



Water-Data Report 2007

**390211074505501 Local number 090080 Cape May 42 Obs**

Northern Atlantic Coastal Plain aquifer system  
Cohansey Sand  
Cape May County, NJ

LOCATION.--Lat 39°02'13", long 74°50'56" referenced to North American Datum of 1927, Middle Township, Cape May County, NJ, Hydrologic Unit 02040302, in the center of the median of the Garden State Parkway, near mile marker 6.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 252 ft. Upper casing diameter 6 in, top of first opening 242 ft, bottom of last opening 252 ft. Drilled artesian well.

DATUM.--Land-surface datum is 13.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.41 ft above land-surface datum, Nov. 5, 1993, to present.

PERIOD OF RECORD.--July 1957 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, May 1963 to July 1970. Periodic measurements, Oct. 1958 to May 1963. Water-level recorder, July 1957 to Oct. 1958.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.82 ft below land surface, Apr. 3, 6, 1958; lowest, 24.60 ft below land surface, Aug. 21, 2006.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Oct 19	18.86	May 14	17.46
Dec 18	14.81	Jul 16	23.44
Mar 12	14.53	Sep 17	23.71

Water year 2007 highest: 14.53 Mar 12, 2007; lowest: 23.71 Sep 17, 2007

390211074505501 Local number 090080 Cape May 42 Obs—Continued

