



Water-Data Report 2007

**445148069513301 Local number SMW 61**

Somerset County, ME

LOCATION.--Lat 44°51'48", long 69°51'33" referenced to North American Datum of 1927, Somerset County, ME, Hydrologic Unit 01030003, approximately 3.0 mi northeast of Madison. Owner: U.S. Geological Survey.

**GROUND-WATER RECORDS**

AQUIFER.--Glaciomarine sand and silt of Pleistocene age.

WELL CHARACTERISTICS.--Wash-bored unconfined observation well, diameter 2 in., Sept. 1984 measured depth 40 ft, screened depth 35 ft to 40 ft, screen slot size 0.010 in.

DATUM.--Elevation of land-surface datum is 280 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.72 ft above land-surface datum. Prior to Dec. 1999, top of casing, 3.50 ft above land-surface datum. Land-surface datum is at the general land surface.

PERIOD OF RECORD.--January 1985 to November 1985, October 1987 to current year.

GAGE.--Electronic water-level recorder. Satellite telemeter at station. Prior to Dec. 1999, monthly measurements were published.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.94 ft below land-surface datum, Feb. 27, 1996; lowest measured, 15.45 ft below land-surface datum, Nov. 12, 2002.

## 445148069513301 Local number SMW 61—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	13.35	11.35	10.13	11.04	11.12	11.05	10.52	8.69	9.34	11.62	13.03	13.74
2	13.36	11.21	10.15	11.05	11.09	11.03	10.48	8.62	9.45	11.68	13.07	13.75
3	13.38	11.12	10.17	11.09	11.07	11.02	10.49	8.58	9.56	11.75	13.10	13.76
4	13.39	11.07	10.11	11.11	11.08	11.04	10.51	8.56	9.64	11.81	13.13	13.78
5	13.41	11.04	10.14	11.13	11.06	11.06	10.52	8.55	9.69	11.86	13.17	13.81
6	13.44	11.02	10.17	11.13	11.06	11.10	10.58	8.58	9.76	11.92	13.19	13.82
7	13.46	11.03	10.16	11.08	11.04	11.12	10.65	8.56	9.82	11.97	13.22	13.82
8	13.47	11.03	10.21	11.00	11.02	11.13	10.69	8.57	9.88	12.03	13.24	13.82
9	13.48	11.02	10.26	10.99	11.01	11.15	10.76	8.62	9.95	12.09	13.27	13.85
10	13.49	11.08	10.30	11.02	11.01	11.13	10.83	8.66	10.02	12.14	13.28	13.86
11	13.51	11.11	10.36	11.09	11.01	11.13	10.90	8.67	10.10	12.19	13.30	13.85
12	13.50	11.14	10.42	11.09	10.99	11.15	10.92	8.71	10.17	12.24	13.32	13.86
13	13.47	11.18	10.44	11.13	10.99	11.14	10.93	8.73	10.26	12.29	13.33	13.88
14	13.45	11.15	10.47	11.17	10.94	11.13	10.95	8.78	10.34	12.34	13.36	13.89
15	13.44	11.12	10.50	11.18	10.90	11.14	10.78	8.79	10.41	12.38	13.37	13.89
16	13.44	11.03	10.56	11.20	10.89	11.15	10.54	8.84	10.48	12.44	13.39	13.92
17	13.44	10.88	10.60	11.26	10.90	11.05	9.88	8.81	10.56	12.48	13.40	13.93
18	13.42	10.53	10.65	11.25	10.89	11.05	9.45	8.69	10.65	12.52	13.43	13.94
19	13.39	10.16	10.71	11.16	10.91	11.10	9.32	8.57	10.74	12.56	13.46	13.94
20	13.36	9.94	10.76	11.18	10.90	11.10	9.27	8.49	10.81	12.60	13.48	13.95
21	13.27	9.85	10.80	11.22	10.90	11.16	9.21	8.50	10.89	12.65	13.51	13.96
22	13.14	9.79	10.86	11.19	10.91	11.10	9.16	8.52	10.96	12.68	13.53	13.97
23	13.00	9.76	10.87	11.17	10.91	11.08	9.07	8.54	11.04	12.72	13.56	13.98
24	12.88	9.77	10.89	11.18	10.95	11.06	8.96	8.56	11.13	12.76	13.56	13.99
25	12.77	9.84	10.92	11.19	10.98	11.01	8.84	8.62	11.21	12.80	13.58	13.99
26	12.69	9.89	10.89	11.21	10.98	10.92	8.78	8.72	11.28	12.83	13.61	14.00
27	12.62	9.96	10.93	11.19	11.00	10.86	8.74	8.84	11.35	12.86	13.64	14.02
28	12.54	10.04	10.98	11.16	11.02	10.80	8.72	8.92	11.41	12.90	13.66	14.02
29	12.28	10.08	11.02	11.15	---	10.73	8.71	9.03	11.48	12.94	13.68	14.04
30	11.90	10.11	11.02	11.15	---	10.62	8.70	9.14	11.55	12.96	13.70	14.06
31	11.57	---	11.04	11.13	---	10.55	---	9.25	---	13.00	13.72	---
<b>Max</b>	13.51	11.35	11.04	11.26	11.12	11.16	10.95	9.25	11.55	13.00	13.72	14.06
<b>Min</b>	11.57	9.76	10.11	10.99	10.89	10.55	8.70	8.49	9.34	11.62	13.03	13.74

445148069513301 Local number SMW 61—Continued

