



Water-Data Report 2009

391621074435501 Local number 090185 Macnamara W A

Northern Atlantic Coastal Plain aquifer system
Kirkwood Formation, Lower Sand
Cape May County, NJ

LOCATION.--Lat 39°16'21.4", long 74°43'54.5" referenced to North American Datum of 1983, Upper Township, Cape May County, NJ, Hydrologic Unit 02040302, McNamara Wildlife Management Area.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 655 ft. Upper casing diameter 4 in; top of first opening 640 ft, bottom of last opening 650 ft. Drilled artesian well.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 inch coupling, 3.3 ft above land-surface datum, Dec 29, 1988, to present.

PERIOD OF RECORD.--October 1985 to November 1986, September 2006 to current year.

GAGE.--None: Periodic measurements with chalked steel tape. Water-level recorder, October 1985 to November 1986

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 40.30 ft below land surface, Apr 5, 1985; lowest, 62.84 ft below land surface, Oct 20, 2008.

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

Date	Water level	Date	Water level
Oct 20	62.84	Apr 30	52.88
Dec 4	59.96	Jun 22	53.85
Feb 26	55.47	Aug 25	62.19

Water year 2009 highest: 52.88 Apr 30, 2009; lowest: 62.84 Oct 20, 2008

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