

03077900 NORTH BRANCH CASSELMAN RIVER AT BEVANSVILLE, MD

Monongahela Basin
Youghiogheny Subbasin

LOCATION.--Lat 39°39'26.1", long 79°12'14.0" referenced to North American Datum of 1983, Garrett County, MD, Hydrologic Unit 05020006, On Durst Road, 15 ft downstream of bridge, 3.75 miles southwest of Grantsville.

DRAINAGE AREA.--21.5 mi².

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 ft³/s
Oct 13, 2010	1.42
Nov 9, 2010	3.97
Jul 25, 2011	2.20

03077900 NORTH 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, ft ³ /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	1115	Surface water	Regular	700	18.4	1.4	87.4	850	7.5
11-09-2010	1145	Surface water	Regular	701	12.7	4.0	11.3	95	7.3
07-25-2011	1045	Surface water	Regular	700	26.4	2.2	6.5	81	7.2

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	1115	97	10.4	1.0
11-09-2010	1145	144	4.6	1.0
07-25-2011	1045	132	21.9	2.0