



Water-Data Report 2011

340022077590901 Local number BR-279, SPMT 44-A, MILITARY OCEAN TERMINAL AT SUNNY POINT, NC

Castle Hayne aquifer
Castle Hayne Limestone

Brunswick County, NC

LOCATION.--Lat 34°00'22.47", long 77°59'08.92" referenced to North American Datum of 1983, Brunswick County, NC, Hydrologic Unit 03030005, at Military Ocean Terminal at Sunny Point on access road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 118.9 ft. Upper casing diameter 6.00 in; top of first opening 64 ft, bottom of last opening 118.9 ft. Drilled observation well, depth 117 ft, diameter 6 in., cased to 70.9 ft, open hole to 118.9 ft.

DATUM.--Land-surface datum is 25.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.14 ft above land-surface datum, April 21, 2011 to present.

PERIOD OF RECORD.--August to October 2000, May 2010.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.17 ft below land-surface datum, October 18, 2000; lowest water level measured 14.41 below land-surface datum, August 21, 2000.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level
Apr 21, 2011	12.64

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