03077946 SOUTH BRANCH CASSELMAN RIVER AT BEVANSVILLE, MD

Monongahela Basin
Youghiogheny Subbasin

LOCATION.--Lat 39°39'21.1", long 79°10'51.1" referenced to North American Datum of 1983, Garrett County, MD, Hydrologic Unit 05020006, 200 ft upstream of Clayburn Inc. off Bittinger Road, 3.25 miles south of Grantsville.

DRAINAGE AREA.--19.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 2009 to current year, operated as a low-flow partial-record station.

REMARKS.--Casselman River Basin study.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft^3/s
Oct 13, 2010	1.23
Nov 9, 2010	3.10
Jul 25, 2011	1.61

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 03077946, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/03077946.2011.pdf

03077946 SOUTH BRANCH CASSELMAN RIVER AT BEVANSVILLE, MD—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2010 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 1 of 2
[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; ft³/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	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft³/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
10-13-2010	**0730**	Surface water	Regular	704	2.2	1.2	8.5	81	6.5
11-09-2010	**0815**	Surface water	Regular	705	0.0	3.1	11.8	92	5.8
07-25-2011	**0715**	Surface water	Regular	704	20.6	1.6	5.9	73	7.3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 2
[%, percent; FNU, Formazin nephelometric units; LED, light-emitting diode; ft³/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	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)
10-13-2010	**0730**	133	9.4	4.0
11-09-2010	**0815**	186	2.2	2.0
07-25-2011	**0715**	202	22.0	3.0