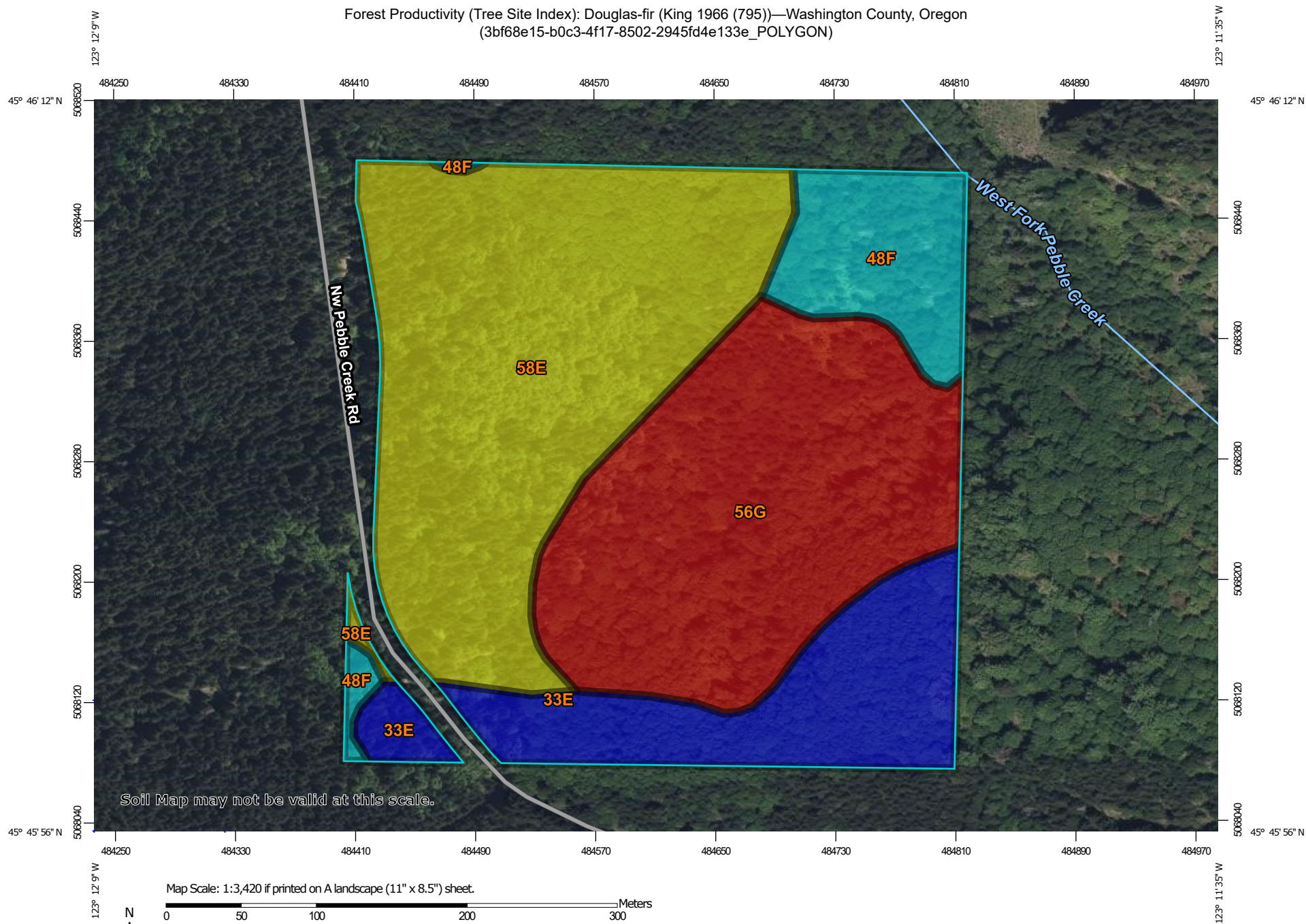
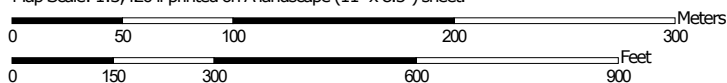


Forest Productivity (Tree Site Index): Douglas-fir (King 1966 (795))—Washington County, Oregon  
(3bf68e15-b0c3-4f17-8502-2945fd4e133e\_POLYGON)



Map Scale: 1:3,420 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

7/10/2025  
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## MAP LEGEND

### Area of Interest (AOI)






 Area of Interest (AOI)

### Soils






#### Soil Rating Polygons

-  ≤ 115
-  > 115 and ≤ 125
-  > 125 and ≤ 130
-  > 130 and ≤ 136
-  Not rated or not available


#### Soil Rating Lines

-  ≤ 115
-  > 115 and ≤ 125
-  > 125 and ≤ 130
-  > 130 and ≤ 136
-  Not rated or not available

#### Soil Rating Points

-  ≤ 115
-  > 115 and ≤ 125
-  > 125 and ≤ 130
-  > 130 and ≤ 136
-  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.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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: Washington County, Oregon  
Survey Area Data: Version 24, Aug 28, 2024

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

Date(s) aerial images were photographed: May 17, 2023—Jun 3, 2023

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
33E	Melby silt loam, 2 to 30 percent slopes	136	6.3	16.2%
48F	Scaponia-Braun silt loams, 30 to 60 percent north slopes	130	3.6	9.4%
56G	Braun-Scaponia silt loams, 60 to 90 percent north slopes	115	12.9	33.4%
58E	Vernonia silt loam, 3 to 30 percent slopes	125	15.8	40.9%
Totals for Area of Interest			38.6	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:* 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