

**01047000 CARRABASSETT RIVER NEAR NORTH ANSON, ME**

Kennebec Basin  
Lower Kennebec Subbasin

LOCATION.--Lat 44°52'09", long 69°57'18" referenced to North American Datum of 1983, Somerset County, ME, Hydrologic Unit 01030003, on left bank 3.4 mi upstream from Mill Stream and North Anson.

DRAINAGE AREA.--353 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--

DISCHARGE: November and December 1901, June 1902 to April 1907, August 1925 to current year. Monthly discharge only for some periods prior to 1925, published in WSP 1301.

REVISED RECORDS.--WSP 1231: 1904-07, 1928(M), 1931(M), 1936(M), 1938(M), 1944(M), 1950(M). WDR ME-81-1: Drainage area. WDR ME-97-1: 1992(M).

GAGE.--Water-stage recorder. Datum of gage is 302.88 ft above National Geodetic Vertical Datum of 1929. Nov. 1, 1901 to May 5, 1907, nonrecording gage 1 mi upstream at different datum.

REMARKS.--Records good, except for periods of ice effect, Dec. 4-23, and Dec. 29 to Apr. 15, which are poor. Some minor regulation at low flows by mills above station. Satellite telemeter at station. Gage is operated in conjunction with a co-located precipitation gage (station 445210069571901).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 50,700 ft<sup>3</sup>/s, Apr. 1, 1987, gage height, 26.66 ft, from rating extended above 27,000 ft<sup>3</sup>/s on basis of slope-area measurements; maximum gage height, 27.78 ft, Feb. 21, 1978 (backwater from ice); minimum discharge, 18 ft<sup>3</sup>/s, Oct. 29, 1929, gage height, 2.02 ft, caused by unusual regulation.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Oct 21	0700	13,900	13.28
Oct 29	0330	*19,200	*15.71
Nov 14	2200	6,110	8.93
Nov 17	1545	11,200	11.89
Apr 24	0200	10,300	11.43
May 17	0045	6,640	9.26

Minimum discharge, 68 ft<sup>3</sup>/s, Sept. 27, gage height, 2.61 ft.

## 01047000 CARRABASSETT RIVER NEAR NORTH ANSON, 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	206	1,830	871	e464	e244	e180	e916	4,750	517	108	98	146
2	268	1,460	1,690	e532	e241	e184	e1,170	3,750	483	104	91	126
3	219	1,210	1,290	e493	e251	e190	e1,110	2,780	446	102	87	109
4	150	1,050	e864	e457	e265	e197	e976	2,400	522	99	127	98
5	147	910	e551	e442	e260	e217	e873	2,400	2,260	106	152	88
6	156	776	e475	e856	e250	e198	e822	2,060	1,620	123	125	83
7	191	736	e469	e1,790	e238	e177	e738	1,640	1,030	123	370	82
8	289	712	e461	e1,180	e228	e161	e672	2,060	629	112	581	82
9	209	1,820	e432	e889	e220	e158	e611	2,260	460	107	1,180	82
10	118	1,970	e417	e691	e215	e155	e589	2,250	458	122	382	102
11	113	1,390	e404	e607	e213	e160	e563	2,150	422	135	264	141
12	1,910	986	e388	e561	e209	e170	e567	1,830	371	263	209	162
13	2,230	1,080	e372	e527	e208	e186	e596	1,210	332	279	183	154
14	1,350	3,140	e492	e492	e213	e292	e678	850	321	175	161	121
15	922	3,860	e494	e462	e217	e470	e935	795	294	142	143	111
16	572	2,350	e484	e441	e222	e759	1,980	2,950	248	188	136	155
17	375	7,170	e470	e423	e229	e733	5,160	5,240	230	175	142	150
18	1,200	5,050	e452	e406	e228	e656	5,390	2,980	219	135	188	120
19	1,570	2,810	e431	e389	e215	e606	5,160	2,020	204	175	186	106
20	1,440	1,910	e376	e374	e202	e547	5,070	1,980	193	349	149	98
21	8,680	1,430	e358	e359	e195	e495	5,430	2,910	198	417	129	93
22	3,740	1,180	e354	e346	e193	e452	5,790	1,820	189	269	107	88
23	2,360	848	e633	e332	e190	e592	6,660	1,210	176	200	99	85
24	2,460	854	1,490	e319	e188	e982	9,490	1,010	167	166	103	82
25	1,880	895	1,040	e308	e187	e911	6,800	1,240	161	149	136	77
26	1,460	707	868	e298	e184	e845	4,270	1,020	137	135	193	73
27	1,160	577	885	e288	e183	e801	3,750	747	152	124	166	71
28	2,260	581	712	e279	e181	e1,120	3,440	717	146	124	130	84
29	11,800	659	e564	e268	---	e1,230	4,150	720	119	122	110	114
30	4,300	683	e510	e258	---	e1,120	5,190	587	113	113	101	96
31	2,500	---	e479	e249	---	e1,010	---	550	---	106	150	---
<b>Total</b>	56,235	50,634	19,776	15,780	6,069	15,954	89,546	60,886	12,817	5,047	6,378	3,179
<b>Mean</b>	1,814	1,688	638	509	217	515	2,985	1,964	427	163	206	106
<b>Max</b>	11,800	7,170	1,690	1,790	265	1,230	9,490	5,240	2,260	417	1,180	162
<b>Min</b>	113	577	354	249	181	155	563	550	113	99	87	71
<b>Cfsm</b>	5.14	4.78	1.81	1.44	0.61	1.46	8.46	5.56	1.21	0.46	0.58	0.30
<b>In.</b>	5.93	5.34	2.08	1.66	0.64	1.68	9.44	6.42	1.35	0.53	0.67	0.34

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	535	786	628	386	327	826	2,337	1,553	631	328	222	240
<b>Max</b>	2,606	2,492	3,565	1,633	1,922	4,750	4,331	3,694	2,916	2,201	1,124	1,768
<b>(WY)</b>	(1978)	(1964)	(1974)	(1996)	(1970)	(1936)	(2005)	(1972)	(1998)	(1996)	(1976)	(1954)
<b>Min</b>	63.1	87.4	58.9	78.1	60.1	120	802	456	159	88.5	44.5	44.0
<b>(WY)</b>	(1948)	(2002)	(1979)	(1948)	(1948)	(1956)	(1981)	(1941)	(1964)	(1971)	(2002)	(1948)

01047000 CARRABASSETT RIVER NEAR NORTH ANSON, ME—Continued

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1903 - 2007	
<b>Annual total</b>	391,843		342,301			
<b>Annual mean</b>	1,074		938		734	
<b>Highest annual mean</b>					1,288	1996
<b>Lowest annual mean</b>					333	1941
<b>Highest daily mean</b>	11,800	Oct 29	11,800	Oct 29	36,000	Apr 1, 1987
<b>Lowest daily mean</b>	113	Oct 11	71	Sep 27	27	Aug 28, 1949
<b>Annual seven-day minimum</b>	153	Sep 14	80	Sep 22	31	Sep 7, 2002
<b>Maximum peak flow</b>			19,200	Oct 29	50,700	Apr 1, 1987
<b>Maximum peak stage</b>			15.71	Oct 29	27.78	Feb 21, 1978
<b>Instantaneous low flow</b>			68	Sep 27	18	Oct 29, 1929
<b>Annual runoff (cfsm)</b>	3.04		2.66		2.08	
<b>Annual runoff (inches)</b>	41.29		36.07		28.24	
<b>10 percent exceeds</b>	2,350		2,300		1,790	
<b>50 percent exceeds</b>	633		417		315	
<b>90 percent exceeds</b>	210		113		98	

