



Water-Data Report 2006

**385748074553301 Local number 090048 Canal 5 Obs NJ Permit Number 37-00159**

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

LOCATION.--Lat 38°57'48", long 74°55'33" referenced to North American Datum of 1927, Lower Township, Cape May County, NJ, Hydrologic Unit 02040206, between the Cape May Canal and Jonathon Hoffman Rd.

**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 17.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.1 ft above land-surface datum, Nov. 15, 1993, to present.

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

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1963 to Aug. 1975. Periodic measurements, Oct. 1958 to Apr. 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, 22.90 ft below land surface, Mar. 17, 2000; lowest, 56.67 ft below land surface, Aug. 11, 1977.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Water level</b>	<b>Date</b>	<b>Water level</b>
Mar 16	24.98	Jul 26	40.53

Water year 2006 highest: 24.98 Mar 16, 2006; lowest: 40.53 Jul 26, 2006

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