



Water-Data Report 2006

393232074263902 Local number 010775 FAA Intermediate Obs

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation
Atlantic County, NJ

LOCATION.--Lat 39°26'39", long 74°32'32" referenced to North American Datum of 1927, Egg Harbor Township, Atlantic County, NJ, Hydrologic Unit 02040302, at the FAA William J. Hughes Technical Center.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 182 ft. Upper casing diameter 4 in; top of first opening 132 ft, bottom of last opening 182 ft. Drilled water-table observation well.

DATUM.--Land-surface datum is 38.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC at mark, 1.25 ft above land-surface datum, May 1, 1985, to present.

PERIOD OF RECORD.--May 1985 to current year. Records for 1985 to 1989 are unpublished and are available in files of the New Jersey District Office.

GAGE.--None: periodic measurements with chalked steel tape.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 24.06 ft below land surface, May 29, 1985; lowest, 53.76 ft below land surface, July 18, 1995.

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

Date	Water level	Date	Water level
Dec 19	39.99	Jul 11	42.01
Feb 22	39.28	Sep 11	37.44
Apr 28	42.45		

Water year 2006 highest: 37.44 Sep 11, 2006; lowest: 42.45 Apr 28, 2006

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