

Water-Data Report 2011

444623068351501 Local number ME-PEW624 Eddington, Maine

Penobscot County, ME

LOCATION.--Lat 44°46'23.3", long 68°35'15.2" referenced to North American Datum of 1983, Penobscot County, ME, Hydrologic Unit 01020005.

GROUNDWATER RECORDS

AQUIFER.--New England crystalline bedrock.

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined.

DATUM.—Elevation of land-surface datum is 286 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 1.2 ft above land-surface datum.

PERIOD OF RECORD.--February 2011 to June 2011 (discontinued).

GAGE.--Electronic water-level recorder.

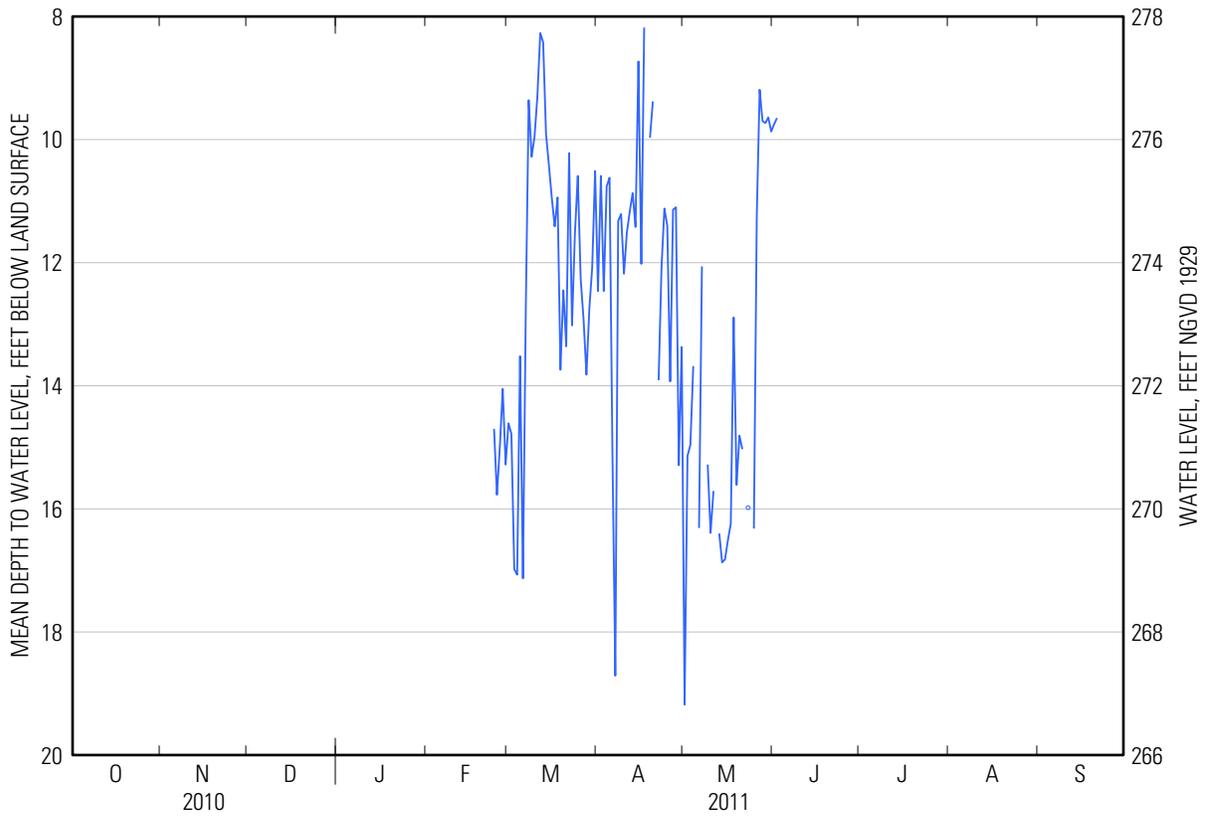
REMARKS.--Missing record, Apr. 18, 21, May 5, 8, 12, 22 and 24. Water level affected by pumping, Feb. 24 to May 26. Water level affected by earth tides.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[m, measured]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	14.61	12.46	19.18	9.75	---	---	---
2	---	---	---	---	---	14.78	10.59	15.14	m9.65	---	---	---
3	---	---	---	---	---	16.98	12.46	14.96	---	---	---	---
4	---	---	---	---	---	17.07	10.76	13.68	---	---	---	---
5	---	---	---	---	---	13.52	10.62	---	---	---	---	---
6	---	---	---	---	---	17.13	15.07	16.31	---	---	---	---
7	---	---	---	---	---	12.71	18.71	12.06	---	---	---	---
8	---	---	---	---	---	9.36	11.32	---	---	---	---	---
9	---	---	---	---	---	10.28	11.21	15.28	---	---	---	---
10	---	---	---	---	---	9.96	12.18	16.39	---	---	---	---
11	---	---	---	---	---	9.30	11.51	15.71	---	---	---	---
12	---	---	---	---	---	8.27	11.17	---	---	---	---	---
13	---	---	---	---	---	8.42	10.87	16.40	---	---	---	---
14	---	---	---	---	---	9.91	11.42	16.87	---	---	---	---
15	---	---	---	---	---	10.42	8.73	16.82	---	---	---	---
16	---	---	---	---	---	10.95	12.02	16.51	---	---	---	---
17	---	---	---	---	---	11.41	8.18	16.24	---	---	---	---
18	---	---	---	---	---	10.94	---	12.89	---	---	---	---
19	---	---	---	---	---	13.74	9.97	15.61	---	---	---	---
20	---	---	---	---	---	12.45	9.38	14.81	---	---	---	---
21	---	---	---	---	---	13.36	---	15.03	---	---	---	---
22	---	---	---	---	---	10.22	13.91	---	---	---	---	---
23	---	---	---	---	---	13.02	12.08	15.98	---	---	---	---
24	---	---	---	---	m14.70	11.53	11.12	---	---	---	---	---
25	---	---	---	---	15.77	10.59	11.40	16.32	---	---	---	---
26	---	---	---	---	14.99	12.26	13.93	11.23	---	---	---	---
27	---	---	---	---	14.05	12.92	11.14	9.19	---	---	---	---
28	---	---	---	---	15.28	13.82	11.10	9.70	---	---	---	---
29	---	---	---	---	---	12.75	15.29	9.73	---	---	---	---
30	---	---	---	---	---	12.07	13.37	9.64	---	---	---	---
31	---	---	---	---	---	10.51	---	9.87	---	---	---	---
Mean	---	---	---	---	---	12.11	---	---	---	---	---	---

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2011 to June 2011 (discontinued).

PERIOD OF DAILY RECORD.--SPECIFIC CONDUCTANCE, 54 ft below top of casing: February 2011 to June 2011 (discontinued). WATER TEMPERATURE, 54 ft below top of casing: February 2011 to June 2011 (discontinued).

INSTRUMENTATION.--Specific conductance and water temperature monitor at 54 ft below top of casing.

REMARKS.--SPECIFIC CONDUCTANCE, 54 ft below top of casing: Missing record, May 8.

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	1,910	2,260	2,330	2,400	---	---	---
2	---	---	---	---	---	1,880	2,320	2,260	---	---	---	---
3	---	---	---	---	---	1,900	2,290	2,320	---	---	---	---
4	---	---	---	---	---	1,990	2,370	2,340	---	---	---	---
5	---	---	---	---	---	1,960	2,320	2,380	---	---	---	---
6	---	---	---	---	---	1,860	2,330	2,340	---	---	---	---
7	---	---	---	---	---	1,950	2,270	2,330	---	---	---	---
8	---	---	---	---	---	2,100	2,260	---	---	---	---	---
9	---	---	---	---	---	2,180	2,260	2,380	---	---	---	---
10	---	---	---	---	---	2,190	2,310	2,340	---	---	---	---
11	---	---	---	---	---	2,180	2,290	2,370	---	---	---	---
12	---	---	---	---	---	2,290	2,290	2,370	---	---	---	---
13	---	---	---	---	---	2,300	2,320	2,340	---	---	---	---
14	---	---	---	---	---	2,180	2,360	2,310	---	---	---	---
15	---	---	---	---	---	2,200	2,410	2,330	---	---	---	---
16	---	---	---	---	---	2,220	2,400	2,320	---	---	---	---
17	---	---	---	---	---	2,210	2,430	2,290	---	---	---	---
18	---	---	---	---	---	2,210	2,400	2,280	---	---	---	---
19	---	---	---	---	---	2,200	2,400	2,250	---	---	---	---
20	---	---	---	---	---	2,140	2,370	2,260	---	---	---	---
21	---	---	---	---	---	2,110	2,380	2,280	---	---	---	---
22	---	---	---	---	---	2,160	2,350	2,280	---	---	---	---
23	---	---	---	---	---	2,130	2,330	2,270	---	---	---	---
24	---	---	---	---	---	2,150	2,340	2,240	---	---	---	---
25	---	---	---	---	1,790	2,170	2,360	2,230	---	---	---	---
26	---	---	---	---	1,930	2,140	2,400	2,290	---	---	---	---
27	---	---	---	---	1,940	2,170	2,380	2,330	---	---	---	---
28	---	---	---	---	1,970	2,150	2,450	2,380	---	---	---	---
29	---	---	---	---	---	2,180	2,420	2,420	---	---	---	---
30	---	---	---	---	---	2,180	2,400	2,420	---	---	---	---
31	---	---	---	---	---	2,240	---	2,420	---	---	---	---
Mean	---	---	---	---	---	2,120	2,350	---	---	---	---	---
Max	---	---	---	---	---	2,300	2,450	---	---	---	---	---
Min	---	---	---	---	---	1,860	2,260	---	---	---	---	---

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	10.2	9.0	8.7	8.8	---	---	---
2	---	---	---	---	---	10.1	9.0	8.7	---	---	---	---
3	---	---	---	---	---	9.9	9.0	8.7	---	---	---	---
4	---	---	---	---	---	9.9	9.0	8.8	---	---	---	---
5	---	---	---	---	---	9.9	9.0	8.7	---	---	---	---
6	---	---	---	---	---	9.8	8.9	8.7	---	---	---	---
7	---	---	---	---	---	9.8	8.9	8.8	---	---	---	---
8	---	---	---	---	---	9.8	9.0	8.7	---	---	---	---
9	---	---	---	---	---	9.7	9.0	8.7	---	---	---	---
10	---	---	---	---	---	9.6	8.9	8.7	---	---	---	---
11	---	---	---	---	---	9.4	8.9	8.7	---	---	---	---
12	---	---	---	---	---	9.7	8.9	8.7	---	---	---	---
13	---	---	---	---	---	9.4	8.9	8.7	---	---	---	---
14	---	---	---	---	---	9.5	8.9	8.7	---	---	---	---
15	---	---	---	---	---	9.4	8.9	8.7	---	---	---	---
16	---	---	---	---	---	9.3	8.9	8.7	---	---	---	---
17	---	---	---	---	---	9.3	9.0	8.6	---	---	---	---
18	---	---	---	---	---	9.3	8.9	8.7	---	---	---	---
19	---	---	---	---	---	9.2	8.8	8.6	---	---	---	---
20	---	---	---	---	---	9.2	8.9	8.6	---	---	---	---
21	---	---	---	---	---	9.2	8.9	8.6	---	---	---	---
22	---	---	---	---	---	9.2	8.8	8.6	---	---	---	---
23	---	---	---	---	---	9.1	8.8	8.6	---	---	---	---
24	---	---	---	---	---	9.1	8.8	8.6	---	---	---	---
25	---	---	---	---	11.4	9.1	8.8	8.6	---	---	---	---
26	---	---	---	---	11.2	9.0	8.8	8.7	---	---	---	---
27	---	---	---	---	10.8	9.0	8.8	8.8	---	---	---	---
28	---	---	---	---	10.3	9.0	8.9	8.8	---	---	---	---
29	---	---	---	---	---	9.0	8.8	8.8	---	---	---	---
30	---	---	---	---	---	9.0	8.8	8.8	---	---	---	---
31	---	---	---	---	---	9.0	---	8.8	---	---	---	---
Mean	---	---	---	---	---	9.4	8.9	8.7	---	---	---	---
Max	---	---	---	---	---	10.2	9.0	8.8	---	---	---	---
Min	---	---	---	---	---	9.0	8.8	8.6	---	---	---	---