

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

Fire Regime Condition Class (FRCC) Interagency Handbook Reference Conditions

Modeler: Ayn Shlisky

Date: 9/26/03

PNVG Code: WGRA

Potential Natural Vegetation Group: Wet Grassland

Geographic Area: California, Columbia Plateau, Cascade Mountains, Upper Basin and Range, Northern and Middle Rocky Mountains, Wyoming Basin, Southern Rocky Mountains, and Colorado Plateau.

Description: Large (> 0.5 km²) montane, coastal, and valley freshwater marsh and wet meadow communities dominated by *Scirpus* (bulrush), *Typha* (cattail) spp. and/or other wetland herbaceous species with saturated soil or standing water for most of the year, but which generally dry out annually. Smaller wetlands within forests and woodlands should be addressed using the riparian PNVG guidance (Code: RIPA).

Fire Regime Description: Regime II: Frequent (3-10 yr) stand replacement.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	15	Up to one year post stand replacement fire; perennial sprouts and seedlings.
B: mid-development closed	80	Dense (>60% cover) bulrush (<i>Scirpus</i> spp.), cattail (<i>Typha</i> spp.) or other herbaceous wetland community with high litter component.
C: mid- open	5	Open (<60% cover) bulrush (<i>Scirpus</i> spp.), cattail (<i>Typha</i> spp.) or other herbaceous wetland community created after relatively intense fires during dry seasons that cause damage to rhizomes and reduce sprouting capacity, or as a result of mosaic fires that open up dense communities.
D: late- open		N/A
E: late- closed		N/A
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Percent, All Fires	Description
Replacement Fire	0.15	75	Occurs in B and C; infrequently severe enough to inhibit sprouting of perennials
Non-Replacement Fire	0.05	25	Under moister conditions, mosaic fire reduces cover in B or maintains C
All Fire Frequency*	0.20	100	

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

References

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PERSONAL COMMUNICATION:

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VDDT Results





