

Water-Data Report 2007

400711074020201 Local number 250486 Sea Girt Obs

Northern Atlantic Coastal Plain aquifer system

Mount Laurel Sand-Wenonah Formation

Monmouth County, NJ

LOCATION.--Lat 40°07'11", long 74°02'02" referenced to North American Datum of 1927, Sea Girt Borough, Monmouth County, NJ, Hydrologic Unit 02040301, at the National Guard Camp.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 614 ft. Upper casing diameter 4 in, top of first opening 604 ft, bottom of last opening 614 ft. Drilled artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3 ft above land-surface datum, Oct. 23, 1998, to present.

PERIOD OF RECORD.--Mar. 1984 to current year.

GAGE.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, Mar. 1984 July 2007.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping. Well damaged by construction equipment, Oct. 1997; repaired June 1998.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 57.05 ft below land surface, May 19, 2007; lowest, 195.60 ft below land surface, Sept. 17, 1988.

400711074020201 Local number 250486 Sea Girt 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	75.66	74.90	71.98	68.75	65.68	63.09	60.23	57.69	57.52	61.07	66.06	70.02
2	75.67	74.76	71.94	68.58	65.50	62.79	60.04	57.65	57.58	61.27	66.21	69.77
3	75.72	74.72	71.94	68.63	65.40	62.61	59.90	57.66	57.61	61.47	66.37	69.76
4	75.74	74.73	71.77	68.57	65.53	62.58	59.73	57.70	57.43	61.64	66.52	69.79
5	75.70	74.72	71.64	68.40	65.62	62.65	59.52	57.67	57.44	61.77	66.66	69.84
6	75.65	74.65	71.54	68.21	65.65	62.78	59.55	57.60	57.60	61.89	66.78	69.89
7	75.52	74.55	71.37	68.18	65.52	62.79	59.47	57.58	57.82	62.03	66.89	69.95
8	75.56	74.24	71.35	67.97	65.36	62.64	59.43	57.58	57.98	62.17	67.00	70.02
9	75.62	73.92	71.39	67.88	65.29	62.57	59.50	57.53	58.05	62.32	67.12	70.08
10	75.60	73.89	71.34	67.86	65.17	62.47	59.49	57.46	58.15	62.47	67.24	70.13
11	75.53	73.91	71.27	67.90	65.06	62.34	59.40	57.37	58.27	62.63	67.34	70.14
12	75.36	73.83	71.11	67.87	65.02	62.25	59.16	57.28	58.37	---	67.48	70.20
13	75.36	73.65	70.91	67.75	64.96	62.13	58.98	57.25	58.43	63.43	67.62	70.29
14	75.41	73.48	70.73	67.56	64.47	61.98	59.00	57.28	58.50	63.34	67.76	70.37
15	75.48	73.47	70.54	67.34	64.37	61.84	58.73	57.30	58.62	63.39	67.89	70.43
16	75.56	73.42	70.42	67.17	64.51	61.63	58.13	57.26	58.76	63.50	68.02	70.52
17	75.56	73.29	70.37	67.21	64.52	61.19	58.10	57.19	58.90	63.64	68.14	70.61
18	75.44	73.28	70.28	67.19	64.29	61.23	58.10	57.13	59.04	63.79	68.28	70.68
19	75.37	73.19	70.19	66.94	64.21	61.36	58.08	57.10	59.21	63.91	68.45	70.75
20	75.26	73.12	70.12	66.89	64.11	61.35	58.12	57.10	59.30	64.05	68.56	70.82
21	75.32	73.14	70.07	66.92	63.90	61.38	58.18	57.12	59.42	64.25	68.65	70.88
22	75.39	72.98	69.99	66.70	63.73	61.27	58.22	57.21	59.55	64.46	68.73	70.94
23	75.29	72.64	69.68	66.46	63.58	61.14	58.20	57.30	59.71	64.63	68.82	70.99
24	75.22	72.49	69.54	66.34	63.58	61.05	58.18	57.37	59.90	64.80	68.91	71.05
25	75.21	72.48	69.54	66.21	63.54	60.90	58.15	57.39	60.12	65.00	68.99	71.11
26	75.23	72.47	69.19	66.17	63.31	60.85	58.09	57.36	60.33	65.19	69.06	71.16
27	75.19	72.45	69.08	66.11	63.17	60.70	58.00	57.34	60.52	65.35	69.14	71.20
28	74.90	72.38	69.16	65.94	63.12	60.57	57.85	57.34	60.65	65.50	69.22	71.22
29	74.90	72.25	69.20	65.80	---	60.54	57.76	57.38	60.77	65.63	69.30	71.27
30	75.12	72.14	69.12	65.79	---	60.45	57.71	57.45	60.92	65.78	69.35	71.35
31	75.08	---	69.02	65.75	---	60.33	---	57.49	---	65.91	69.61	---
Mean	75.41	73.50	70.51	67.26	64.58	61.72	58.77	57.39	58.88	---	67.94	70.51
Max	75.74	74.90	71.98	68.75	65.68	63.09	60.23	57.70	60.92	---	69.61	71.35
Min	74.90	72.14	69.02	65.75	63.12	60.33	57.71	57.10	57.43	---	66.06	69.76

400711074020201 Local number 250486 Sea Girt Obs—Continued

