

Water-Data Report 2007

395524074502502 Local number 050259 Medford 2 Obs

Northern Atlantic Coastal Plain aquifer system
Englishtown Formation
Burlington County, NJ

LOCATION.--Lat 39°55'24", long 74°50'25" referenced to North American Datum of 1927, Medford Township, Burlington County, NJ, Hydrologic Unit 02040202, at the Medford Wildlife Management Area.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 263 ft. Upper casing diameter 6 in, top of first opening 253 ft, bottom of last opening 263 ft. Drilled artesian observation well.

DATUM.--Land-surface datum is 72.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.22 ft above land-surface datum, Nov. 7, 1988, to present.

PERIOD OF RECORD.--Oct. 1963 to Aug. 1975, Feb. 1977 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder Mar. 2000 to Feb. 2006. Periodic measurements, Sept. 1987 to Mar. 2000. Water-level recorder, Dec. 1984 to Sept. 1987. Water-level extremes recorder, Feb. 1977 to Dec. 1984. Water-level recorder, Oct. 1963 to Aug. 1975.

REMARKS.--Water level is occasionally affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 45.42 ft below land surface, Apr. 27, 1973; lowest, 111.96 ft below land surface, July 9, 1964.

395524074502502 Local number 050259 Medford 2 Obs—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	54.19	52.96	51.67	51.11	51.36	51.56	51.93	50.85	55.01	58.34	62.57	63.69
2	54.16	52.88	51.74	51.17	51.29	51.36	51.79	50.86	55.10	58.41	62.76	63.75
3	54.11	52.90	51.73	51.22	51.35	51.36	51.77	51.02	55.06	58.52	62.63	63.71
4	54.05	52.90	51.65	51.22	51.36	51.37	51.58	51.01	54.85	58.60	62.49	63.68
5	54.05	52.85	51.72	51.19	51.43	51.40	51.51	51.01	54.87	58.41	62.71	63.83
6	54.01	52.80	51.73	51.11	51.47	51.61	51.50	51.01	55.06	58.32	62.71	63.87
7	53.95	52.74	51.68	51.15	51.48	51.64	51.65	51.02	55.21	58.44	62.95	63.41
8	53.87	52.46	51.76	50.93	51.53	51.65	51.86	50.97	55.36	58.66	63.24	63.10
9	53.78	52.47	51.79	51.02	51.55	51.70	51.69	50.98	55.58	59.12	63.52	62.89
10	53.72	52.53	51.76	51.19	51.55	51.59	51.60	51.06	55.75	59.60	63.58	62.99
11	53.63	52.43	51.76	51.31	51.57	51.53	51.55	51.09	55.89	59.59	63.57	62.93
12	53.48	52.33	51.78	51.27	51.58	51.49	51.36	51.15	55.98	59.49	63.72	62.83
13	53.55	52.20	51.68	51.24	51.60	51.46	51.35	51.17	56.06	59.50	63.87	62.86
14	53.53	52.17	51.62	51.15	51.38	51.39	51.68	51.26	56.12	59.69	64.09	62.84
15	53.54	52.17	51.55	51.02	51.54	51.37	51.66	51.48	56.31	59.99	64.22	62.84
16	53.59	52.07	51.61	51.03	51.55	51.27	51.26	51.71	56.52	60.13	64.25	62.76
17	53.49	52.07	51.56	51.24	51.53	51.14	51.33	51.67	56.69	60.28	64.23	62.67
18	53.36	52.18	51.52	51.21	51.49	51.23	51.35	51.60	57.22	60.52	64.31	62.66
19	53.32	52.15	51.63	51.10	51.60	51.29	51.32	51.62	57.38	60.61	64.22	62.70
20	53.18	52.14	51.66	51.16	51.55	51.32	51.30	51.63	57.31	61.09	64.02	62.92
21	53.29	52.19	51.65	51.22	51.59	51.39	51.24	51.68	57.23	62.10	63.66	62.91
22	53.29	52.10	51.64	51.14	51.55	51.37	51.15	51.80	57.31	62.83	63.46	62.75
23	53.27	51.99	51.45	51.19	51.62	51.86	51.07	51.86	57.46	62.74	63.32	62.62
24	53.25	51.98	51.47	51.23	51.65	52.79	51.06	55.63	57.81	62.62	63.18	62.57
25	53.26	51.99	51.41	51.21	51.59	53.66	51.11	55.52	57.96	62.76	63.21	62.67
26	53.26	51.94	51.21	51.30	51.49	54.06	51.09	55.23	58.13	63.26	63.29	62.75
27	53.21	51.90	51.32	51.25	51.55	53.26	50.94	55.41	58.37	63.62	63.33	62.79
28	52.92	51.90	51.40	51.19	51.58	52.77	50.89	54.88	58.35	63.71	63.34	62.79
29	52.98	51.88	51.42	51.27	---	52.49	50.85	54.69	58.53	63.54	63.40	62.83
30	53.02	51.81	51.34	51.31	---	52.26	50.82	54.81	58.33	63.18	63.45	62.82
31	53.05	---	51.31	51.36	---	52.09	---	54.88	---	62.86	63.60	---
Mean	53.53	52.30	51.59	51.18	51.51	51.83	51.38	52.28	56.56	60.66	63.45	63.01
Max	54.19	52.96	51.79	51.36	51.65	54.06	51.93	55.63	58.53	63.71	64.31	63.87
Min	52.92	51.81	51.21	50.93	51.29	51.14	50.82	50.85	54.85	58.32	62.49	62.57

Water Year 2007	
Mean	54.96
High	50.82
Low	64.31

395524074502502 Local number 050259 Medford 2 Obs—Continued

