



Water-Data Report 2009

393348075275703 Local number 330253 Salem 3 Obs

Northern Atlantic Coastal Plain aquifer system
Magothy-Raritan-Potomac Aquifer System, Upper Aquifer
Salem County, NJ

LOCATION.--Lat 39°33'49.1", long 75°27'54.3" referenced to North American Datum of 1927, Salem City, Salem County, NJ, Hydrologic Unit 02040206, about 300 ft south of the intersection of Elm and Magnolia Streets.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 340 ft. Upper casing diameter 6 in; top of first opening 335 ft, bottom of last opening 340 ft. Drilled artesian well.

DATUM.--Land-surface datum is 3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.12 ft above land-surface datum, Nov 22, 1988, to present.

PERIOD OF RECORD.—November 1965 to current year.

GAGE.--Periodic measurements with chalked steel tape. Water-level extremes recorder May 1977 to March 2005. Periodic measurements, August 1975 to May 1977. Water-level recorder, November 1965 to August 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.00 ft below land surface, Nov 1, 1965; lowest, 33.59 ft below land surface, Nov 20, 2008.

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

Date	Water level	Date	Water level
Nov 20	33.59	Jun 8	32.26
Feb 9	33.34	Aug 10	32.46
Apr 8	32.66		

Water year 2009 highest: 32.26 Jun 08, 2009; lowest: 33.59 Nov 20, 2008

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