



Water-Data Report 2009

354926076452901 Local number WS-108, K17A8, NEAR PLYMOUTH, NC

Castle Hayne aquifer
Castle Hayne Formation
Washington County, NC

LOCATION.--Lat 35°49'26", long 76°45'29" referenced to North American Datum of 1983, Washington County, NC, Hydrologic Unit 03010107, on Secondary Road 1106, .6 mi east of Secondary Road 1100, 3.4 mi south of Plymouth.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 185 ft. Upper casing diameter 6.0 in; top of first opening 165 ft, bottom of last opening 185 ft.

DATUM.--Land-surface datum is 33.38 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.20 ft above land-surface datum, June 7, 2007, to present.

PERIOD OF RECORD.--May 2003, May to September 2005, June 2007 to April 2009.

GAGE.--Measured periodically with electric and steel tape.

REMARKS.--Well measured as part of the National Water Quality Assessment (NAWQA) program.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.55 ft below land-surface datum, May 3, 2005; lowest water level measured, 35.02 ft below land-surface datum, June 28, 2008.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 9, 2009	33.65

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