

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

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

Modeler: Kelly Pohl

Date: 8/18/03

PNVG Code: PPDF7

Potential Natural Vegetation Group: Ponderosa pine-Douglas-fir

Geographic Area: Southwest

Description: Generally found in upper montane zone on steep to gentle slopes, predominantly on mesic, north-facing slopes. *Abies concolor*, *Juniperus* spp. and *Quercus gambelli* are also found.

Fire Regime Description: **Primarily** Fire regime group I. Includes frequent surface and mixed-severity fires with occasional replacement fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	15	Openings with grass, shrub, and forbs created after replacement fire. May have seedlings of ponderosa pine or other species (<i>Larix occidentalis</i> , <i>Pseudotsuga menziesii</i> , <i>Abies</i> spp.)
B: mid-development closed	5	>30% canopy cover of sapling or pole Douglas-fir and ponderosa pine.
C: mid- open	15	<30% canopy cover of sapling or pole ponderosa pine, with some Douglas-fir.
D: late- open	60	<30% canopy cover of mature ponderosa pine with occasional Douglas-fir in patches. Other species (<i>Abies</i> spp., <i>Larix occidentalis</i>) may be present.
E: late- closed	5	>30% canopy cover of mature Douglas-fir with ponderosa pine and other species (<i>Abies</i> spp.) present.
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Percent, All Fires	Description
Replacement Fire	.005	5	Occasional stand-replacement fires, mostly in B and E.
Non-Replacement Fire	.095	95	Frequent (7-35 year) surface and mosaic fires in B, C, D, and E. Fires generally maintain open types and decrease density in closed types.
All Fire Frequency*	.100	100	

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

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VDDT Results

