



5000.0 m



# Point Description Sheet

Prepared By:



AERIAL IMAGERY | MAPPING | LIDAR | GIS | GPS SURVEYING

3410 W 11TH AVENUE  
EUGENE, OR 97402  
(541) 343-8877  
WWW.GEOTERRA.US

Point Designation: 16-028-101

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 52' 21.35014" N  
Longitude: 122° 34' 39.86545" W  
Ellipsoid Height: 642.786 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 349,000.297 Meters  
Easting: 235,861.006 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,145,014.10 Int. Feet  
Easting: 773,822.20 Int. Feet  
θ: -1° 26' 59.799"  
Scale Factor: 0.99982102  
Elevation Factor: 0.99989924  
Combined Factor: 0.99972028

## **NAVD 88 Orthometric Elevation**

665.489 Meters 2,183.36 Int. Feet

Ground shot; no monument set. Point is located in T8S-R2E-S16 at top of ridge at four way road intersection with spur roads SE-NW intersecting the SC200 road, approximately 50 feet SE of the center of the SC200 road and approximately centered in the spur road to the SE.



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Point Designation: 16-028-102

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 52' 16.84926" N  
Longitude: 122° 29' 41.40790" W  
Ellipsoid Height: 697.252 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 348,698.990 Meters  
Easting: 242,405.701 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,144,025.56 Int. Feet  
Easting: 795,294.29 Int. Feet  
θ: -1° 23' 31.521"  
Scale Factor: 0.99982079  
Elevation Factor: 0.99989070  
Combined Factor: 0.99971151

## **NAVD 88 Orthometric Elevation**

719.664 Meters 2,361.10 Int. Feet

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Ground shot; no monument set. Point is located in T8S-R3E-S18, approximately 85 feet NE of the end of the A230 road and approximately in the center of the road.



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Point Designation: 16-028-103

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 54' 36.60468" N  
Longitude: 122° 29' 47.92347" W  
Ellipsoid Height: 827.609 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 353,014.591 Meters  
Easting: 242,367.632 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,158,184.36 Int. Feet  
Easting: 795,169.40 Int. Feet  
θ: -1° 23' 36.068"  
Scale Factor: 0.99982833  
Elevation Factor: 0.99987027  
Combined Factor: 0.99969862

## **NAVD 88 Orthometric Elevation**

850.025 Meters 2,788.80 Int. Feet

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Ground shot; no monument set. Point is located in T8S-R3E-S6, at approximate C/L-C/L intersection of K510 road and spur road up ridge to SE.





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Point Designation: 16-028-104

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 53' 43.25217" N  
Longitude: 122° 25' 33.07598" W  
Ellipsoid Height: 1,115.734 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 351,234.865 Meters  
Easting: 247,916.815 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,152,345.36 Int. Feet  
Easting: 813,375.38 Int. Feet  
θ: -1° 20' 38.223"  
Scale Factor: 0.99982539  
Elevation Factor: 0.99982513  
Combined Factor: 0.99965055

## **NAVD 88 Orthometric Elevation**

1,137.893 Meters 3,733.24 Int. Feet

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Ground shot; no monument set. Point is located in T8S-R3E-S10, on log landing approximately 150 feet NW of spur road off of the K400 road.



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Point Designation: 16-028-105

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 52' 44.83431" N  
Longitude: 122° 26' 01.55215" W  
Ellipsoid Height: 936.627 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 349,447.045 Meters  
Easting: 247,249.818 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,146,479.81 Int. Feet  
Easting: 811,187.07 Int. Feet  
θ: -1° 20' 58.095"  
Scale Factor: 0.99982226  
Elevation Factor: 0.99985319  
Combined Factor: 0.99967548

## **NAVD 88 Orthometric Elevation**

958.816 Meters 3,145.72 Int. Feet

Ground shot; no monument set. Point is located in T8S-R3E-S15, approximately 485 feet west of the end of a dead end spur road off of the A601 road and approximately in the center of the spur road.



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Point Designation: 16-028-106

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 51' 27.16122" N  
Longitude: 122° 25' 32.48783" W  
Ellipsoid Height: 1,006.948 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 347,035.438 Meters  
Easting: 247,831.208 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,138,567.71 Int. Feet  
Easting: 813,094.51 Int. Feet  
θ: -1° 20' 37.813"  
Scale Factor: 0.99981822  
Elevation Factor: 0.99984217  
Combined Factor: 0.99966042

## **NAVD 88 Orthometric Elevation**

1,029.149 Meters 3,376.47 Int. Feet

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Ground shot; no monument set. Point is located in T8S-R3E-S22, on log landing approximately 250 feet south of the Lookout Mountain Mainline Road.





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Point Designation: 16-028-107

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 50' 28.39052" N  
Longitude: 122° 28' 59.25181" W  
Ellipsoid Height: 1,181.611 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 345,330.135 Meters  
Easting: 243,249.781 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,132,972.88 Int. Feet  
Easting: 798,063.58 Int. Feet  
θ: -1° 23' 02.103"  
Scale Factor: 0.99981525  
Elevation Factor: 0.99981480  
Combined Factor: 0.99963009

## **NAVD 88 Orthometric Elevation**

1,203.985 Meters 3,950.08 Int. Feet

NW corner of concrete pad; no monument set. Point is located in T8S-R3E-S30, on House Mountain, approximately 45 feet NW of communications tower at the NW corner of "T" shaped concrete pad for a generator shed and 2000 gallon fuel tank.



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Point Designation: 16-028-108

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 49' 56.54909" N  
Longitude: 122° 34' 54.16063" W  
Ellipsoid Height: 732.775 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 344,540.613 Meters  
Easting: 235,434.079 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,130,382.59 Int. Feet  
Easting: 772,421.52 Int. Feet  
θ: -1° 27' 09.774"  
Scale Factor: 0.99981368  
Elevation Factor: 0.99988513  
Combined Factor: 0.99969884

## **NAVD 88 Orthometric Elevation**

755.526 Meters 2,478.76 Int. Feet

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Ground shot; no monument set. Point is located in T8S-R2E-S32, approximately 25 feet NW of the end of the SC610 road and approximately in the center of the road.



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Point Designation: 16-028-109

Horiz. Method: GPS  
Vert. Method: GPS Derived

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 50' 00.65881" N  
Longitude: 122° 32' 31.19087" W  
Ellipsoid Height: 862.702 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 344,588.571 Meters  
Easting: 238,576.084 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,130,539.93 Int. Feet  
Easting: 782,729.93 Int. Feet  
θ: -1° 25' 30.004"  
Scale Factor: 0.99981388  
Elevation Factor: 0.99986477  
Combined Factor: 0.99967868

## **NAVD 88 Orthometric Elevation**

885.294 Meters 2,904.51 Int. Feet

Ground shot; no monument set. Point is located in T8S-R2E-S34, on SW side of Lookout Mountain Mainline Road, approximately 1.6 miles easterly along the road from intersection with Silver Creek Mainline Road, approximately 12 feet SW of the center of the road at a widened shoulder area.





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WWW.GEOTERRA.US

Point Designation: P384

Horiz. Method: ORGN Fixed  
Vert. Method: ORGN HAE Fixed

## **NAD 83 (2011) Geodetic Coordinates**

Latitude: 44° 50' 28.05574" N  
Longitude: 122° 28' 58.08666" W  
Ellipsoid Height: 1,182.969 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 345,319.188 Meters  
Easting: 243,275.108 Meters

## **NAD 83 (2011) Grid Coordinates Oregon Statewide Lambert**

Northing: 1,132,936.97 Int. Feet  
Easting: 798,146.68 Int. Feet  
θ: -1° 23' 01.289"  
Scale Factor: 0.99981524  
Elevation Factor: 0.99981459  
Combined Factor: 0.99962986

## **NAVD 88 Orthometric Elevation**

1,205.342 Meters 3,954.53 Int. Feet

Point is the Antenna Reference Point (ARP) of a Continuously Operating Reference Station (CORS) located on House Mountain and is a part of The Plate Boundary Observatory (PBO) network of permanent, continuously operating Global Positioning System (GPS) stations. PBO shares the data from P384 with the Oregon Real-Time GNSS Network (ORGN). Raw GNSS observation data is available from <http://pbo.unavco.org/station/overview/P384>. Note that for this project the ORGN value was held fixed and the data shown hereon WILL NOT agree with the PBO published position.

