

Lone Ranger BVR Inf 4 StreamStats Report

Region ID: VA

Workspace ID: VA20190123215041535000

Clicked Point (Latitude, Longitude): 37.31951, -79.82434

Time: 2019-01-23 16:50:59 -0500



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BRMETA	Percent area of metamorphic rocks within the Blue Ridge Physiographic Region	100	percent
CPSED	Percent area of sedimentary rock within the Coastal Plain Physiographic Region	0	percent
DRNAREA	Area that drains to a point on a stream	0.28	square miles
ELEV	Mean Basin Elevation	2036.21	feet
ELEVMAX	Maximum basin elevation	2266.25	feet

Parameter Code	Parameter Description	Value	Unit
I24H2Y	Maximum 24-hour precipitation that occurs on average once in 2 years - Equivalent to precipitation intensity index	3.295	inches
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0	percent
LC01CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2001	0	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	0	percent
LC01FORSHB	Percentage of forests and shrub lands, classes 41 to 52, from NLCD 2001	100	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0	percent
LC01IMP	Percent imperviousness of basin area 2001 NLCD	0	percent
LC01WATER	Percentage of open water, class 11, from NLCD 2001	0	percent
LC01WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2001	0	percent
LC06BARE	Percent of area covered by barren rock using 2006 NLCD	0	percent
LC06CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2006	0	percent
LC06DEV	Percentage of land-use from NLCD 2006 classes 21-24	0	percent
LC06FORSHB	Percentage of forests and shrub lands, classes 41 to 52, from NLCD 2006	100	percent
LC06GRASS	Percent of area covered by grassland/herbaceous using 2006 NLCD	0	percent
LC06IMP	Percentage of impervious area determined from NLCD 2006 impervious dataset	0	percent
LC06WATER	Percent of open water, class 11, from NLCD 2006	0	percent
LC06WETLND	Percent of area covered by wetland using 2006 NLCD	0	percent
LC11BARE	Percentage of barren from NLCD 2011 class 31	0	percent
LC11CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2011	0	percent

Parameter Code	Parameter Description	Value	Unit
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	0	percent
LC11FORSHB	Percentage of forests and shrub lands, classes 41 to 52, from NLCD 2011	100	percent
LC11GRASS	Percent of area covered by grassland/herbaceous using 2011 NLCD	0	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	0	percent
LC11WATER	Percent of open water, class 11, from NLCD 2011	0	percent
LC11WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2011	0	percent
LFREGNO	Low Flow Region Number	1546	dimensionless
MESZOIC	Percent of area within the Mesozoic Basins	0	percent
MINBELEV	Minimum basin elevation	1924.83	feet
PDIGMET	Percent area of igneous and metamorphic within the Piedmont Physiographic Region	0	percent
PKREGNO	Peak Flow Region Number	1553	dimensionless
PRECIP	Mean Annual Precipitation	45.652	inches
RELIEF	Maximum - minimum elevation	341	feet
STATOM19_8	Percentage of soils with greater than 7.3 percent and less than or equal to 19.8 percent organic matter from STATSGO	0	percent
STATOM55_7	Percentage of soils with greater than 19.8 percent and less than or equal to 55.7 percent organic matter from STATSGO	0	percent
STATSCLAY10	Percentage of soils with less than 10 percent clay from STATSGO	0	percent
STATSCLY20	Percentage of soils with greater than 10 percent and less than or equal to 20 percent clay from STATSGO	0	percent
STATSCLY30	Percentage of soils with greater than 20 percent and less than or equal to 30 percent clay from STATSGO	100	percent
STATSCLY40	Percentage of soils with greater than 30 percent and less than or equal to 40 percent clay from STATSGO	0	percent

Parameter Code	Parameter Description	Value	Unit
STATSCLY50	Percentage of soils with greater than 40 percent and less than or equal to 50 percent clay from STATSGO	0	percent
STATSCLY60	Percentage of soils with greater than 50 percent and less than or equal to 60 percent clay from STATSGO	0	percent
STATSGODEP	Area-weighted average soil depth from NRCS STATSGO database	59	inches
STATSOM0_5	Percentage of soils with less than 0.5 percent organic matter from STATSGO	0	percent
STATSOM2_6	Percentage of soils with greater than 0.50 percent and less than or equal to 2.60 percent organic matter from STATSGO	100	percent
STATSOM7_3	Percentage of soils with greater than 2.6 percent and less than or equal to 7.3 percent organic matter from STATSGO	0	percent
STATSPERM	Area-weighted average soil permeability from NRCS STATSGO database	3.08	inches per hour
STATSWATCP	Available water capacity of the top 60 inches of soil - determined from STATSGO data	0.15	inch per inch
VRCARB	Percent of area of carbonate rocks within the Valley and Ridge Physiographic Region	0	percent
VRPLSLC	Percent of area of siliciclastic rocks within the Valley and Ridge or Appalachian Plateau Physiographic Regions	0	percent

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Application Version: 4.3.0