



Water-Data Report 2007

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°33'48", long 75°27'55" 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.

GROUND-WATER 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.--Nov. 1965 to current year.

GAGE.--Periodic measurements with chalked steel tape. Water-level extremes recorder May 1977 to Mar. 2005. Periodic measurements, Aug. 1975 to May 1977. Water-level recorder, Nov. 1965 to Aug. 1975.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 12.00 ft below land surface, Nov. 1, 1965; lowest, 32.67 ft below land surface, between Dec. 2, 2002 and Mar. 19, 2003.

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

Date	Water level	Date	Water level
Oct 13	31.58	Apr 24	30.94
Dec 12	31.90	Jun 25	31.28
Feb 23	31.36	Aug 28	32.01

Water year 2007 highest: 30.94 Apr 24, 2007; lowest: 32.01 Aug 28, 2007

393348075275703 Local number 330253 Salem 3 Obs—Continued

