

Fire Regime and Condition Class Summary Worksheet

FRCC Project Data							
Registration Code 1	Project Code 2	Project Number 3	Charact Date 4 / /				
Examiner Name 5	Project Name 6	Project Area 7	acres / hectares (circle one) (8)				
Georeferenced Project Position:							
Latitude 10	Longitude 11	Datum 15	def				
Photos:		Photo Dates:		Comments:			
Current Photo 16	17 / /						
Historical Photo 18	19 / /	20					

Before completing the section below, complete one strata worksheet for each strata in the project landscape

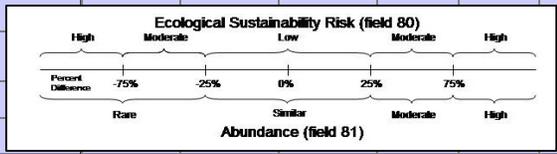
		Strata					Landscape Total
		1	2	3	4	5	
Field 41	% Area . Enter the % of the landscape that each strata comprises. (field 41 on the strata wksht).	41					100%
Field 51	Natural Fire Frequency . For each strata, enter field 51 from the strata's individual worksheet	51					
Field 92	Multiply %Area/100 with Natural Fire Frequency [(field 41/100) * field 51]	92					
Field 93	Weighted Mean Fire Frequency (years). Enter the sum of field 92 for columns 1 through 5	93					years
Field 94	Weighted Mean Fire Frequency Class . Enter "Frequent" if field 93 is 0-35 years, "Infrequent" if 36-200 years, "Rare" if more than 200 years.	94					
Field 53	Natural Fire Severity . Enter the % canopy replacement from field 53 on the strata worksheet.	53					
Field 95	Multiply %Area/100 with Natural Fire Severity [(field 41/100) * field 53]	95					
Field 96	Landscape Natural Fire Severity . Enter the sum of field 95 for columns 1 through 5	96					%
Field 97	Landscape Natural Fire Severity Class . Enter "Surface" if field 96 is 0-25%, "Mixed" if 26-75%, "Replacement" if greater than 75%.	97					
Field 98	Landscape Natural Fire Regime Group . Enter class based on the combination of field 94 and field 97: I - frequent, surface & mixed, II - frequent, replacement, III - infrequent, mixed & surface, IV - infrequent, replacement, V - rare, replacement	98					
Field 82	Veg- Fuel Departure . Enter field 82 from the strata worksheet.	82					
Field 99	Multiply %Area/100 with Veg- Fuel Departure [(field 41/100) * field 82]	99					
Field 100	Veg- Fuel Weighted Departure . Enter the sum of field 99 for columns 1 through 5	100					%
Field 86	Fire Frequency-Severity Departure . Enter field 86 from the strata worksheet.	86					
Field 101	Multiply %Area/100 with Freq-Sev Departure [(field 41/100) * field 86]	101					
Field 102	Fire Frequency-Severity Weighted Departure . Enter the sum of field 101 for columns 1- 5	102					%
Field 103	Enter the higher of Veg- Fuel Weighted Departure and Fire Frequency- Severity Weighted Departure (higher of field 100 and 102.)	103					%
Field 104	Project Fire Regime Condition Class . Enter "1-Low" if field 103 is 0-33%, "2-Moderate" if 34-66%, "3-High" if 67- 100%.	104					

Fire Regime and Condition Class Strata Worksheet

Strata Data																
21	Strata Num	Strata Code	22	Strata Name	23	Date	24	Bp Land Unit	25	BpLU Lifeform	26	def				
Indicator Species Average Slope	27	28	29	30	Local BpLU	31	Landform	32								
Insolation Class	34	36	Low Elevation	38	High Elevation	39	(feet/ meters)	Strata Composition	41	% of Area						
Georeferenced Strata Position:																
Latitude	43	Longitude	44	Datum	48											
Photo	49	Photo Date	50	Ref Fire Freq	51	def	Curr Fire Freq	52	Natural Fire Sev	53	def	Curr Fire Severity	54			
Ref Comp Source	55	def	Curr Comp Src	56	def	Nat Amer Burn	57	def	B/C Class Break	58	def	D/E Class Break	59	def	Comment	60

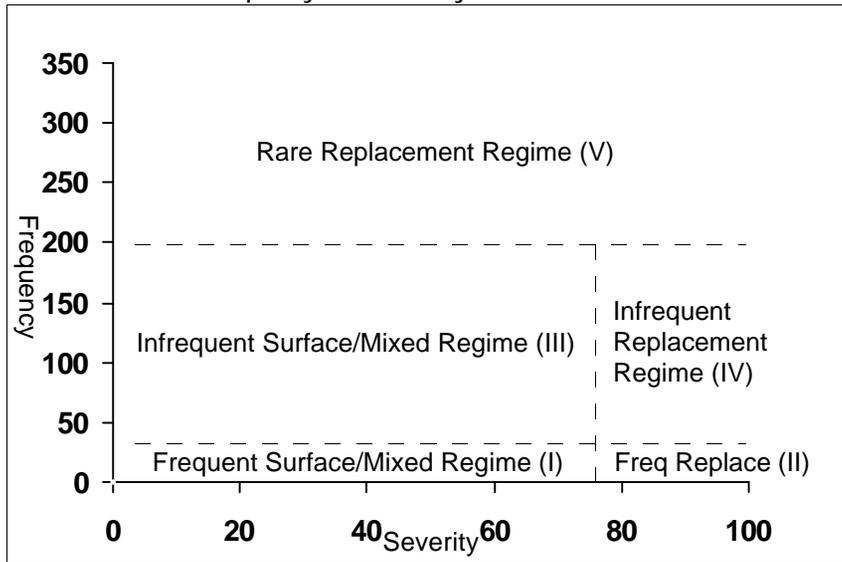
Vegetation Fuel Class Data												
Vegetation Fuel Class	Uppr Layr Lifeform	Uppr Layr Size Class	Uppr Layr Canopy Closure	Dominant Species 1 (def)	Dominant Species 2 (def)	Dominant Species 3 (def)	Dominant Species 4 (def)	Fuel Model	Ref Comp (def)	Curr Comp	Class Represent. Photo	Class Represent. Photo Date
(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(72)	(73)	(74)	(75)
AESP									%	%		/ /
BMSC									%	%		/ /
CMSO									%	%		/ /
DLSO									%	%		/ /
ELSC									%	%		/ /
										%		/ /
										%		/ /
										%		/ /

Field	Description	Field	Veg-Fuel Types							Strata Total
Field 62	Veg-Fuel Class (rows above becomes columns here)	62	AESP	BMSC	CMSO	DLSO	ELSC			
Field 72	Reference (Natural) Percent Composition. Enter the values from field 72 above.	72								100%
Field 73	Current Percent Composition. Enter the values from field 73 above.	73								100%
Field 77	Similarity. Enter the smaller of field 72 (natural) and field 73 (current).	77								
Field 78	Strata Similarity. Enter the sum of field 77 for all columns.	78								%
Field 79	% Difference. $((\text{field } 73 - \text{field } 72) / (\text{field } 73 + \text{field } 72)) * 100$	79						100	100	100
Field 80	Ecological Sustainability Risk. "Low" if field 79 \leq $\pm 25\%$, "Moderate" if $\pm 25\%$ to $\pm 75\%$, "High" if $\geq \pm 75\%$. (see figure on right)	80						High	High	High
Field 81	Abundance. "Rare" if field 79 is $\leq -25\%$, "Similar" if -24 to 24% , "Moderate" if 25 to 74% , "High" if $\geq 75\%$. (see figure on right)	81						High	High	High
Field 82	Current Veg-Fuel Departure. Subtract the value in field 78 from 100%.	82								%
Field 83	Veg-Fuel Condition Class. "1" if field 82 is $\leq 33\%$, "2" if $34-66\%$, "3" if $67-100\%$.	83								
Field 84	Current Fire Frequency Departure. Calculate: $(1 - (\text{smaller of field } 51 \& 52 / \text{larger of field } 51 \& 52)) * 100$	84								%
Field 85	Current Fire Severity Departure. Calculate: $(1 - (\text{smaller of field } 53 \& 54 / \text{larger of field } 53 \& 54)) * 100$	85								%
Field 86	Current Frequency-Severity Departure. Calculate: $(\text{field } 84 + \text{field } 85) / 2$	86								%
Field 87	Frequency-Severity Cond Class. "1" if field 86 is $\leq 33\%$, "2" if $34-66\%$, "3" if $67-100\%$.	87								
Field 88	Strata Fire Regime Cond Class. Enter the greater of field 83 and field 87	88								



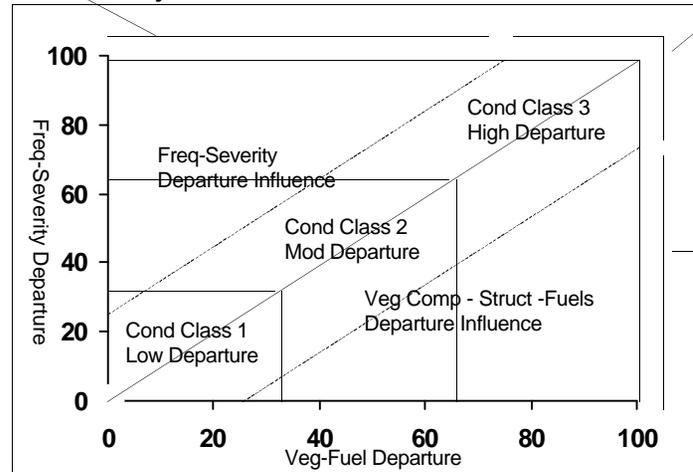
Fire Regime and Condition Class Worksheet Graphs

Frequency and Severity Classification



Restoration of fire effects

Project Condition Class Restoration Context



Restoration of fire effects, vegetation composition, structure, and fuels

Restoration of vegetation, structure and fuels