



Water-Data Report 2009

344347077123705 Local number ON-468 PARKERTOWN RESEARCH STATION X22H5 NEAR HUBERT, NC

Northern Atlantic Coastal Plain aquifer system
Peedee Formation
Onslow County, NC

LOCATION.--Lat 34°43'46.7", long 77°12'37.4" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03020106, .11 mi east of Secondary Road 1432 (Parkertown Road), 2.13 mi northeast of Hubert.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 795 ft. Upper casing diameter 4.5 in; top of first opening 767 ft, bottom of last opening 787 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.94 ft above land-surface datum, April 30, 2008, to present.

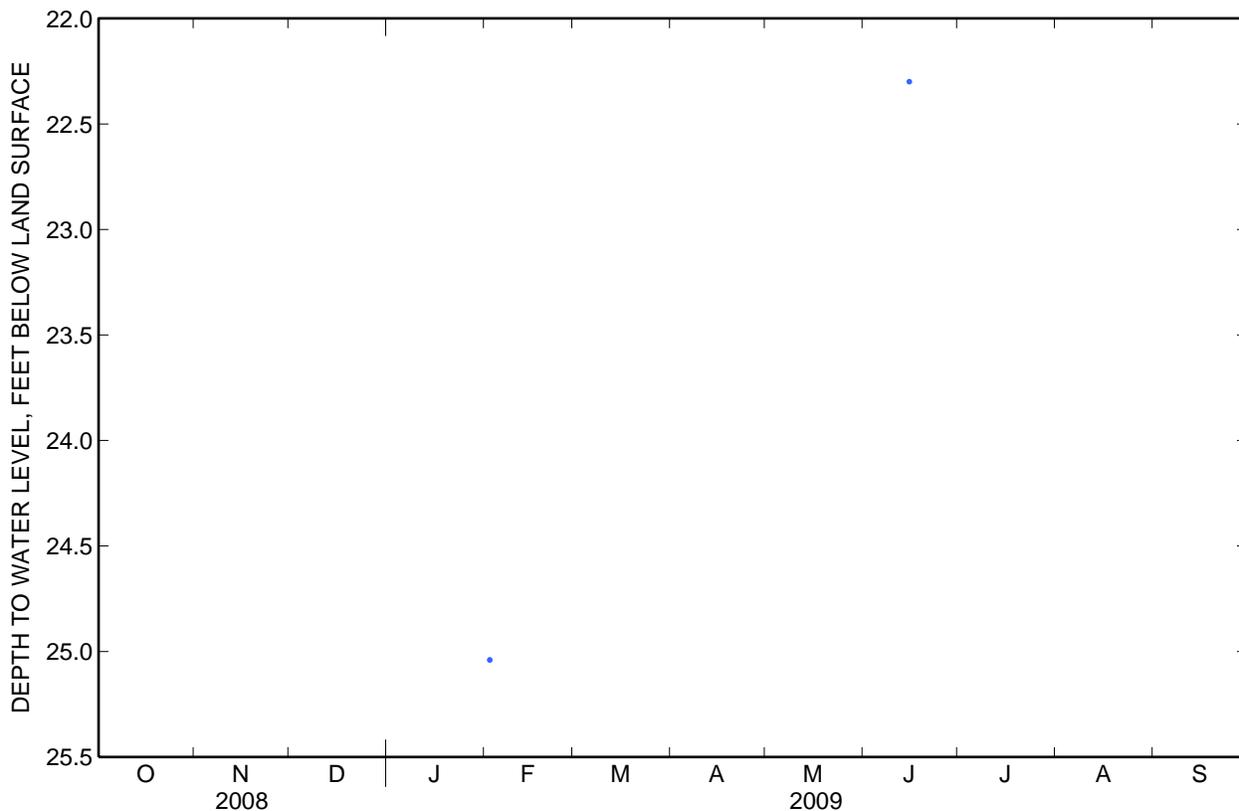
PERIOD OF RECORD.--February 2009, June 2009.

GAGE.--Measured periodically with electric tape.

REMARKS.--Well measured as part of the Onslow County groundwater study.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Feb 2, 2009	25.04	Jun 15, 2009	22.30



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 2009.

REMARKS.--Well sampled as part of the Onslow County groundwater study.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 3

[Remark codes: <, less than.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd std units (00400)	Specif- ic conduc- tance, wat un- f μS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Dis- solved solids dried @ 180degC wat flt mg/L (70300)	Dis- solved solids, sum of consti- tuents, mg/L (70301)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)
Jun 15...	1300	757	.1	1	7.2	13,700	19.3	8,380	9,000	2,100	292	329	359

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 2 of 3

[Remark codes: <, less than.]

Date	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt Gran, field, mg/L as CaCO3 (29802)	Bicar- bonate, wat flt Gran titr., field, mg/L (63786)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, unfltrd mg/L as P (00665)
Jun 15...	2,730	485	592	3,660	.87	59.9	1,270	1.2	1.04	<.016	<.002	.024	.038

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008
TO SEPTEMBER 2009**

Part 3 of 3

[Remark codes: <, less than.]

Date	Iron, water, fltrd, μg/L (01046)	Mangan- ese, water, fltrd, μg/L (01056)
Jun 15...	1,620	57.9