



Water-Data Report 2007

390058074542701 Local number 090060 Airport 7 Obs

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

LOCATION.--Lat 39°00'56", long 74°54'26" referenced to North American Datum of 1927, Lower Township, Cape May County, NJ, Hydrologic Unit 02040206, at the Cape May County Airport.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 257 ft. Upper casing diameter 6 in, top of first opening 242 ft, bottom of last opening 257 ft. Drilled artesian well.

DATUM.--Land-surface datum is 13.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3 ft above land-surface datum, Nov. 1, 1968, to April 23, 2007; Top of base of locking cap, 0.00 ft above land-surface datum, April 23, 2007, to present.

PERIOD OF RECORD.--Jan. 1963 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, Apr. 1963 to Aug. 1975. Periodic measurements, Jan. 1963 to Apr. 1963.

REMARKS.--Water level is affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 15.00 ft below land surface, Apr. 9, 1964; lowest, 44.37 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
Mar 12	22.75	Jul 16	39.62
Apr 23	24.74	Sep 17	40.03

Water year 2007 highest: 22.75 Mar 12, 2007; lowest: 40.03 Sep 17, 2007

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