

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

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

Modeler: Brad Smith

Date: 8/11/03

PNVG Code: CHPI

Potential Natural Vegetation Group: Cedar-Hemlock Douglas-Fir (Interior, Lodgepole Pine variant).

Geographic Area: Northern Rocky Mountains of western Montana, northern Idaho, and northeastern Washington

Description: PNVG is largely lodgepole pine-dominated stands on flat- to steep slopes in the Rocky Mountains of western Montana, northern Idaho, and eastern Washington.

Fire Regime Description: Fire Regime IV, primarily moderately long -interval (e.g., 100-150 yr) stand replacement fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	15	Early seral condition of abundant ferns, grasses and forbs under shrub canopies
B: mid-development closed	50	Dense thickets of seedlings and poles and small trees of mixed conifers and hardwoods.
C: mid- open	<1	Dense shrublands with scattered seedlings and poles and small trees
D: late- open	5	Scattered large to very large trees (seral dominants) over a variety of undergrowth conditions
E: late- closed	30	Dense single or multi-layered canopy dominated by large to very large conifers
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
Replacement Fire	.006	75	
Non-Replacement Fire	.002	25	Mostly mosaic (90%)
All Fire Frequency*	.008	100	

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

References

(*BRAD NEEDS TO COMPLETE BELOW)

Brown, James K.; Smith, Jane Kapler, eds. 2000. Wildland fire in ecosystems: effects of fire on flora. Gen. Tech. Rep. RMRS-GTR-42-vol. 2. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 257 p.

Schmidt, Kirsten M, Menakis, James P., Hardy, Colin C., Hann, Wendel J., Bunnell, David L. 2002. Development of coarse-scale spatial data for wildland fire and fuel management. Gen. Tech. Rep. RMRS-GTR-87. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 41 p. + CD.

U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (2002, December). Fire Effects Information System, [Online]. Available: <http://www.fs.fed.us/database/feis/> ; [Accessed: PROVIDE DATE].

VDDT RESULTS INCLUDE SUCC GRAPH?





