

0208117828 ALLIGATOR RIVER AT US HIGHWAY 64 NEAR SOUTHSORE LANDING, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 35°53'55", long 76°00'35" referenced to North American Datum of 1983, Tyrrell County, NC, Hydrologic Unit 03010205, at U.S. Highway 64 and 1.6 mi southeast of Southshore Landing.

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)	Depth to bottom from water surface, at sampling location, meters (82903)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)
07-18-2012	1000	Surface water	Regular	760	29.0	12.6	7.5	7.6	7,600

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Part 2 of 2

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Date	Sample start time	Temperature, water, °C (00010)	Transparency, water, in situ, Secchi disc, m (00078)	Photosynthetically active radiation (average flux density on a horizontal surface during measurement interval), micromoles 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)	Chlorophyll a, phytoplankton, chromatic-fluorometric method, µg/L (70953)
07-18-2012	1000	28.8	1.15	1,500	2.3	35	6.5