

Water-Data Report 2007

**435453070013601 Local number CW 26**

Cumberland County, ME

LOCATION.--Lat 43°54'53", long 70°01'36" referenced to North American Datum of 1927, Cumberland County, ME, Hydrologic Unit 01060001, 0.3 mi northwest of the intersection of Durham Road and U.S. Route 1 in Brunswick. Owner: Brunswick and Topsham Water District.

**GROUND-WATER RECORDS**

AQUIFER.--Stratified sand and gravel deposits of Pleistocene age.

WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 12 in., reported depth 101 ft in 1953, screened 81 ft to 101 ft, Nov. 1982 measured depth 96 ft.

DATUM.--Elevation of land-surface datum is 139 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing which is at land-surface datum. Prior to July 17, 2003, electric tape gage index, 2.93 ft above land-surface datum. Land-surface datum is at the general land surface.

PERIOD OF RECORD.--April 1958 to current year.

REVISED RECORDS.--WDR ME-82-1: 1978, 1981, WDR ME-83-1: 1977, WDR ME-84-1: 1980, 1981.

GAGE.--Electronic water-level recorder. Satellite telemeter at station. Mar. 1990 to Dec. 2000, monthly measurements were published. Oct. 1989 to Mar. 1990 daily mean data were published. Prior to Oct. 1989, daily mean data were published every fifth day.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 24.60 ft below land-surface datum, Apr. 23 and 24, 2007; lowest measured, 36.41 ft below land-surface datum, Feb. 10, 1966.

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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	26.54	26.02	25.17	25.57	25.81	26.37	25.97	24.77	25.21	25.55	26.12	26.68
2	26.55	26.01	25.22	25.59	25.78	26.32	25.97	24.77	25.24	25.58	26.14	26.70
3	26.57	26.04	25.27	25.62	25.81	26.34	26.01	24.81	25.26	25.61	26.16	26.69
4	26.56	26.07	25.22	25.60	25.85	26.36	25.97	24.82	25.20	25.62	26.18	26.72
5	26.62	26.06	25.29	25.58	25.87	26.39	25.92	24.85	25.08	25.61	26.20	26.76
6	26.66	26.04	25.29	25.54	25.90	26.46	25.98	24.92	25.09	25.63	26.20	26.78
7	26.66	26.03	25.24	25.68	25.90	26.47	25.98	24.90	25.14	25.65	26.22	26.78
8	26.66	25.98	25.29	25.53	25.90	26.49	25.98	24.88	25.14	25.67	26.20	26.79
9	26.65	25.83	25.36	25.45	25.93	26.54	26.01	24.91	25.16	25.70	26.25	26.83
10	26.69	25.79	25.37	25.48	25.97	26.52	26.04	24.93	25.18	25.72	26.26	26.84
11	26.70	25.78	25.42	25.57	26.01	26.53	26.06	24.94	25.18	25.71	26.28	26.81
12	26.58	25.81	25.47	25.50	26.03	26.53	26.02	25.00	25.21	25.74	26.30	26.85
13	26.56	25.74	25.39	25.52	26.07	26.48	25.97	25.03	25.24	25.77	26.30	26.90
14	26.56	25.59	25.38	25.55	25.96	26.40	26.01	25.05	25.26	25.80	26.34	26.91
15	26.62	25.43	25.38	25.50	25.99	26.34	25.94	25.01	25.26	25.81	26.35	26.90
16	26.68	25.34	25.46	25.51	26.03	26.29	25.58	25.06	25.26	25.84	26.36	26.96
17	26.68	25.23	25.48	25.64	26.09	26.15	25.06	25.12	25.26	25.86	26.38	26.98
18	26.62	25.14	25.51	25.60	26.10	26.21	24.83	25.12	25.31	25.87	26.41	27.00
19	26.62	25.09	25.56	25.46	26.15	26.30	24.74	25.04	25.32	25.87	26.45	27.00
20	26.56	25.11	25.57	25.53	26.14	26.33	24.71	25.00	25.30	25.86	26.47	27.01
21	26.48	25.16	25.57	25.64	26.18	26.41	24.69	25.08	25.32	25.91	26.49	27.03
22	26.41	25.13	25.64	25.60	26.18	26.31	24.70	25.15	25.33	25.95	26.52	27.03
23	26.36	25.09	25.51	25.61	26.21	26.29	24.64	25.17	25.37	25.96	26.52	27.06
24	26.34	25.10	25.49	25.65	26.25	26.22	24.67	25.13	25.41	25.96	26.50	27.08
25	26.36	25.15	25.54	25.65	26.28	26.13	24.70	25.10	25.45	25.99	26.52	27.09
26	26.41	25.14	25.43	25.68	26.28	26.02	24.73	25.12	25.45	26.01	26.56	27.10
27	26.43	25.16	25.53	25.69	26.31	25.92	24.71	25.18	25.45	26.01	26.59	27.13
28	26.28	25.22	25.62	25.69	26.34	25.86	24.70	25.16	25.46	26.03	26.61	27.13
29	26.07	25.20	25.68	25.73	---	25.89	24.73	25.20	25.51	26.06	26.62	27.19
30	26.05	25.17	25.61	25.77	---	25.89	24.71	25.22	25.52	26.08	26.63	27.23
31	26.03	---	25.64	25.78	---	25.95	---	25.24	---	26.10	26.65	---
<b>Max</b>	26.70	26.07	25.68	25.78	26.34	26.54	26.06	25.24	25.52	26.10	26.65	27.23
<b>Min</b>	26.03	25.09	25.17	25.45	25.78	25.86	24.64	24.77	25.08	25.55	26.12	26.68

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