

Water-Data Report 2007

442450068175201 Local number HW 172

Hancock County, ME

LOCATION.--Lat 44°24'50", long 68°17'52" referenced to North American Datum of 1983, Hancock County, ME, Hydrologic Unit 01050002, on Crooked Road, approximately 500 ft west of Norway Drive, in Bar Harbor. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

AQUIFER.--Bedrock of Cambro-Ordovician age (Ellsworth Schist)

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., steel casing, depth 98 ft, cased to 19 ft, open hole.

DATUM.--Elevation of land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.80 ft above land-surface datum. Land-surface datum is at the general land surface.

PERIOD OF RECORD.--September 2003 to current year.

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

REMARKS.--Missing record, Oct. 20, due to pumping for water quality sampling. Water levels affected by earth tides.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.25 ft below land-surface datum, May 26, 2005. Lowest water level recorded, 8.03 ft below land-surface datum, Sept. 22, 2003.

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

[m, measured]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.81	4.80	5.12	5.21	6.16	6.66	6.03	4.93	5.81	6.87	7.13	7.37
2	6.76	4.86	4.87	4.76	6.13	6.59	6.03	4.99	5.91	6.94	7.16	7.43
3	6.92	4.90	5.02	4.89	6.11	6.37	6.05	5.12	5.99	6.97	7.24	7.41
4	6.87	4.99	4.93	4.92	6.21	6.25	6.00	5.19	5.93	7.02	7.24	7.45
5	m6.89	5.05	5.02	4.94	6.26	6.29	5.80	5.28	5.41	6.90	7.24	7.55
6	6.95	5.08	5.12	4.90	6.35	6.45	5.80	5.37	5.31	6.59	7.28	7.63
7	6.92	5.12	4.99	4.98	6.34	6.55	5.82	5.40	5.40	6.49	7.16	7.64
8	6.86	5.00	4.98	4.80	6.38	6.52	5.80	5.42	5.53	6.54	7.05	7.67
9	6.86	4.44	5.16	4.56	6.41	6.60	5.81	5.54	5.61	6.62	7.01	7.70
10	6.93	4.48	5.17	4.76	6.50	6.52	5.76	5.59	5.73	6.63	7.03	7.43
11	6.94	4.67	5.23	5.00	6.58	6.18	5.75	5.78	5.82	6.66	7.05	7.25
12	6.57	4.60	5.27	5.03	6.62	5.91	5.63	5.72	5.90	6.63	7.16	6.98
13	6.35	4.40	5.22	5.08	6.70	5.87	5.36	5.79	6.02	6.75	7.20	7.08
14	6.35	3.88	5.04	5.19	6.58	5.73	5.28	5.85	6.10	6.84	7.22	7.08
15	6.41	4.00	5.07	5.18	6.00	5.60	5.28	5.90	6.18	6.81	7.22	7.03
16	6.48	4.21	5.11	5.21	5.94	5.76	4.75	5.76	6.19	6.70	7.26	7.07
17	6.49	4.15	5.20	5.44	6.04	5.54	4.21	5.26	6.22	6.75	7.06	7.11
18	6.27	4.13	5.26	5.48	6.13	5.41	4.32	5.07	6.27	6.79	6.98	7.13
19	m6.15	4.31	5.34	5.05	6.23	5.75	4.48	4.48	6.38	6.73	7.02	7.13
20	---	4.49	5.42	4.85	6.29	5.80	4.65	4.51	6.40	6.64	7.09	7.15
21	5.65	4.71	5.43	5.12	6.34	5.96	4.72	4.71	6.39	6.63	7.12	7.20
22	5.69	4.81	5.54	5.26	6.40	5.90	4.82	4.89	6.41	6.72	7.14	7.20
23	5.52	4.84	5.27	5.35	6.44	5.80	4.81	5.00	6.45	6.79	7.18	7.20
24	5.20	4.82	4.81	5.49	6.51	5.89	4.87	5.02	6.54	6.81	7.13	7.27
25	5.20	4.97	4.95	5.55	6.57	5.91	5.02	5.07	6.65	6.81	7.12	7.29
26	5.25	4.97	4.83	5.62	6.59	5.90	5.10	5.23	6.66	6.85	7.19	7.32
27	5.32	5.04	4.86	5.75	6.63	5.82	5.14	5.44	6.68	6.92	7.29	7.34
28	5.18	5.15	5.04	5.81	6.64	5.83	5.04	5.52	6.70	6.97	7.31	7.17
29	4.44	5.18	5.17	5.90	---	5.88	5.08	5.61	6.76	7.01	7.34	7.14
30	4.62	5.14	5.18	6.04	---	5.92	5.04	5.72	6.81	7.04	7.38	7.20
31	4.78	---	5.25	6.11	---	6.00	---	5.77	---	7.11	7.39	---
Max	---	5.18	5.54	6.11	6.70	6.66	6.05	5.90	6.81	7.11	7.39	7.70
Min	---	3.88	4.81	4.56	5.94	5.41	4.21	4.48	5.31	6.49	6.98	6.98

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