



Water-Data Report 2009

344347077123706 Local number ON-469 PARKERTOWN RESEARCH STATION X22H6 NEAR HUBERT, NC

Northern Atlantic Coastal Plain aquifer system
 Black Creek Aquifer
 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

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2.11 ft above land-surface datum, May 8, 2008, to present.

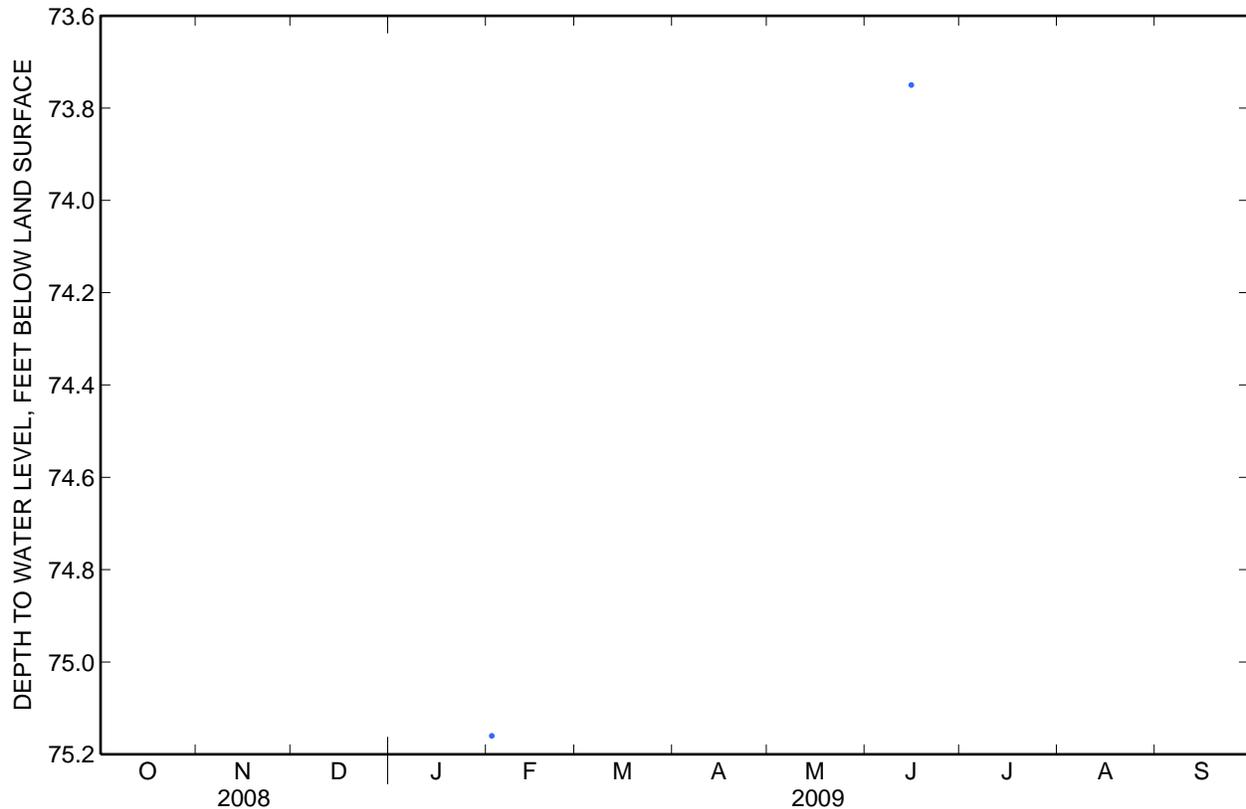
PERIOD OF RECORD.--February 2009, June 2009.

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	75.16	Jun 15, 2009	73.75



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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...	1430	757	.1	2	7.0	17,900	19.7	10,500	10,500	550	80.4	84.9	116

**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...	3,620	661	806	5,590	.83	10.5	613	1.5	1.41	<.016	<.002	.020	.032

**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...	442	11.5