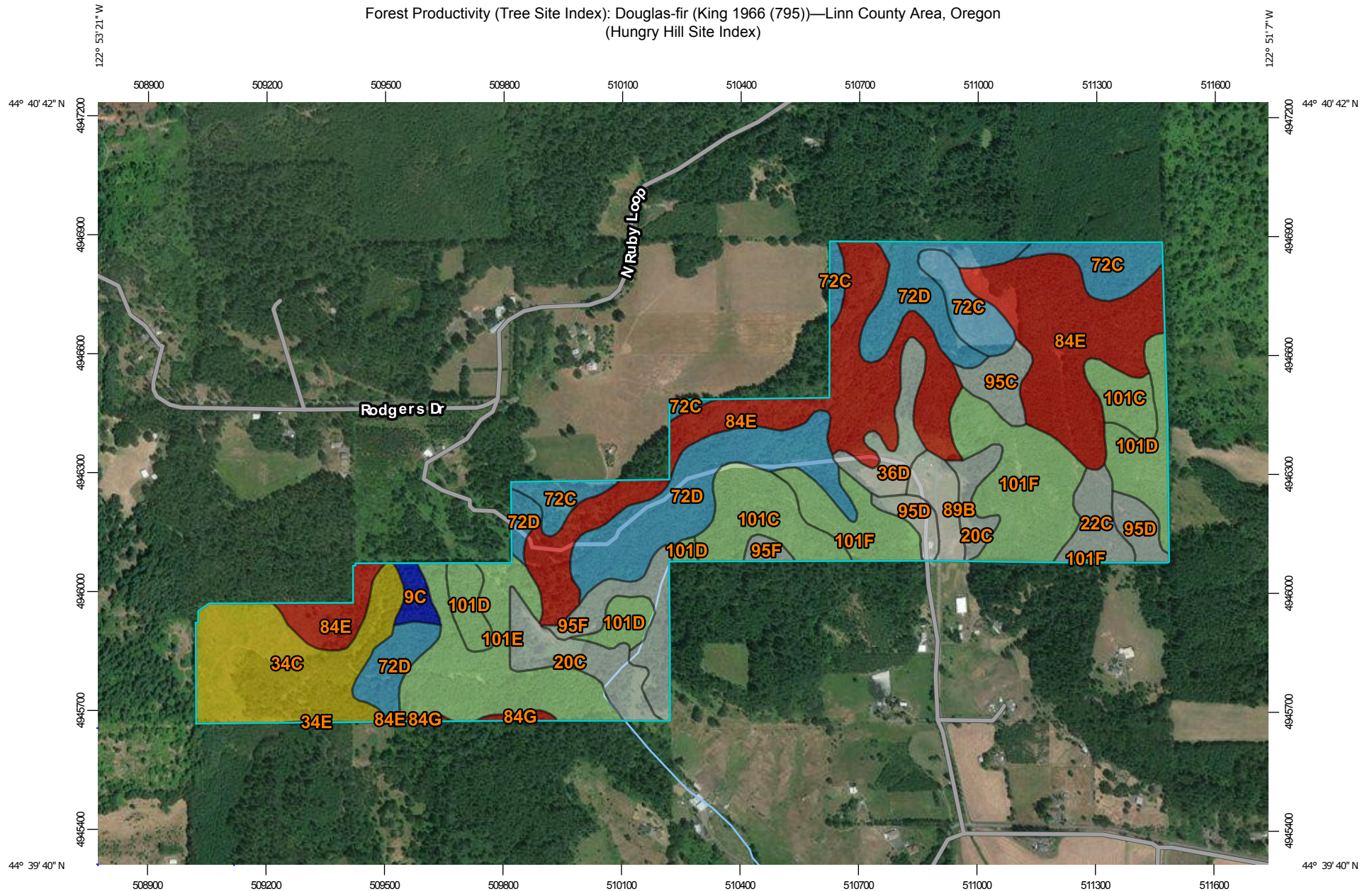
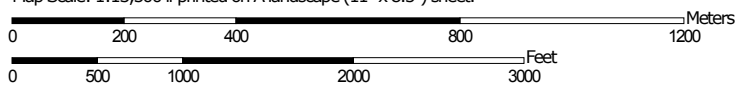


Forest Productivity (Tree Site Index): Douglas-fir (King 1966 (795))—Linn County Area, Oregon
(Hungry Hill Site Index)



Map Scale: 1:13,500 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 10N WGS84




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/8/2018
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MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils






Soil Rating Polygons

-  ≤ 107
-  > 107 and ≤ 109
-  > 109 and ≤ 110
-  > 110 and ≤ 113
-  > 113 and ≤ 115
-  Not rated or not available


Soil Rating Lines

-  ≤ 107
-  > 107 and ≤ 109
-  > 109 and ≤ 110
-  > 110 and ≤ 113
-  > 113 and ≤ 115
-  Not rated or not available






Soil Rating Points

-  ≤ 107
-  > 107 and ≤ 109
-  > 109 and ≤ 110
-  > 110 and ≤ 113
-  > 113 and ≤ 115
-  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: Linn County Area, Oregon

Survey Area Data: Version 12, Sep 19, 2017

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

Date(s) aerial images were photographed: Sep 29, 2015—Sep 13, 2016

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): Douglas-fir (King 1966 (795))

Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
9C	Bellpine silty clay loam, 3 to 12 percent slopes	115	2.8	0.8%
20C	Chehalem silt loam, 3 to 12 percent slopes		15.3	4.5%
22C	Chehulpum silt loam, 3 to 12 percent slopes		6.4	1.9%
34C	Dixonville silty clay loam, 3 to 12 percent slopes	109	30.6	9.0%
34E	Dixonville silty clay loam, 12 to 30 percent slopes	109	0.1	0.0%
36D	Dupee silt loam, 3 to 20 percent slopes		8.0	2.3%
72C	Nekia silty clay loam, 2 to 12 percent slopes	113	20.7	6.1%
72D	Nekia silty clay loam, 12 to 20 percent slopes	113	47.6	13.9%
84E	Ritner cobbly silty clay loam, 2 to 30 percent slopes	107	82.1	24.0%
84G	Ritner cobbly silty clay loam, 30 to 60 percent slopes	107	1.2	0.3%
89B	Santiam silt loam, 3 to 6 percent slopes		5.6	1.6%
95C	Steiwer silt loam, 3 to 12 percent slopes		5.4	1.6%
95D	Steiwer silt loam, 12 to 20 percent slopes		7.0	2.1%
95F	Steiwer silt loam, 20 to 50 percent slopes		11.8	3.4%
101C	Willakenzie clay loam, 2 to 12 percent slopes	110	19.4	5.7%
101D	Willakenzie clay loam, 12 to 20 percent slopes	110	18.7	5.5%
101E	Willakenzie clay loam, 20 to 30 percent slopes	110	26.6	7.8%
101F	Willakenzie clay loam, 30 to 50 percent slopes	110	32.2	9.4%

Map unit symbol	Map unit name	Rating (feet)	Acres in AOI	Percent of AOI
Totals for Area of Interest			341.4	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: Douglas-fir

Site Index Base: King 1966 (795)

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Interpret Nulls as Zero: No