



Water-Data Report 2012

0205507720 ROANOKE RIVER AT CARLISLE AVENUE AT ROANOKE, VA

Roanoke Basin
Upper Roanoke Subbasin

LOCATION.--Lat 37°15'43.0", long 79°54'50.3" referenced to North American Datum of 1983, Roanoke City, VA, Hydrologic Unit 03010101, 350 ft upstream of 13th Street bridge, in pool.

DRAINAGE AREA.--390 mi².

WATER-QUALITY RECORDS

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

Part 1 of 3
[mm, millimeters]

Date	Sample start time	Medium name	Sample type	Exposed bedrock in streambed (fraction of the streambed that is exposed bedrock), percent (34777)	Bed sediment, direct measurement, percent smaller than 0.063 mm (69140)	Bed sediment, direct measurement, percent smaller than 2 mm (69120)	Bed sediment, direct measurement, percent smaller than 64 mm (69095)	Bed sediment, direct measurement, percent smaller than 256 mm (69086)
08-09-2012	1015	Bottom material	Replicate	9	24	50	85	90
08-09-2012	1130	<i>QC sample - Bottom material</i>	<i>Replicate</i>	<i>10</i>	<i>24</i>	<i>48</i>	<i>82</i>	<i>89</i>

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

Part 2 of 3
[mm, millimeters]

Date	Sample start time	Bed sediment, direct measurement, percent smaller than 2048 mm (69080)	Bed sediment, dry sieved, sieve diameter, percent smaller than 0.0625 mm (80164)	Bed sediment, dry sieved, sieve diameter, percent smaller than 0.125 mm (80165)	Bed sediment, dry sieved, sieve diameter, percent smaller than 0.25 mm (80166)	Bed sediment, dry sieved, sieve diameter, percent smaller than 0.5 mm (80167)	Bed sediment, dry sieved, sieve diameter, percent smaller than 1 mm (80168)	Bed sediment, dry sieved, sieve diameter, percent smaller than 2 mm (80169)	Bed sediment, dry sieved, sieve diameter, percent smaller than 4 mm (80170)	Bed sediment, dry sieved, sieve diameter, percent smaller than 8 mm (80171)
08-09-2012	1015	91	1	1	4	7	21	45	64	83
08-09-2012	1130	90	1	2	4	7	21	47	71	89

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER
2012

Part 3 of 3

[mm, millimeters]

Date	Sample start time	Bed sediment, dry sieved, sieve diameter, percent smaller than 16 mm (80172)	Bed sediment, dry sieved, sieve diameter, percent smaller than 32 mm (80173)
08-09-2012	1015	100	--
08-09-2012	1130	95	100