4/6/05 DRAFT

Fire Regime Condition Class (FRCC) Interagency Handbook Reference Conditions

Modeler: Doug Havlina Date: 4/6/05 PNVG Code: SAGE2

Potential Natural Vegetation Group: Sagebrush-Other (e.g., Silver Sagebrush

spp.), with Trees.

Geographic Area: Great Plains.

Description: PNVG occurs in scattered patches in the Great Plains and short grass prairie, generally abutting ponderosa pine and juniper types. This group is primarily composed of the three subspecies of silver sagebrush, with lesser amounts of fringed sagebrush, Wyoming big sagebrush, budsage, and birdfoot sagebrush. Historic occurrence of trees generally restricted to rocky microsites resulting in very open structure. Ponderosa pine and juniper are the primary encroaching woody species. Common understory associates include buffalograss, wheatgrass, needlegrass, grama, and fescue species. Silver and fringed sagebrush are facultative sprouters.

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Fire Regime Description: Fire Regimes I and II; short- to moderately long interval (e.g., <50 yr) mixed severity- and stand replacement fires.

Vegetation Type and Structure

Class	Percent of	Description
	Landscape	
A: post	15	Plains/prairie grass and forb dominated
replacement		community, with sprouting sagebrush shrubs emerging
B: mid-	5	Dense sagebrush and pole-sized juniper/pine
development		stand, with plains/prairie grasses in
closed		interspaces
C: mid- open	35	Landscape mosaic of young juniper/pine trees, sagebrush plants, and mixed plains/ prairie grasses
D: late- open	40	
E: late- closed	5	Dense, late-development juniper or pine stand with infrequent sagebrush and plains/prairie grasses

Total 100

Fire Frequency and Severity				
Fire Frequency-	Modeled	Pct, All	Description	
Severity	Probability	Fires	·	
Replacement Fire	.018	45	Stand replacement fire in stages B and E	
Non-Replacement Fire	.022	55	Surface and mosaic fire in stages C and D	
All Fire Frequency*	.04	100		

^{*}Sum of replacement fire and non-replacement fire probabilities.

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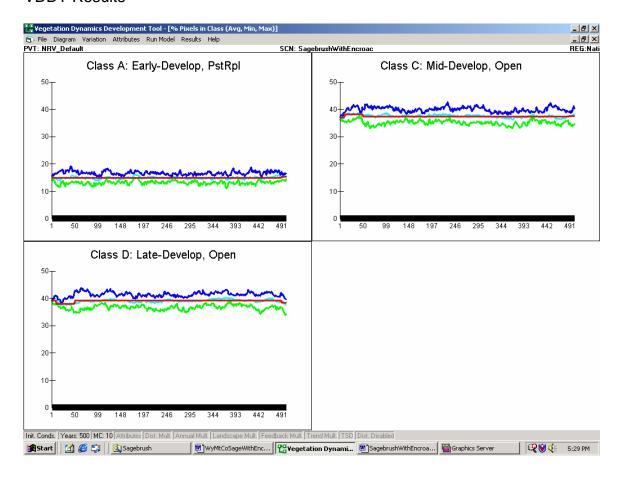
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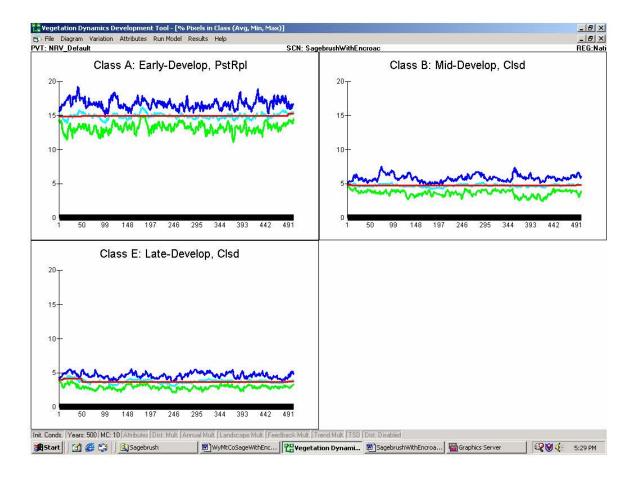
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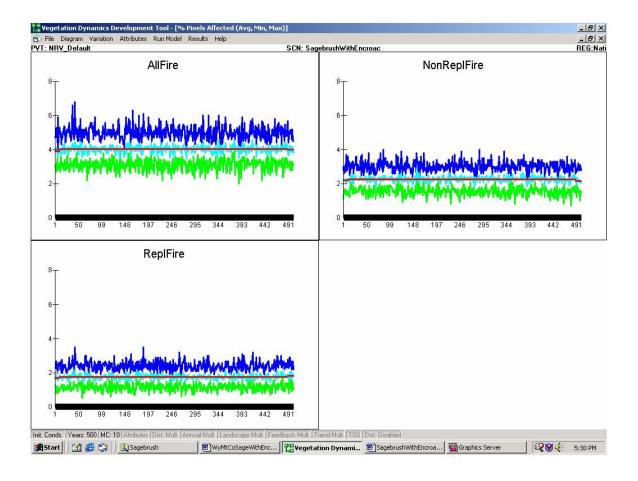
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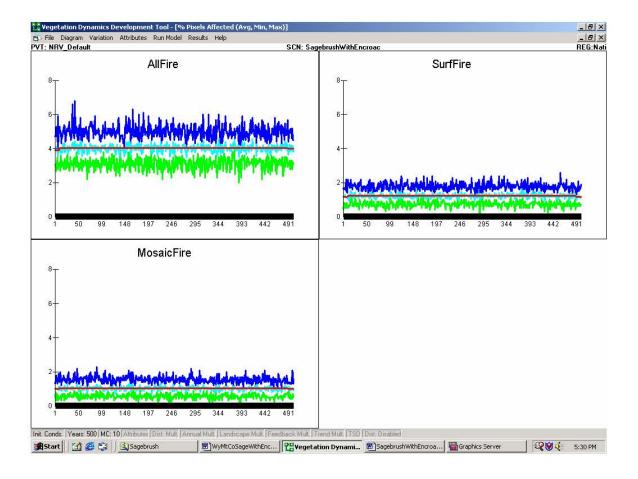
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VDDT Results









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 E – Late Development Closed

Class D – Late Development Open