

Water-Data Report 2012

0204390675 ALBEMARLE SOUND NEAR HARVEY POINT, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°05'01", long 76°17'34" referenced to North American Datum of 1983, Perquimans County, NC, Hydrologic Unit 03010205, approximately 1.2 mi southeast of Harvey Point and 4.4 mi southwest of Reed Point.

DRAINAGE AREA.--Indeterminate.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2012.

REMARKS.--Station operated in 2012 to define water quality in the Albemarle Sound as part of the National Monitoring Network for U.S. Coastal Waters and their Tributaries. Water-quality samples were collected through a zone equal to double the secchi depth using the depth-integration sampling technique.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 1 of 2

[CaCO₃, calcium carbonate; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)
07-19-2012	1130	Surface water	Regular	761	30.6	8.4	7.5	6,300	28.7

0204390675 ALBEMARLE SOUND NEAR HARVEY POINT, NC—Continued**WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Part 2 of 2

[CaCO₃, calcium carbonate; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury;
°C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter]

Date	Sample start time	Trans- parency, water, in situ, Secchi disc, m (00078)	Photosynth etically active radiation (average flux density on a horizontal surface during measurem ent interval), micromole s of photons per square meter per second (99988)	Sampling depth, m (00098)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO₃ (39086)	Chloro- phyll a, phyto- plankton, chromato- graphic- fluoro- metric method, µg/L (70953)
07-19-2012	1130	1.25	1,500	2.5	37	7.4