



Water-Data Report 2006

392508075184601 Local number 110073 Sheppards 2 Obs

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

LOCATION.--Lat 39°25'08", long 75°18'46" referenced to North American Datum of 1927, Hopewell Township, Cumberland County, NJ, Hydrologic Unit 02040206, at the Holly Shores Girl Scout Camp at Sheppards Mill, Greenwich Rd.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 4 in; top of first opening 35 ft, bottom of last opening 40 ft. Drilled water-table well.

DATUM.--Land-surface datum is 37.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.61 ft above land-surface datum, June 1, 1993, to present.

PERIOD OF RECORD.--Mar. 1973 to current year.

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

REMARKS.--Water level is affected by the stage of Sheppards Mill Pond.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.00 ft below land surface, May 4, 1973; lowest, 5.63 ft below land surface, Sept. 12, 2002.

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

Date	Water level	Date	Water level
Mar 23	4.86	Aug 14	4.91

Water year 2006 highest: 4.86 Mar 23, 2006; lowest: 4.91 Aug 14, 2006

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