



Water-Data Report 2007

444950068220602 Local number HW 1A

Hancock County, ME

LOCATION.--Lat 44°49'55", long 68°21'59" referenced to North American Datum of 1927, Hancock County, ME, Hydrologic Unit 01050002, on State Route 9, 0.25 mi west of the intersection with State Route 181 in Amherst. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

AQUIFER.--Glacial till of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., depth 47 ft, screened depth 37 ft to 47 ft, screen slot size 0.006 in.

DATUM.--Elevation of land-surface datum is 344 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.20 ft above land-surface datum. Prior to June 29, 2004, top of casing 3.49 ft above land-surface datum.

PERIOD OF RECORD.--November 1989 to Sept. 2000, December 2001 to current year.

GAGE.--Electronic water-level recorder. Satellite telemeter at station.

REMARKS.--Water level affected by pumping. Minimum water level for water year 2007 was affected by pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.86 ft below land-surface datum, Apr. 18, 2007; lowest recorded, 33.16 ft below land-surface datum, Sept. 16, 1999.

444950068220602 Local number HW 1A—Continued

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	23.44	17.77	17.51	17.67	19.21	21.88	17.11	16.79	18.21	20.87	23.55	25.23
2	23.45	17.81	17.47	17.68	19.23	21.84	17.23	16.85	18.34	21.07	23.47	25.24
3	23.54	17.89	17.57	17.77	19.31	21.92	17.35	16.94	18.47	21.19	23.60	25.27
4	23.70	18.08	17.48	17.84	19.44	21.96	18.09	17.04	18.46	21.32	23.59	25.38
5	23.71	18.04	17.71	17.84	19.53	22.04	18.43	17.11	18.32	21.43	23.54	25.46
6	23.77	18.07	17.75	17.86	19.63	22.25	17.45	17.24	18.43	21.45	23.75	25.53
7	23.72	18.07	17.68	17.92	19.73	22.35	17.42	17.25	18.85	21.64	23.69	25.54
8	23.68	18.04	17.81	17.53	19.80	22.37	17.42	17.31	18.77	21.84	23.63	25.61
9	23.81	17.75	17.92	17.35	19.98	22.56	17.60	17.47	18.82	22.77	23.60	25.68
10	24.28	17.83	17.92	17.17	20.11	22.51	17.67	17.58	18.89	22.07	23.58	25.71
11	23.93	17.84	18.07	17.05	20.23	22.36	17.68	17.64	19.02	22.12	23.60	25.68
12	23.71	17.75	18.14	16.94	20.34	21.75	17.61	17.85	19.19	22.43	23.97	25.71
13	23.40	17.42	18.00	17.11	20.47	21.32	17.44	17.86	19.32	22.38	23.80	25.86
14	23.18	16.47	17.92	17.20	20.39	20.82	17.47	18.05	19.39	22.53	24.11	25.73
15	23.13	15.19	17.88	17.26	20.48	20.07	17.38	18.22	19.54	22.46	24.93	25.73
16	23.19	15.27	18.01	17.45	20.60	19.35	16.90	18.35	19.64	22.72	24.14	25.90
17	23.15	15.34	18.04	17.78	20.77	18.55	14.95	18.05	19.77	22.70	24.20	25.95
18	22.93	15.39	18.13	17.76	20.81	17.36	13.97	17.90	19.77	22.79	24.40	25.94
19	22.55	15.39	18.21	17.61	20.98	17.16	14.96	17.40	19.85	22.85	25.59	25.96
20	22.22	15.75	18.24	17.89	20.99	17.08	15.87	17.31	19.96	22.85	24.74	26.60
21	22.00	16.13	18.24	18.16	21.10	17.30	15.16	17.21	20.31	22.48	24.71	26.22
22	21.34	16.35	18.42	18.18	21.14	17.08	15.48	17.17	21.42	22.45	24.63	26.18
23	20.82	16.39	18.12	18.25	21.29	17.14	15.61	17.17	20.78	22.44	24.68	26.23
24	20.28	16.67	17.91	18.38	21.42	16.93	15.88	17.19	20.60	22.45	24.72	26.27
25	19.95	16.91	17.87	18.44	21.49	16.90	16.17	17.30	20.75	22.57	24.80	26.30
26	19.73	16.99	17.66	18.55	21.54	16.76	16.38	17.46	20.87	22.86	24.83	26.35
27	19.61	17.16	17.80	18.66	21.66	16.67	16.55	17.67	20.94	22.85	25.14	26.44
28	19.25	17.37	17.84	18.74	21.79	16.75	16.60	17.77	20.64	23.00	25.03	26.41
29	18.31	17.42	17.82	18.89	---	16.86	16.76	17.88	20.74	23.08	25.00	26.51
30	17.95	17.43	17.66	19.02	---	16.96	17.14	17.98	20.80	23.12	25.05	26.54
31	17.79	---	17.76	19.11	---	17.05	---	18.44	---	23.14	25.21	---
Max	24.28	18.08	18.42	19.11	21.79	22.56	18.43	18.44	21.42	23.14	25.59	26.60
Min	17.79	15.19	17.47	16.94	19.21	16.67	13.97	16.79	18.21	20.87	23.47	25.23

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