



Water-Data Report 2007

01055500 NEZINSCOT RIVER AT TURNER CENTER, ME

Androscoggin Basin
Lower Androscoggin Subbasin

LOCATION.--Lat 44°16'10", long 70°13'47" referenced to North American Datum of 1983, Androscoggin County, ME, 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.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

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

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 periods of ice effect, Dec. 31 to Jan. 5, and Jan. 10 to Mar. 30, which are poor. Satellite 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 (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 21	1700	2,050	4.61
Oct 29	2000	3,640	5.88
Nov 15	0645	2,070	4.63
Nov 18	0530	2,510	5.02
Apr 17	1500	*7,630	*8.23

Minimum discharge, 20 ft³/s, Sept. 25-26, gage height, 1.03 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	92	991	430	e267	e114	e89	821	1,030	133	53	34	28
2	87	808	966	e297	e114	e91	848	874	130	48	31	34
3	81	802	957	e287	e117	e102	883	692	219	45	29	32
4	78	668	725	e270	e122	e109	826	566	404	44	27	28
5	74	553	584	e268	e117	e107	677	477	1,120	45	25	26
6	70	482	468	411	e114	e102	677	413	1,130	49	27	25
7	67	432	434	655	e110	e99	600	364	778	49	37	24
8	64	404	400	662	e106	e97	518	328	517	50	49	23
9	62	930	331	785	e102	e95	464	299	367	50	48	24
10	59	1,240	352	e646	e99	e94	418	277	333	64	44	28
11	58	911	325	e514	e97	e105	391	259	275	83	38	34
12	708	732	311	e425	e96	e122	429	261	223	79	33	45
13	1,240	874	304	e383	e94	e143	450	256	186	72	30	45
14	768	1,390	361	e343	e93	e169	552	226	162	62	28	42
15	494	1,970	382	e312	e97	e280	749	207	145	55	27	37
16	368	1,520	356	e285	e99	e350	2,600	250	130	51	26	33
17	283	1,850	328	e261	e100	e389	7,050	486	117	47	27	30
18	355	2,380	304	e242	e99	e377	6,230	536	107	44	29	29
19	488	1,650	285	e225	e96	e351	4,510	609	97	52	50	27
20	578	1,120	261	e208	e94	e326	3,570	614	89	77	47	26
21	1,770	852	237	e192	e93	e287	2,940	567	86	99	40	25
22	1,630	695	228	e179	e92	e281	2,570	488	81	87	33	24
23	1,040	597	369	e168	e90	e468	2,210	376	74	68	29	23
24	925	536	724	e159	e89	e688	1,950	305	68	58	29	22
25	751	480	641	e150	e89	e714	1,680	258	64	52	28	21
26	584	434	532	e144	e89	e719	1,260	218	63	46	27	21
27	475	403	546	e138	e89	e791	989	188	60	42	26	24
28	749	378	480	e132	e89	e956	853	179	63	39	25	28
29	3,070	371	364	e126	---	e1,020	936	171	63	39	24	26
30	2,820	376	283	e122	---	e964	1,030	152	58	38	23	24
31	1,510	---	e274	e116	---	888	---	140	---	36	24	---
Total	21,398	26,829	13,542	9,372	2,800	11,373	49,681	12,066	7,342	1,723	994	858
Mean	690	894	437	302	100	367	1,656	389	245	55.6	32.1	28.6
Max	3,070	2,380	966	785	122	1,020	7,050	1,030	1,130	99	50	45
Min	58	371	228	116	89	89	391	140	58	36	23	21
Cfsm	4.08	5.29	2.58	1.79	0.59	2.17	9.80	2.30	1.45	0.33	0.19	0.17
In.	4.71	5.91	2.98	2.06	0.62	2.50	10.94	2.66	1.62	0.38	0.22	0.19

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	183	323	313	221	221	473	976	457	235	118	79.3	77.8
Max	852	894	1,384	827	1,066	1,747	2,146	1,102	696	641	440	883
(WY)	(1978)	(2007)	(1974)	(1978)	(1970)	(1953)	(2005)	(1989)	(1984)	(1996)	(1976)	(1954)
Min	22.1	45.3	46.4	38.2	40.3	101	332	148	44.7	23.7	20.5	13.1
(WY)	(1948)	(1953)	(1979)	(1948)	(1980)	(1967)	(2006)	(1959)	(1964)	(1965)	(1970)	(1995)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1941 - 2007	
Annual total	168,821		157,978			
Annual mean	463		433		306	
Highest annual mean					482	1984
Lowest annual mean					144	1965
Highest daily mean	3,070	Oct 29	7,050	Apr 17	10,800	Mar 27, 1953
Lowest daily mean	53	Aug 19	21	Sep 25	5.8	Aug 28, 1956
Annual seven-day minimum	64	Aug 14	23	Sep 21	6.6	Aug 24, 1956
Maximum peak flow			7,630	Apr 17	13,900	Mar 27, 1953
Maximum peak stage			8.23	Apr 17	11.18	Mar 27, 1953
Instantaneous low flow			20	Sep 25	5.6	Aug 29, 1956
Annual runoff (cfsm)	2.74		2.56		1.81	
Annual runoff (inches)	37.16		34.77		24.62	
10 percent exceeds	1,070		956		745	
50 percent exceeds	300		208		148	
90 percent exceeds	89		29		35	

