

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

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

Modeler: Ayn Shlisky

Date: 8/13/03 **PNVG Code:** OKCA2

Potential Natural Vegetation Group: Garry oak woodlands.

Geographic Area: Northern California and Southern Oregon.

Description: PNVG occurs in diverse climates, ranging from the cool, humid conditions near the coast to the hot, dry environment of inland valleys and foothill woodlands. Gentle topography; slopes may be steep but are typically gentle (less than 30 percent). Soils are characteristically poor, droughty and moderately to excessively well drained. Climate is Mediterranean, with hot, dry summers and cool, wet winters. Elevations range from sea level to 7,500 feet. May include Brewer oak.

Fire Regime Description: Fire Regime I, primarily short -interval (e.g., <10 yr) surface fires.

Vegetation Type and Structure

| Class | Percent of Landscape | Description |
|---------------------------|----------------------|--|
| A: post replacement | 5 | Grass (e.g., bluebunch wheatgrass, wild rye), shrubs (e.g., manzanita, ceanothus) and oak sprouts following stand replacement fire or oak mortality. |
| B: mid-development closed | 10 | > 30% canopy cover oak sapling and pole. |
| C: mid- open | 20 | < 30% canopy cover sapling and pole oak savanna. |
| D: late- open | 55 | < 30% large oak savanna. |
| E: late- closed | 10 | >30% canopy cover; mixture of large oak, Douglas-fir, grand fir, incense cedar and/or redwood. |
| Total | 100 | |

Fire Frequency and Severity

| Fire Frequency-Severity | Modeled Probability | Pct, All Fires | Description |
|-------------------------|---------------------|----------------|-------------------------------|
| Replacement Fire | .005 | 5 | Primarily in classes B and E. |

| | | | |
|-------------------------|------|-----|---|
| Non-Replacement Fire | .10 | 95 | Surface fires every 1 to 15 years maintain savanna-like structure. |
| All Fire Frequency* | .105 | 100 | |

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

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