



Water-Data Report 2009

404510074240201 Local number 270017 Madison 4 Obs

Sand and gravel aquifers (glaciated regions)
Stratified Drift
Morris County, NJ

LOCATION.--Lat 40°45'08", long 74°24'02" referenced to North American Datum of 1927, Madison Borough, Morris County, NJ, Hydrologic Unit 02030103, at the Madison Borough Public Works facility, John Ave. and Dean St.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 8 in. Drilled observation well.

DATUM.--Land-surface datum is 194.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 1.97 ft above land-surface datum, Oct 1, 1982, to present.

PERIOD OF RECORD.--April 1955 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder, April 1955 to June 1970.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 8.50 ft below land surface, Apr 30, 1955; lowest, 42.01 ft below land surface, Aug 15, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Apr 17	18.17	Sep 22	20.91

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