



Water-Data Report 2007

443647070552302 Local number OW 400A

Oxford County, ME

LOCATION.--Lat 44°46'47", long 70°55'23" referenced to North American Datum of 1927, Oxford County, ME, Hydrologic Unit 01040001, at Middle Dam, Lower Richardson Lake. 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 23.6 ft, screened depth 18.6 ft to 23.6 ft, screen slot size 0.006 in.

DATUM.--Elevation of land-surface datum is 1,444 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.50 ft above land-surface datum. Land-surface datum is at the general land surface.

PERIOD OF RECORD.--October 1989 to October 2000. December 2001 to current year.

GAGE.--Electronic water-level recorder. Satellite telemeter at station. Prior to Dec. 7, 2001, weekly measurement with chalked steel tape by local observer. Daily mean data were published from Dec. 1999 to Oct. 2000 and from June 1991 to May 1995. Prior to June 1991 and June 1995 to Dec. 1999, monthly measurements were published.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.29 ft below land-surface datum, Apr. 16, 1994; lowest measured, 14.80 ft below land-surface datum, Nov. 4, 2001.

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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	9.37	3.73	4.05	3.97	5.77	7.74	3.16	1.94	4.27	6.68	7.12	7.97
2	9.43	3.80	3.43	4.26	5.68	7.64	2.84	2.07	4.34	6.82	7.21	8.04
3	9.50	3.94	3.34	4.38	5.81	7.63	2.90	2.34	4.49	6.95	7.30	8.04
4	9.55	4.09	3.27	4.38	5.99	7.69	2.76	2.51	4.38	7.01	7.39	8.14
5	9.63	4.12	3.60	4.38	6.04	7.75	2.79	2.71	3.75	7.06	7.47	8.26
6	9.71	4.16	3.64	3.90	6.17	7.94	3.18	2.98	3.59	7.16	7.45	8.34
7	9.75	4.17	3.66	3.39	6.15	7.95	3.37	2.99	3.78	7.28	6.96	8.41
8	9.79	4.14	3.87	2.82	6.18	7.99	3.47	3.08	3.92	7.39	6.24	8.50
9	9.82	3.79	3.99	2.99	6.32	8.08	3.68	3.33	4.17	7.52	6.00	8.62
10	9.88	3.85	4.04	3.33	6.49	8.01	3.79	3.50	4.17	7.60	5.89	8.70
11	9.93	3.86	4.22	3.61	6.63	8.06	3.87	3.63	4.27	7.60	6.04	8.74
12	9.95	4.12	4.22	3.58	6.68	8.10	3.62	3.87	4.51	7.65	6.18	8.83
13	10.01	3.95	3.95	3.83	6.86	8.10	3.57	3.97	4.75	7.62	6.29	8.92
14	9.98	3.57	3.82	3.91	6.56	8.06	3.90	4.06	4.88	7.52	6.53	8.91
15	9.94	3.53	3.67	3.86	6.58	8.09	3.79	3.98	5.02	7.37	6.64	8.88
16	9.90	3.52	3.79	4.12	6.72	7.92	3.18	3.24	5.17	7.36	6.80	8.77
17	9.81	3.09	3.65	4.54	6.96	7.33	2.35	1.97	5.35	7.31	6.92	8.33
18	9.70	3.04	3.74	4.32	7.01	7.07	2.21	2.04	5.63	7.26	7.10	7.98
19	9.57	3.16	3.89	4.09	7.20	7.03	1.89	2.08	5.70	7.16	7.25	7.80
20	9.19	3.47	3.95	4.56	7.14	6.90	1.83	2.10	5.74	7.03	7.38	7.75
21	7.99	3.76	4.02	4.88	7.28	6.92	1.78	2.23	5.88	6.81	7.48	7.79
22	6.32	3.76	4.24	4.63	7.29	6.48	1.74	2.58	5.96	6.45	7.58	7.80
23	5.60	3.74	3.68	4.76	7.38	6.22	1.61	2.82	6.06	6.31	7.67	7.91
24	4.86	3.88	3.31	4.95	7.51	5.62	1.75	2.96	6.08	6.29	7.74	8.01
25	4.84	4.05	3.44	4.94	7.54	5.10	1.86	3.17	6.12	6.51	7.84	8.07
26	4.99	4.08	3.19	5.09	7.52	4.51	1.96	3.47	6.11	6.61	7.97	8.17
27	5.02	4.17	3.61	5.14	7.60	4.16	1.83	3.77	6.13	6.70	8.01	8.30
28	4.49	4.34	3.87	5.23	7.68	3.93	1.76	3.83	6.25	6.84	7.94	8.38
29	3.37	4.20	4.01	5.41	---	3.60	1.83	4.09	6.45	7.00	7.85	8.56
30	3.45	4.12	3.86	5.57	---	3.34	1.73	4.19	6.54	7.03	7.83	8.66
31	3.49	---	4.11	5.63	---	3.32	---	4.30	---	7.05	7.88	---
Max	10.01	4.34	4.24	5.63	7.68	8.10	3.90	4.30	6.54	7.65	8.01	8.92
Min	3.37	3.04	3.19	2.82	5.68	3.32	1.61	1.94	3.59	6.29	5.89	7.75

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