

Forest Productivity (Tree Site Index): loblolly pine (Coile, Schumacher 1953 (690))—Chilton County, Alabama (Mulberry Creek Farm- Chilton County, AL)

Map Scale: 1:12,800 if printed on A landscape (11" x 8.5") sheet.


Map features include:

- Geographical features: Little Creek, Mulberry Creek, Highway 191.
- Site indices (labeled in orange text): LwD2, LwF, Lvc, LvB2, LvB, LvC, AwB, AwA, MYA, GbE, AaA, Tr, To, LwF, Lvc, LvB, Lvc.
- Color-coded regions: Green (LwD2, LwF, Lvc, LvB2, LvB, LvC), Blue (LwD2, LvB, LvC, Tr, To), Yellow (AwB, AwA, MYA, AaA).
- Coordinates: 32° 51' 26" N, 86° 49' 4" W, 32° 50' 28" N, 86° 47' 17" W.
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MAP LEGEND

Area of Interest (AOI)







 Area of Interest (AOI)

Soils







Soil Rating Polygons

 ≤ 70
 > 70 and ≤ 80
 > 80 and ≤ 88
 > 88 and ≤ 90
 > 90 and ≤ 91
 Not rated or not available

Soil Rating Lines

 ≤ 70
 > 70 and ≤ 80
 > 80 and ≤ 88
 > 88 and ≤ 90
 > 90 and ≤ 91
 Not rated or not available






Soil Rating Points

 ≤ 70
 > 70 and ≤ 80
 > 80 and ≤ 88
 > 88 and ≤ 90
 > 90 and ≤ 91
 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:
 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: Chilton County, Alabama
 Survey Area Data: Version 9, Sep 21, 2017

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

Date(s) aerial images were photographed: Jan 29, 2015—Oct 29, 2017

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.

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Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
AaA	Altavista fine sandy loam, 0 to 2 percent slopes	91	53.6	10.6%
AwA	Angie-Wickham complex, 0 to 2 percent slopes	80	37.4	7.4%
AwB	Angie-Wickham complex, 2 to 6 percent slopes	90	3.8	0.7%
GbE	Guin and Bowie soils, 10 to 25 percent slopes	70	1.0	0.2%
LvB	Luverne fine sandy loam, 2 to 6 percent slopes	88	11.1	2.2%
LvB2	Luverne fine sandy loam, 2 to 6 percent slopes, eroded	88	9.9	1.9%
LvC	Luverne fine sandy loam, 6 to 10 percent slopes	88	56.3	11.1%
LvC2	Luverne fine sandy loam, 6 to 10 percent slopes, eroded	88	15.3	3.0%
LvD2	Luverne fine sandy loam, 10 to 15 percent slopes, eroded	88	27.6	5.4%
LwD2	Luverne-Boswell complex, 10 to 15 percent slopes, eroded	88	38.8	7.7%
LwF	Luverne-Boswell complex, 15 to 45 percent slopes	88	92.8	18.3%
MYA	Myatt-Bibb association, level	88	91.2	18.0%
To	Toccoa fine sandy loam	90	49.0	9.7%
Tr	Toccoa soils, local alluvium	90	18.8	3.7%
Totals for Area of Interest			506.6	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