

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

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

**Modeler:** Doug Havlina

**Date:** 8/15/03

**PNVG Code:** BSAG1

**Potential Natural Vegetation Group:** Sagebrush-Warm (Basin Big Sagebrush) Without Trees.

**Geographic Area:** Pacific Northwest, Columbia Plateau, Northern Rockies, Central Rockies, Great Basin.

**Description:** PNVG common to Basin and Range Province, generally occupying ecotones between Wyoming and mountain big sagebrush habitats. Basin big sagebrush communities are indicative of productive sites, and have historically been converted to farmland. Sites are more mesic than other big sagebrush subspecies, and are generally well drained soils on valley bottoms and lower foothills. Basin big sage sites experience a higher fire frequency than Wyoming big sage due in part to more continuous herbaceous fuels.

**Fire Regime Description:** Fire Regime II, primarily short-interval (e.g., <25 yr) stand replacement- and mixed severity fires.

**Vegetation Type and Structure**

Class	Percent of Landscape	Description
A: post replacement	25	Post-fire community of forbs and perennial grasses
B: mid-development closed	20	Mid-seral, dense (>15%) canopy cover sagebrush stands with understory of forbs and grasses
C: mid- open	25	Mid-seral, open (<15%) sagebrush community with perennial grasses and forbs in interspaces
D: late- open	15	Late-seral, open (<15%) sagebrush community with limited shrub/herbaceous community
E: late- closed	15	Late-seral, closed (>15%) sagebrush community, noticeable dead component, with limited shrub/herbaceous community
Total	100	

**Fire Frequency and Severity**

Fire Frequency-	Modeled	Pct, All	Description
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Severity	Probability	Fires	
Replacement Fire	.025	61	Crown fire in stage B and E
Non-Replacement Fire	.016	39	Primarily mosaic fire in C and D
All Fire Frequency*	.041	100	

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

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# VDDT Results







