

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

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

**Modeler:** Brad Smith

**Date:** 8/15/03

**PNVG Code:** SFDF

**Potential Natural Vegetation Group:** Silver Fir/Douglas-fir.

**Geographic Area:** Cascades of Oregon and Washington.

**Description:** PNVG occurs on gentle- to steep slopes in the montane and upper montane belts of the Washington and Oregon Cascade Mountains. It is found on virtually all regoliths. These belts are characterized by deep winter snow packs. Annual snowfall is typically greater than 10 feet deep.

**Fire Regime Description:** Fire Regime V, primarily long-interval (e.g., >500 yr) stand replacement fires.

**Vegetation Type and Structure**

Class	Percent of Landscape	Description
A: post replacement	5	Dense forbs such as Beargrass, and many ericaceous shrubs such as heather or huckleberry. Abundant tree seedlings.
B: mid-development closed	20	Dense silver fir and western hemlock poles and saplings with scattered Douglas-fir poles, >40% canopy cover
C: mid- open	5	Dense shrubs such as alder or rhododendron with scattered Douglas-fir and silver fir and western hemlock poles and saplings
D: late- open	5	Large Douglas-fir and scattered silver fir and western hemlock
E: late- closed	65	Dense multi-layered canopies of large Douglas-fir and abundant silver fir and western hemlock
Total	100	

**Fire Frequency and Severity**

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.0014	88	
Non-Replacement Fire	.0002	12	80% mosaic 20% surface

All Fire Frequency\* .0016 100

---

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

## References

**\*\*BRAD NEEDS TO COMPLETE ALL BELOW**

# VDDT Results \*Succ Class graph needed







