

****11/4/03 DRAFT****

**Fire Regime Condition Class (FRCC) Interagency Handbook
Reference Conditions**

Modeler: Doug Havlina

Date: 8/14/03

PNVG Code: PPIN1

Potential Natural Vegetation Group: Ponderosa Pine-Pacific Northwest/Great Basin.

Geographic Area: Pacific Northwest, Columbia Plateau, Great Basin, California.

Description: PNVG generally occurs on flat and gentle south-facing slopes on the east slope of the Cascades, dry California valleys, Blue Mountains, Wallowa Mountains, Central Idaho, and adjacent Great Basin. Lower montane forest type formed by heterogeneous mosaics of even-aged stands. This PVT primarily transitions to mixed conifer, juniper, sagebrush, and grassland communities in the northwestern U.S.

Fire Regime Description: Fire Regime I, primarily short-interval (e.g., <20 yr) surface fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	10	Bunchgrass and forb dominated community following lethal fire. Frequent sprouting shrubs and scattered conifer seedlings.
B: mid-development closed	5	Dense mid-development forest; pole to large pole size trees susceptible to stagnation. Marginal understory associated with limited site resources.
C: mid- open	20	Open mid-development forest with diverse herbaceous understory and scattered woody shrubs. Maintained by frequent burning.
D: late- open	55	Open late-development forest; widely spaced trees, diverse understory, and limited surface fuels due to frequent burning.
E: late- closed	10	Dense late-development forest with significant within-stand mortality. Poorly developed understory and substantial surface fuel accumulation.
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.007	10	Crown fire in stage B and E
Non-Replacement Fire	.06	90	Primarily surface fires in stage C and D
All Fire Frequency*	.067	100	

*Sum of replacement fire and non-replacement fire probabilities.

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VDDT RESULTS







