

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

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

Modeler: Doug Havlina

Date: 8/14/03

PNVG Code: PPIN2

Potential Natural Vegetation Group: Ponderosa Pine (Northern and Central Rockies).

Geographic Area: Northern and Central Rockies.

Description: PNVG generally occurs in dry valleys and gentle south-facing slopes in the lower montane zone in a heterogeneous mosaic of even-aged stands. Historically, this PVT was situated adjacent to grasslands, mountain shrublands, Douglas-fir, and lodgepole pine vegetation types.

Fire Regime Description: Fire Regime I, primarily short-interval (e.g., <20 yr) surface fires.

Vegetation Type and Structure

Class	Percent of Landscape	Description
A: post replacement	10	Bunchgrass and forb dominated community following lethal fire. Frequent sprouting shrubs and scattered conifer seedlings.
B: mid-development closed	10	Dense mid-development forest; pole to large pole size trees susceptible to stagnation. Marginal understory associated with limited site resources.
C: mid- open	20	Open mid-development forest with diverse herbaceous understory and scattered woody shrubs. Maintained by frequent burning.
D: late- open	55	Open late-development forest; widely spaced trees, diverse understory, and limited surface fuels due to frequent burning.
E: late- closed	5	Dense late-development forest with significant within-stand mortality. Poorly developed understory and substantial surface fuel accumulation.
Total	100	

Fire Frequency and Severity

Fire Frequency-Severity	Modeled Probability	Pct, All Fires	Description
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Replacement Fire	.004	7	Crown fire in B and E
Non-Replacement Fire	.057	93	Mostly surface fires; limited mosaic fire in B, C, and E
All Fire Frequency*	.061	100	

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

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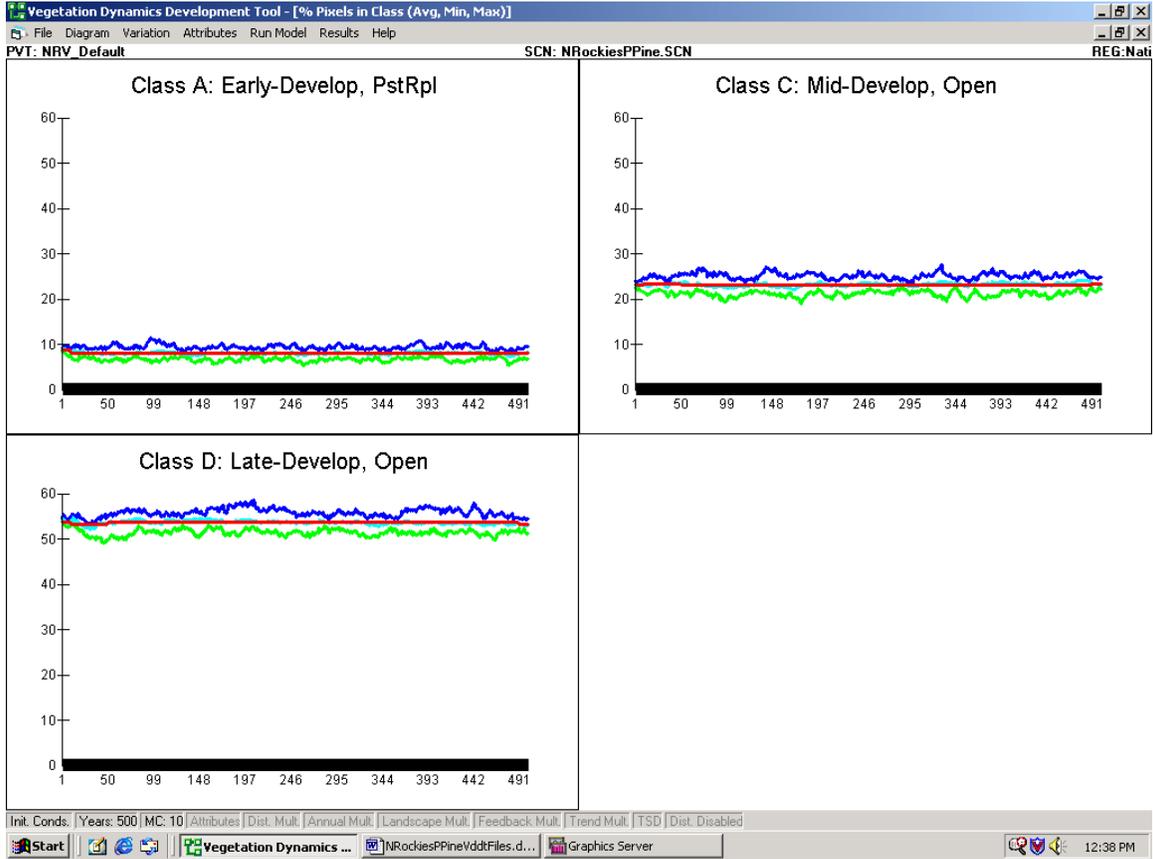
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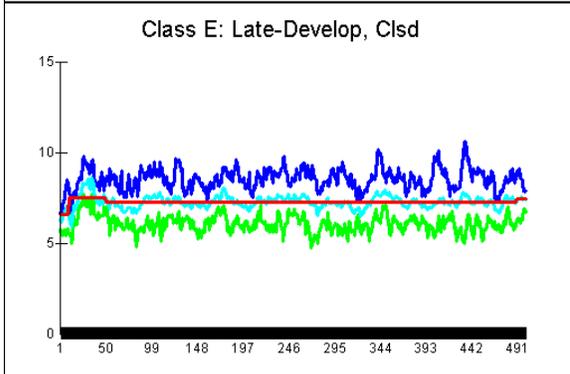
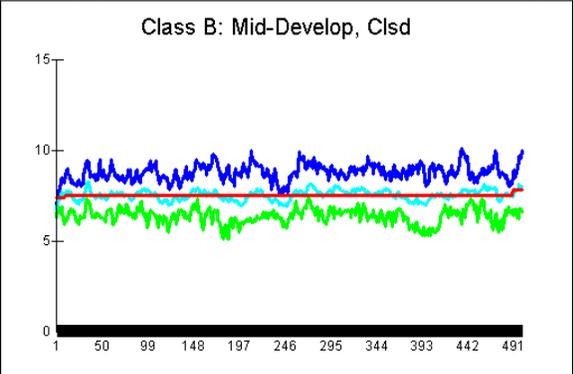
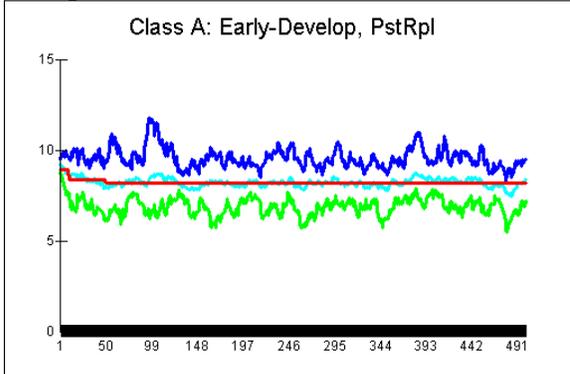
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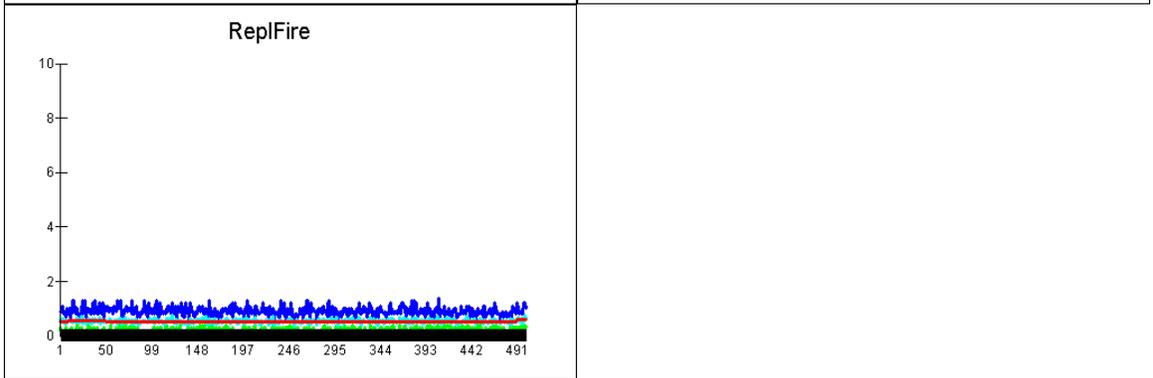
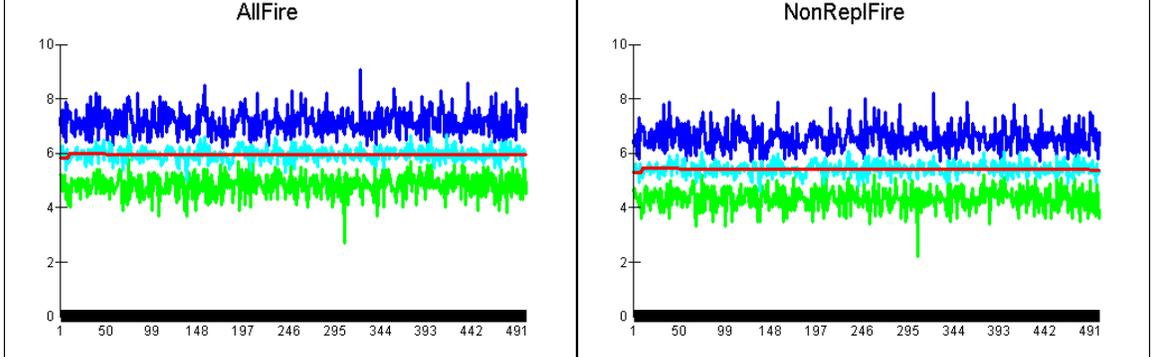
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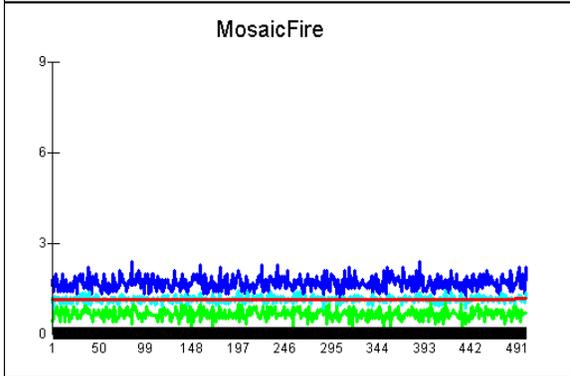
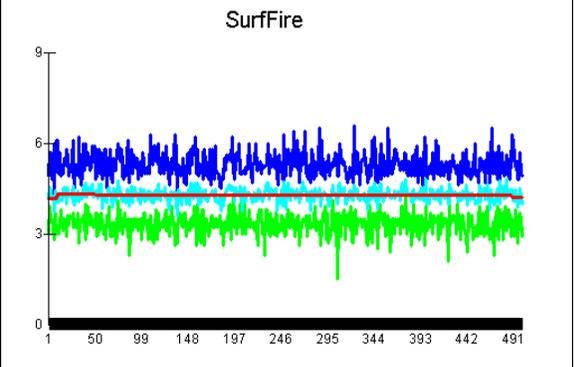
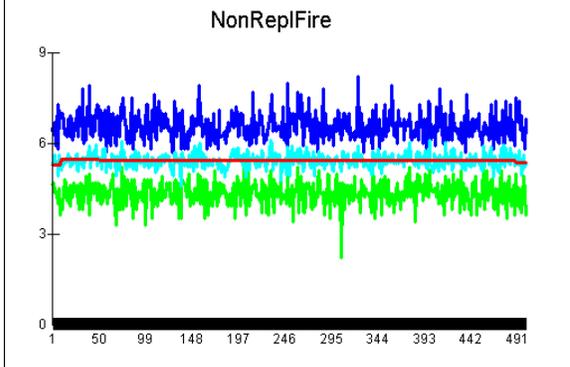
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VDDT RESULTS









Photographs:
Landscape CC1

Landscape CC2

Landscape CC3

Landscape-Current

Landscape-Historical

Class A – Early Development

Class B – Mid-Development Closed

Class C – Mid-Development Open

Class D – Late Development Open

Class E – Late Development Closed