Fire Regime Condition Class (FRCC) Interagency Handbook
Reference Conditions

Modeler: Ayn Shlisky
Date: 8/11/03  PNVG Code: AGRA1

Potential Natural Vegetation Group: California Annual Grassland (Without Shrubs or Trees).

Geographic Area: California

Description: Valley grasslands and coastal prairies from sea level to 3000’ elevation. Exotic annual grasses and forbs are considered naturalized and a part of reference conditions.

Fire Regime Description: Fire Regime Group II, primarily frequent (e.g., <5 yr) stand replacement fires.

Vegetation Type and Structure

<table>
<thead>
<tr>
<th>Class</th>
<th>Percent of Landscape</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: post replacement</td>
<td>40</td>
<td>Post-stand replacement dominated by annual grasses and forbs with sparse to rare native perennial grasses</td>
</tr>
<tr>
<td>B: mid-development closed</td>
<td>60</td>
<td>Dominated by exotic/naturalized annual grass and forb cover with sparse to rare native perennial grasses and heavy thatch</td>
</tr>
<tr>
<td>C: mid- open</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D: late- open</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E: late- closed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

Fire Frequency and Severity

<table>
<thead>
<tr>
<th>Fire Frequency-Severity</th>
<th>Modeled Probability</th>
<th>Pct, All Fires</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement Fire</td>
<td>.22</td>
<td>100</td>
<td>Stand replacement burns every 1-5 years</td>
</tr>
<tr>
<td>Non-Replacement Fire</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Fire Frequency*</td>
<td>.22</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

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

** Note: VDDT pathway “Optional1” refers to effects of native herbivores.
References


VDDT Results:
Class A: Early-Develop, PetRpl

Class B: Mid-Develop, CId