

Water-Data Report 2007

471457068353001 Local number ARW 890

Aroostook County, ME

LOCATION.--Lat 47°14'57", long 68°35'30" referenced to North American Datum of 1927, Aroostook County, ME, Hydrologic Unit 01010003, 0.25 mi southeast of the intersection of State Route 11 and 161 and U.S. Route 1, Fort Kent. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

AQUIFER.--Glacial sand and gravel (ice-contact deposits) of Pleistocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 6 in., Nov. 1976 constructed depth 50 ft, open end, Nov. 1982 measured depth 48 ft.

DATUM.--Elevation of land-surface datum is 530 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing which is 2.05 ft below land-surface datum. Prior to Sept. 23, 2003, floor of recorder shelter at land-surface datum, which was 3.0 ft above the general land surface.

PERIOD OF RECORD.--November 1976 to current year.

REVISED RECORDS.--WDR ME-84-1: 1980, 1981.

GAGE.--Electronic water-level recorder. Satellite telemeter at station. Prior to Oct. 1990, daily mean data were published every fifth day.

REMARKS.--Water level affected by pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.52 ft below land-surface datum, May 2, 1984; lowest recorded, 15.28 ft below land-surface datum, Jan. 22-23, 1979.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.86	6.41	5.65	7.63	8.27	10.07	10.42	4.11	5.60	7.43	8.90	9.89
2	9.74	6.45	5.55	7.63	8.39	9.91	10.23	3.89	5.81	7.50	8.90	9.89
3	9.79	6.59	5.67	7.81	8.35	9.73	10.14	3.69	5.88	7.67	8.92	9.80
4	9.82	6.76	5.65	7.92	8.45	9.77	10.17	3.59	5.83	7.75	8.97	9.88
5	9.84	6.79	5.84	7.81	8.42	9.86	10.03	3.62	5.77	7.72	9.03	9.97
6	9.98	6.61	5.90	7.71	8.36	9.76	9.97	3.67	5.80	7.78	9.01	9.98
7	10.00	6.53	5.86	7.82	8.32	9.63	10.22	3.60	5.84	7.96	9.01	10.04
8	9.95	6.50	6.12	7.61	8.42	9.60	10.22	3.49	5.92	7.99	8.98	10.16
9	9.93	6.40	6.38	7.44	8.48	9.98	10.20	3.47	6.00	8.04	9.05	10.25
10	9.98	6.70	6.31	7.50	8.61	10.31	10.37	3.43	6.09	8.06	9.16	10.19
11	9.93	6.90	6.30	7.72	8.78	10.21	10.65	3.34	6.20	8.05	9.17	10.10
12	9.77	6.70	6.65	7.65	8.95	10.22	10.65	3.49	6.26	8.08	9.15	10.07
13	9.79	6.50	6.45	7.76	8.93	10.09	10.40	3.67	6.36	8.22	9.15	10.35
14	9.87	6.17	6.43	8.00	8.85	10.01	10.40	3.78	6.45	8.25	9.17	10.42
15	9.81	5.85	6.60	7.98	8.68	9.94	10.50	3.78	6.59	8.18	9.15	10.32
16	9.81	5.58	6.83	7.82	8.77	10.25	10.38	4.00	6.72	8.27	9.24	10.38
17	9.76	5.23	6.92	7.84	9.00	10.07	10.30	4.21	6.66	8.39	9.37	10.44
18	9.59	5.35	6.87	7.75	9.17	9.98	10.20	4.40	6.71	8.42	9.45	10.42
19	9.59	5.29	6.93	7.76	9.14	10.12	10.37	4.44	6.76	8.41	9.48	10.38
20	9.52	4.97	7.08	7.88	9.22	10.09	10.37	4.50	6.76	8.37	9.52	10.45
21	9.15	5.11	7.24	8.04	9.42	10.17	10.21	4.58	6.80	8.53	9.58	10.54
22	8.54	5.28	7.46	8.11	9.55	9.92	9.80	4.73	6.89	8.64	9.63	10.52
23	7.73	5.26	7.12	8.14	9.64	10.06	9.27	4.79	6.99	8.58	9.64	10.59
24	7.34	5.29	6.90	8.11	9.65	10.34	8.22	4.84	7.11	8.57	9.55	10.63
25	7.22	5.50	7.11	8.17	9.84	10.53	6.91	5.03	7.27	8.64	9.65	10.58
26	7.26	5.58	6.94	8.10	9.95	10.46	6.06	5.24	7.29	8.70	9.69	10.60
27	7.38	5.54	7.01	8.09	9.90	10.22	5.35	5.36	7.37	8.85	9.77	10.64
28	7.19	5.63	7.32	8.27	9.89	10.15	4.89	5.25	7.30	8.87	9.75	10.54
29	6.77	5.45	7.52	8.33	---	10.35	4.66	5.32	7.37	8.76	9.74	10.67
30	6.65	5.47	7.65	8.19	---	10.37	4.37	5.42	7.42	8.79	9.71	10.74
31	6.48	---	7.75	8.16	---	10.40	---	5.55	---	8.83	9.77	---
Max	10.00	6.90	7.75	8.33	9.95	10.53	10.65	5.55	7.42	8.87	9.77	10.74
Min	6.48	4.97	5.55	7.44	8.27	9.60	4.37	3.34	5.60	7.43	8.90	9.80

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