11/4/03 DRAFT

Fire Regime Condition Class (FRCC) Interagency Handbook Reference Conditions

Modeler: Kelly Pohl	Date: 9/17/03	PNVG Code: DWOA
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Potential Natural Vegetation Group: Deciduous Woodland—Oak/Aspen

Geographic Area: Southern Rockies, Colorado Plateau

Description: Found in mid-elevational slopes in a variety of topographic conditions, usually in large patches within a mixed conifer matrix. Conifers (Pseudotsuga menzesii, Abies spp., Picea spp.) may be present in older stands in the absence of fire. Gambel oak is typically seral in aspen stands.

Fire Regime Description: Fire Regime Group III. Infrequent replacement fire (120 + year MFI) with occasional mixed fires. All fires promote suckering and can result in multi-storied mature stands. After replacement fire, clonal sprouts of aspen or Gambel oak respond vigorously.

Class	Percent of	Description
	Landscape	·
A: post replacement	15	Post-replacement grass and forbs, shoots of aspen and oak less than 10 years old.
B: mid-development closed	20	Aspen and oak less than 70 years old with >40% canopy cover. Conifers may be present.
C: mid- open	20	Aspen and oak less than 70 years old with <40% canopy cover. Grass/forb understory.
D: late- open	40	Aspen older than 70 years with <40% canopy cover. Grass/forb understory.
E: late- closed	5	Aspen older than 70 years with >40% canopy cover. Conifers may be present.
Total	100	

Vegetation Type and Structure

Fire Frequency and Severity

Fire Frequency-	Modeled	Percent,	Description
Severity	Probability	All Fires	
Replacement Fire	.009	35	Replacement fire, mostly in B and E. Fires more likely to crown when conifers present.
Non-Replacement Fire	.017	65	Mixed severity fire, mostly in C and D.
All Fire Frequency*	.026	100	

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

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VDDT Results



