0205500550 ROANOKE RIVER AT WHITMAN STREET AT ROANOKE, VA

Roanoke Basin
Upper Roanoke Subbasin

LOCATION.--Lat 37°15'26.5", long 79°55'52.6" referenced to North American Datum of 1983, Roanoke City, VA, Hydrologic Unit 03010101, 2400 ft upstream of 9th Street bridge, in riffle.

DRAINAGE AREA.--384 mi².

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 4
[mm, millimeters; <, less than]

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 0.125 mm (69136)	Bed sediment, direct measurement, percent smaller than 0.25 mm (69132)	Bed sediment, direct measurement, percent smaller than 0.5 mm (69128)	Bed sediment, direct measurement, percent smaller than 1 mm (69124)
08-07-2012	**1445**	Bottom material	Regular	< 1	26	31	34	40	43

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 4
[mm, millimeters; <, less than]

Date	Sample start time	Bed sediment, direct measurement, percent smaller than 2 mm (69120)	Bed sediment, direct measurement, percent smaller than 4 mm (69116)	Bed sediment, direct measurement, percent smaller than 5.6 mm (69114)	Bed sediment, direct measurement, percent smaller than 8 mm (69111)	Bed sediment, direct measurement, percent smaller than 11.2 mm (69109)	Bed sediment, direct measurement, percent smaller than 16 mm (69106)	Bed sediment, direct measurement, percent smaller than 22.4 mm (69104)	Bed sediment, direct measurement, percent smaller than 31.5 mm (69101)	Bed sediment, direct measurement, percent smaller than 45 mm (69099)
08-07-2012	**1445**	48	49	50	51	52	54	55	60	67

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 0205500550, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/0205500550.2012.pdf

0205500550 ROANOKE RIVER AT WHITMAN STREET AT ROANOKE, VA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 3 of 4
[mm, millimeters; <, less than]

Date	Sample start time	Bed sediment, direct measurement, percent smaller than 64 mm (69095)	Bed sediment, direct measurement, percent smaller than 90 mm (69093)	Bed sediment, direct measurement, percent smaller than 128 mm (69088)	Bed sediment, direct measurement, percent smaller than 192 mm (69087)	Bed sediment, direct measurement, percent smaller than 256 mm (69086)	Bed sediment, direct measurement, percent smaller than 384 mm (69085)	Bed sediment, direct measurement, percent smaller than 512 mm (69084)	Bed sediment, direct measurement, percent smaller than 1024 mm (69082)	Bed sediment, direct measurement, percent smaller than 2048 mm (69080)
08-07-2012	**1445**	81	89	94	96	98	99	99	100	100

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 4 of 4
[mm, millimeters; <, less than]

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)
08-07-2012	**1445**	1	2	2	4	12	39	68	100