

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

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

Modeler: Kelly Pohl

Date: 8/12/03 **PNVG Code:** DFIR1

Potential Natural Vegetation Group: Douglas-fir Interior Pacific Northwest.

Geographic Area: Inland mountains of the Pacific Northwest, including eastside Cascade Mountains, Puget Sound, and central and eastern Washington.

Description: PNVG is often transitional between non-forested areas or between *Pinus ponderosa* (at lower elevations) and *Abies* spp. at higher elevations. Sites are dry montane with a variety of slopes, aspects, and soil conditions.

Fire Regime Description: Fire Regime I, primarily short-interval (e.g., 10-20 yr) surface fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	10	Shrub layer with some ponderosa pine and larch seedlings
B: mid-development closed	10	Sapling to pole-sized Douglas-firs at >50% cover with some ponderosa pine, larch, or true firs mixed in. Little understory.
C: mid- open	20	Mature to large Douglas-firs at <50% cover. Low shrub understory.
D: late- open	45	Very large Douglas-firs with some ponderosa pine or true firs. <50% cover with low shrub understory.
E: late- closed	15	Dense, large Douglas-firs with true firs or ponderosa pine at >50% cover.
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.003	5	Infrequent stand-replacement fires, usually in B or E.
Non-Replacement Fire	.062	95	Frequent non-replacement fires composed of 70% surface fires in C

and D; occasional mosaic fires in B, C, D, and E.

All Fire Frequency* .065 100

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

References

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