Potential Natural Vegetation Group: California Annual Grassland with Shrubs or Trees.

Geographic Area: California

Description: Valley grasslands and coastal prairies from sea level to 3000’ elevation with the potential for shrub and/or tree cover, particularly in the absence of fire. 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>35</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>50</td>
<td>Dominated by exotic/naturalized annual grass and forb cover with sparse to rare native perennial grasses</td>
</tr>
<tr>
<td>C: mid- open</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>D: late- open</td>
<td>10</td>
<td>1-5% cover shrubs or 1-15% cover trees; understory dominated by annual grasses and forbs with sparse to rare native perennial grasses</td>
</tr>
<tr>
<td>E: late- closed</td>
<td>5</td>
<td>&gt; 5% cover shrubs or &gt;15% cover trees; understory dominated by annual grasses and forbs with sparse to rare native perennial grasses</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>.20</td>
<td>95</td>
<td>Occurs in all classes</td>
</tr>
</tbody>
</table>
Non-Replacement Fire.01 5 Mosaic fire in encroached class occurs in E
All Fire Frequency*.21 100

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

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

References


VDVT Results: