



Water-Data Report 2010

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.

GROUNDWATER 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, April 1963 to August 1975. Periodic measurements, October 1958 to April 1963. Water-level recorder, July 1957 to October 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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 29	29.00	Jun 15	33.20
Jan 14	27.50	Aug 17	43.10
Apr 1	24.16		

Water year 2010 highest: 24.16, Apr 1, 2010; lowest: 43.10, Aug 17, 2010

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