

Water-Data Report 2007

450713067162801 Local number WW 796

Washington County, ME

LOCATION.--Lat 45°07'13", long 67°16'28" referenced to North American Datum of 1927, Washington County, ME, Hydrologic Unit 01050001, in Calais, on Charlotte Road, about 2.25 mi south of U.S. Route 1. Owner: U.S. Government (Moosehorn National Wildlife Refuge).

GROUND-WATER RECORDS

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., Sept. 1967 reported depth 150 ft, cased with steel to 21 ft, open hole, Nov. 1982 measured depth 146 ft.

DATUM.--Elevation of land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 5.00 ft above land-surface datum, which is 5.61 ft above the general land surface. Prior to Aug. 2, 2006, top of casing, at land-surface datum, which was 0.8 ft above the general land surface.

PERIOD OF RECORD.--September 1980 to current year.

GAGE.--Electronic water-level recorder. Satellite telemeter at station. Prior to Dec. 1999, monthly measurements were published.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, -1.12 ft above land surface datum, Nov. 14, 2006. Prior to Aug. 2006, highest water level, overflowed, at land-surface datum, in 1981, 1982, 1983, 1984, 1997, 1998, 1999, 2000, 2001, 2005, and 2006; lowest recorded, 6.31 ft below land-surface datum, Feb. 6 and 10, 2002.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[- (minus sign), value is water level above land surface]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.37	0.32	1.26	1.10	2.23	3.34	0.80	0.55	1.51	2.65	3.21	3.80
2	3.28	0.44	0.82	1.03	2.28	3.33	0.84	0.61	1.59	2.70	3.25	3.81
3	3.18	0.55	0.83	1.16	2.31	3.31	0.90	0.72	1.65	2.75	3.30	3.81
4	3.14	0.70	0.85	1.26	2.39	3.27	0.94	0.83	1.68	2.79	3.32	3.84
5	3.12	0.83	0.97	1.34	2.45	3.30	0.93	0.93	1.32	2.80	3.36	3.90
6	3.12	0.93	1.07	1.09	2.53	3.35	0.96	1.01	1.41	2.80	3.39	3.94
7	3.09	1.04	1.04	0.90	2.59	3.39	0.98	1.08	1.48	2.83	3.42	3.95
8	3.08	1.07	1.08	0.69	2.64	3.40	1.00	1.14	1.57	2.87	3.40	3.97
9	3.08	0.01	1.23	0.38	2.71	3.45	1.02	1.22	1.65	2.92	3.38	4.00
10	3.13	-0.35	1.29	0.39	2.79	3.46	0.92	1.30	1.73	2.95	3.41	4.01
11	3.18	-0.19	1.37	0.55	2.85	3.12	0.79	1.36	1.81	2.97	3.44	3.99
12	3.14	-0.16	1.47	0.65	2.89	2.67	0.76	1.45	1.91	3.00	3.47	3.83
13	3.13	-0.35	1.50	0.79	2.95	2.45	0.63	1.54	2.00	3.04	3.48	3.81
14	3.13	-0.87	1.43	0.95	2.95	2.06	0.55	1.62	2.07	3.08	3.50	3.79
15	3.16	-0.86	1.46	1.06	2.74	1.55	0.55	1.67	2.14	3.11	3.52	3.76
16	3.21	-0.67	1.51	1.17	2.84	1.20	0.23	1.64	2.21	3.14	3.55	3.76
17	3.23	-0.61	1.55	1.37	2.95	0.74	-0.14	0.96	2.26	3.18	3.57	3.77
18	3.06	-0.56	1.59	1.49	3.01	0.15	0.02	0.71	2.32	3.20	3.60	3.78
19	2.78	-0.37	1.65	1.14	3.06	0.21	0.18	0.36	2.39	3.21	3.64	3.80
20	2.59	-0.21	1.71	0.90	3.10	0.34	0.22	0.36	2.43	2.97	3.68	3.83
21	1.84	0.04	1.74	1.04	3.12	0.54	0.28	0.47	2.47	2.82	3.71	3.88
22	1.48	0.27	1.85	1.17	3.16	0.46	0.33	0.61	2.41	2.83	3.74	3.92
23	1.33	0.43	1.62	1.28	3.18	0.49	0.36	0.73	2.29	2.82	3.76	3.95
24	1.26	0.56	0.94	1.39	3.21	0.45	0.38	0.81	2.38	2.81	3.76	4.00
25	1.32	0.72	0.78	1.48	3.25	0.54	0.42	0.90	2.43	2.85	3.77	4.04
26	1.44	0.84	0.59	1.59	3.27	0.56	0.50	1.00	2.46	2.90	3.79	4.07
27	1.56	0.96	0.46	1.71	3.29	0.53	0.59	1.13	2.50	2.95	3.83	4.11
28	1.52	1.11	0.59	1.81	3.31	0.57	0.57	1.19	2.53	3.01	3.86	4.04
29	0.01	1.19	0.73	1.91	---	0.64	0.67	1.25	2.56	3.07	3.88	3.98
30	0.00	1.25	0.84	2.03	---	0.67	0.66	1.36	2.60	3.12	3.89	3.98
31	0.24	---	0.99	2.13	---	0.71	---	1.45	---	3.17	3.83	---
Max	3.37	1.25	1.85	2.13	3.31	3.46	1.02	1.67	2.60	3.21	3.89	4.11
Min	0.00	-0.87	0.46	0.38	2.23	0.15	-0.14	0.36	1.32	2.65	3.21	3.76

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