



Water-Data Report 2007

400416074270104 Local number 290141 Colliers Mills 4 Obs

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

LOCATION.--Lat 40°04'14", long 74°27'02" referenced to North American Datum of 1927, Jackson Township, Ocean County, NJ, Hydrologic Unit 02040301, along western shore of Colliers Mills Pond.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 6 in, top of first opening 46 ft, bottom of last opening 71 ft. Drilled water-table well.

DATUM.--Land-surface datum is 135.31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.7 ft above land-surface datum, Oct. 27, 1988, to present.

PERIOD OF RECORD.--Mar. 1964 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level extremes recorder, Oct 1976 to Sept. 2004. Periodic measurements, July 1975 to Oct. 1976. Water-level recorder, Mar. 1964 to July 1975.

REMARKS.--Water level is affected by the stage of Colliers Mills Pond.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.68 ft below land surface, between Apr. 3 and July 11, 1984; lowest, 7.17 ft below land surface, between Dec. 4, 1984 and Mar. 6, 1985.

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

Date	Water level	Date	Water level
Nov 15	4.97	Jun 6	4.92
Jan 23	4.99	Aug 6	5.41
Mar 30	5.09		

Water year 2007 highest: 4.92 Jun 06, 2007; lowest: 5.41 Aug 06, 2007

