

M. D. Vaden
Certified Arborist | ISA PN-5584A

11825 SW Blakeney Street, Beaverton, Oregon 97008

www.mdvaden.com

Tree Measurement Report

Subject Tree: Sitka Spruce | Picea sitchensis
AKA the Ferndale Christmas Tree

Location: GPS: 40.573225, -124.267688

Summary:

Measure to ascertain actual height of the Spruce used as a large community holiday tree, yearly, in the city of Ferndale, California. I first-measured this Spruce in December of 2010 with a laser. Due to the claim of a 162 ft. measurement in a January 2011 newspaper article, I returned April 2011, and measured the Spruce one more time, using a tripod-mounted laser.

Height Measurement:

December 2010	Preliminary hand-held laser	151.25 feet
April 9, 2011	Tripod mounted laser	151.50 feet

Conclusion:

The Ferndale Spruce is **151.50 ft.** tall. This is an average of the 2 distances from the top down to where the trunk meets the soil on the uphill and downhill sides (not the reach of buttress roots, but the actual trunk). The reading for the top (apex) was taken from over 400 feet away (horizontal distance) to be sure the tallest tip was visible.

M.D. Vaden

April 11, 2011