



Water-Data Report 2012

335334078352102 Local number BR-116; DENR Calabash Research Station well HH39j3.

Northern Atlantic Coastal Plain aquifer system
Black Creek Aquifer

Brunswick County, NC

LOCATION.--Lat 33°53'34", long 78°35'21" referenced to North American Datum of 1983, Brunswick County, NC, Hydrologic Unit 03040207, .75 mi west of Country Club Drive on Carolina Shores Drive. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 660 ft. Upper casing diameter 6 in; top of first opening 644 ft, bottom of last opening 654 ft. Drilled observation well, depth 660 ft, diameter 6 in.; cased to 644 ft and from 654 to 660 ft, screened interval from 644 to 654 ft.

DATUM.--Land-surface datum is 47.59 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.79 ft above land-surface datum, May 3, 1974, to present. Land-surface datum is 47.59 ft above NGVD of 1929. Measuring point: Top of casing, 2.79 ft above land-surface datum.

PERIOD OF RECORD.--May 1973 to current year. Continuous record October 1999 to January 2008.

REMARKS.--Well is part of Brunswick County ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.79 ft below land-surface datum, May 7, 1973; lowest water level measured, 53.00 ft below land-surface datum, November 11, 1991.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Nov 14, 2011	47.50	S	--	Jun 7, 2012	47.55	S	--
Jan 24, 2012	47.63	S	--	Sep 12	48.15	S	--
Mar 20	47.44	S	--				

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