



Water-Data Report 2007

404816074235901 Local number 270004 Clemens Obs

Sand and gravel aquifers (glaciated regions)

Stratified Drift

Morris County, NJ

LOCATION.--Lat 40°48'16", long 74°23'59" referenced to North American Datum of 1927, East Hanover Township, Morris County, NJ, Hydrologic Unit 02030103, about 3,200 ft southwest of the intersection of Rt. 10 and Ridgedale Ave.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 110 ft. Upper casing diameter 6 in, top of first opening 100 ft, bottom of last opening 110 ft. Drilled observation well.

DATUM.--Land-surface datum is 174.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of bushing, 4.6 ft above land-surface datum, May 1, 1979, to present.

PERIOD OF RECORD.--May 1966 to Sept. 1984, Apr. 1987 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Periodic measurements, Feb. 1975 to Sept. 1984. Water-level recorder, May 1966 to Feb. 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.33 ft below land surface, May 7, 1967; lowest, 31.53 ft below land surface, Aug. 15, 2002.

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

Date	Water level	Date	Water level
Apr 20	13.70	Sep 10	19.59

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