



Water-Data Report 2006

**392754074270101 Local number 010180 Oceanville 1 Obs NJ Permit Number 36-00294**

Northern Atlantic Coastal Plain aquifer system  
Kirkwood Formation, Lower Sand  
Atlantic County, NJ

LOCATION.--Lat 39°27'54", long 74°27'01" referenced to North American Datum of 1927, Galloway Township, Atlantic County, NJ, Hydrologic Unit 02040302, at the Edwin B. Forsythe National Wildlife Refuge, Brigantine Division, Oceanville.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 570 ft. Upper casing diameter 6 in; top of first opening 560 ft, bottom of last opening 570 ft. Drilled artesian well.

DATUM.--Land-surface datum is 27.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of bushing, 2.3 ft above land-surface datum, Feb. 1, 1984, to present.

PERIOD OF RECORD.--Oct. 1959 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval. Water-level recorder, Feb. 1984 to Apr. 2006. Water-level extremes recorder, Apr. 1977 to Feb. 1984. Periodic measurements, Aug. 1975 to Apr. 1977. Water-level recorder, Oct. 1959 to Aug. 1975.

REMARKS.--Water level is affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 33.62 ft below land surface, Apr. 13, 1961; lowest, 80.17 ft below land surface, Sept. 27, 30, 2006.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	78.34	---	---	72.27	67.95	65.55	62.67	60.80	63.69	68.88	73.62	78.64
2	---	---	---	72.20	67.82	65.36	62.62	60.72	63.91	69.10	73.81	78.42
3	---	---	---	71.80	67.68	65.32	62.47	60.74	64.07	69.30	74.01	78.67
4	---	---	---	71.67	67.59	65.31	62.30	60.76	64.29	69.46	74.20	78.87
5	78.62	---	---	71.55	67.46	65.26	62.22	60.80	64.51	69.61	74.41	78.98
6	---	---	---	71.47	67.58	65.17	62.16	60.85	64.71	69.66	74.61	79.05
7	---	---	---	71.39	67.59	65.08	62.04	60.98	64.75	69.88	74.83	79.19
8	---	---	---	71.31	67.52	65.03	61.92	61.03	64.85	70.11	75.03	79.29
9	78.68	---	---	71.16	67.42	64.91	61.86	61.04	64.91	70.30	75.23	79.39
10	78.68	---	---	71.11	67.36	64.81	61.79	61.06	64.96	70.51	75.39	79.48
11	---	---	---	70.89	67.19	64.87	61.73	61.06	65.07	70.70	75.57	79.53
12	78.43	---	---	70.71	66.74	64.81	61.67	61.01	65.15	70.83	75.77	79.56
13	78.18	---	---	70.53	66.82	64.68	61.56	61.11	65.24	70.93	75.95	79.63
14	78.05	---	---	70.10	66.88	64.56	61.42	61.19	65.31	71.04	76.12	79.69
15	78.04	---	---	70.00	66.88	64.59	61.24	61.21	65.38	71.12	76.28	79.70
16	---	---	---	69.93	66.81	64.57	61.15	61.24	65.47	71.23	76.44	79.74
17	---	---	---	69.83	66.69	64.43	61.09	61.33	65.57	71.35	76.59	79.78
18	---	---	---	69.57	66.68	64.30	61.06	61.38	65.71	71.50	76.72	79.83
19	---	---	---	69.64	66.65	64.15	61.00	61.47	65.89	71.69	76.84	79.85
20	---	---	73.09	69.54	66.51	64.01	60.97	61.68	66.10	71.83	76.95	79.89
21	---	---	73.02	69.39	66.37	63.81	60.95	61.86	66.38	72.00	77.13	80.01
22	---	---	72.96	69.41	66.25	---	60.80	62.05	66.65	72.10	77.29	80.05
23	---	---	72.88	69.11	66.07	63.56	60.64	62.18	66.93	72.26	77.44	80.04
24	---	---	72.81	68.97	66.04	63.40	60.60	62.26	67.19	72.45	77.59	80.03
25	---	---	72.65	68.87	65.96	63.20	60.61	62.30	67.35	72.62	77.73	80.07
26	---	---	72.44	68.92	65.86	63.06	60.66	62.33	67.62	72.73	77.85	80.11
27	---	---	72.52	68.85	65.77	63.00	60.68	62.47	67.89	72.85	77.93	80.11
28	---	---	72.46	68.73	65.65	62.92	60.76	62.70	68.14	72.97	78.03	80.05
29	---	---	72.23	68.52	---	62.87	60.81	62.91	68.40	73.11	78.19	80.05
30	---	---	72.29	68.31	---	62.84	60.83	63.16	68.64	73.26	78.35	80.10
31	---	---	72.26	68.03	---	62.80	---	63.45	---	73.43	78.55	---
<b>Mean</b>	---	---	---	70.12	66.85	---	61.41	61.58	65.82	71.25	76.27	79.59
<b>Max</b>	---	---	---	72.27	67.95	---	62.67	63.45	68.64	73.43	78.55	80.11
<b>Min</b>	---	---	---	68.03	65.65	---	60.60	60.72	63.69	68.88	73.62	78.42

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