

78° 15' 22" W




78° 15' 22" W









MAP LEGEND

Area of Interest (AOI)







 Area of Interest (AOI)

Soils







Soil Rating Polygons

-  ≤ 70
-  > 70 and ≤ 80
-  > 80 and ≤ 84
-  > 84 and ≤ 90
-  > 90 and ≤ 95
-  Not rated or not available

Soil Rating Lines

-  ≤ 70
-  > 70 and ≤ 80
-  > 80 and ≤ 84
-  > 84 and ≤ 90
-  > 90 and ≤ 95
-  Not rated or not available






Soil Rating Points

-  ≤ 70
-  > 70 and ≤ 80
-  > 80 and ≤ 84
-  > 84 and ≤ 90
-  > 90 and ≤ 95
-  Not rated or not available

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lunenburg County, Virginia
 Survey Area Data: Version 8, Dec 13, 2013

Soil Survey Area: Nottoway County, Virginia
 Survey Area Data: Version 10, Dec 16, 2013

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 10, 2010—Jul 4, 2010

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))

Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))— Summary by Map Unit — Lunenburg County, Virginia (VA111)				
Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
1B2	Appling sandy loam, 2 to 7 percent slopes, eroded	84	146.1	18.1%
1C2	Appling sandy loam, 7 to 15 percent slopes, eroded	84	111.3	13.8%
2C	Ashlar loamy coarse sand, 7 to 15 percent slopes	75	5.8	0.7%
3B	Bolling fine sandy loam, 1 to 6 percent slopes	90	24.2	3.0%
4B	Caroline sandy loam, 1 to 7 percent slopes	76	5.8	0.7%
5B2	Cecil sandy loam, 2 to 7 percent slopes, eroded	83	176.1	21.8%
5C2	Cecil sandy loam, 7 to 15 percent slopes, eroded	83	55.8	6.9%
6	Chewacla, Toccoa, and Augusta loams, frequently flooded	95	21.7	2.7%
10C2	Helena sandy loam, 6 to 10 percent slopes, eroded	84	3.9	0.5%
12B	Iredell loam, 1 to 6 percent slopes	67	18.4	2.3%
12C2	Iredell loam, 6 to 12 percent slopes, eroded	67	2.6	0.3%
16D2	Mecklenburg loam, 15 to 20 percent slopes, eroded	79	0.0	0.0%
19D2	Pacolet sandy loam, 15 to 30 percent slopes, eroded	78	64.1	7.9%
20D	Poindexter silt loam, 15 to 25 percent slopes	70	2.1	0.3%
21D2	Tatum loam, 15 to 30 percent slopes, eroded	78	1.2	0.1%

Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))— Summary by Map Unit — Lunenburg County, Virginia (VA111)				
Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
23D2	Wedowee sandy loam, 15 to 30 percent slopes, eroded	80	162.5	20.1%
24B	Worsham loam, 0 to 4 percent slopes	88	4.7	0.6%
W	Water		1.5	0.2%
Subtotals for Soil Survey Area			807.9	99.9%
Totals for Area of Interest			808.9	100.0%

Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))— Summary by Map Unit — Nottoway County, Virginia (VA135)				
Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
Mn	Mixed alluvial land		1.0	0.1%
Subtotals for Soil Survey Area			1.0	0.1%
Totals for Area of Interest			808.9	100.0%

Description

The "site index" is the average height, in feet, that dominant and codominant trees of a given species attain in a specified number of years. The site index applies to fully stocked, even-aged, unmanaged stands.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this attribute, only the representative value is used.

Rating Options

Units of Measure: feet

Tree: loblolly pine

Site Index Base: Coile, Schumacher 1953 (690)

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: No