

Water-Data Report 2007

441801069455501 Local number KW 887

Kennebec County, ME

LOCATION.--Lat 44°18'01", long 69°45'55" referenced to North American Datum of 1983, Kennebec County, ME, Hydrologic Unit 01030003, on State Route 9, at Pine Tree State Arboretum, approximately 1.2 mi south of the intersection with U.S. Route 201 and State Route 105 in Augusta. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

AQUIFER.--Bedrock of Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., steel casing, depth 160 ft, cased to 38 ft, open hole.

DATUM.-- Elevation of land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum. Land-surface datum is at the general land surface.

PERIOD OF RECORD.--October 2004 to current year.

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

REMARKS.--Water level affected by pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.50 ft below land-surface datum, Apr. 16, 2007; lowest recorded, 16.51 ft below land-surface datum, Sept. 21, 2007.

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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	11.94	10.13	10.44	10.50	12.05	13.33	10.74	10.07	11.89	13.38	14.86	15.65
2	11.75	10.14	10.04	10.39	12.04	13.22	10.72	10.16	11.84	13.51	14.88	15.68
3	11.70	10.16	10.08	10.39	12.04	13.15	10.66	10.36	11.54	13.60	14.92	15.68
4	11.64	10.24	10.13	10.41	12.18	13.15	10.51	10.43	11.19	13.64	14.95	15.81
5	11.70	10.31	10.30	10.41	12.23	13.20	10.37	10.53	10.65	13.69	15.29	15.92
6	11.83	10.41	10.39	10.18	12.33	13.32	10.45	10.66	10.62	13.68	15.25	15.96
7	11.87	10.50	10.35	10.14	12.39	13.36	10.45	10.76	10.73	13.68	15.02	15.96
8	11.92	10.43	10.36	10.03	12.46	13.33	10.43	10.87	10.88	13.71	15.02	15.97
9	11.99	10.07	10.42	9.90	12.49	13.36	10.44	11.00	10.95	13.86	14.99	15.99
10	12.20	10.04	10.44	10.05	12.58	13.29	10.39	11.16	11.01	13.88	14.99	15.95
11	12.33	10.19	10.53	10.25	12.62	13.02	10.34	11.14	11.19	13.84	15.06	15.93
12	11.53	10.17	10.59	10.36	12.65	12.60	10.21	10.97	11.39	13.88	15.15	15.88
13	10.63	9.97	10.51	10.39	12.83	12.38	10.10	11.06	11.57	13.92	15.09	15.96
14	10.49	9.73	10.31	10.46	12.71	12.08	10.01	11.23	11.76	13.99	15.00	15.96
15	10.53	9.77	10.28	10.50	12.64	11.81	9.88	11.30	11.86	14.00	14.99	15.90
16	10.67	9.88	10.34	10.65	12.76	11.76	9.59	11.25	11.99	14.16	15.05	15.91
17	10.82	9.59	10.40	10.84	12.84	11.44	9.56	10.94	12.08	14.28	15.02	15.99
18	10.62	9.62	10.53	10.91	12.87	11.41	9.63	10.76	12.28	14.35	15.02	16.11
19	10.50	9.75	10.59	10.81	12.94	11.54	9.77	10.23	12.47	14.34	15.05	16.15
20	10.37	9.92	10.67	10.88	13.00	11.53	9.90	10.15	12.52	14.31	15.12	16.22
21	9.99	10.11	10.72	11.04	13.10	11.65	9.99	10.28	12.60	14.32	15.22	16.34
22	10.02	10.17	10.79	11.11	13.12	11.49	10.10	10.47	12.66	14.31	15.28	16.32
23	9.96	10.23	10.42	11.17	13.10	11.24	10.17	10.62	12.76	14.37	15.31	16.29
24	9.91	10.27	10.10	11.26	13.12	11.08	10.34	10.72	12.88	14.40	15.31	16.36
25	10.08	10.37	10.15	11.33	13.16	10.97	10.52	10.77	13.03	14.48	15.32	16.39
26	10.23	10.41	10.02	11.40	13.18	10.83	10.61	10.91	13.16	14.52	15.36	16.40
27	10.35	10.51	10.07	11.57	13.22	10.69	10.61	11.12	13.18	14.56	15.46	16.34
28	10.12	10.62	10.25	11.60	13.28	10.62	10.46	11.23	13.23	14.56	15.56	16.18
29	9.73	10.59	10.37	11.73	---	10.61	10.18	11.45	13.29	14.61	15.70	16.08
30	9.93	10.53	10.41	11.83	---	10.62	9.99	11.67	13.33	14.68	15.66	16.09
31	10.06	---	10.51	11.91	---	10.67	---	11.83	---	14.78	15.64	---
Max	12.33	10.62	10.79	11.91	13.28	13.36	10.74	11.83	13.33	14.78	15.70	16.40
Min	9.73	9.59	10.02	9.90	12.04	10.61	9.56	10.07	10.62	13.38	14.86	15.65

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