



Water-Data Report 2009

**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.

**GROUNDWATER 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 September 1984, April 1987 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Periodic measurements, February 1975 to September 1984. Water-level recorder, May 1966 to February 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 2008 TO SEPTEMBER 2009**

| <b>Date</b> | <b>Water level</b> | <b>Date</b> | <b>Water level</b> |
|-------------|--------------------|-------------|--------------------|
| Apr 17      | 14.79              | Sep 22      | 15.79              |

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