

**03525146 CLINCH RIVER ABOVE STOCK CREEK AT CLINCHPORT, VA**

Upper Tennessee Basin  
Upper Clinch Subbasin

LOCATION.--Lat 36°40'32.1", long 82°44'31.3" referenced to North American Datum of 1983, Scott County, VA, Hydrologic Unit 06010205.

DRAINAGE AREA.--958 mi<sup>2</sup>.

**WATER-QUALITY RECORDS**

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

Part 1 of 5

[CaCO<sub>3</sub>, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Medium name	Sample type	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)	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Calcium, water, unfiltered, recoverable, mg/L (00916)
08-21-2012	1135	Surface water	Regular	7.7	8.3	395	22.7	5.3	42.7

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

Part 2 of 5

[CaCO<sub>3</sub>, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Potassium, water, unfiltered, recoverable, mg/L (00937)	Sodium, water, unfiltered, recoverable, mg/L (00929)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO <sub>3</sub> (39086)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Sulfate, water, filtered, mg/L (00945)
08-21-2012	1135	15.9	2.44	15.6	134	0.38	10.6	0.08	0.03	57.4

## 03525146 CLINCH RIVER ABOVE STOCK CREEK AT CLINCHPORT, VA—Continued

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

Part 3 of 5

[CaCO<sub>3</sub>, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Ammonia plus organic nitrogen, water, unfiltered,	Ammonia, water, filtered,	Nitrate plus nitrite, water, filtered,	Nitrite, water, filtered,	Organic nitrogen, water, unfiltered,	Orthophosphate, water, filtered,	Particulate nitrogen, suspended in water,	Phosphorus, water, unfiltered,
		mg/L as N (00625)	mg/L as N (00608)	mg/L as N (00631)	mg/L as N (00613)	mg/L (00605)	mg/L as P (00671)	mg/L (49570)	mg/L as P (00665)
08-21-2012	1135	0.15	< .010	0.512	0.003	< .14	0.005	0.019	0.02

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

Part 4 of 5

[CaCO<sub>3</sub>, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Total nitrogen, water, unfiltered, analytically determined,	Aluminum, water, unfiltered, recoverable,	Cadmium, water, unfiltered,	Chromium, water, unfiltered, recoverable,	Copper, water, unfiltered, recoverable,	Iron, water, unfiltered, recoverable,	Lead, water, unfiltered, recoverable,	Manganese, water, unfiltered, recoverable,	Nickel, water, unfiltered, recoverable,
		mg/L (62855)	µg/L (01105)	µg/L (01027)	µg/L (01034)	µg/L (01042)	µg/L (01045)	µg/L (01051)	µg/L (01055)	µg/L (01067)
08-21-2012	1135	0.65	83.3	< .016	< .30	< 1.4	155	0.22	19.1	0.67

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

Part 5 of 5

[CaCO<sub>3</sub>, calcium carbonate; FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Zinc, water, unfiltered, recoverable,	Arsenic, water, unfiltered,	Selenium, water, unfiltered,	Organic carbon, suspended sediment, total,	Suspended sediment concentration,
		µg/L (01092)	µg/L (01002)	µg/L (01147)	mg/L (00689)	mg/L (80154)
08-21-2012	1135	< 3.0	0.42	0.251	0.35	6