



Water-Data Report 2012

0205458550 ROANOKE RIVER NEAR FRONT STREET AT SALEM, VA

Roanoke Basin
Upper Roanoke Subbasin

LOCATION.--Lat 37°17'02.5", long 80°03'45.8" referenced to North American Datum of 1983, Salem City, VA, Hydrologic Unit 03010101, 425 ft upstream of Eddy Street bridge, in pool.

DRAINAGE AREA.--310 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)	Bed sediment, direct measurement, percent smaller than 2048 mm (69080)
08-08-2012	0900	Bottom material	Regular	3	16	45	77	82	97

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

Part 2 of 3
[mm, millimeters]

Date	Sample start time	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)	Bed sediment, dry sieved, sieve diameter, percent smaller than 16 mm (80172)
08-08-2012	0900	0.0	1	2	6	14	23	35	54	92

0205458550 ROANOKE RIVER NEAR FRONT STREET AT SALEM, VA—Continued

**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 32 mm (80173)
08-08-2012	0900	100
