

Water-Data Report 2007

01049000 SEBASTICOOK RIVER NEAR PITTSFIELD, ME

Kennebec Basin
Lower Kennebec Subbasin

LOCATION.--Lat 44°43'00", long 69°24'50" referenced to North American Datum of 1983, Somerset County, ME, Hydrologic Unit 01030003, on right bank 1.7 mi upstream from Twentyfive Mile Stream, and 5.0 mi south of Pittsfield.

DRAINAGE AREA.--572 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: November 1928 to current year.

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

GAGE.--Water-stage recorder. Datum of gage is 133.94 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for periods of ice effect, Jan. 25-26, 29-30, Feb. 4-8, 12-16, 21-23, Feb. 26 to Mar. 1, and Mar. 5-9, and period of no gage-height record, Sept. 1-4, which are fair. Flow regulated by dam 0.4 mi upstream, and by Great Moose and Sebasticook Lakes and Plymouth Pond, combined capacity about 2.345 billion ft³. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,600 ft³/s, Apr. 3, 1987, gage height, 15.53 ft; minimum daily discharge, 4.5 ft³/s, Nov. 10, 1956.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 10,500 ft³/s, Apr. 20, gage height, 11.03 ft; minimum daily discharge, 68 ft³/s, Aug. 30.

01049000 SEBASTICOOK RIVER NEAR PITTSFIELD, ME—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	474	4,150	1,110	1,090	463	e261	2,210	4,310	363	140	95	e83
2	620	3,940	1,480	1,110	459	411	2,460	3,690	364	127	93	e83
3	509	3,480	1,820	914	449	551	2,480	3,170	335	124	93	e83
4	528	3,030	1,880	712	e446	502	2,570	2,710	411	122	102	e83
5	607	2,710	1,810	534	e407	e288	2,640	2,340	561	122	99	82
6	507	2,460	1,590	685	e426	e364	2,660	1,910	605	127	99	81
7	405	2,000	1,330	1,290	e436	e450	2,530	1,520	826	125	127	80
8	419	1,500	1,190	1,470	e500	e316	2,290	1,310	774	123	160	79
9	401	1,120	1,100	1,790	458	e319	2,050	1,050	617	124	123	78
10	397	1,140	1,070	2,090	462	339	1,930	707	398	124	109	79
11	361	1,190	977	2,120	397	362	1,700	316	323	119	115	314
12	776	1,220	515	1,950	e308	461	1,240	254	279	119	100	461
13	1,400	1,350	223	1,820	e532	437	1,200	269	265	115	94	400
14	1,810	1,760	341	1,530	e349	449	1,290	281	300	114	93	723
15	1,930	2,540	785	1,050	e290	1,030	1,750	331	308	110	91	923
16	1,940	3,120	760	737	e317	1,590	2,710	559	307	108	90	943
17	1,710	3,700	774	610	445	1,470	5,600	1,060	267	105	90	895
18	1,440	4,330	813	700	425	1,370	8,510	1,420	173	101	89	848
19	1,380	4,630	805	708	394	1,360	10,100	1,870	155	106	88	784
20	1,500	4,530	759	743	391	1,440	10,300	2,230	157	141	88	718
21	2,080	4,190	722	655	e326	1,400	9,950	2,560	162	150	87	656
22	2,460	3,650	502	615	e328	1,380	9,320	2,520	175	142	86	599
23	2,640	3,100	427	624	e338	1,610	8,680	2,300	170	125	84	597
24	2,750	2,650	1,050	693	432	1,750	8,030	1,980	152	121	83	594
25	2,700	2,150	1,470	e636	379	1,850	7,480	1,450	110	142	84	296
26	2,480	1,780	1,580	e612	e289	1,980	6,950	900	102	136	83	471
27	2,130	1,490	1,660	576	e276	2,070	6,350	400	112	121	82	478
28	1,910	1,140	1,660	544	e347	2,250	5,740	259	181	114	81	440
29	2,290	1,120	1,500	e433	---	2,210	5,170	263	206	104	69	407
30	3,180	1,100	1,270	e643	---	2,040	4,830	274	187	101	68	378
31	3,970	---	1,200	561	---	2,080	---	248	---	98	81	---
Total	47,704	76,270	34,173	30,245	11,069	34,390	140,720	44,461	9,345	3,750	2,926	12,736
Mean	1,539	2,542	1,102	976	395	1,109	4,691	1,434	312	121	94.4	425
Max	3,970	4,630	1,880	2,120	532	2,250	10,300	4,310	826	150	160	943
Min	361	1,100	223	433	276	261	1,200	248	102	98	68	78

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	550	935	1,052	709	658	1,314	3,338	1,420	661	342	268	423
Max	4,751	3,110	4,609	2,362	3,576	5,764	5,768	3,265	3,659	1,914	1,708	3,447
(WY)	(2006)	(2006)	(1974)	(2006)	(1970)	(1936)	(1934)	(2005)	(1984)	(1973)	(1976)	(1954)
Min	76.6	25.0	46.3	92.3	82.2	303	882	242	160	74.1	53.5	62.1
(WY)	(1979)	(2002)	(2002)	(2002)	(1993)	(1967)	(1981)	(1999)	(1992)	(1983)	(1982)	(1982)

01049000 SEBASTICOOK RIVER NEAR PITTSFIELD, ME—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1929 - 2007	
Annual total	481,212		447,789			
Annual mean	1,318		1,227		969	
Highest annual mean					1,721	2006
Lowest annual mean					437	1985
Highest daily mean	6,130	Jun 13	10,300	Apr 20	17,200	Apr 3, 1987
Lowest daily mean	132	Sep 5	68	Aug 30	4.5	Nov 10, 1956
Annual seven-day minimum	162	Jul 17	78	Aug 26	6.6	Nov 6, 1965
Maximum peak flow			10,500	Apr 20	17,600	Apr 3, 1987
Maximum peak stage			11.03	Apr 20	15.53	Apr 3, 1987
10 percent exceeds	2,970		2,680		2,480	
50 percent exceeds	947		605		485	
90 percent exceeds	361		101		112	

