



Water-Data Report 2007

## 01054200 WILD RIVER AT GILEAD, ME

Androscoggin Basin  
Lower Androscoggin Subbasin

LOCATION.--Lat 44°23'26", long 70°58'47" referenced to North American Datum of 1983, Oxford County, ME, Hydrologic Unit 01040002, on right bank 200 ft upstream from U.S. Route 2 highway bridge, 2,000 ft upstream from mouth, and 0.4 mi west of Gilead.

DRAINAGE AREA.--69.6 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: July 1964 to current year.

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 period of no gage-height record, Mar. 1, which is fair, and periods of ice effect, Dec. 8-22, and Dec. 29 to Apr. 16, which are poor. Satellite telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 24,500 ft<sup>3</sup>/s, Oct. 22, 1995, gage height, 14.84 ft; minimum discharge, 6.0 ft<sup>3</sup>/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 ft<sup>3</sup>/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,200 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Oct 20	2100	7,410	9.04
Oct 28	2030	10,600	10.58
Nov 17	0900	10,200	10.42
Apr 23	1815	3,630	7.00
May 20	1715	5,440	8.03
June 4	2145	4,040	7.25
July 11	2300	*12,300	*11.25

Minimum discharge, 17 ft<sup>3</sup>/s, Aug. 29-30, gage height, 2.83 ft.

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**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	43	280	253	e87	e38	e26	e205	964	172	38	28	59
2	44	263	639	e100	e40	e26	e190	746	152	37	25	34
3	42	223	276	e89	e41	e32	e159	606	160	37	24	26
4	38	182	205	e83	e39	e34	e137	493	830	35	22	22
5	46	160	157	e81	e35	e32	e122	456	1,480	39	20	19
6	45	147	148	e300	e34	e30	e109	400	609	41	47	18
7	38	140	149	e217	e32	e30	e100	388	299	37	86	18
8	35	143	e133	e147	e31	e30	e93	527	219	37	65	18
9	33	855	e136	e143	e30	e29	e89	701	184	49	71	46
10	32	356	e122	e97	e30	e28	e85	696	173	70	38	84
11	30	232	e123	e80	e29	e33	e84	621	140	922	31	55
12	627	196	e106	e70	e29	e38	e90	462	123	1,380	28	89
13	194	500	e105	e64	e29	e44	e94	297	113	200	25	46
14	111	1,650	e122	e59	e31	e91	e91	229	106	119	23	32
15	85	648	e119	e55	e33	e219	e103	234	95	92	22	66
16	72	369	e122	e52	e32	e240	e355	939	83	80	25	84
17	66	3,700	e113	e50	e31	e185	481	820	81	62	40	47
18	394	768	e112	e48	e30	e182	759	438	77	58	41	35
19	208	419	e99	e46	e30	e161	777	431	66	102	27	30
20	1,120	311	e87	e45	e29	e137	787	1,870	62	171	24	26
21	1,240	247	e93	e44	e28	e120	1,080	1,130	59	119	22	24
22	338	216	e88	e43	e28	e117	1,230	455	59	75	21	22
23	301	193	209	e42	e28	e268	2,170	328	64	58	20	21
24	372	179	246	e41	e27	e235	2,360	288	53	53	23	19
25	308	161	154	e40	e27	e190	1,020	285	51	48	25	18
26	237	149	150	e39	e27	e174	698	243	51	42	23	19
27	192	143	153	e38	e26	e162	760	194	44	38	21	32
28	3,270	136	116	e38	e26	e389	863	196	61	37	18	26
29	1,810	136	e97	e37	---	e346	1,300	161	54	36	17	22
30	479	132	e89	e37	---	e257	1,360	137	42	33	57	20
31	315	---	e87	e36	---	e257	---	149	---	32	120	---
<b>Total</b>	12,165	13,234	4,808	2,348	870	4,142	17,751	15,884	5,762	4,177	1,079	1,077
<b>Mean</b>	392	441	155	75.7	31.1	134	592	512	192	135	34.8	35.9
<b>Max</b>	3,270	3,700	639	300	41	389	2,360	1,870	1,480	1,380	120	89
<b>Min</b>	30	132	87	36	26	26	84	137	42	32	17	18
<b>Cfsm</b>	5.64	6.34	2.23	1.09	0.45	1.92	8.50	7.36	2.76	1.94	0.50	0.52
<b>In.</b>	6.50	7.07	2.57	1.25	0.47	2.21	9.49	8.49	3.08	2.23	0.58	0.58

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	159	219	156	117	101	222	523	398	158	76.7	65.9	64.5
<b>Max</b>	503	587	609	483	579	558	1,070	1,028	785	353	251	438
<b>(WY)</b>	(2004)	(1970)	(2004)	(1986)	(1981)	(1979)	(2005)	(1969)	(1998)	(1996)	(2003)	(1999)
<b>Min</b>	17.4	32.0	21.5	18.2	19.9	25.4	164	158	49.9	16.1	10.6	11.1
<b>(WY)</b>	(1965)	(1979)	(1979)	(1981)	(1980)	(1967)	(1995)	(1993)	(1970)	(1991)	(2002)	(1995)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1964 - 2007	
<b>Annual total</b>	91,778		83,297			
<b>Annual mean</b>	251		228		188	
<b>Highest annual mean</b>					294	1996
<b>Lowest annual mean</b>					72.9	1965
<b>Highest daily mean</b>	3,700	Nov 17	3,700	Nov 17	7,510	Jun 14, 1998
<b>Lowest daily mean</b>	26	Sep 27	17	Aug 29	6.1	Sep 10, 2002
<b>Annual seven-day minimum</b>	29	Sep 22	21	Aug 23	7.1	Sep 5, 2002
<b>Maximum peak flow</b>			12,300	Jul 11	24,500	Oct 22, 1995
<b>Maximum peak stage</b>			11.25	Jul 11	14.84	Oct 22, 1995
<b>Instantaneous low flow</b>			17	Aug 29	6.0	Sep 10, 2002
<b>Annual runoff (cfsm)</b>	3.61		3.28		2.71	
<b>Annual runoff (inches)</b>	49.05		44.52		36.80	
<b>10 percent exceeds</b>	489		623		417	
<b>50 percent exceeds</b>	136		89		78	
<b>90 percent exceeds</b>	44		26		22	

