



Water-Data Report 2009

392232074234401 Local number 010704 Egg Harbor Hs Deep

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

LOCATION.--Lat 39°23'43", long 74°37'33" referenced to North American Datum of 1927, Egg Harbor Township, Atlantic County, NJ, Hydrologic Unit 02040302.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 611 ft. Upper casing diameter 4 in; top of first opening 596 ft, bottom of last opening 606 ft. Drilled artesian well.

DATUM.--Land-surface datum is 51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.7 ft above land-surface datum, May 9, 2005, to present.

PERIOD OF RECORD.--April 1985 to November 1986, December 1988, December 1993, November 1998, November 2003, September 2006 to current year.

GAGE.--None: periodic measurements with chalked steel tape. Water-level recorder April 1985 to November 1986.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level 79.40 ft below land surface, Mar 2, 1986; lowest 116.82 ft below land surface Oct 3, 2008.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 3 | 116.82 | Apr 1 | 102.32 |
| Nov 26 | 111.73 | Jun 16 | 106.95 |
| Feb 13 | 106.41 | Aug 13 | 114.99 |

Water year 2009 highest: 102.32 Apr 1, 2009; lowest: 116.82 Oct 3, 2008

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