

# Fire Regime Condition Class Landscape Scorecard Worksheet



## Landscape Project:

Reg Code(1): \_\_\_\_\_ Proj Code(2): \_\_\_\_\_ Proj Num(3): \_\_\_\_\_ Charact Dt(4): \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 ExaminerName(5): \_\_\_\_\_ ProjectName(6): \_\_\_\_\_ Area(7): \_\_\_\_\_ acres/hectares(8)  
 Latitude(9): \_\_\_\_\_ Longitude(10): \_\_\_\_\_ Datum(11): WGS84/NAD83/NAD27  
 Photo(12): \_\_\_\_\_ Photo Date(13): \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
 Comments(14): \_\_\_\_\_

Strata		Strata Num (Field 15)	1	2	3	4	5	Project
Field 16	Strata Code							
Field 17	Strata Name							
Field 18	Strata Characterization Date							
Field 19	Strata Bp Land Unit (PNVG)							
Field 20	Strata Composition (%)							
<b>Strata Natural Fire Regime (From Table 1)</b>								
Field 21	<b>Fire Interval Group</b> (from table 1)							
Field 22	Multiply above by Comp %/100 [field 21 * field 20/100]							
Field 23	Landscape Fire Interval Group (sum field 22 column 1 - 5)							
Field 24	<b>Frequent Fire Evidence</b> (from table 1 - sum)							
Field 25	Multiply above by Comp %/100 [field 24 * field 20/100]							
Field 26	Landscape Frequent Fire Evidence (sum field 25 column 1 - 5)							
Field 27	<b>Fire Severity Evidence</b> (from table 1 - sum)							
Field 28	Multiply above by Comp %/100 [field 27 * field 20/100]							
Field 29	Landscape Fire Severity Evidence (sum field 28 column 1 - 5)							
Field 30	<b>Fire Severity Class</b> (from table 1)							
Field 31	Multiply above by Comp %/100 [field 30 * field 20/100]							
Field 32	Landscape Fire Severity Class (sum field 31 column 1 - 5)							
Field 33	<b>Landscape Natural Fire Regime</b> (from Graph 1)							
<b>Strata Fire Regime Condition Class (From Table 2)</b>								
Field 34	<b>Char. Veg-Fuel Departure</b> (from table 2 - sum)							
Field 35	Multiply above by Comp %/100 [field 34 * field 20/100]							
Field 36	Landscape Char. Veg-Fuel Departure (sumfield 35 column 1 - 5)							
Field 37	<b>Uncharacteristic Veg-Fuel</b> (from table 2 - sum)							
Field 38	Multiply above by Comp %/100 [field 37 * field 20/100]							
Field 39	Landscape Uncharacteristic Veg-Fuel (sumfield 38 column 1 - 5)							
Field 40	<b>Fire Severity Departure</b> (from table 2 - sum)							
Field 41	Multiply above by Comp %/100 [field 40 * field 20/100]							
Field 42	Landscape Fire Severity Departure (sum field 41 column 1 - 5)							
Field 43	<b>Fire Frequency Departure</b> (from table 2 - sum)							
Field 44	Multiply above by Comp %/100 [field 43 * field 20/100]							
Field 45	Landscape Fire Frequency Departure (sumfield 44 column 1 - 5)							
Field 46	<b>Landscape FRCC</b> (from graph 2)							
Field 47	<b>Landscape FRCC Departure</b> (from graph 2)							

# Fire Regime Condition Class



## Landscape Scorecard Graph Input Table Summaries

All definitions and terms are the same as described for the Standard Landscape Method.

Use these tables for input into the Landscape Scorecard Worksheet (fields 21 -43).

The small tables below Tables 1 and 2 can be used to fill in the sums for each strata. Once each strata is complete, these numbers can be transferred to the worksheet.

**Natural Fire Regime - Table 1 (table 4-1 in guidebook)**

		Rating
<b>Fire Interval Group</b> Field 21	0 – 35 years = Frequent	0
	35+ – 200 years = Infrequent	1
	200+ years = Rare	2
0=n/a or NoEvidence, 1=Some, 2=Substantial		
<b>Frequent Fire Evidence</b> Field 24	Forest - fire scars	0, 1, 2
	Forest - No deep litter/duff, lack of large logs	0, 1, 2
	Forest - relatively large/old upper layer trees	0, 1, 2
	Forest - fire tolerant	0, 1, 2
	Shrub/grassland – adjacent to forest w/ frequent fire evidence	0, 1, 2
	Shrub/grassland – Fire tolerant shrubs	0, 1, 2
	Shrub/grassland - Fire tolerant graminoids	0, 1, 2
	Native American burning	0, 1, 2
	Burning days/yr 0=<30, 1=30-60, 2=>60	0, 1, 2
	Other – describe -	0, 1, 2
Sum		
0=n/a or NoEvidence, 1=Some, 2=Substantial		
<b>Fire Severity Evidence</b> Field 27	Continuous fuels	0, 1, 2
	Steep and concave slopes	0, 1, 2
	Forest – uniform size, lack of large trees	0, 1, 2
	Forest – small snags & down logs	0, 1, 2
	Shrub/grassland – uniform upper layer size	0, 1, 2
	Shrub/grassland – continuous herb. fuels	0, 1, 2
	Other – describe -	0, 1, 2
	Sum	
<b>Fire Severity Class</b> Field 30	<25% replacement of upper layer - Surface	0
	25% - 75% replacement of upper layer - Mixed	1
	>75% - fire burns most of the upper layer - Replacement	2

Rating Totals From Table 1 For Worksheet Strata

Field name	Strata 1	Strata 2	Strata 3	Strata 4	Strata 5
Fire Interval Group					
Freq Fire Evidence (sum)					
Fire Severity Evidence (sum)					
Fire Severity Class					

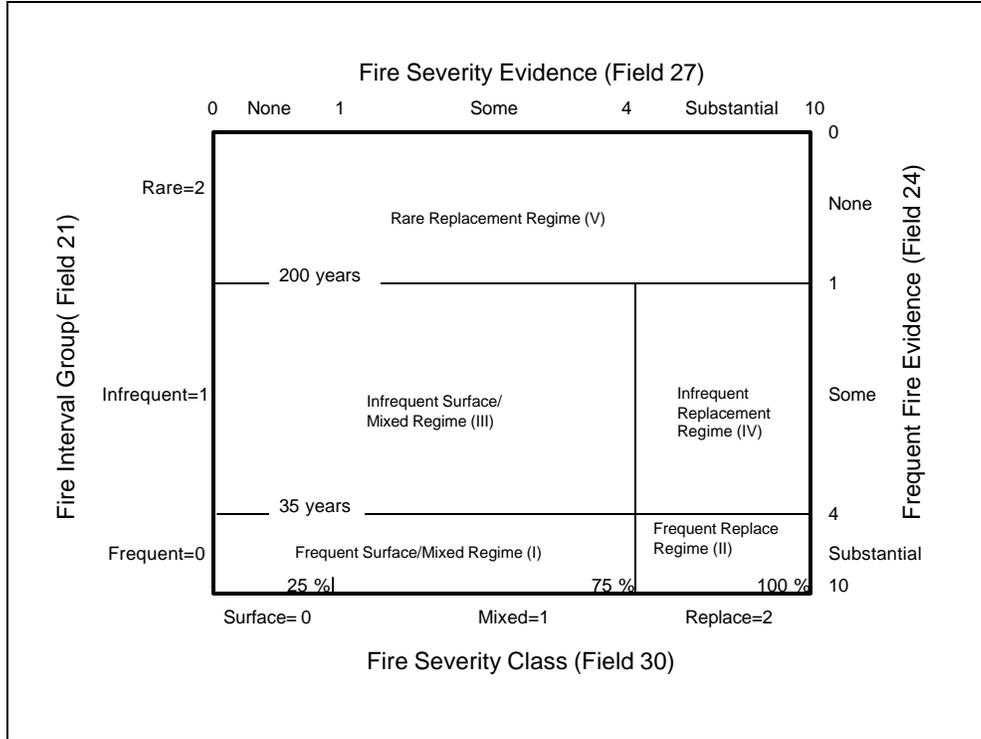
**Fire Regime Condition Class - Table 2 (table 4-2 in guide book)**

		Rating
0=Similar(within 25%) 1=high or low		
<b>Charact. Veg-Fuel Class Departure</b> Field 34	Early Seral (A)	0, 1
	Mid Seral Closed (B)	0, 1
	Mid Seral Open (C)	0, 1
	Late Seral Open (D)	0, 1
	Late Seral Closed (E)	0, 1
Sum		
0=none, 1=some (0-25%), 2=moderate (>25%)		
<b>Uncharact. Veg-Fuel Class Comp.</b> Field 37	Invasive exotic plants	0, 1, 2
	Timber management not resulting in natural comp/structure/fuels	0, 1, 2
	Grazing management not resulting in natural comp/structure/fuels	0, 1, 2
	Choose all that apply	
	Fuel accumulation, successional development, lack fire effects	0, 1, 2
	Fire effects more severe than natural/historical regime	0, 1, 2
	Soil disturbance more severe than natural/historical regime	0, 1, 2
	Insect-disease more severe or invasive	0, 1, 2
	Cultural improvements, restoration, or road densities not resulting in natural comp/structure/fuels	0, 1, 2
	Pattern of mosaic and patch size and shape	0, 1, 2
Other – Describe -	0, 1, 2	
Sum		
<b>Fire Severity Departure</b> Field 40	Fire less or more severe than natural:	0, 1, 2, 3
	0 – similar to the natural/historical regime;	
	1 – somewhat more or less severe than natural/historical regime;	
	2 – moderately more or less severe than natural/historical regime)	
<b>Fire Frequency Departure</b> Field 43	3 – substantially more or less severe than natural/historical regime)	0, 1, 2, 3
	Fire less or more frequent than natural	
	0 – has not missed an interval and is not more frequent;	
1 - missed one interval or twice as frequent;		
2 – missed two to three intervals or more than twice as frequent);		
3 – missed more than three intervals		

Rating Totals From Table 2 For Worksheet Strata

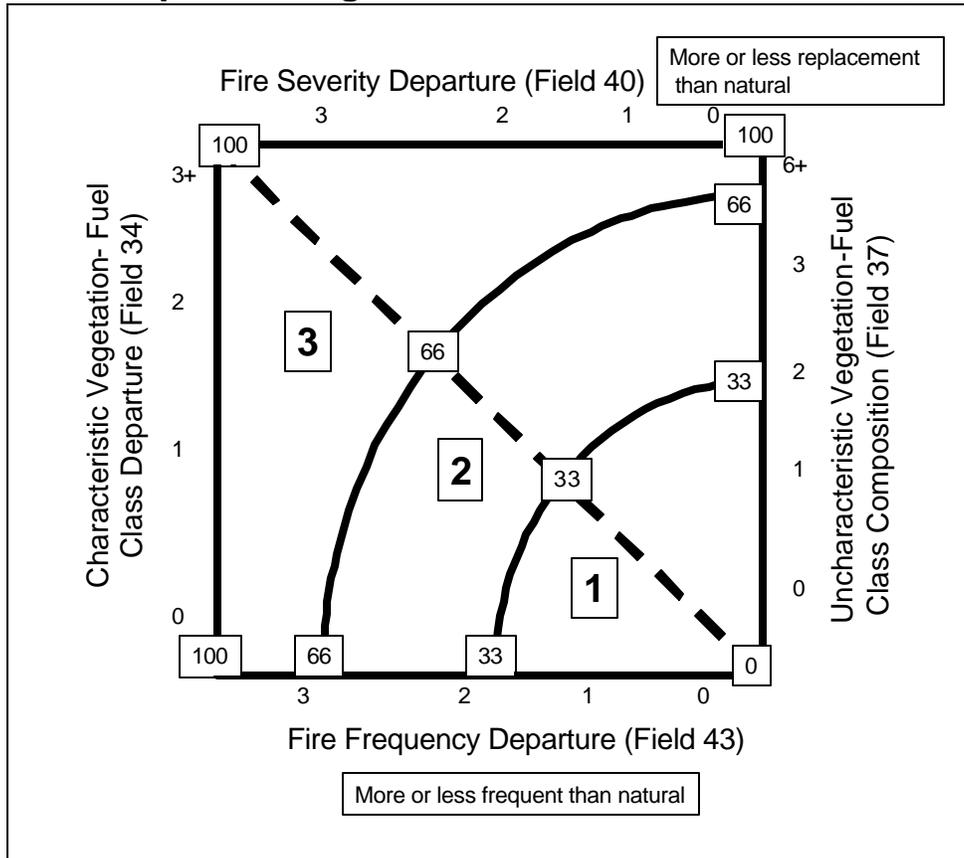
Field name	Strata 1	Strata 2	Strata 3	Strata 4	Strata 5
Charact. Veg-Fuel Class Departure (sum)					
Uncharact. Veg-Fuel Class Comp (sum)					
Fire Severity Departure					
Fire Freq Departure					

## Landscape Natural Fire Regime - Graph 1 (Graph 4-1 in guidebook)



Nomogram style chart for classifying the fire regime group. Use the chart by connecting the left and right variables with a single line using the class and “sum” from table 1 (for project Fire Regime) or the individual strata values (for strata Fire Regimes - determining strata Fire Regimes is optional). Then connect the bottom and top variables with a similar line. Where the two lines cross indicates the fire regime group. Enter value in field 33.

## Landscape Fire Regime Condition Class - Graph 2 (Graph 4-2 in guidebook)



Nomogram style chart for classifying the landscape fire regime condition class (FRCC) and determining FRCC departure. Use the chart by connecting the left and right variables with a single line using the “sum”s from table 2 (for project FRCC) or the individual strata values (for strata FRCC - determining strata FRCC is optional). Enter value in field 46. Then connect the bottom and top variables with a similar line. Where the two lines cross indicates the landscape FRCC. Determine if the intersection of the nomogram lines is closer to the Y axis (right side), center axis (diagonal from lower right to upper left), or X axis (bottom side). Each axis is marked on the graph with the class breaks (0, 33, 66, and 100). Based on the point where your nomograms lines intersect estimate the value between the class breaks rounded off to the nearest 5 or 10 percent. Enter the value in field 47.

Please email your comments and suggestions to [helpdesk@frcc.gov](mailto:helpdesk@frcc.gov)