



Water-Data Report 2009

39520607511802 Local number 150773 National Park 5-ow-au NJ Permit Number 31-26238

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

LOCATION.--Lat 39°52'06", long 75°11'18" referenced to North American Datum of 1927, National Park Borough, Gloucester County, NJ, Hydrologic Unit 02040202, near the intersection of Hessian Ave. and S. Second St.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 2 in; top of first opening 30 ft, bottom of last opening 50 ft. Drilled artesian well.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.40 ft above land-surface datum, May 9, 2002, to present.

PERIOD OF RECORD.--May 2000 to current year.

GAGE.--None: periodic measurements with chalked steel tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 5.30 ft below land surface, Apr 4, 2005; lowest, 10.27 ft below land surface, Mar 27, 2002.

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

Date	Water level	Date	Water level
Nov 12	8.72	Jun 1	7.45
Jan 23	7.95	Jul 9	7.09
Mar 18	8.10	Sep 17	6.87

Water year 2009 highest: 6.87 Sep 17, 2009; lowest: 8.72 Nov 12, 2008

