCOT RIVER AT TURNER CENTER, ME

LOCATION.--Lat 44°16'10", long 70°13'49", Androscoggin County, Hydrologic Unit 01040002, on left bank 500 ft upstream from State Route 117 highway bridge at Turner Center, and 3.6 mi upstream from mouth.

DRAINAGE AREA.--169 mi².

PERIOD OF RECORD.--

DISCHARGE: August 1941 to September 1996, August 2001 to current year.

CHEMICAL ANALYSES: Water years 1955, 1961

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

GAGE.--Water-stage recorder. Datum of gage is 276.29 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for period of ice effect, Dec. 2 to Mar. 24, which is fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,900 ft³/s, Mar. 27, 1953, gage height, 11.18 ft; minimum discharge, 5.6 ft³/s, Aug. 29, 1956, gage height, 0.72 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	0300	*1,750	*4.28	No other peak greater than base discharge.			

Minimum discharge, 18 ft³/s, Sept. 3, gage height, 0.95 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	61	132	e97	e51	e57	1,190	359	271	38	31	21
2	26	61	e117	e92	e82	e60	912	346	234	36	45	20
3	27	56	e105	e89	e79	e71	749	592	196	35	67	19
4	29	54	e96	e98	e76	e68	654	602	153	34	67	28
5	30	54	e83	e103	e88	e65	559	461	146	32	60	38
6	30	66	e79	e115	e80	e62	483	374	262	32	54	46
7	32	96	e76	e110	e74	e58	437	386	281	31	56	42
8	32	103	e73	e107	e68	e57	403	370	226	29	54	36
9	32	96	e71	e107	e63	e61	365	336	189	28	50	32
10	32	91	e65	e103	e60	e61	344	305	175	27	58	30
11	31	95	e59	e98	e59	e56	381	274	159	28	89	28
12	30	110	e60	e94	e59	e55	460	299	139	29	170	26
13	31	212	e61	e89	e58	e57	595	363	122	29	210	25
14	39	256	e79	e86	e55	e54	617	351	164	29	222	23
15	40	205	e166	e82	e53	e51	568	315	245	29	155	22
16	42	161	e196	e78	e51	e50	584	277	218	28	113	25
17	80	150	e191	e75	e50	e71	551	243	166	28	91	33
18	113	148	e151	e72	e49	e106	450	217	135	27	72	49
19	93	141	e119	e69	e48	e125	378	196	118	26	63	53
20	76	131	e110	e67	e51	e132	334	178	106	26	53	106
21	66	125	e210	e64	e58	e204	296	161	93	27	45	145
22	59	178	e231	e62	e64	e385	278	149	85	27	40	123
23	54	364	e203	e60	e78	e748	302	138	80	28	36	111
24	49	406	e177	e58	e71	e944	329	138	73	47	33	216
25	46	313	e160	e57	e66	1,060	364	172	65	80	31	252
26	48	252	e145	e55	e62	1,050	348	207	59	79	30	188
27	76	217	e133	e54	e60	1,120	623	335	53	61	28	155
28	92	174	e123	e53	e58	1,360	794	387	48	48	27	143
29	81	145	e115	e52	---	1,410	597	349	44	40	25	166
30	69	141	e108	e51	---	1,540	452	316	41	36	23	164
31	61	---	e102	e51	---	1,630	---	313	---	33	22	---
TOTAL	1,573	4,662	3,796	2,448	1,771	12,828	15,397	9,509	4,346	1,107	2,120	2,365
MEAN	50.7	155	122	79.0	63.2	414	513	307	145	35.7	68.4	78.8
MAX	113	406	231	115	88	1,630	1,190	602	281	80	222	252
MIN	26	54	59	51	48	50	278	138	41	26	22	19
CFSM	0.30	0.92	0.72	0.47	0.37	2.45	3.04	1.82	0.86	0.21	0.40	0.47
IN.	0.35	1.03	0.84	0.54	0.39	2.82	3.39	2.09	0.96	0.24	0.47	0.52

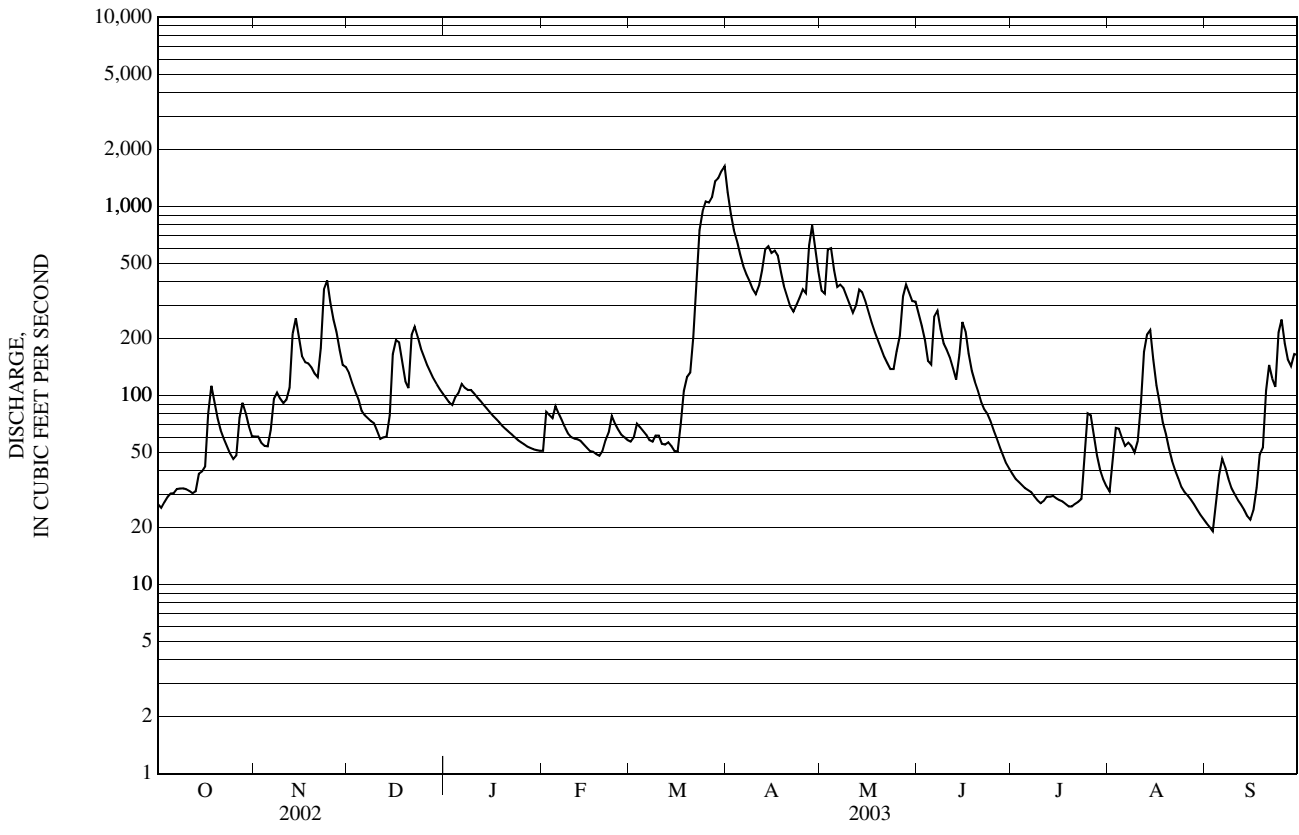
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2003, BY WATER YEAR (WY)

MEAN	161	304	291	213	222	487	958	445	224	117	79.5	79.3
MAX	852	828	1,384	827	1,066	1,747	1,769	1,102	696	641	440	883
(WY)	(1978)	(1984)	(1974)	(1978)	(1970)	(1953)	(1969)	(1989)	(1984)	(1996)	(1976)	(1954)
MIN	22.1	45.3	46.4	38.2	40.3	101	333	148	44.7	23.7	20.5	13.1
(WY)	(1948)	(1953)	(1979)	(1948)	(1980)	(1967)	(1981)	(1959)	(1964)	(1965)	(1970)	(1995)

e Estimated

01055500 NEZINSCOT RIVER AT TURNER CENTER, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1941 - 2003	
ANNUAL TOTAL	81,594		61,922			
ANNUAL MEAN	224		170		298	
HIGHEST ANNUAL MEAN					482	1984
LOWEST ANNUAL MEAN					144	1965
HIGHEST DAILY MEAN	2,080	Apr 4	1,630	Mar 31	10,800	Mar 27, 1953
LOWEST DAILY MEAN	11	Sep 8	19	Sep 3	5.8	Aug 28, 1956
ANNUAL SEVEN-DAY MINIMUM	12	Sep 8	22	Aug 28	6.6	Aug 24, 1956
MAXIMUM PEAK FLOW			1,750	Mar 31	13,900	Mar 27, 1953
MAXIMUM PEAK STAGE			4.28	Mar 31	11.18	Mar 27, 1953
INSTANTANEOUS LOW FLOW			18	Sep 3	5.6	Aug 29, 1956
ANNUAL RUNOFF (CFSM)	1.32		1.00		1.76	
ANNUAL RUNOFF (INCHES)	17.96		13.63		23.98	
10 PERCENT EXCEEDS	598		379		725	
50 PERCENT EXCEEDS	110		80		145	
90 PERCENT EXCEEDS	20		30		35	



01056400 THE BASIN OUTLET AT NORTH AUBURN, ME

LOCATION.--Lat 44°10'38", long 70°16'37", Androscoggin County, Hydrologic Unit 01040002, on left bank at upstream side of dam at the outlet of the Basin, 0.1 mi upstream from North Auburn Road bridge and 0.2 mi upstream from Lake Auburn.

DRAINAGE AREA.-- 8.01 mi².

PERIOD OF RECORD.--

DISCHARGE: February 2000 to July 2003 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 266.13 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Satellite gage-height telemeter at station.

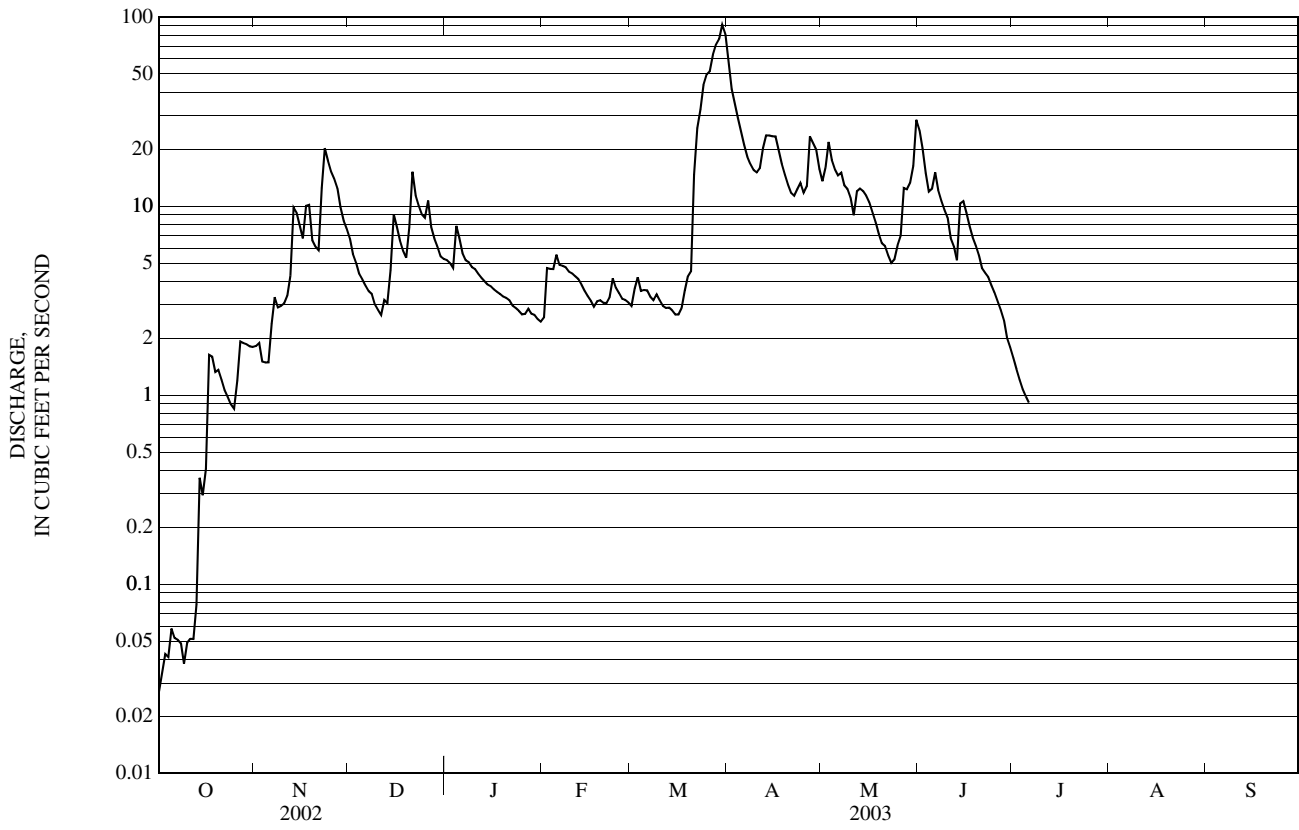
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 164 ft³/s, Mar. 29, 2000, gage height, 3.73 ft; maximum gage height, 3.93 ft, due to installation of weir, Mar. 30, 2003; no flow, Aug. 3 to Nov. 25, 2001 and Aug. 13 to Sept. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge for period Oct. 1 to July 6, 96 ft³/s, Mar. 30, gage height, 3.93 ft; minimum discharge for period Oct. 1 to July 6, 0.03 ft³/s, Oct. 1-2, gage height, 2.91 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.03	1.8	6.7	5.2	2.6	3.0	56	14	25	1.6	---	---
2	0.03	1.9	5.6	5.0	4.7	3.7	42	16	20	1.4	---	---
3	0.04	1.5	5.0	4.7	4.7	4.2	35	22	15	1.2	---	---
4	0.04	1.5	4.4	7.9	4.6	3.6	29	18	12	1.1	---	---
5	0.06	1.5	4.1	6.8	5.5	3.6	25	16	12	0.98	---	---
6	0.05	2.4	3.8	5.6	4.9	3.6	21	15	15	0.91	---	---
7	0.05	3.3	3.6	5.2	4.8	3.3	18	15	12	---	---	---
8	0.05	2.9	3.4	5.1	4.7	3.2	17	13	11	---	---	---
9	0.04	3.0	3.0	4.8	4.5	3.4	16	12	9.6	---	---	---
10	0.05	3.1	2.8	4.6	4.4	3.2	15	11	8.7	---	---	---
11	0.05	3.4	2.7	4.4	4.3	3.0	16	9.0	6.8	---	---	---
12	0.05	4.3	3.2	4.2	4.1	2.9	20	12	6.1	---	---	---
13	0.08	9.8	3.1	4.0	3.9	2.9	24	12	5.2	---	---	---
14	0.37	9.2	4.6	3.9	3.6	2.8	24	12	10	---	---	---
15	0.30	7.9	9.1	3.8	3.4	2.7	23	11	11	---	---	---
16	0.41	6.8	7.8	3.6	3.2	2.7	23	10	9.2	---	---	---
17	1.6	10	6.6	3.5	2.9	2.9	20	9.3	7.9	---	---	---
18	1.6	10	5.8	3.4	3.1	3.6	17	8.2	6.9	---	---	---
19	1.3	6.6	5.3	3.3	3.2	4.2	15	7.2	6.2	---	---	---
20	1.4	6.1	7.7	3.3	3.1	4.5	13	6.4	5.5	---	---	---
21	1.2	5.8	15	3.2	3.1	15	12	6.1	4.7	---	---	---
22	1.1	12	11	3.0	3.3	26	11	5.5	4.4	---	---	---
23	0.98	20	10	2.9	4.1	32	12	5.0	4.2	---	---	---
24	0.90	17	9.1	2.8	3.7	44	13	5.2	3.8	---	---	---
25	0.85	15	8.7	2.7	3.5	50	12	6.2	3.5	---	---	---
26	1.2	14	11	2.7	3.2	52	13	6.9	3.1	---	---	---
27	1.9	12	7.8	2.9	3.2	63	23	12	2.8	---	---	---
28	1.9	9.9	6.7	2.7	3.1	72	22	12	2.5	---	---	---
29	1.9	8.4	6.1	2.7	---	77	20	13	2.0	---	---	---
30	1.8	7.6	5.4	2.5	---	91	16	16	1.8	---	---	---
31	1.8	---	5.3	2.4	---	81	---	29	---	---	---	---
TOTAL	23.13	218.7	194.4	122.8	107.4	670.0	623	366.0	247.9	---	---	---
MEAN	0.75	7.29	6.27	3.96	3.84	21.6	20.8	11.8	8.26	---	---	---
MAX	1.9	20	15	7.9	5.5	91	56	29	25	---	---	---
MIN	0.03	1.5	2.7	2.4	2.6	2.7	11	5.0	1.8	---	---	---
CFSM	0.09	0.91	0.78	0.49	0.48	2.70	2.59	1.47	1.03	---	---	---

01056400 THE BASIN OUTLET AT NORTH AUBURN, ME—Continued



01056480 TOWNSEND BROOK NEAR AUBURN, ME

LOCATION.--Lat 44°09'56", long 70°14'18", Androscoggin County, Hydrologic Unit 01040002, on left bank at upstream side of unnamed culvert crossing, 0.5 mi upstream from mouth, and 1.7 mi north of East Auburn.

DRAINAGE AREA.--1.88 mi².

PERIOD OF RECORD.--

DISCHARGE: April 2000 to July 2003 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 266.78 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of doubtful stage-discharge relation, Oct. 1-31 and Nov. 10 to Jan. 28, which are fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 37 ft³/s, Dec. 18, 2000, gage height, 2.93 ft; minimum discharge, 0.43 ft³/s, Jan. 8 and Feb. 4, 2002, gage height, 1.29 ft.

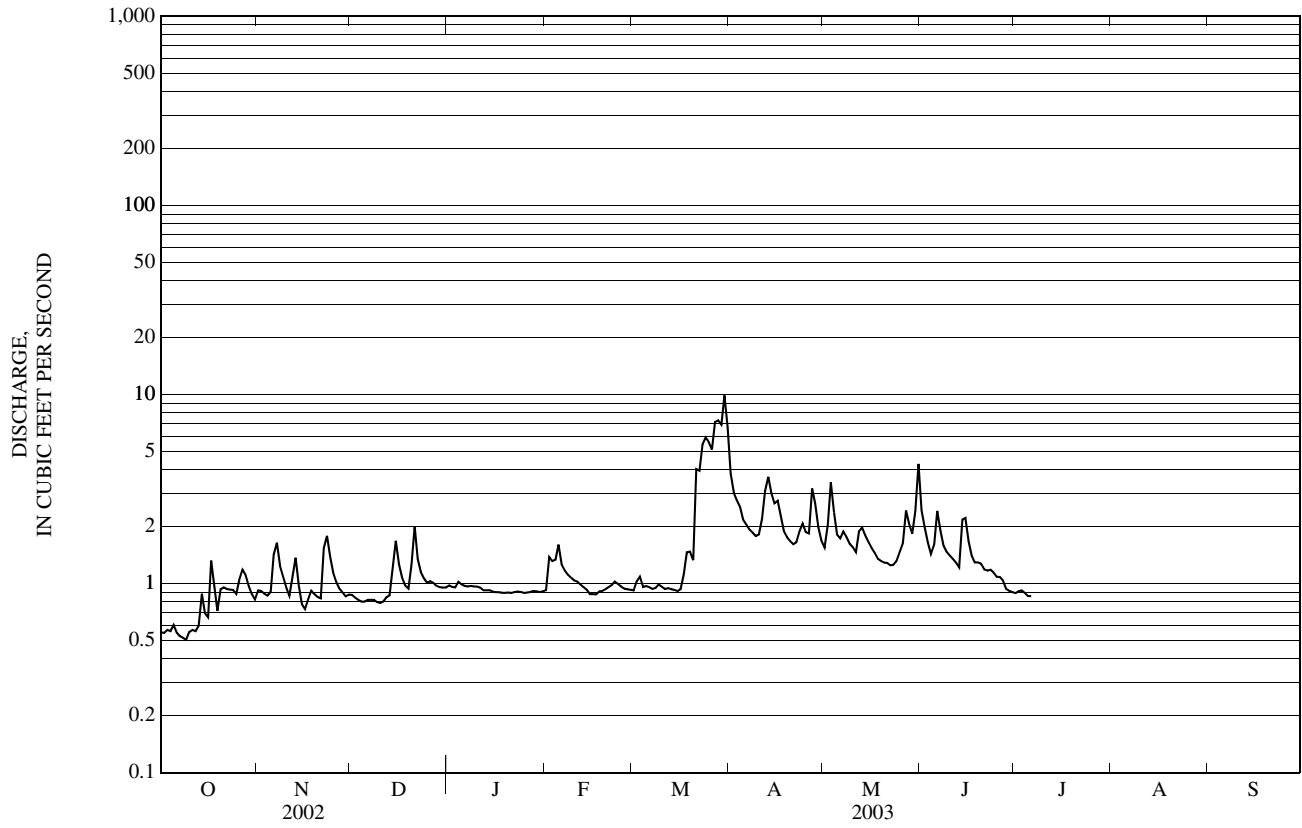
EXTREMES FOR CURRENT YEAR.--Maximum discharge for period Oct. 1 to July 6, 11 ft³/s, Mar. 30, gage height, 2.24 ft; minimum discharge for period Oct. 1 to July 6, 0.48 ft³/s, Nov. 2, gage height, 1.31 ft, but may have been less during period of backwater from debris.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.55	0.92	e0.87	e0.98	0.92	0.92	3.8	1.6	2.4	0.89	---	---
2	e0.55	0.91	e0.84	e0.96	1.4	1.0	3.0	2.0	2.0	0.91	---	---
3	e0.57	0.88	e0.82	e0.95	1.3	1.1	2.8	3.4	1.6	0.92	---	---
4	e0.56	0.86	e0.80	e1.0	1.3	0.96	2.5	2.4	1.4	0.89	---	---
5	e0.60	0.90	e0.80	e0.99	1.6	0.97	2.2	1.8	1.6	0.86	---	---
6	e0.55	1.4	e0.82	e0.97	1.3	0.96	2.0	1.7	2.4	0.86	---	---
7	e0.53	1.6	e0.82	e0.97	1.2	0.94	1.9	1.9	1.9	---	---	---
8	e0.52	1.2	e0.82	e0.97	1.1	0.95	1.9	1.8	1.6	---	---	---
9	e0.50	1.1	e0.80	e0.97	1.1	0.99	1.8	1.6	1.5	---	---	---
10	e0.55	e0.95	e0.79	e0.96	1.0	0.96	1.8	1.6	1.4	---	---	---
11	e0.57	e0.86	e0.80	e0.95	1.0	0.94	2.2	1.5	1.3	---	---	---
12	e0.56	e1.1	e0.85	e0.92	0.99	0.95	3.1	1.9	1.3	---	---	---
13	e0.60	e1.4	e0.87	e0.92	0.96	0.93	3.7	2.0	1.2	---	---	---
14	e0.88	e0.97	e1.2	e0.92	0.93	0.93	3.0	1.8	2.2	---	---	---
15	e0.70	e0.78	e1.7	e0.91	0.88	0.91	2.7	1.7	2.2	---	---	---
16	e0.66	e0.73	e1.3	e0.90	0.88	0.93	2.7	1.5	1.7	---	---	---
17	e1.3	e0.83	e1.1	e0.90	0.88	1.1	2.3	1.5	1.4	---	---	---
18	e0.96	e0.92	e0.98	e0.89	0.91	1.5	1.9	1.4	1.3	---	---	---
19	e0.72	e0.88	e0.94	e0.89	0.91	1.5	1.8	1.3	1.3	---	---	---
20	e0.93	e0.85	e1.3	e0.90	0.94	1.3	1.7	1.3	1.3	---	---	---
21	e0.96	e0.84	e2.0	e0.89	0.96	4.0	1.6	1.3	1.2	---	---	---
22	e0.94	e1.5	e1.3	e0.90	0.98	4.0	1.7	1.2	1.2	---	---	---
23	e0.93	e1.8	e1.1	e0.91	1.0	5.4	1.9	1.3	1.2	---	---	---
24	e0.92	e1.4	e1.1	e0.90	0.99	5.9	2.1	1.3	1.1	---	---	---
25	e0.88	e1.1	e1.0	e0.89	0.96	5.6	1.9	1.5	1.1	---	---	---
26	e1.0	e1.0	e1.0	e0.90	0.94	5.1	1.8	1.6	1.1	---	---	---
27	e1.2	e0.94	e1.0	e0.90	0.93	7.2	3.2	2.4	1.0	---	---	---
28	e1.1	e0.89	e0.97	e0.91	0.93	7.3	2.7	2.1	0.94	---	---	---
29	e0.97	e0.86	e0.96	0.91	---	6.9	2.0	1.8	0.91	---	---	---
30	e0.88	e0.88	e0.95	0.90	---	9.9	1.7	2.4	0.90	---	---	---
31	e0.82	---	e0.95	0.91	---	6.7	---	4.3	---	---	---	---
TOTAL	23.96	31.25	31.55	28.74	29.19	88.74	69.4	56.9	43.65	---	---	---
MEAN	0.77	1.04	1.02	0.93	1.04	2.86	2.31	1.84	1.46	---	---	---
MAX	1.3	1.8	2.0	1.0	1.6	9.9	3.8	4.3	2.4	---	---	---
MIN	0.50	0.73	0.79	0.89	0.88	0.91	1.6	1.2	0.90	---	---	---
CFSM	0.41	0.55	0.54	0.49	0.55	1.52	1.23	0.98	0.77	---	---	---

e Estimated

01056480 TOWNSEND BROOK NEAR AUBURN, ME—Continued



01056505 BOBBIN MILL BROOK NEAR AUBURN, ME

LOCATION.--Lat 44°08'32", long 70°13'34", Androscoggin County, Hydrologic Unit 01040002, on right bank 10 ft upstream from Oak Hill Road culvert and 900 ft downstream from Lake Auburn dam, and in East Auburn.

DRAINAGE AREA.--18.3 mi².

PERIOD OF RECORD.--

DISCHARGE: August 1999 to July 2003 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 232.44 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair, except for flows below 1.0 ft³/s, periods of doubtful stage-discharge relation, Oct. 1 to Mar. 10 and Mar. 18-27, and periods of no gage-height record, Mar. 11-17, which are poor. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 129 ft³/s, Apr. 24, 2001, gage height, 2.47 ft; minimum daily discharge, 0.03 ft³/s, Dec. 4-13, 2002.

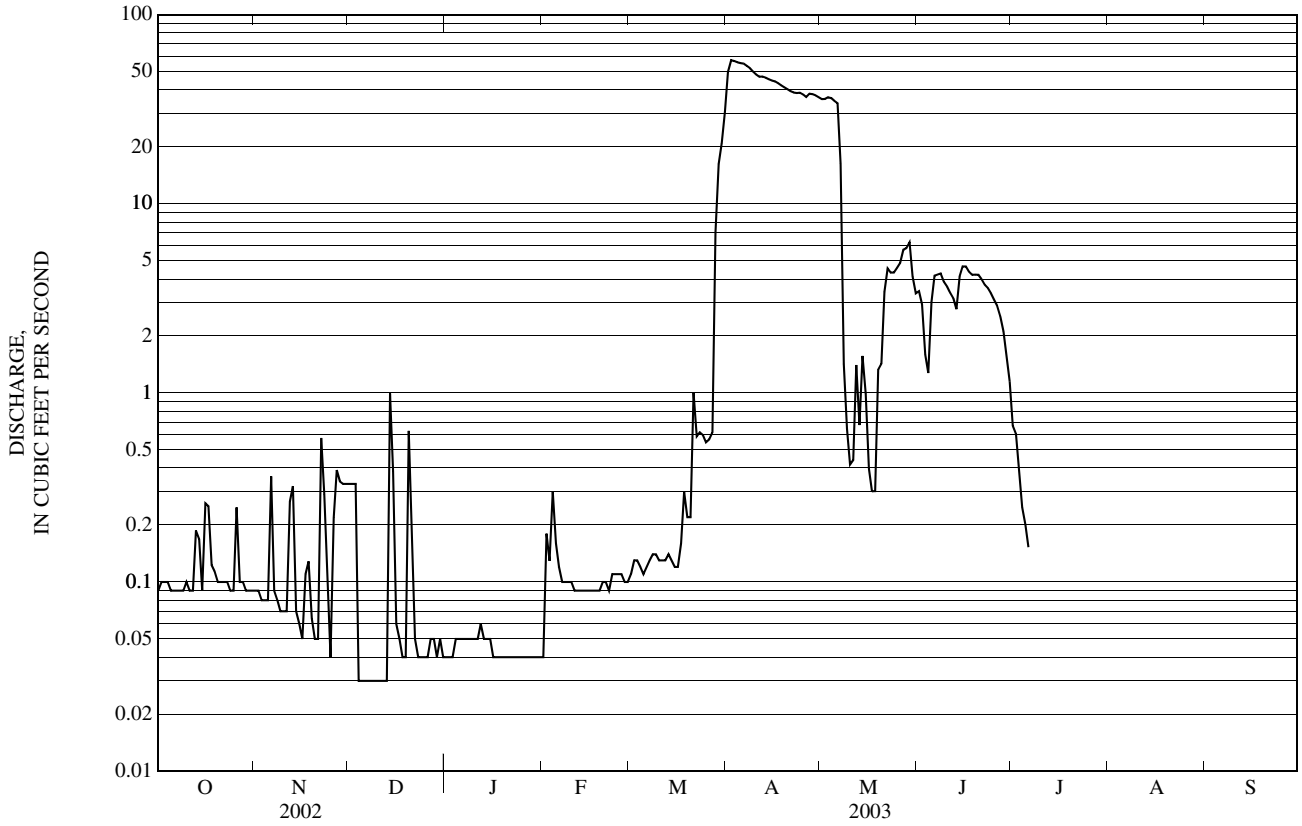
EXTREMES FOR CURRENT YEAR.--Maximum discharge for period Oct. 1 to July 6, 59 ft³/s, Apr. 2, gage height, 1.85 ft; minimum daily discharge for period Oct. 1 to July 6, 0.03 ft³/s, Dec. 4-13.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.09	e0.09	e0.33	e0.04	e0.04	e0.11	50	36	3.5	0.67	---	---
2	e0.10	e0.09	e0.33	e0.04	e0.18	e0.13	57	36	2.9	0.61	---	---
3	e0.10	e0.08	e0.33	e0.04	e0.13	e0.13	57	37	1.6	0.39	---	---
4	e0.10	e0.08	e0.03	e0.05	e0.30	e0.12	56	36	1.3	0.25	---	---
5	e0.09	e0.08	e0.03	e0.05	e0.16	e0.11	56	35	3.0	0.20	---	---
6	e0.09	e0.36	e0.03	e0.05	e0.12	e0.12	55	34	4.2	0.15	---	---
7	e0.09	e0.09	e0.03	e0.05	e0.10	e0.13	54	16	4.2	---	---	---
8	e0.09	e0.08	e0.03	e0.05	e0.10	e0.14	52	1.4	4.3	---	---	---
9	e0.09	e0.07	e0.03	e0.05	e0.10	e0.14	50	0.65	3.9	---	---	---
10	e0.10	e0.07	e0.03	e0.05	e0.10	e0.13	48	0.42	3.6	---	---	---
11	e0.09	e0.07	e0.03	e0.05	e0.09	e0.13	47	0.44	3.4	---	---	---
12	e0.09	e0.27	e0.03	e0.06	e0.09	e0.13	47	1.4	3.2	---	---	---
13	e0.19	e0.32	e0.03	e0.05	e0.09	e0.14	46	0.68	2.8	---	---	---
14	e0.17	e0.07	e0.99	e0.05	e0.09	e0.13	46	1.6	4.1	---	---	---
15	e0.09	e0.06	e0.39	e0.05	e0.09	e0.12	45	0.99	4.7	---	---	---
16	e0.26	e0.05	e0.06	e0.04	e0.09	e0.12	44	0.40	4.7	---	---	---
17	e0.25	e0.11	e0.05	e0.04	e0.09	e0.16	44	0.30	4.4	---	---	---
18	e0.12	e0.13	e0.04	e0.04	e0.09	e0.30	42	0.30	4.2	---	---	---
19	e0.11	e0.06	e0.04	e0.04	e0.09	e0.22	41	1.3	4.2	---	---	---
20	e0.10	e0.05	e0.63	e0.04	e0.10	e0.22	40	1.4	4.2	---	---	---
21	e0.10	e0.05	e0.22	e0.04	e0.10	e1.0	39	3.4	4.0	---	---	---
22	e0.10	e0.58	e0.05	e0.04	e0.09	e0.59	39	4.6	3.7	---	---	---
23	e0.10	e0.29	e0.04	e0.04	e0.11	e0.62	39	4.3	3.6	---	---	---
24	e0.09	e0.09	e0.04	e0.04	e0.11	e0.60	39	4.3	3.4	---	---	---
25	e0.09	e0.04	e0.04	e0.04	e0.11	e0.55	38	4.6	3.1	---	---	---
26	e0.25	e0.22	e0.04	e0.04	e0.11	e0.57	37	4.9	2.9	---	---	---
27	e0.10	e0.39	e0.05	e0.04	e0.10	e0.62	38	5.7	2.5	---	---	---
28	e0.10	e0.34	e0.05	e0.04	e0.10	7.0	38	5.8	2.1	---	---	---
29	e0.09	e0.33	e0.04	e0.04	---	16	37	6.3	1.6	---	---	---
30	e0.09	e0.33	e0.05	e0.04	---	21	37	4.1	1.1	---	---	---
31	e0.09	---	e0.04	e0.04	---	31	---	3.4	---	---	---	---
TOTAL	3.61	4.94	4.15	1.37	3.07	82.48	1,358	292.68	100.4	---	---	---
MEAN	0.12	0.16	0.13	0.044	0.11	2.66	45.3	9.44	3.35	---	---	---
MAX	0.26	0.58	0.99	0.06	0.30	31	57	37	4.7	---	---	---
MIN	0.09	0.04	0.03	0.04	0.04	0.11	37	0.30	1.1	---	---	---

e Estimated

01056505 BOBBIN MILL BROOK NEAR AUBURN, ME—Continued



01057000 LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, ME

LOCATION.--Lat 44°18'12", long 70°32'22", Oxford County, Hydrologic Unit 01040002, on island 50 ft upstream from Snow Falls, and 6 mi upstream from South Paris.

DRAINAGE AREA.--73.5 mi².

PERIOD OF RECORD.--

DISCHARGE: October 1913 to April 1924, October 1931 to current year.

CHEMICAL ANALYSES: Water year 1958.

REVISED RECORDS.--WSP 1301: 1915-23(M). WDR ME-81-1: Drainage area. WDR ME-97-1: 1914-23(M) 1933-83(M).

GAGE.--Water-stage recorder. Datum of gage is 447.00 ft above National Geodetic Vertical Datum of 1929. Prior to Apr. 30, 1924, nonrecording gage, and Oct. 1, 1931, to Apr. 19, 1982, water-stage recorder at site 1.0 mi downstream at datum 52.52 ft lower. Apr. 19, 1982 to Sept. 27, 1983, water-stage recorder at site 1.0 mi downstream at datum 57.00 ft lower.

REMARKS.--Records good, except for period of ice-effect, Nov. 27 to Mar. 21, which is fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,340 ft³/s, Apr. 1, 1987, gage height, 12.22 ft, from rating curve extended above 5,500 ft³/s, on basis of slope-area measurement of peak flow; minimum discharge, 0.60 ft³/s, Sept. 17 and 21, 1995.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	1015	*1,020	*5.87	No other peak greater than base discharge.			

Minimum discharge, 4.2 ft³/s, Oct. 2, gage height, 1.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.0	21	e48	e36	e19	e20	372	162	80	11	8.1	5.2
2	4.4	19	e38	e35	e20	e20	274	198	81	9.2	20	5.0
3	5.2	17	e37	e33	e21	e21	236	370	68	8.3	29	4.7
4	6.8	16	e31	e34	e23	e22	212	254	56	7.5	23	23
5	9.2	17	e29	e38	e24	e22	177	195	63	6.9	24	36
6	14	20	e29	e37	e26	e22	162	167	159	6.6	36	22
7	11	41	e26	e36	e26	e22	142	184	114	6.0	38	17
8	9.2	38	e25	e35	e25	e22	134	158	87	5.9	31	13
9	8.3	34	e23	e36	e25	e22	123	137	76	5.5	27	10
10	7.7	33	e20	e34	e24	e22	120	125	81	4.9	65	8.3
11	7.7	49	e19	e33	e24	e22	157	111	65	6.2	88	7.3
12	7.9	64	e21	e31	e24	e21	200	168	57	12	113	6.6
13	8.5	129	e24	e30	e23	e21	306	193	48	11	163	6.0
14	14	107	e31	e29	e22	e21	286	176	111	7.6	112	5.7
15	16	76	e72	e27	e21	e20	266	147	136	6.2	68	6.0
16	15	58	e69	e27	e19	e20	331	126	97	5.6	48	11
17	38	54	e55	e26	e18	e22	262	109	71	6.5	39	33
18	35	59	e48	e24	e18	e28	192	97	56	6.3	37	21
19	24	54	e42	e23	e18	e41	162	87	49	14	32	17
20	22	49	e44	e23	e19	e48	149	78	42	13	25	58
21	20	47	e83	e22	e20	e91	142	71	36	8.9	21	49
22	17	80	e79	e21	e20	209	135	67	33	7.9	18	35
23	16	183	e70	e19	e21	263	162	60	32	9.2	15	54
24	15	162	e61	e19	e22	297	188	63	29	25	12	237
25	14	114	e52	e18	e22	299	190	80	25	55	10	120
26	17	90	e49	e18	e22	282	183	90	21	32	9.6	86
27	59	e76	e45	e19	e21	481	510	184	19	22	8.5	70
28	43	e60	e41	e20	e21	529	366	153	16	18	7.1	60
29	32	e51	e40	e19	---	500	250	129	14	15	6.3	67
30	26	e52	e36	e19	---	911	193	109	12	11	6.1	61
31	22	---	e35	e18	---	621	---	95	---	9.2	5.6	---
TOTAL	549.9	1,870	1,322	839	608	4,962	6,582	4,343	1,834	373.4	1,145.3	1,154.8
MEAN	17.7	62.3	42.6	27.1	21.7	160	219	140	61.1	12.0	36.9	38.5
MAX	59	183	83	38	26	911	510	370	159	55	163	237
MIN	4.4	16	19	18	18	20	120	60	12	4.9	5.6	4.7
CFSM	0.24	0.85	0.58	0.37	0.30	2.18	2.99	1.91	0.83	0.16	0.50	0.52
IN.	0.28	0.95	0.67	0.42	0.31	2.51	3.33	2.20	0.93	0.19	0.58	0.58

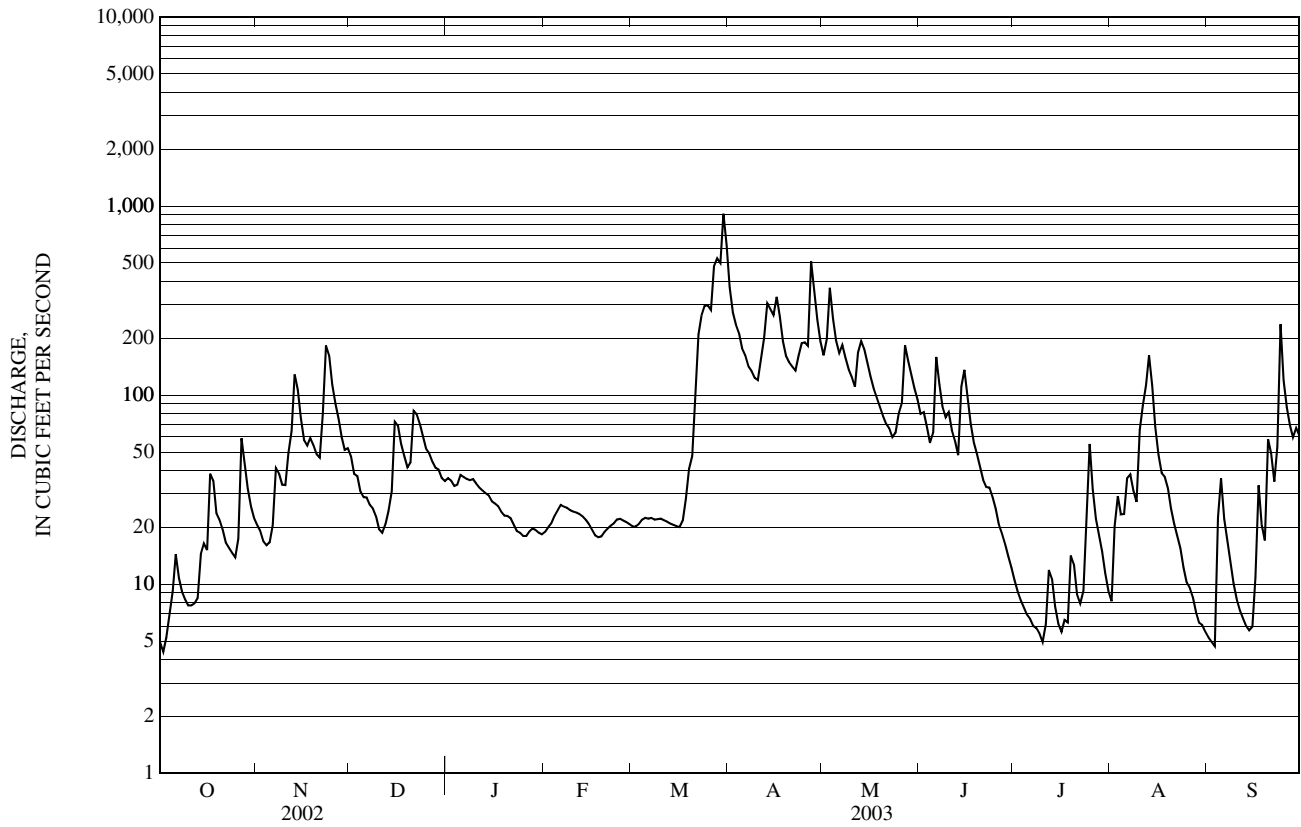
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 2003, BY WATER YEAR (WY)

MEAN	76.5	136	126	87.7	82.5	209	462	213	111	51.3	36.9	41.0
MAX	457	421	608	303	380	1,133	855	531	464	257	193	354
(WY)	(1978)	(1964)	(1974)	(1978)	(1970)	(1936)	(1969)	(1989)	(1917)	(1973)	(1973)	(1954)
MIN	6.14	13.6	9.71	16.2	2.61	31.3	147	63.1	16.7	6.45	4.01	1.28
(WY)	(1948)	(1953)	(1923)	(1948)	(1920)	(1940)	(1995)	(1941)	(1964)	(1991)	(1995)	(1995)

e Estimated

01057000 LITTLE ANDROSCOGGIN RIVER NEAR SOUTH PARIS, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1914 - 2003	
ANNUAL TOTAL	38,023.3		25,583.4		136	
ANNUAL MEAN	104		70.1		219	
HIGHEST ANNUAL MEAN					1973	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	1,320	Apr 14	911	Mar 30	6,760	Apr 1, 1987
LOWEST DAILY MEAN	1.3	Sep 12	4.4	Oct 2	0.65	Sep 17, 1995
ANNUAL SEVEN-DAY MINIMUM	1.4	Sep 9	5.7	Aug 28	0.69	Sep 15, 1995
MAXIMUM PEAK FLOW			1,020	Mar 30	9,340	Apr 1, 1987
MAXIMUM PEAK STAGE			5.87	Mar 30	12.22	Apr 1, 1987
INSTANTANEOUS LOW FLOW			4.2	Oct 2	0.60	Sep 17, 1995
ANNUAL RUNOFF (CFSM)	1.42		0.95		1.85	
ANNUAL RUNOFF (INCHES)	19.24		12.95		25.16	
10 PERCENT EXCEEDS	272		183		327	
50 PERCENT EXCEEDS	44		32		62	
90 PERCENT EXCEEDS	3.6		8.3		11	



01059000 ANDROSCOGGIN RIVER NEAR AUBURN, ME

LOCATION.--Lat 44°04'20", long 70°12'31", Androscoggin County, Hydrologic Unit 01040002, on right bank 1.5 mi downstream from Little Androscoggin River, and 2.1 mi downstream from North Bridge between Auburn and Lewiston.

DRAINAGE AREA.--3,263 mi².

PERIOD OF RECORD.--

DISCHARGE: October 1928 to current year. Monthly discharge only for October 1928, published in WSP 1301.

CHEMICAL ANALYSES: Water years 1952-56, 1966 to 1975.

REVISED RECORDS.--WSP 781: 1930, 1933-34. WSP 1301: 1932-36. WDR ME-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 109.18 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--No estimated daily discharges. Records good. Considerable diurnal fluctuation and some regulation by powerplants above station. Flow regulated by Rangeley, Mooselookmeguntic, Richardson, Azischohos, Umbagog, Auburn, and Thompson Lakes and Gulf Island Pond with major regulation at Errol Dam, 136 mi upstream, combined usable capacity about 30,703,860,000 ft³. Telephone and satellite gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 135,000 ft³/s, Mar. 20, 1936, gage height, 27.57 ft, from rating curve extended above 76,000 ft³/s, on basis of slope-area measurement of peak flow and computation of flow over dam; minimum daily discharge, 340 ft³/s, Sept. 28, 1941.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 28,300 ft³/s, Mar. 31, gage height, 9.92 ft; minimum daily discharge, 1,620 ft³/s, Oct. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

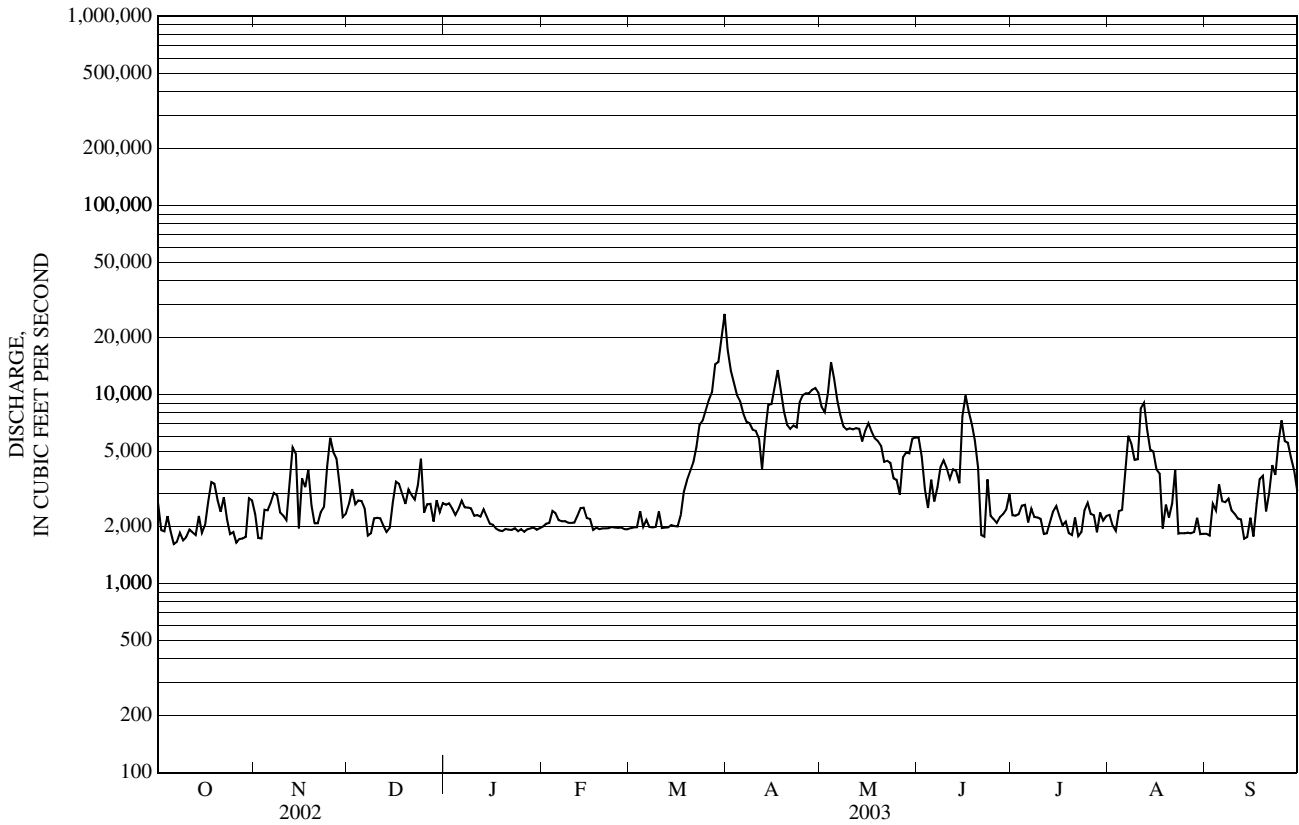
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,660	2,330	2,640	2,610	2,000	1,960	17,200	8,600	5,920	2,300	2,310	1,830
2	1,910	1,740	3,160	2,650	2,070	1,980	13,400	8,060	4,680	2,290	2,030	1,800
3	1,890	1,730	2,630	2,490	2,100	1,990	11,500	10,100	3,140	2,330	1,900	2,650
4	2,270	2,460	2,750	2,310	2,420	2,410	9,880	14,800	2,510	2,590	2,410	2,440
5	1,880	2,440	2,740	2,480	2,360	1,990	9,210	12,100	3,550	2,610	2,450	3,350
6	1,620	2,670	2,500	2,740	2,170	2,170	7,940	9,330	2,720	2,110	3,750	2,720
7	1,660	3,010	1,790	2,530	2,140	1,990	7,180	7,790	3,230	2,490	6,060	2,690
8	1,860	2,930	1,840	2,530	2,140	1,980	7,060	6,770	4,120	2,250	5,510	2,810
9	1,690	2,380	2,210	2,500	2,100	1,990	6,510	6,530	4,480	2,240	4,520	2,440
10	1,760	2,290	2,230	2,280	2,090	2,410	6,420	6,630	4,100	2,200	4,550	2,340
11	1,930	2,170	2,220	2,310	2,100	1,970	5,840	6,530	3,580	1,830	8,450	2,210
12	1,870	3,390	2,020	2,260	2,280	1,980	4,020	6,630	4,020	1,850	9,050	2,190
13	1,810	5,250	1,870	2,470	2,510	1,980	6,370	6,580	3,930	2,110	6,570	1,730
14	2,280	4,870	1,970	2,270	2,520	2,040	8,840	5,650	3,390	2,410	5,100	1,760
15	1,850	1,960	2,680	2,070	2,220	2,020	8,910	6,460	7,670	2,570	5,000	2,230
16	2,050	3,610	3,460	2,050	2,190	2,010	10,900	7,050	9,870	2,270	4,010	1,770
17	2,700	3,230	3,370	1,950	1,920	2,310	13,500	6,370	8,170	2,030	3,810	2,640
18	3,440	4,010	2,990	1,910	1,970	3,060	10,400	5,860	6,970	2,130	1,950	3,570
19	3,380	2,590	2,640	1,890	1,940	3,530	8,130	5,670	5,710	1,850	2,610	3,720
20	2,760	2,080	3,150	1,940	1,960	3,940	6,900	5,350	4,100	1,810	2,240	2,410
21	2,400	2,090	2,930	1,930	1,960	4,360	6,590	4,400	1,800	2,230	2,660	3,010
22	2,860	2,390	2,780	1,920	1,970	5,300	6,860	4,460	1,770	1,780	4,020	4,230
23	2,180	2,550	3,330	1,960	1,990	6,910	6,710	4,350	3,560	1,870	1,840	3,750
24	1,830	4,190	4,570	1,890	1,980	7,270	9,100	3,600	2,290	2,440	1,850	5,640
25	1,870	5,910	2,370	1,940	1,970	8,220	9,930	3,540	2,190	2,670	1,840	7,280
26	1,640	4,960	2,620	1,880	1,980	9,370	10,200	2,950	2,100	2,340	1,860	5,670
27	1,720	4,590	2,640	1,940	1,940	10,300	10,200	4,660	2,250	2,300	1,840	5,550
28	1,730	3,300	2,130	1,960	1,940	14,500	10,600	4,940	2,340	1,870	1,870	4,630
29	1,760	2,250	2,750	1,980	---	14,900	10,800	4,890	2,470	2,380	2,230	3,950
30	2,830	2,340	2,390	1,930	---	19,700	10,200	5,840	2,960	2,150	1,830	3,080
31	2,750	---	2,660	1,960	---	26,700	---	5,930	---	2,280	1,840	---
TOTAL	66,840	91,710	82,030	67,530	58,930	173,240	271,300	202,420	119,590	68,580	107,960	96,090
MEAN	2,156	3,057	2,646	2,178	2,105	5,588	9,043	6,530	3,986	2,212	3,483	3,203
MAX	3,440	5,910	4,570	2,740	2,520	26,700	17,200	14,800	9,870	2,670	9,050	7,280
MIN	1,620	1,730	1,790	1,880	1,920	1,960	4,020	2,950	1,770	1,780	1,830	1,730

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2003, BY WATER YEAR (WY)

MEAN	4,110	5,542	5,192	4,476	4,389	7,320	15,200	11,520	5,911	3,662	3,084	3,216
MAX	13,950	13,340	21,260	10,550	13,570	32,680	23,710	24,940	16,920	12,930	7,185	16,700
(WY)	(1978)	(1996)	(1974)	(1996)	(1970)	(1936)	(1993)	(1937)	(1998)	(1996)	(1976)	(1954)
MIN	1,848	1,904	1,845	1,852	1,881	2,384	5,722	3,688	2,518	2,039	1,762	1,439
(WY)	(2002)	(1953)	(1979)	(1948)	(1948)	(1940)	(1995)	(1941)	(1941)	(1965)	(1995)	(1995)

01059000 ANDROSCOGGIN RIVER NEAR AUBURN, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1929 - 2003	
ANNUAL TOTAL	1,829,850		1,406,220			
ANNUAL MEAN	5,013		3,853		6,136	
HIGHEST ANNUAL MEAN					9,828	1996
LOWEST ANNUAL MEAN					3,500	1941
HIGHEST DAILY MEAN	39,900	Apr 15	26,700	Mar 31	114,000	Mar 20, 1936
LOWEST DAILY MEAN	1,510	Sep 10	1,620	Oct 6	340	Sep 28, 1941
ANNUAL SEVEN-DAY MINIMUM	1,570	Sep 4	1,770	Oct 6	1,320	Aug 29, 1995
MAXIMUM PEAK FLOW			28,300	Mar 31	135,000	Mar 20, 1936
MAXIMUM PEAK STAGE			9.92	Mar 31	27.57	Mar 20, 1936
10 PERCENT EXCEEDS	10,700		7,850		12,900	
50 PERCENT EXCEEDS	2,760		2,510		4,160	
90 PERCENT EXCEEDS	1,790		1,870		1,960	



01060000 ROYAL RIVER AT YARMOUTH, ME

LOCATION.--Lat 43°47'57", long 70°10'45", Cumberland County, Hydrologic Unit 01060001, on right bank 150 ft upstream from East Main Street bridge in Yarmouth.

DRAINAGE AREA.--141 mi².

PERIOD OF RECORD.--

DISCHARGE: October 1949 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is 9.51 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Nov. 30 to Dec. 9, Dec. 17-20, and Dec. 24 to Mar. 17, which are fair. Low flow may be regulated by operation of mills upstream. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,500 ft³/s, Mar. 13, 1977, gage height, 8.46 ft; minimum daily discharge, 5.7 ft³/s, July 23, 1980, caused by unusual regulation.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	0030	*1,830	*3.67	No other peak greater than base discharge.			

Minimum daily discharge, 28 ft³/s, Sept. 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	68	e147	e133	e74	e97	1,100	222	254	43	35	30
2	43	62	e127	e134	e91	e106	709	227	217	40	50	30
3	40	61	e117	e132	e134	e163	556	473	166	39	111	30
4	39	58	e96	e130	e162	e188	491	380	132	39	83	51
5	39	54	e88	e128	e208	e174	417	278	132	39	76	86
6	38	131	e83	e131	e215	e183	372	223	209	46	71	68
7	36	395	e79	e131	e197	e168	363	212	171	53	69	53
8	35	278	e77	e129	e170	e152	331	201	139	48	70	45
9	33	178	e73	e128	e150	e148	313	190	122	45	71	40
10	31	136	68	e122	e134	e149	293	207	117	40	75	36
11	31	116	66	e120	e125	e139	300	175	106	41	70	33
12	30	111	68	e118	e115	e127	476	232	93	45	249	32
13	31	476	72	e117	e110	e134	572	294	82	48	293	30
14	40	608	160	e116	e106	e128	455	251	141	46	186	28
15	53	370	636	e115	e102	e118	370	213	216	41	120	29
16	59	238	599	e114	e100	e111	347	187	178	42	87	38
17	274	200	e345	e113	e98	e134	303	163	140	43	72	60
18	235	288	e212	e113	e96	248	252	144	116	46	67	60
19	135	355	e146	e113	e95	384	224	131	102	43	62	53
20	94	279	e196	e111	e93	394	209	120	89	40	55	82
21	76	248	837	e111	e92	789	195	115	78	38	51	94
22	66	528	657	e109	e92	1,370	189	127	71	36	47	67
23	59	1,040	374	e109	e114	1,400	221	121	139	37	44	59
24	54	827	e265	e106	e149	1,490	231	112	130	45	40	90
25	53	507	e198	e103	e150	1,400	221	140	85	55	38	94
26	62	349	e150	e100	e138	1,230	222	171	74	48	35	75
27	200	289	e162	e98	e122	1,520	730	461	62	41	35	74
28	155	227	e158	e93	e108	1,570	641	401	54	39	36	77
29	107	164	e149	e88	---	1,320	393	301	51	35	34	120
30	87	e169	e139	e82	---	1,600	281	233	47	36	33	128
31	75	---	e132	e77	---	1,680	---	342	---	38	30	---
TOTAL	2,360	8,810	6,676	3,524	3,540	18,814	11,777	7,047	3,713	1,315	2,395	1,792
MEAN	76.1	294	215	114	126	607	393	227	124	42.4	77.3	59.7
MAX	274	1,040	837	134	215	1,680	1,100	473	254	55	293	128
MIN	30	54	66	77	74	97	189	112	47	35	30	28
CFSM	0.54	2.08	1.53	0.81	0.90	4.30	2.78	1.61	0.88	0.30	0.55	0.42
IN.	0.62	2.32	1.76	0.93	0.93	4.96	3.11	1.86	0.98	0.35	0.63	0.47

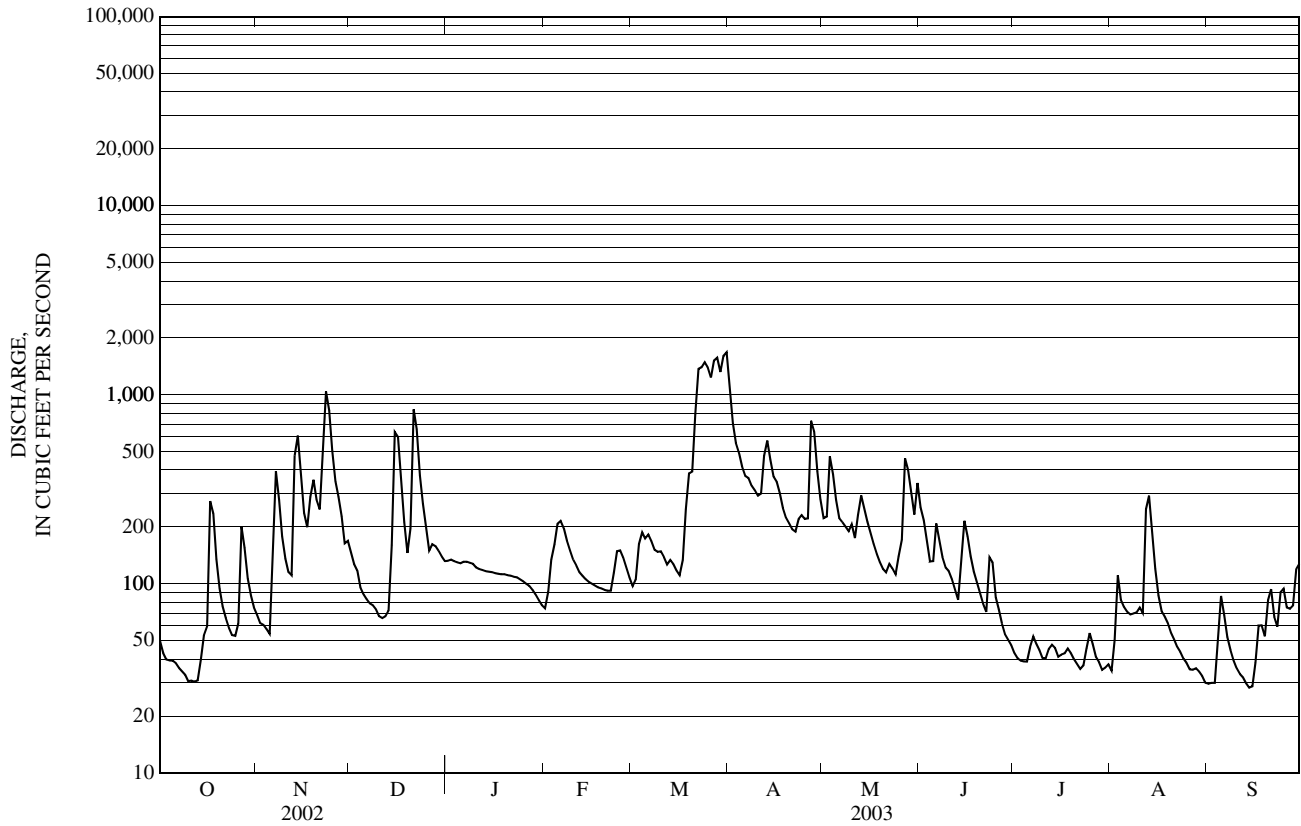
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2003, BY WATER YEAR (WY)

MEAN	141	303	299	225	235	556	734	317	184	90.8	74.0	85.5
MAX	682	851	1,210	704	658	1,603	1,372	1,085	739	434	679	822
(WY)	(1978)	(1984)	(1974)	(1978)	(1970)	(1977)	(1993)	(1989)	(1998)	(1996)	(1991)	(1954)
MIN	30.5	42.8	52.1	52.5	48.8	121	210	91.6	48.4	26.1	19.7	18.7
(WY)	(2002)	(1979)	(1979)	(1981)	(1980)	(1956)	(1985)	(1985)	(1985)	(1965)	(1965)	(1965)

e Estimated

01060000 ROYAL RIVER AT YARMOUTH, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1950 - 2003	
ANNUAL TOTAL	76,686		71,763			
ANNUAL MEAN	210		197		270	
HIGHEST ANNUAL MEAN					480	1984
LOWEST ANNUAL MEAN					132	1965
HIGHEST DAILY MEAN	1,540	Mar 4	1,680	Mar 31	9,980	Mar 13, 1977
LOWEST DAILY MEAN	19	Sep 14	28	Sep 14	5.7	Jul 23, 1980
ANNUAL SEVEN-DAY MINIMUM	20	Sep 9	32	Aug 28	17	Sep 24, 1965
MAXIMUM PEAK FLOW			1,830	Mar 31	11,500	Mar 13, 1977
MAXIMUM PEAK STAGE			3.67	Mar 31	8.46	Mar 13, 1977
ANNUAL RUNOFF (CFSM)	1.49		1.39		1.91	
ANNUAL RUNOFF (INCHES)	20.23		18.93		26.02	
10 PERCENT EXCEEDS	562		393		629	
50 PERCENT EXCEEDS	106		117		120	
90 PERCENT EXCEEDS	30		39		41	



01063310 STONY BROOK AT EAST SEBAGO, ME

LOCATION.--Lat 43°51'22", long 70°38'25", Cumberland County, Hydrologic Unit 01060001, on left bank at upstream side of culvert under State Route 11/114, 0.1 mile upstream from the Northwest River, and 0.6 mile upstream from mouth of Northwest River at Sebago Lake.

DRAINAGE AREA.--0.81 mi², furnished by Maine Department of Transportation.

PERIOD OF RECORD.--

DISCHARGE: October 1995 to current year.

REVISED RECORDS.--WDR ME-99-1: Drainage area.

GAGE.--Water-stage recorder and V-notch sharp-crested weir. Datum of gage is 275.35 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Dec. 25-26, Jan. 1-5, Feb. 9, Mar. 1-2, periods of no gage-height record, Jan. 14-26, Feb. 14-18, and flows between 1.0 ft³/s and 0.10 ft³/s, which are fair, and flows below 0.10 ft³/s, which are poor. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 130 ft³/s, Sept. 17, 1999, gage height, 7.86 ft; minimum discharge, 0.01 ft³/s, Sept. 18-19, 2001, and Aug. 19, 21, 27-28, and Sept. 10, 12-13, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 19 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	1730	*16	*5.01	No peaks greater than base discharge.			

Minimum discharge, 0.07 ft³/s, Oct. 12, 13, gage height, 3.56 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.19	0.40	1.1	e1.0	0.53	e0.55	7.6	2.5	2.2	0.32	0.31	0.16
2	0.15	0.33	0.89	e1.0	0.72	e0.64	6.4	2.9	2.2	0.28	1.4	0.16
3	0.14	0.27	0.82	e1.0	0.77	0.80	6.0	3.9	1.6	0.26	0.98	0.15
4	0.12	0.26	0.72	e1.0	0.92	0.74	5.2	3.1	1.4	0.24	0.72	0.47
5	0.13	0.25	0.66	e1.0	1.2	0.68	4.5	2.6	1.5	0.21	0.61	0.61
6	0.11	0.77	0.67	0.98	0.99	0.66	4.1	2.4	1.8	0.18	0.51	0.58
7	0.10	1.2	0.66	0.98	0.89	0.61	3.8	2.5	1.5	0.17	0.44	0.43
8	0.09	0.85	0.66	0.97	0.80	0.60	3.6	2.2	1.3	0.17	0.42	0.33
9	0.08	0.69	0.61	0.94	e0.74	0.62	3.4	2.2	1.2	0.16	0.39	0.25
10	0.08	0.59	0.53	0.90	0.69	0.58	3.3	2.1	1.1	0.15	0.42	0.20
11	0.08	0.51	0.50	0.85	0.66	0.55	3.6	1.8	0.94	0.30	0.73	0.16
12	0.07	0.71	0.59	0.80	0.61	0.55	5.0	2.7	0.87	0.29	4.6	0.13
13	0.11	2.7	0.62	0.77	0.53	0.56	5.2	2.8	0.82	0.24	4.2	0.14
14	0.25	1.8	1.7	e0.75	e0.49	0.52	4.6	2.4	2.7	0.20	2.3	0.13
15	0.24	1.4	3.5	e0.72	e0.47	0.50	4.3	2.1	2.0	0.17	1.4	0.12
16	0.32	1.0	2.5	e0.70	e0.45	0.52	4.9	1.8	1.5	0.23	1.2	0.55
17	1.6	1.3	1.8	e0.68	e0.43	0.74	4.7	1.6	1.1	0.23	1.5	0.73
18	1.0	1.6	1.3	e0.67	e0.42	1.3	4.1	1.5	0.91	0.21	2.2	0.51
19	0.70	1.4	1.1	e0.65	0.46	1.5	3.6	1.4	0.87	0.18	1.4	0.53
20	0.59	1.1	1.8	e0.64	0.52	1.3	4.5	1.3	0.79	0.24	0.95	0.91
21	0.46	0.97	2.8	e0.62	0.56	4.5	3.5	1.2	0.69	0.32	0.74	0.72
22	0.37	2.4	2.3	e0.60	0.61	5.0	3.1	1.3	0.73	0.25	0.61	0.54
23	0.31	3.4	1.8	e0.59	0.83	5.9	3.8	1.2	0.75	0.26	0.49	0.92
24	0.27	2.8	1.5	e0.58	0.81	6.6	3.7	1.2	0.68	0.22	0.40	1.9
25	0.25	2.3	e1.4	e0.57	0.71	7.2	3.0	1.7	0.57	0.21	0.34	1.2
26	0.58	1.9	e1.3	e0.57	0.64	7.4	4.3	2.2	0.52	0.20	0.31	0.91
27	1.2	1.7	1.3	0.56	0.63	9.7	7.3	3.9	0.47	0.17	0.28	0.79
28	0.82	1.4	1.2	0.54	0.56	10	4.8	3.1	0.43	0.16	0.25	0.70
29	0.64	1.2	1.2	0.52	---	11	3.5	3.2	0.39	0.12	0.22	0.64
30	0.54	1.1	1.1	0.49	---	14	2.8	2.6	0.36	0.11	0.20	0.53
31	0.46	---	1.0	0.50	---	11	---	2.1	---	0.10	0.17	---
TOTAL	12.05	38.30	39.63	23.14	18.64	106.82	132.2	69.5	33.89	6.55	30.69	16.10
MEAN	0.39	1.28	1.28	0.75	0.67	3.45	4.41	2.24	1.13	0.21	0.99	0.54
MAX	1.6	3.4	3.5	1.0	1.2	14	7.6	3.9	2.7	0.32	4.6	1.9
MIN	0.07	0.25	0.50	0.49	0.42	0.50	2.8	1.2	0.36	0.10	0.17	0.12
CFSM	0.48	1.58	1.58	0.92	0.82	4.25	5.44	2.77	1.39	0.26	1.22	0.66
IN.	0.55	1.76	1.82	1.06	0.86	4.91	6.07	3.19	1.56	0.30	1.41	0.74

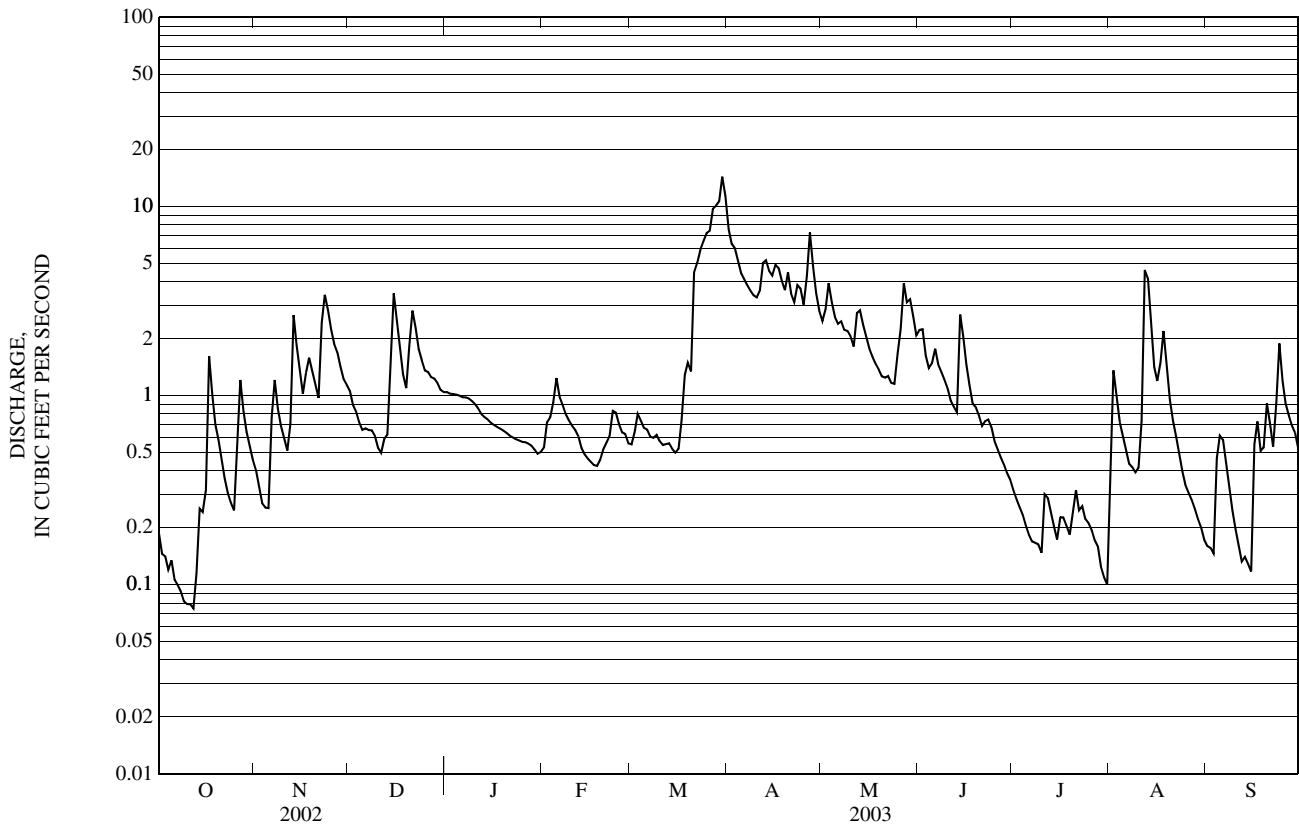
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2003, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2002	2003
MEAN	1.48	1.55	1.54	1.35	1.47	4.05	4.81	2.19
MAX	4.86	3.03	4.72	2.41	2.86	8.23	7.72	3.41
(WY)	(1997)	(1996)	(1997)	(1996)	(1996)	(1999)	(2001)	(1996)
MIN	0.049	0.13	0.20	0.18	0.48	1.42	2.80	1.11
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(1999)	(2001)

e Estimated

01063310 STONY BROOK AT EAST SEBAGO, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1996 - 2003	
ANNUAL TOTAL	390.07		527.51		1.82	
ANNUAL MEAN	1.07		1.45		0.85	
HIGHEST ANNUAL MEAN					2.38	1999
LOWEST ANNUAL MEAN					0.85	2002
HIGHEST DAILY MEAN	12	May 14	14	Mar 30	66	Sep 17, 1999
LOWEST DAILY MEAN	0.01	Aug 18	0.07	Oct 12	0.01	Sep 12, 2001
ANNUAL SEVEN-DAY MINIMUM	0.01	Sep 8	0.09	Oct 6	0.01	Sep 12, 2001
MAXIMUM PEAK FLOW			16	Mar 30	130	Sep 17, 1999
MAXIMUM PEAK STAGE			5.01	Mar 30	7.86	Sep 17, 1999
INSTANTANEOUS LOW FLOW			0.07	Oct 12	0.01	Sep 18, 2001
ANNUAL RUNOFF (CFSM)	1.32		1.78		2.25	
ANNUAL RUNOFF (INCHES)	17.91		24.23		30.51	
10 PERCENT EXCEEDS	2.7		3.6		4.1	
50 PERCENT EXCEEDS	0.64		0.74		0.96	
90 PERCENT EXCEEDS	0.05		0.20		0.13	



01063995 SEBAGO LAKE NEAR NORTH WINDHAM, ME

LOCATION.--Lat 43°46'40", long 70°30'23", Cumberland County, Hydrologic Unit 01060001, 4.5 miles south of Sebago Lake outlet, and 0.2 miles west of State Route 35.

DRAINAGE AREA.--440 mi².

PERIOD OF RECORD.--

ELEVATION: November 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is at National Geodetic Vertical Datum of 1929.

REMARKS.--Satellite gage-height telemeter at station.

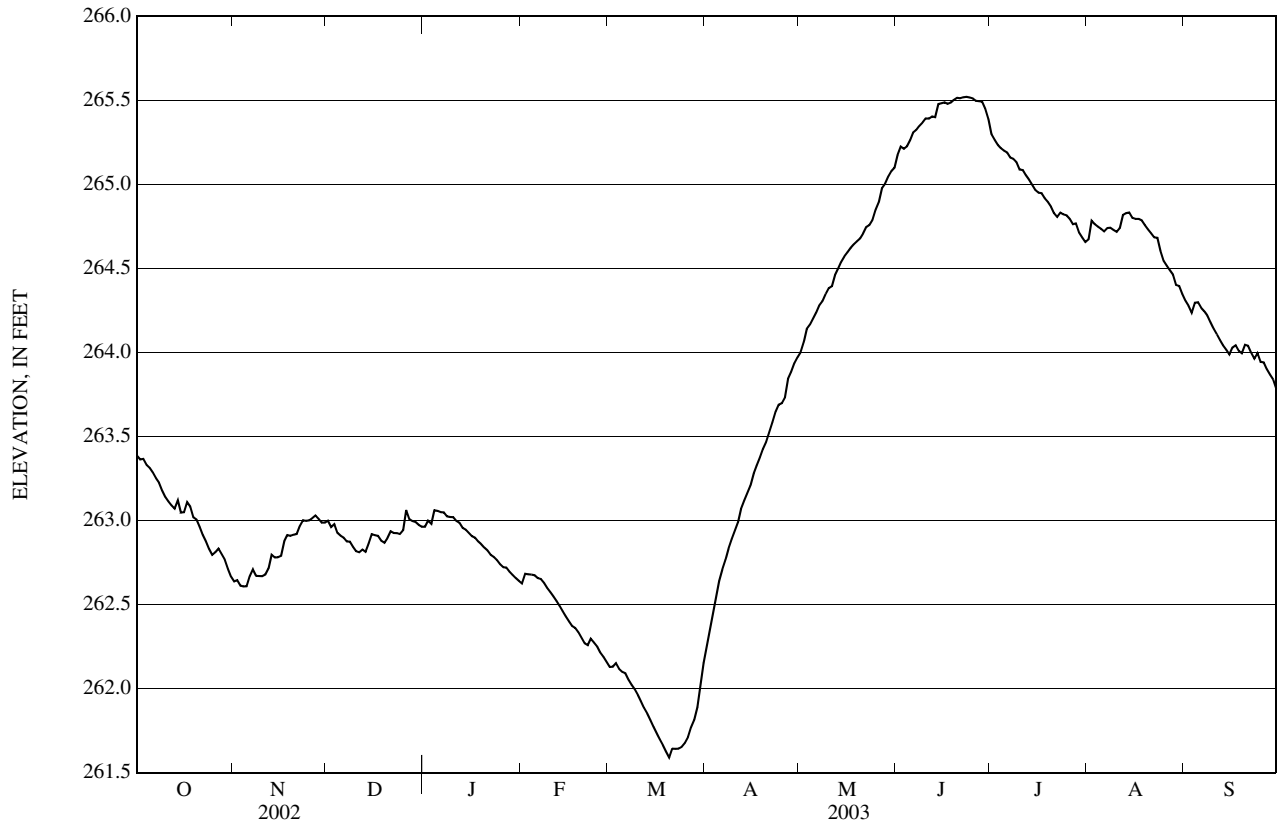
EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 266.46 ft, June 19, 2002; minimum elevation, 260.56 ft, Feb. 10 and 20, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 265.58 ft, June 23; minimum elevation, 261.56 ft, Mar. 20.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	263.39	262.64	263.00	262.96	262.62	262.13	262.26	264.00	265.17	265.30	264.67	264.31
2	263.36	262.64	262.96	263.00	262.68	262.13	262.37	264.06	265.23	265.27	264.78	264.28
3	263.37	262.61	262.98	262.98	262.68	262.15	262.46	264.14	265.21	265.24	264.76	264.24
4	263.33	262.61	262.93	263.06	262.68	262.12	262.55	264.17	265.23	265.22	264.75	264.30
5	263.31	262.61	262.91	263.06	262.67	262.10	262.64	264.20	265.26	265.20	264.74	264.30
6	263.29	262.67	262.90	263.05	262.66	262.09	262.71	264.24	265.31	265.19	264.72	264.27
7	263.25	262.71	262.88	263.05	262.65	262.05	262.77	264.28	265.32	265.16	264.74	264.25
8	263.23	262.67	262.87	263.03	262.63	262.02	262.83	264.31	265.35	265.15	264.74	264.22
9	263.18	262.67	262.84	263.02	262.60	262.00	262.89	264.35	265.37	265.13	264.73	264.18
10	263.14	262.67	262.82	263.02	262.58	261.96	262.94	264.38	265.39	265.09	264.72	264.14
11	263.11	262.68	262.81	263.00	262.55	261.93	262.99	264.39	265.39	265.09	264.74	264.11
12	263.09	262.72	262.83	262.99	262.52	261.88	263.07	264.46	265.40	265.05	264.82	264.07
13	263.07	262.80	262.81	262.96	262.49	261.85	263.12	264.50	265.40	265.03	264.83	264.04
14	263.12	262.78	262.86	262.95	262.46	261.81	263.16	264.54	265.48	265.00	264.83	264.02
15	263.05	262.78	262.92	262.93	262.43	261.77	263.21	264.57	265.48	264.97	264.80	263.99
16	263.05	262.79	262.91	262.91	262.40	261.74	263.28	264.60	265.49	264.95	264.80	264.03
17	263.11	262.88	262.91	262.90	262.37	261.70	263.33	264.62	265.48	264.95	264.79	264.04
18	263.08	262.91	262.88	262.88	262.36	261.66	263.38	264.64	265.49	264.92	264.79	264.01
19	263.02	262.91	262.87	262.86	262.34	261.63	263.43	264.66	265.50	264.90	264.76	264.00
20	263.01	262.92	262.90	262.84	262.30	261.59	263.47	264.68	265.52	264.87	264.73	264.05
21	262.96	262.92	262.94	262.82	262.27	261.64	263.53	264.71	265.51	264.83	264.71	264.04
22	262.91	262.97	262.93	262.80	262.26	261.64	263.58	264.75	265.52	264.81	264.69	264.00
23	262.88	263.00	262.93	262.78	262.30	261.64	263.65	264.76	265.52	264.83	264.68	263.96
24	262.83	263.00	262.92	262.76	262.27	261.65	263.69	264.79	265.52	264.82	264.61	264.00
25	262.80	263.00	262.94	262.74	262.25	261.68	263.70	264.85	265.51	264.82	264.55	263.94
26	262.81	263.01	263.06	262.72	262.22	261.71	263.73	264.89	265.50	264.80	264.52	263.94
27	262.83	263.03	263.01	262.72	262.19	261.77	263.84	264.98	265.50	264.76	264.49	263.90
28	262.80	263.01	263.00	262.70	262.16	261.81	263.89	265.00	265.49	264.77	264.46	263.87
29	262.77	262.99	262.99	262.68	---	261.89	263.94	265.05	265.45	264.71	264.40	263.84
30	262.71	262.99	262.97	262.66	---	262.02	263.97	265.08	265.39	264.68	264.40	263.78
31	262.67	---	262.96	262.64	---	262.15	---	265.10	---	264.66	264.35	---
MEAN	263.05	262.82	262.92	262.89	262.45	261.87	263.21	264.57	265.41	264.97	264.68	264.07
MAX	263.39	263.03	263.06	263.06	262.68	262.15	263.97	265.10	265.52	265.30	264.83	264.31
MIN	262.67	262.61	262.81	262.64	262.16	261.59	262.26	264.00	265.17	264.66	264.35	263.78

01063995 SEBAGO LAKE NEAR NORTH WINDHAM, ME—Continued



01064118 PRESUMPCOT RIVER AT WESTBROOK, ME

LOCATION.--Lat 43°41'13", long 70°20'49", Cumberland County, Hydrologic Unit 01060001, on right bank, 0.4 miles downstream from Cumberland Street Bridge in Westbrook, and at SAPPI Fine Paper bridge.

DRAINAGE AREA.--577 mi².

PERIOD OF RECORD.--

GAGE HEIGHT: November 1998 to current year.

DISCHARGE: October 1975 to September 1995. Prior to October 1984, published as "near West Falmouth".

GAGE.--Water-stage recorder. Datum of gage 13.42 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Gage height affected by regulation of Sebago Lake and many small power plants upstream. Satellite gage-height telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Oct. 22, 1996 reached a stage of 34.10 ft, from floodmarks.

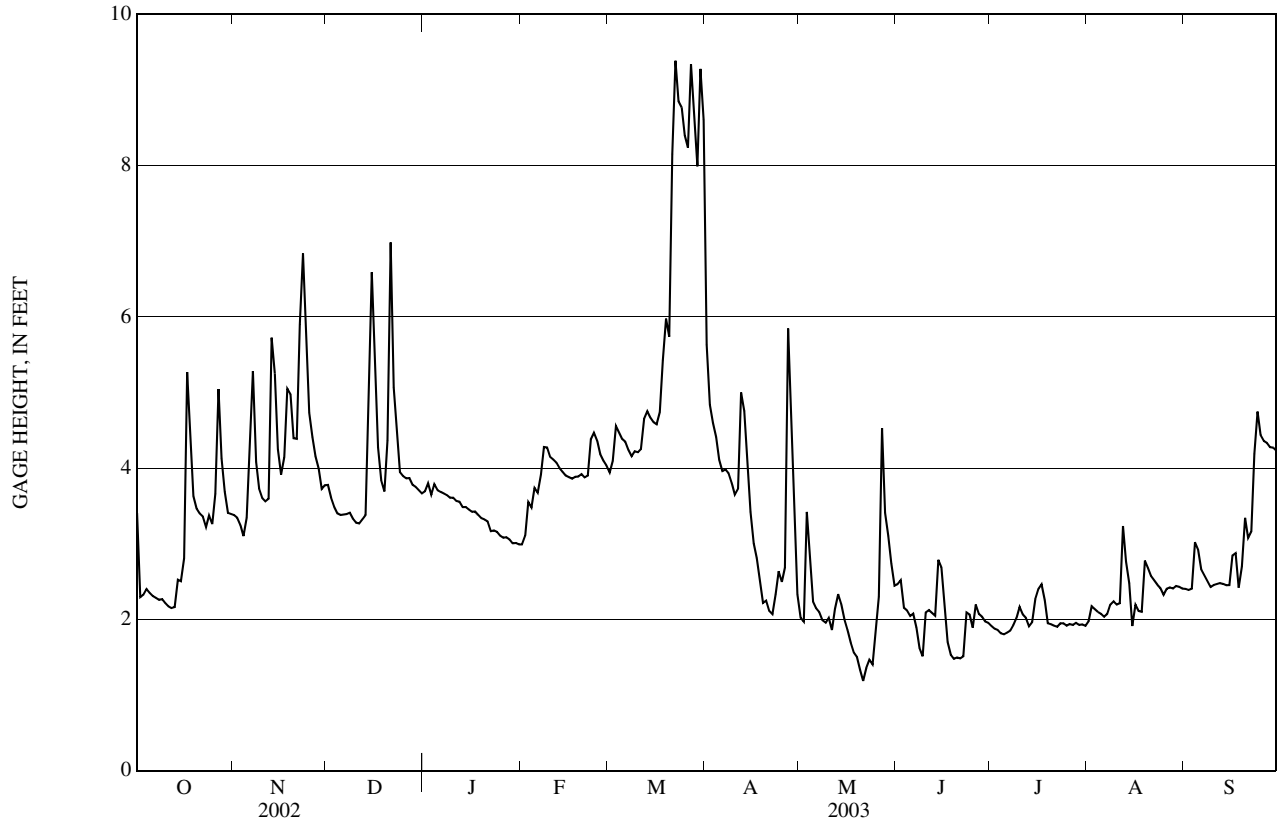
EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.32 ft, Sept. 17, 1999; minimum gage height, 1.04 ft, May 21, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.43 ft, Mar. 21; minimum gage height, 1.04 ft, May 21.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.41	3.38	3.78	3.69	2.99	3.94	5.63	2.02	2.47	1.91	1.98	2.40
2	2.29	3.34	3.61	3.80	3.11	4.10	4.84	1.97	2.52	1.88	2.17	2.39
3	2.32	3.25	3.48	3.65	3.55	4.56	4.60	3.42	2.15	1.86	2.13	2.41
4	2.40	3.10	3.40	3.79	3.48	4.47	4.41	2.81	2.12	1.82	2.10	3.02
5	2.35	3.34	3.38	3.71	3.74	4.38	4.11	2.24	2.04	1.80	2.07	2.93
6	2.31	4.23	3.39	3.68	3.67	4.35	3.96	2.15	2.08	1.83	2.03	2.66
7	2.29	5.28	3.39	3.67	3.91	4.24	3.98	2.10	1.89	1.85	2.07	2.58
8	2.26	4.08	3.41	3.64	4.28	4.16	3.93	1.99	1.62	1.93	2.20	2.50
9	2.27	3.73	3.33	3.61	4.27	4.22	3.80	1.96	1.51	2.02	2.24	2.43
10	2.22	3.60	3.28	3.61	4.15	4.21	3.65	2.02	2.09	2.17	2.20	2.45
11	2.17	3.56	3.27	3.57	4.11	4.25	3.73	1.86	2.12	2.07	2.21	2.47
12	2.15	3.59	3.32	3.56	4.07	4.65	5.00	2.14	2.08	2.02	3.24	2.48
13	2.16	5.73	3.38	3.48	4.00	4.75	4.75	2.33	2.05	1.91	2.76	2.47
14	2.52	5.25	4.79	3.49	3.95	4.67	4.15	2.21	2.79	1.96	2.48	2.45
15	2.51	4.25	6.59	3.45	3.90	4.61	3.42	2.00	2.69	2.27	1.91	2.45
16	2.81	3.91	5.39	3.42	3.88	4.58	3.01	1.86	2.23	2.41	2.19	2.84
17	5.27	4.14	4.28	3.43	3.86	4.74	2.81	1.70	1.70	2.46	2.11	2.88
18	4.38	5.05	3.84	3.38	3.89	5.43	2.52	1.56	1.53	2.26	2.10	2.42
19	3.63	4.98	3.69	3.34	3.89	5.98	2.22	1.50	1.48	1.95	2.78	2.70
20	3.46	4.40	4.37	3.32	3.92	5.74	2.25	1.33	1.50	1.93	2.68	3.34
21	3.40	4.39	6.98	3.30	3.88	8.15	2.11	1.19	1.49	1.92	2.57	3.08
22	3.36	5.90	5.07	3.17	3.90	9.39	2.07	1.36	1.51	1.90	2.52	3.16
23	3.22	6.84	4.45	3.17	4.38	8.85	2.33	1.47	2.09	1.95	2.46	4.19
24	3.38	5.62	3.95	3.16	4.47	8.77	2.64	1.41	2.07	1.95	2.41	4.75
25	3.26	4.73	3.89	3.11	4.36	8.40	2.50	1.80	1.89	1.92	2.33	4.44
26	3.66	4.41	3.86	3.08	4.19	8.24	2.69	2.30	2.20	1.94	2.40	4.36
27	5.05	4.16	3.87	3.09	4.10	9.34	5.84	4.53	2.07	1.93	2.42	4.34
28	4.13	3.99	3.78	3.06	4.03	8.67	4.12	3.41	2.03	1.95	2.41	4.28
29	3.69	3.73	3.75	3.01	---	7.99	3.04	3.10	1.97	1.93	2.44	4.27
30	3.41	3.77	3.71	3.01	---	9.28	2.33	2.74	1.95	1.93	2.43	4.23
31	3.39	---	3.67	2.99	---	8.60	---	2.45	---	1.91	2.41	---
MEAN	3.07	4.32	4.01	3.40	3.93	6.06	3.55	2.16	2.00	1.99	2.34	3.11
MAX	5.27	6.84	6.98	3.80	4.47	9.39	5.84	4.53	2.79	2.46	3.24	4.75
MIN	2.15	3.10	3.27	2.99	2.99	3.94	2.07	1.19	1.48	1.80	1.91	2.39

01064118 PRESUMPCOT RIVER AT WESTBROOK, ME—Continued



01064500 SACO RIVER NEAR CONWAY, NH

LOCATION.--Lat 43°59'27", long 71°05'29", 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, Nov. 29 to Dec. 10, Dec. 17-19, Dec. 25 to Mar. 25, and period of no gage-height record, Jan. 19-27, which are fair. Satellite gage-height 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)
Aug 10	1545	*11,700	*8.88				

No other peak greater than base discharge.

Minimum discharge, 126 ft³/s, Oct. 4, gage height, 2.11 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	161	303	e477	e382	e319	e204	2,190	1,810	921	259	172	278
2	142	284	e435	e372	e327	e200	1,770	2,280	949	236	322	268
3	132	233	e397	e362	e345	e192	1,510	4,130	859	232	403	261
4	127	233	e362	e345	e332	e185	1,340	2,290	738	224	299	704
5	152	236	e331	e356	e296	e204	1,200	1,840	749	215	386	790
6	266	254	e307	e334	e253	e200	1,110	1,690	1,310	207	2,060	475
7	202	302	e290	e313	e251	e205	983	1,590	1,040	195	1,450	377
8	167	262	e272	e300	e258	e217	943	1,500	864	194	902	328
9	149	266	e251	e299	e265	e215	869	1,350	781	185	738	296
10	139	302	e243	e280	e258	e203	822	1,310	775	179	6,830	276
11	138	926	324	e264	e238	e214	926	1,190	699	242	3,580	261
12	139	1,560	366	e266	e226	e219	958	2,010	654	465	2,420	248
13	143	1,650	367	e253	e199	e208	1,370	1,840	576	299	2,270	236
14	163	1,300	396	e236	e176	e184	1,360	1,850	1,030	240	1,550	232
15	211	924	497	e216	e181	e200	1,530	1,510	1,140	210	1,170	245
16	187	738	446	e246	e194	e189	3,870	1,290	855	200	969	581
17	917	680	e329	e253	e219	e210	2,750	1,170	706	230	829	826
18	698	718	e282	e234	e241	e368	1,820	1,080	618	215	820	478
19	434	617	e310	e246	e264	e764	1,470	1,020	574	257	772	396
20	480	571	384	e262	e264	e607	1,460	968	529	247	646	1,180
21	447	572	982	e245	e251	e870	1,890	896	487	201	558	1,110
22	344	637	824	e229	e245	e1,920	2,120	835	457	221	502	705
23	292	1,550	619	e235	e239	e1,630	2,220	768	430	299	459	1,110
24	263	1,190	524	e248	e231	e1,430	1,890	749	397	302	408	3,190
25	237	910	e460	e262	e219	e1,420	1,510	816	374	364	380	1,380
26	251	782	e400	e272	e202	1,590	1,560	1,020	344	329	374	1,070
27	509	704	e422	e279	e219	2,650	4,260	1,880	323	251	356	900
28	518	586	e411	e279	e209	2,250	3,040	1,310	300	215	325	833
29	412	e570	e405	e298	---	2,540	2,810	1,270	278	197	305	1,050
30	349	e524	e389	e306	---	6,610	2,490	1,110	268	183	309	948
31	309	---	e387	e302	---	3,360	---	973	---	170	295	---
TOTAL	9,078	20,384	12,889	8,774	6,921	31,458	54,041	45,345	20,025	7,463	32,859	21,032
MEAN	293	679	416	283	247	1,015	1,801	1,463	668	241	1,060	701
MAX	917	1,650	982	382	345	6,610	4,260	4,130	1,310	465	6,830	3,190
MIN	127	233	243	216	176	184	822	749	268	170	172	232
CFSM	0.76	1.76	1.08	0.74	0.64	2.64	4.68	3.80	1.73	0.63	2.75	1.82
IN.	0.88	1.97	1.25	0.85	0.67	3.04	5.22	4.38	1.93	0.72	3.17	2.03

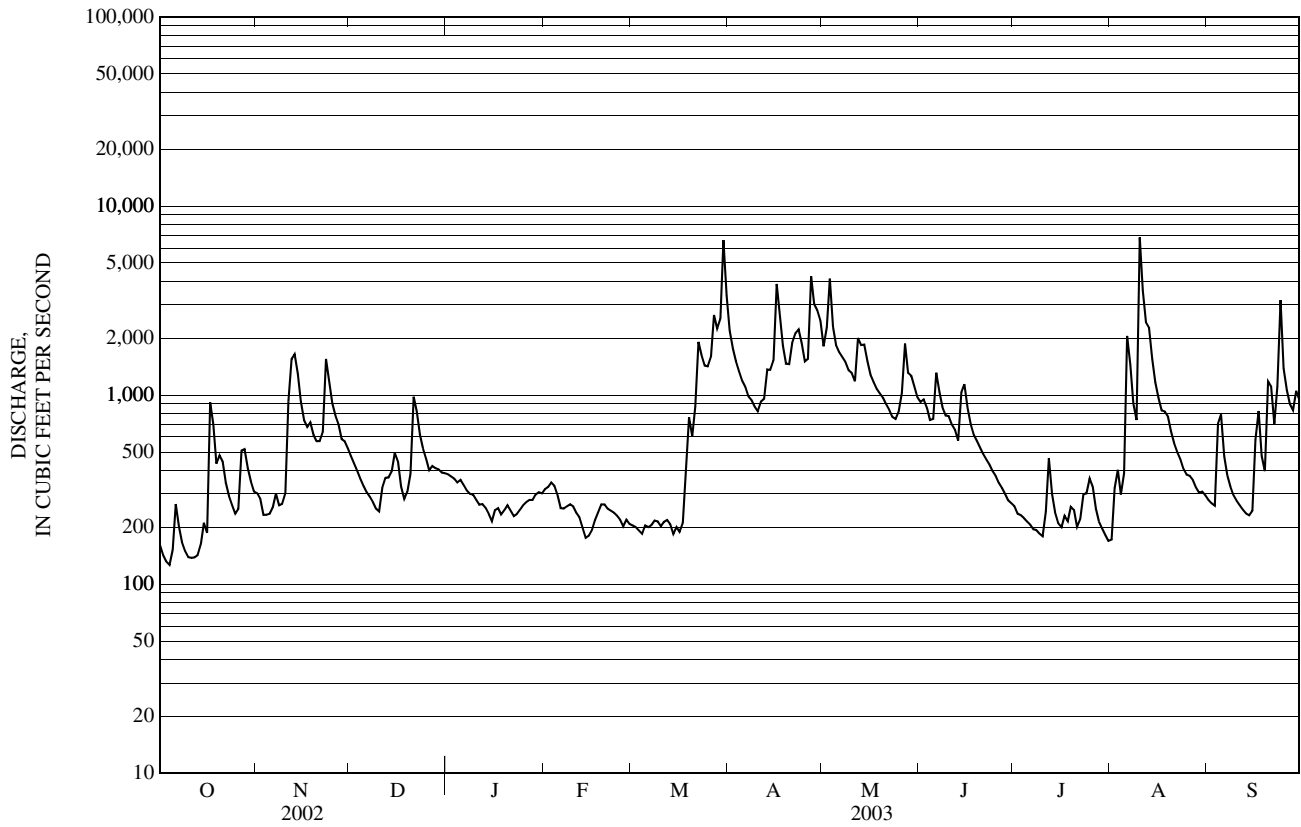
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2003, BY WATER YEAR (WY)

MEAN	635	944	756	566	504	969	2,620	2,212	845	435	361	392
MAX	2,369	2,493	2,656	1,887	3,170	5,986	4,564	4,609	3,644	2,043	1,685	1,794
(WY)	(1978)	(1908)	(1974)	(1986)	(1981)	(1936)	(1987)	(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 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1904 - 2003	
ANNUAL TOTAL	267,818		270,269			
ANNUAL MEAN	734		740		937	
HIGHEST ANNUAL MEAN					1,463	1973
LOWEST ANNUAL MEAN					489	1965
HIGHEST DAILY MEAN	14,900	Apr 14	6,830	Aug 10	33,900	Mar 19, 1936
LOWEST DAILY MEAN	74	Sep 12	127	Oct 4	66	Aug 4, 1959
ANNUAL SEVEN-DAY MINIMUM	84	Sep 6	148	Oct 8	74	Aug 3, 1959
MAXIMUM PEAK FLOW			11,700	Aug 10	47,200	Mar 27, 1953
MAXIMUM PEAK STAGE			8.88	Aug 10	19.03	Mar 7, 1979
INSTANTANEOUS LOW FLOW			126	Oct 4	40	Mar 16, 1932
ANNUAL RUNOFF (CFSM)	1.91		1.92		2.43	
ANNUAL RUNOFF (INCHES)	25.88		26.11		33.07	
10 PERCENT EXCEEDS	1,550		1,640		2,170	
50 PERCENT EXCEEDS	382		386		459	
90 PERCENT EXCEEDS	110		203		184	



01066000 SACO RIVER AT CORNISH, ME

LOCATION.--Lat 43°48'29", long 70°46'53", Cumberland County, Hydrologic Unit 01060002, on left bank 300 ft upstream from State Route 117 highway bridge at Cornish, and 0.4 mi downstream from Ossipee River.

DRAINAGE AREA.--1,293 mi².

PERIOD OF RECORD.--

DISCHARGE: June 1916 to current year.

CHEMICAL ANALYSES: Water years 1954, 1975-95.

SPECIFIC CONDUCTANCE: July 1975 to September 1981.

WATER TEMPERATURE: July 1975 to September 1981.

REVISED RECORDS.--WSP 1301: 1917-18(M). WDR ME-81-1: Drainage area. WDR ME-91-1: 1936 (M).

GAGE.--Water-stage recorder. Datum of gage is 263.48 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 30, 1919, nonrecording gage at bridge 300 ft downstream at datum approximately 1.2 ft higher.

REMARKS.--Records good, except for period of ice effect, Dec. 25 to Mar. 28, and period of no gage-height record, Oct. 24 to Nov. 12, which are fair. Flow partly regulated by powerplants above station; by Ossipee, Silver, Conway, and Kezar Lakes; by Moose, Hancock, Pine River, Bickford and Colcord Ponds; combined capacity, 3.4 billion ft³. Satellite gage-height telemeter at station. Gage is operated in conjunction with a co-located precipitation gage. Records for precipitation are located in the Quantity of Precipitation section in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46,600 ft³/s, Mar. 21-22, 1936, gage height, 21.90 ft (from floodmarks); minimum daily discharge, 244 ft³/s, Oct. 7, 1964.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,110 ft³/s, Apr. 1, gage height, 7.89 ft; minimum daily discharge, 393 ft³/s, Oct. 5.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	432	e909	2,250	e1,620	e919	e912	8,980	5,920	3,560	782	597	761
2	409	e919	2,080	e1,760	e961	e936	8,880	5,820	3,460	762	757	886
3	428	e929	1,900	e1,610	e961	e970	8,480	6,000	2,550	789	868	798
4	431	e832	1,670	e1,710	e927	e941	7,870	5,960	2,270	743	909	788
5	393	e712	1,690	e1,580	e1,010	e935	7,140	6,030	2,120	705	1,150	1,360
6	408	e839	1,270	e1,560	e1,030	e918	6,490	5,880	2,200	685	1,340	1,660
7	405	e990	1,240	e1,650	e973	e890	5,820	5,590	2,390	672	2,380	1,550
8	434	e1,070	1,420	e1,590	e1,000	e832	5,320	5,270	2,440	639	2,570	1,150
9	444	e984	1,720	e1,540	e994	e890	4,850	5,010	2,430	595	2,140	921
10	426	e916	2,010	e1,540	e1,010	e908	4,430	4,750	2,370	614	1,910	845
11	420	e1,040	1,810	e1,500	e994	e890	4,230	4,420	2,220	617	3,340	811
12	1,020	e1,280	1,830	e1,390	e1,020	e908	4,200	4,240	2,210	616	4,300	801
13	1,040	2,050	1,570	e1,280	e973	e897	4,330	3,990	2,080	604	5,180	708
14	1,020	1,960	1,540	e1,160	e986	e865	4,250	3,740	2,140	673	5,080	679
15	856	2,360	1,690	e1,070	e986	e890	4,380	3,740	2,210	648	4,960	698
16	842	2,420	1,660	e1,190	e990	e890	4,690	3,560	2,330	686	4,690	819
17	1,190	2,770	1,500	e1,110	e944	e886	4,950	3,310	2,070	628	4,300	750
18	1,260	2,740	1,660	e1,090	e941	e905	5,240	3,370	2,010	655	3,930	793
19	1,460	2,660	1,510	e1,210	e868	e916	5,390	3,220	2,020	586	3,010	951
20	1,340	2,570	1,390	e1,150	e889	e1,120	5,320	3,030	1,880	612	2,650	1,410
21	1,260	2,470	1,570	e1,060	e884	e1,450	5,110	2,920	1,810	599	2,370	1,320
22	955	2,500	1,660	e1,050	e879	e2,270	4,930	2,820	1,760	610	2,150	1,720
23	826	2,550	1,760	e1,010	e923	e2,750	4,960	2,610	1,580	551	1,720	2,220
24	e979	2,820	1,850	e1,110	e916	e3,030	4,960	2,520	1,520	571	1,660	2,940
25	e934	2,860	e1,780	e1,060	e912	e3,450	4,860	2,500	1,430	550	1,460	3,260
26	e985	2,890	e1,710	e1,060	e912	e4,090	4,820	2,560	1,190	628	1,330	3,290
27	e1,120	2,860	e1,640	e984	e938	e4,830	5,530	3,080	1,090	647	1,240	3,030
28	e1,410	2,590	e1,690	e984	e906	e5,630	5,740	3,730	885	602	1,050	2,880
29	e1,190	2,460	e1,670	e1,030	---	7,080	5,980	3,770	861	593	859	2,830
30	e1,130	2,350	e1,580	e1,060	---	8,190	6,080	3,740	938	591	874	2,630
31	e982	---	e1,520	e950	---	8,830	---	3,680	---	565	887	---
TOTAL	26,429	57,300	51,840	39,668	26,646	69,899	168,210	126,780	60,024	19,818	71,661	45,259
MEAN	853	1,910	1,672	1,280	952	2,255	5,607	4,090	2,001	639	2,312	1,509
MAX	1,460	2,890	2,250	1,760	1,030	8,830	8,980	6,030	3,560	789	5,180	3,290
MIN	393	712	1,240	950	868	832	4,200	2,500	861	550	597	679

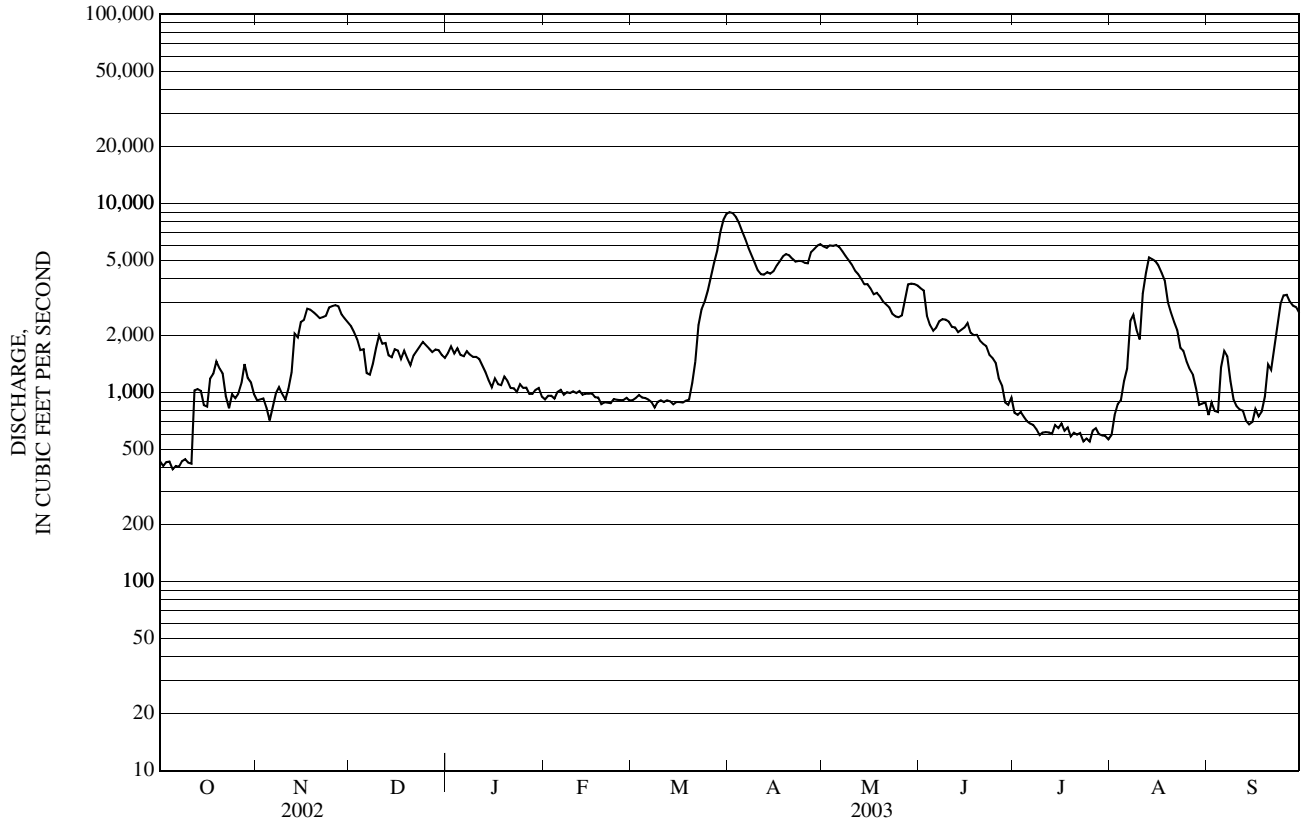
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1916 - 2003, BY WATER YEAR (WY)

MEAN	1,514	2,397	2,527	1,972	1,915	3,202	7,307	5,456	2,574	1,411	1,062	1,048
MAX	6,887	7,048	8,630	5,791	6,258	16,220	12,740	11,720	9,008	6,802	3,425	5,073
(WY)	(1978)	(1996)	(1974)	(1978)	(1986)	(1936)	(1969)	(1937)	(1998)	(1973)	(1990)	(1954)
MIN	406	608	560	528	615	805	2,751	1,707	860	486	394	342
(WY)	(1948)	(1979)	(1948)	(1948)	(1918)	(1940)	(1995)	(1941)	(1964)	(1991)	(2002)	(1995)

e Estimated

01066000 SACO RIVER AT CORNISH, ME—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1916 - 2003	
ANNUAL TOTAL	720,240		763,534			
ANNUAL MEAN	1,973		2,092		2,694	
HIGHEST ANNUAL MEAN					4,076 1973	
LOWEST ANNUAL MEAN					1,372 1965	
HIGHEST DAILY MEAN	11,600	Apr 18	8,980	Apr 1	45,600	Mar 21, 1936
LOWEST DAILY MEAN	248	Sep 13	393	Oct 5	244	Oct 7, 1964
ANNUAL SEVEN-DAY MINIMUM	261	Sep 9	415	Oct 1	261	Sep 9, 2002
MAXIMUM PEAK FLOW			9,110	Apr 1	46,600	Mar 21, 1936
MAXIMUM PEAK STAGE			7.89	Apr 1	21.90	Mar 21, 1936
10 PERCENT EXCEEDS	4,580		4,890		6,110	
50 PERCENT EXCEEDS	1,260		1,450		1,680	
90 PERCENT EXCEEDS	387		677		665	



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: October 1968 to current year.

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. Prior to Oct. 2000, water-stage recorder at site 200 ft downstream at same datum.

REMARKS.--Records good, including periods of no gage-height record, Oct. 23, Nov. 5, Nov. 17, 20-25, July 6-7, 9-10, 13, and 20, except for period of doubtful stage-discharge relation, October 1-19, which are poor. Flow regulated by Great East and Lovell Lakes and Horn, Wilson, and Milton (also controls Northeast and Town House) Ponds, combined usable capacity about 1.28 billion ft³.

EXTREMETS FOR PERIOD OF RECORD.--Maximum discharge, 4,000 ft³/s, Apr. 6, 1984, gage height, 6.70 ft; minimum daily discharge, 14 ft³/s (corrected), Sept. 19-22, 2002 and Oct. 2-3, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,310 ft³/s, Mar. 31, gage height, 4.99 ft; minimum daily discharge, 14 ft³/s, Oct. 2-3.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	237	231	236	44	50	1,060	244	302	41	21	31
2	14	236	148	234	45	51	610	244	237	31	24	31
3	14	235	93	161	75	51	461	279	179	28	34	31
4	15	233	92	105	90	51	492	293	180	27	43	31
5	15	e232	93	106	91	52	488	284	180	26	60	31
6	15	232	95	107	91	52	446	264	143	e24	72	31
7	15	231	95	108	92	76	364	207	97	e22	81	31
8	15	224	95	108	92	93	329	184	105	21	94	30
9	15	222	95	108	92	93	345	193	113	e20	90	30
10	15	220	95	159	92	92	347	197	103	e19	85	30
11	15	221	95	191	94	91	361	195	94	19	89	29
12	15	219	95	189	95	77	458	222	100	18	138	29
13	16	219	95	187	94	67	579	258	104	e18	166	29
14	16	219	96	185	94	67	581	277	111	17	158	29
15	15	217	98	182	93	67	525	271	117	17	149	29
16	15	216	101	97	92	67	486	188	116	20	144	33
17	16	e213	102	42	91	67	459	147	108	25	142	36
18	16	170	146	42	91	67	343	150	103	27	104	36
19	17	132	171	42	92	68	270	150	100	29	57	35
20	32	e132	171	43	91	112	270	118	97	e27	56	36
21	98	e132	175	43	90	186	261	91	91	25	56	36
22	131	e185	177	42	89	221	259	161	90	25	56	57
23	e168	e225	221	42	90	301	271	186	66	26	55	76
24	194	e231	253	42	90	457	303	173	47	26	54	118
25	203	e239	252	43	90	554	420	166	54	25	43	154
26	222	239	251	43	89	609	454	171	55	23	32	156
27	224	236	248	44	89	720	488	307	57	22	32	147
28	235	237	246	43	65	819	515	379	68	21	31	139
29	241	235	246	43	---	802	349	360	62	20	31	135
30	239	233	243	43	---	903	246	339	55	20	31	133
31	238	---	239	44	---	1,160	---	312	---	20	31	---
TOTAL	2,514	6,452	4,853	3,104	2,423	8,143	12,840	7,010	3,334	729	2,259	1,779
MEAN	81.1	215	157	100	86.5	263	428	226	111	23.5	72.9	59.3
MAX	241	239	253	236	95	1,160	1,060	379	302	41	166	156
MIN	14	132	92	42	44	50	246	91	47	17	21	29

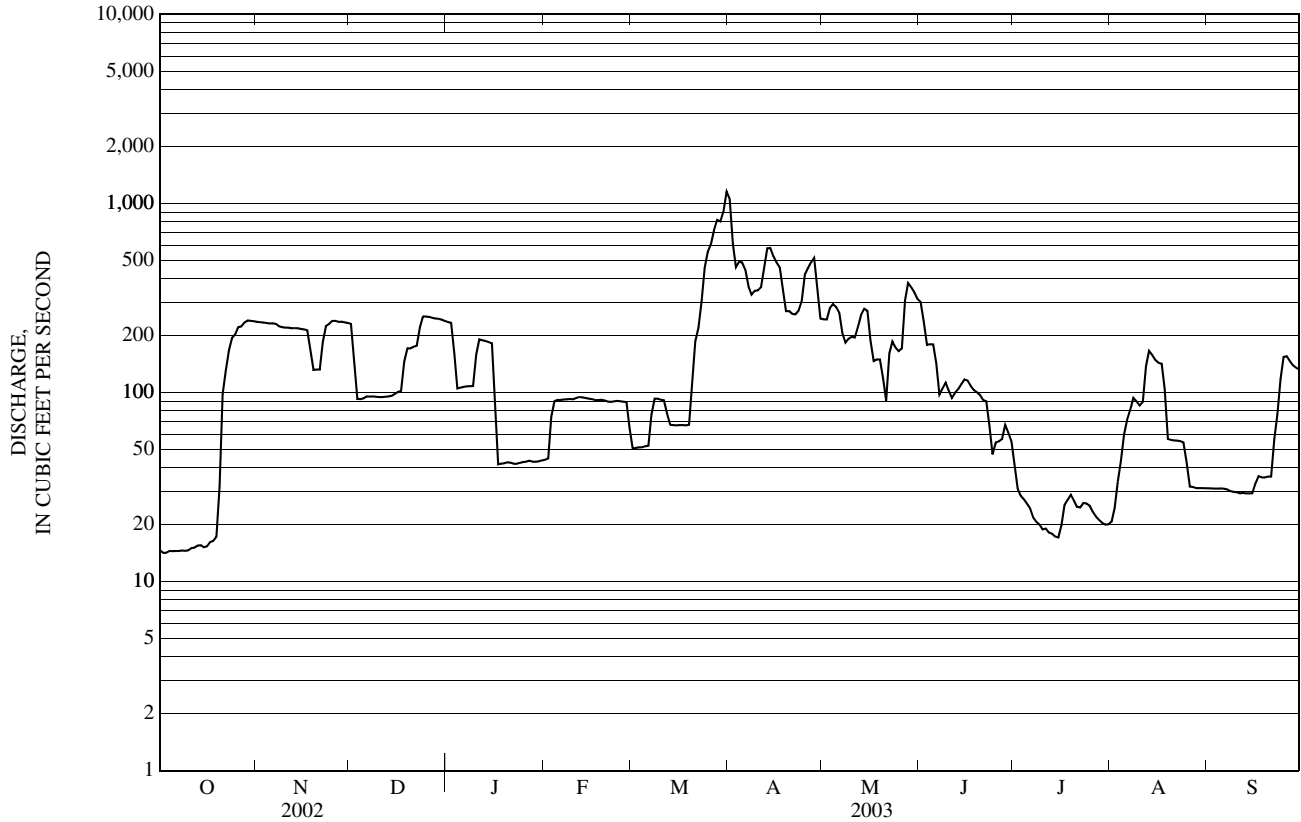
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2003, BY WATER YEAR (WY)

MEAN	176	194	218	172	182	312	430	223	134	65.4	59.9	73.8
MAX	499	487	604	384	439	720	908	431	650	181	165	162
(WY)	(1978)	(1996)	(1984)	(1978)	(1970)	(1979)	(1969)	(1984)	(1998)	(1996)	(1982)	(1999)
MIN	81.1	62.7	27.7	27.1	60.8	108	103	55.4	35.5	23.5	19.8	15.0
(WY)	(2003)	(2002)	(2002)	(2002)	(1977)	(1993)	(1985)	(1985)	(1999)	(2003)	(2002)	(2002)

e Estimated

01072100 SALMON FALLS RIVER AT MILTON, NH—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1969 - 2003	
ANNUAL TOTAL	42,746		55,440		187	
ANNUAL MEAN	117		152		94.7	
HIGHEST ANNUAL MEAN					307	1984
LOWEST ANNUAL MEAN					94.7	2002
HIGHEST DAILY MEAN	983	May 15	1,160	Mar 31	3,220	Mar 15, 1977
LOWEST DAILY MEAN	14	Sep 19	14	Oct 2	14	Sep 19, 2002
ANNUAL SEVEN-DAY MINIMUM	14	Sep 16	15	Oct 1	14	Sep 16, 2002
MAXIMUM PEAK FLOW			1,310	Mar 31	4,000	Apr 6, 1984
MAXIMUM PEAK STAGE			4.99	Mar 31	6.70	Apr 6, 1984
10 PERCENT EXCEEDS	245		305		395	
50 PERCENT EXCEEDS	93		95		131	
90 PERCENT EXCEEDS	15		24		36	



As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the U.S. Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are sometimes made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at low-flow partial-record stations are presented in the following table. Discharge measurements made at special study and miscellaneous sites are given in a separate table.

Low-flow partial-record stations

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. These measurements were made during periods of base flow when streamflow is primarily from ground-water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, will give a picture of the low-flow potentiality of a stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site.

Measurements were made at several different sites, at other than base flow conditions. The measurements information is not included in the table, but can be obtained by contacting the U.S. Geological Survey at: Maine District Office, U.S. Geological Survey, Attn: Data Section Chief, 196 Whitten Road, Augusta, ME, 04330.

Discharge measurements made at low-flow partial-record stations during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured Previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
MACHIAS RIVER BASIN						
Larry Brook 01021458	Mopang Stream	Lat 44°48'11", long 67°49'45", Washington County, downstream end of culvert in unnamed road, 0.2 mi upstream from the confluence with Mopang Stream, near Brewster Corner, Maine.	---	2000-2003	08-29-03	^a 0.001
New Stream 01021488	Old Stream	Lat 44°53'52", long 67°40'09", Washington County, under downstream side of bridge on unnamed road, 0.4 mi upstream of the confluence with Huntley Brook, near Wesley, Maine.	10.3	2000-2003	09-09-03	0.79
PLEASANT RIVER BASIN						
Pleasant River ^b 01022220	Atlantic Ocean	Lat 44°46'08", long 67°55'23", Washington County, on right bank in T18 MDBPP, 7 mi downstream from Pleasant River Lake, 4 mi upstream from Crebo Brook, and 4.5 mi east of Deblois, Maine.	25.5	2000-2003	07-08-02 07-25-02 08-21-02	32.6 8.89 4.30
UNION RIVER BASIN						
Garland Brook 01024200	Union River	Lat 44°43'17", long 68°24'40", Hancock County, upstream end of culvert in Route 181, 1.2 mi upstream from mouth, near Mariaville, Maine.	9.79	1964-82 ^b , 2000-2003	08-29-03 09-09-03	0.81 1.50
Unnamed trib to Winkumpaug Brook 01025445	Winkumpaug Brook	Lat 44°37'37", long 68°37'42", Hancock County, downstream end of culvert in Winkumpaug Road, just upstream of the confluence with Winkumpaug Brook, near Ellsworth, Maine.	0.253	2000-2003	08-29-03 09-09-03	^a 0.004 ^a 0.01
Winkumpaug Brook 01025450	Branch Lake Stream	Lat 44°37'37", long 68°37'42", Hancock County, 80 ft downstream of culvert in Winkumpaug Road, 1.7 mi above Branch Lake, near Ellsworth, Maine.	1.98	2000-2003	08-29-03 09-09-03	0.006 0.07

^a Volumetric measurement

^b Operated as a continuous-record gaging station

^c Flume measurement

Special study and miscellaneous sites

Discharge measurements in the following table were made at special study and miscellaneous sites throughout the State.

Discharge measurements made at special study and miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
ST. JOHN RIVER BASIN						
Prestile Stream 01017560	St. John River	Lat 46°45' 26", long 67°51' 12", Aroostook County, at outfall of Mars Hill wastewater treatment plant, 0.3 mi downstream from Rocky Brook, near Mars Hill, Maine.	86.3	1991, 1998-2003	11-06-02	25.9
					08-13-03	86.2
					09-05-03	32.6
ANDROSCOGGIN LAKE BASIN						
Unnamed tributary 01056420	Lake Auburn	Lat 44°10'42", long 70°16'23", Androscoggin County, downstream end of culvert in Johnson Road, 700 ft north of North Auburn Road, near Auburn, Maine.	0.34	2000-2003	06-29-00	0.05 ^a
					07-06-00	0.28 ^a
					08-16-00	0.15 ^a
					08-21-00	0.02 ^a
					08-28-00	0.008 ^a
					09-06-00	0.00 ^a
					09-27-00	0.00 ^a
					10-18-00	0.02 ^a
					03-29-02	1.23
					05-08-02	0.41
					05-14-02	6.95
					07-22-02	0.004 ^a
					08-20-02	0.00
					10-31-02	0.03 ^a
					04-21-03	0.39 ^a
04-21-03	0.38 ^a					
Unnamed tributary 01056450	Lake Auburn	Lat 44°09'51", long 70°15'47", Androscoggin County, downstream end of culvert in Lake Shore Drive, 1.6 mi northwest of State Route 4, near Auburn, Maine.	0.23	2000-2003	06-01-00	0.25
					06-29-00	0.01 ^a
					08-16-00	0.09 ^a
					08-21-00	0.001 ^a
					08-28-00	0.00
					09-06-00	0.00
					09-27-00	0.00
					10-18-00	0.00
					03-29-02	0.54
					05-08-02	0.30 ^a
					05-14-02	4.05
					07-22-02	0.00
					08-20-02	0.00
					10-31-02	0.00
					04-21-03	0.28 ^a
Unnamed tributary 01056460	Lake Auburn	Lat 44°09'39", long 70°15'21", Androscoggin County, downstream end of culvert in Lake Shore Drive, 1.2 mi northwest of State Route 4, near Auburn, Maine.	0.56	2000-2003	06-29-00	0.04 ^a
					07-06-00	0.22 ^a
					08-16-00	0.12 ^a
					08-21-00	0.01 ^a
					08-28-00	0.01 ^a
					09-06-00	0.007 ^a
					09-27-00	0.005 ^a
					10-18-00	0.01 ^a
					03-29-02	1.56
					05-08-02	0.55 ^a
					05-08-02	0.60 ^a
					05-14-02	16.2
					07-22-02	0.01 ^a
					08-20-02	0.004 ^a
					10-31-02	0.02 ^a
04-21-03	0.52 ^a					

^a Volumetric measurement

Discharge measurements made at special study and miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi ²)	Measured previously (water years)	Measurements	
					Date	Discharge (ft ³ /s)
KENNEBEC RIVER BASIN						
Kennebec River West Outlet 01041100	Atlantic Ocean	Lat 45°39'08", long 69°44'42", Somerset County, just downstream from West Outlet Dam at Moosehead Lake, near Rockwood, Maine.	1,268	many	10-16-02	92.1
					10-17-02	104
					10-17-02	74.2
					10-17-02	59.5
Twentyfive Mile Stream 01049115	Sebasticook River	Lat 44°37'33", long 69°21'28", Kennebec County, just below bridge on the Horseback Road, 0.9 mi north of Route 139, near Unity, Maine.	130	1985, 1994, 1997-2003	07-25-03	38.2
					07-25-03	39.6
					08-27-03	13.7
					08-28-03	11.2
					09-15-03	7.90
MOUSAM RIVER BASIN						
Mousam River 01068910	Atlantic Ocean	Lat 43°25'06", long 70°44'19", York County, at Route 4 bridge, 4.2 mi upstream from Estes Lake, in Sanford, Maine.	44.0	1995, 1997-2003	06-30-03	27.3
					09-09-03	20.9
					09-09-03	21.4
Mousam River 01069600	Atlantic Ocean	Lat 43°23'05", long 70°32'34", York County, 500 ft below Route 1 Bridge in Kennebunk, Maine.	108	1999-2003	07-01-03	19.9
					09-09-03	39.1
					09-11-03	125
PISCATAQUA RIVER BASIN						
Great Works River 01072660	Salmon Falls River	Lat 43°17'38", long 70°44'21", York County, at abandoned railraod crossing at North Berwick Sewage Treatment Plant, 1 mi south of North Berwick, Maine.	45.2	1994, 1999-2001, 2003	05-22-03	53.2
					06-26-03	28.2
					09-09-03	10.1



**Hadlock Brook
Acadia National Park
May 2003**



**Hadlock Brook
Acadia National Park
March 2004**