

Stand Data Dictionary

Strata/Unit: For the purposes of analyzing information, the project area was divided into three Units according to aspect, vegetation and land uses.

Plot Number: Stand information was collected from 149 separate plots

Plot Size:

B= 20 BAF; all trees 8.1" plus

F = fixed radius plot, 15.6 ft., for trees 4.1" to 8.0" DBH,, = .018 ac.

R = radius or Veg. plot of 7.8 ft., for .1 to 4.0" DBH= .004 ac.....if less than 4.5' tall, only# of trees entered In DBH column

Species: This category identifies not only tree species (PP = ponderosa pine, DF = Douglas fir, WC = western juniper, MM = mountain mahogany, BC = cottonwood, WI = willow, WF = white fir) but also ground cover type (grass, dirt, etc.)

DBH: represents diameter taken at a specific height on the tree (4.5 ft). If a tree was present less than 4.5 feet tall, it was noted only as a total tree count.

Live Crown Ratio: This identifies what portion of the overall height of the tree is taken up by live crown.

Crown Class: Refers to how the tree is growing in relation to other trees in the plot.

Open Grown= OG, Dominant= D, CoDominant= CD, Intermediate=I

Suppressed= S, Live, Dying, Dead, 1= live, green healthy, 2= dying or expected to die within 3 yrs, 3= dead or snag

5 year radial growth: How much the tree has grown over the last five years, measured in tenths of inches..sometimes hundreths if really slow!

Percent Veg Cover: what type and how much of the ground is covered by non-woody vegetation.

Two Inch DBH class: rather than calculate for each 1/10, trees were lumped together in 2 inch increments. For example, DBH 4 = 3.1 – 5.0. Overestimates and underestimates are averaged out in this method.

The following steps are used to calculate Total Basal Area and Total Trees/Acre:

- Maximum Plot Radius
- Potential Plot Size
- Trees per acre per size class
- Basal Area per tree (ft²)
- Basal Area per acre per size class