



Water-Data Report 2010

**07288655 BOGUE PHALIA AT DARLOVE, MS**

Yazoo Basin  
Big Sunflower Subbasin

LOCATION.--Lat 33°14'01", long 90°47'05" referenced to North American Datum of 1927, Washington County, MS, Hydrologic Unit 08030207.

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[CaCO<sub>3</sub>, calcium carbonate; NTRU, nephelometric turbidity ratio unit; ft<sup>3</sup>/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; μS/cm, microsiemens per centimeter]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Discharge, instantaneous, ft <sup>3</sup> /s (00061)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)
04-13-2010	1600	774	71	6.6	199	24.7	160	73	88

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[N, nitrogen; P, phosphorus; mg/L, milligrams per liter]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)
04-13-2010	.174	.95	.059	.23	2.00