

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

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

Modeler: Doug Havlina

Date: 8/12/03

PNVG Code: CHAP4

Potential Natural Vegetation Group: Montane chaparral.

Geographic Area: California, Great Basin.

Description: PNVG commonly found from northern CA coast range to Sierra Nevada and into the Great Basin. Sites are mixed evergreen shrub associations ecotonal to mixed conifer, juniper, pine/oak woodlands, and mixed evergreen/hardwood communities. Co-dominant shrubs may include ceanothus, chinquapin, manzanita, snowberry, currant, honeysuckle, and scrub oak species. Climate ranges from xeric to Mediterranean, and sites are foothill and transitional landforms most often on south and west facing slopes.

Fire Regime Description: Fire Regime II, primarily short interval (e.g., <35 yr) stand replacement fires.

Vegetation Type and Structure

| Class | Percent of Landscape | Description |
|---------------------------|----------------------|--|
| A: post replacement | 25 | Post-fire community of sprouting shrubs with sparse grass and forb layer |
| B: mid-development closed | 35 | Mid-seral, dense (>15%) canopy cover mixed shrub stands with depauperate understory |
| C: mid- open | 9 | Mid-seral, open (<15%) mixed shrub community with perennial grasses and forbs in interspaces |
| D: late- open | 1 | Late-seral, open (<15%) mixed shrub community with mixed shrub/herbaceous community |
| E: late- closed | 30 | Late-seral, closed (>15%) mixed shrub community with significant deadwood component |
| Total | 100 | |

Fire Frequency and Severity

| Fire Frequency-Severity | Modeled Probability | Pct, All Fires | Description |
|-------------------------|---------------------|----------------|-------------|
|-------------------------|---------------------|----------------|-------------|

| | | | |
|----------------------|-------|-----|--|
| Replacement Fire | .0275 | 85 | Stand replacement crown fire typical of stages B and E |
| Non-Replacement Fire | .005 | 15 | Infrequent mosaic burning in stages B and C |
| All Fire Frequency* | .0325 | 100 | |

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

References

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VDDT RESULTS







