

Water-Data Report 2006

390012074472001 Local number 090337 M-1 N Wildwood 800 Obs NJ Permit Number 37-04660

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

LOCATION.--Lat 39°00'12", long 74°47'20" referenced to North American Datum of 1927, North Wildwood City, Cape May County, NJ, Hydrologic Unit 02040302, on the north side of 2nd Ave., between Surf Ave. and Ocean Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 965 ft. Upper casing diameter 4 in; top of first opening 910 ft, bottom of last opening 960 ft. Drilled artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 4.40 ft above land-surface datum, July 15, 1992, to present.

PERIOD OF RECORD.--July 1992 to current year.

GAGE.--Submersible logger pressure transducer--60-minute recording interval. Water-level recorder, July 1992 to May 1998.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.93 ft below land surface, May 20, 1993; lowest, 42.58 ft below land surface, Sept. 8, 10, 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	41.19	40.05	38.31	37.03	35.56	35.41	34.72	34.00	---	---	39.32	40.63
2	41.29	39.99	38.77	37.00	35.54	35.02	34.74	33.87	---	---	39.42	40.31
3	41.26	40.15	39.16	36.25	35.53	35.22	34.45	34.13	---	---	39.47	40.98
4	41.17	40.20	38.61	36.26	35.42	35.62	34.45	34.09	---	---	39.39	41.39
5	41.17	39.79	38.51	36.50	35.60	35.41	34.43	34.14	---	---	39.49	41.31
6	41.11	39.71	38.42	36.62	36.45	35.26	34.51	34.16	---	---	39.65	41.28
7	40.91	39.83	38.99	36.86	36.51	35.13	34.39	34.28	---	---	39.80	41.45
8	40.76	39.89	39.00	37.07	36.08	35.14	34.24	34.23	---	---	39.89	41.49
9	40.86	39.51	38.50	37.07	36.00	35.01	34.17	34.10	---	---	39.90	41.55
10	40.57	39.49	38.58	37.25	36.11	35.08	34.48	34.08	---	---	39.98	41.47
11	40.48	39.66	38.09	37.07	35.73	35.29	34.66	34.07	---	---	39.90	41.16
12	39.92	39.65	38.17	37.07	34.74	35.19	34.73	34.03	---	---	40.06	41.07
13	39.60	39.68	38.08	36.83	35.68	34.99	34.67	34.13	---	---	40.29	41.18
14	39.68	39.70	37.98	36.21	36.29	34.95	34.49	34.11	---	---	40.50	41.25
15	39.95	39.39	37.76	36.48	36.12	35.39	34.20	34.17	---	---	40.73	41.17
16	40.60	39.38	37.56	36.68	36.01	35.40	34.20	34.32	---	---	40.66	41.11
17	40.96	39.53	38.20	36.73	36.14	34.97	34.14	34.44	---	---	40.71	41.22
18	40.65	39.53	38.13	36.53	36.34	34.97	34.26	34.35	---	---	40.79	41.26
19	40.63	39.42	38.06	37.43	36.34	35.05	34.19	---	---	---	40.82	41.23
20	40.54	39.50	38.14	37.25	36.05	34.98	34.23	---	---	---	40.91	41.23
21	40.38	39.17	38.02	36.99	35.83	34.84	34.16	---	---	---	40.94	41.47
22	39.94	38.39	37.97	37.07	35.67	34.81	33.90	---	---	---	41.05	41.50
23	40.28	39.07	38.06	36.59	35.40	34.92	34.01	---	---	---	41.07	41.57
24	39.84	38.96	37.79	36.30	35.79	34.67	34.04	---	---	---	41.03	41.55
25	38.65	39.39	37.22	36.45	35.62	34.31	34.17	---	---	---	41.10	41.45
26	39.72	39.19	37.19	36.60	35.45	34.34	34.16	---	---	---	40.96	41.45
27	40.28	39.00	37.58	36.41	35.56	34.45	34.26	---	---	39.09	41.05	41.33
28	40.05	38.79	37.23	36.69	35.47	34.49	34.26	---	---	39.22	41.19	41.12
29	39.93	38.55	36.82	36.28	---	34.56	34.44	---	---	39.33	41.01	41.20
30	40.06	38.56	37.14	35.91	---	34.72	34.28	---	---	39.21	---	41.30
31	40.05	---	37.00	35.38	---	34.76	---	---	---	39.17	41.01	---
Mean	40.40	39.44	38.03	36.67	35.82	34.98	34.33	---	---	---	---	41.26
Max	41.29	40.20	39.16	37.43	36.51	35.62	34.74	---	---	---	---	41.57
Min	38.65	38.39	36.82	35.38	34.74	34.31	33.90	---	---	---	---	40.31

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