

Water-Data Report 2007

**01022330 NARRAGUAGUS RIVER AT DEBLOIS, ME**

Maine Coastal Basin  
Maine Coastal Subbasin

LOCATION.--Lat 44°44'27", long 68°00'48" referenced to North American Datum of 1983, Washington County, ME, Hydrologic Unit 01050002, on left bank 30 ft upstream from State Route 193 highway bridge at Deblois.

DRAINAGE AREA.--96.5 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--

DISCHARGE: September 2002 to Mar. 2007 (discontinued), June 2007 to Sept. 2007.

REVISED RECORDS.--WDR ME-05: 2003-2004 (M).

GAGE.--Water-stage recorder. Datum of gage is 18.34 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good, except for period of ice effect, Jan. 15 to Mar. 4, which is fair. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,130 ft<sup>3</sup>/s, Apr. 4, 2005, gage height, 5.81 ft; minimum discharge, 14 ft<sup>3</sup>/s, Sept. 10-11, 2002, gage height, 1.37 ft.

EXTREMES FOR CURRENT PERIOD (Oct. 1, 2006 to Mar. 4, 2007 and June 18, 2007 to Sept. 30, 2007).--Maximum discharge, 1,770 ft<sup>3</sup>/s, Nov. 15, gage height, 5.44 ft; minimum discharge, 20 ft<sup>3</sup>/s, Sept. 25-26, gage height, 1.49 ft.

## 01022330 NARRAGUAGUS RIVER AT DEBLOIS, 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	57	497	250	193	e105	e79	---	---	---	75	50	31
2	62	410	298	232	e104	e78	---	---	---	70	47	28
3	63	355	327	250	e104	e103	---	---	---	65	45	27
4	65	313	324	240	e104	e102	---	---	---	61	50	27
5	70	276	294	222	e101	---	---	---	---	65	52	25
6	66	251	257	240	e97	---	---	---	---	80	51	24
7	65	234	243	350	e93	---	---	---	---	201	53	24
8	62	230	242	429	e88	---	---	---	---	184	55	24
9	60	338	226	509	e85	---	---	---	---	140	59	25
10	57	458	223	517	e81	---	---	---	---	112	55	29
11	54	465	212	409	e79	---	---	---	---	93	53	31
12	66	438	199	345	e76	---	---	---	---	92	50	41
13	85	501	183	309	e74	---	---	---	---	90	49	38
14	98	845	205	260	e73	---	---	---	---	82	56	34
15	99	1,630	235	e232	e120	---	---	---	---	74	51	32
16	91	1,410	252	e213	e142	---	---	---	---	72	49	32
17	82	1,080	247	e200	e131	---	---	---	---	65	51	29
18	97	1,020	230	e192	e122	---	---	---	88	60	48	28
19	134	923	211	e190	e114	---	---	---	77	66	45	26
20	163	737	190	e276	e108	---	---	---	74	101	41	26
21	267	594	174	e288	e103	---	---	---	75	149	39	25
22	356	497	160	e241	e98	---	---	---	89	144	37	25
23	343	429	192	e209	e95	---	---	---	119	118	35	24
24	318	384	319	e186	e91	---	---	---	119	97	37	22
25	292	346	381	e168	e89	---	---	---	104	83	39	20
26	262	318	364	e153	e86	---	---	---	91	73	38	20
27	227	295	343	e140	e83	---	---	---	86	64	37	21
28	229	277	315	e129	e81	---	---	---	99	58	34	31
29	578	260	266	e120	---	---	---	---	91	56	31	30
30	799	246	224	e113	---	---	---	---	83	54	30	26
31	646	---	203	e108	---	---	---	---	---	53	31	---
<b>Total</b>	5,913	16,057	7,789	7,663	2,727	---	---	---	---	2,797	1,398	825
<b>Mean</b>	191	535	251	247	97.4	---	---	---	---	90.2	45.1	27.5
<b>Max</b>	799	1,630	381	517	142	---	---	---	---	201	59	41
<b>Min</b>	54	230	160	108	73	---	---	---	---	53	30	20
<b>Cfsm</b>	1.98	5.55	2.60	2.56	1.01	---	---	---	---	0.93	0.47	0.28
<b>In.</b>	2.28	6.19	3.00	2.95	1.05	---	---	---	---	1.08	0.54	0.32

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	236	350	370	240	142	235	461	343	263	94.8	73.8	47.1
<b>Max</b>	608	535	513	481	272	398	807	632	490	196	120	84.8
<b>(WY)</b>	(2006)	(2007)	(2004)	(2006)	(2006)	(2005)	(2005)	(2005)	(2006)	(2006)	(2006)	(2004)
<b>Min</b>	35.1	118	251	123	70.4	111	174	213	98.0	42.1	36.1	21.9
<b>(WY)</b>	(2003)	(2005)	(2007)	(2003)	(2004)	(2004)	(2006)	(2004)	(2004)	(2003)	(2003)	(2002)

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**SUMMARY STATISTICS**

	Calendar Year 2006		Water Years 2002 - 2007	
<b>Annual total</b>	96,025			
<b>Annual mean</b>	263		240	
<b>Highest annual mean</b>			311	2006
<b>Lowest annual mean</b>			183	2003
<b>Highest daily mean</b>	1,710	Jan 16	1,930	Apr 4, 2005
<b>Lowest daily mean</b>	54	Sep 22	15	Sep 8, 2002
<b>Annual seven-day minimum</b>	57	Sep 22	16	Sep 7, 2002
<b>Maximum peak flow</b>			2,130	Apr 4, 2005
<b>Maximum peak stage</b>			5.81	Apr 4, 2005
<b>Instantaneous low flow</b>			14	Sep 10, 2002
<b>Annual runoff (cfsm)</b>	2.73		2.49	
<b>Annual runoff (inches)</b>	37.02		33.84	
<b>10 percent exceeds</b>	522		546	
<b>50 percent exceeds</b>	199		143	
<b>90 percent exceeds</b>	76		45	

