

**FIRESEV Burn Severity Form**

Reg ID		Examiners		Field Date	
Project ID	FIRESEV	Fire Name		Fire Date	
Plot ID		Plot Radius	37.2 ft	% Plot Area Burned	

**CBI - Modified**

<b>A. SUBSTRATES</b>	<b>FCOV=</b>				
Duff		% consumed			
Litter		% consumed			
Fine fuel, <3" diameter		% consumed			
Woody fuel ≥3" diameter		% consumed			
Soil & rock cover/color		Δ % cover			
Soil color, fractional cover (must sum to 100%)					
%green/brown					
% gray/black					
% red					

<b>B. HERBS, LOW SHRUBS AND TREES &lt; 3 FT (1 M)</b>					
<b>FCOV=      /</b>					
% Foliage altered (blk-brn)		% altered			
Frequency % living		% living			
Spp comp - Rel abundance		*			
Diam of smallest branch left		#			
Species for smallest branch					

<b>B1. HERBS</b>					
<b>FCOV=      /</b>					
% Foliage altered (blk-brn)		% altered			
Frequency % living		% living			
Spp comp - Rel abundance		*			

<b>B2. LOW SHRUBS</b>					
<b>FCOV=      /</b>					
% Foliage altered (blk-brn)		% altered			
Frequency % living		% living			
Spp comp - Rel abundance		*			
Diam of smallest branch left		#			
Species for smallest branch					

<b>C. TALL SHRUBS AND TREES 3 TO 7 FT (1-2 M)</b>					
<b>FCOV=      /</b>					
% Foliage altered (blk-brn)		% altered			
Frequency % living		% living			
% change in cover (+/-)		% pre-fire cov			
Spp comp - Rel abundance		*			
Diam of smallest branch left		#			
Species for smallest branch					

<b>D. SMALL TREES 7 TO 15 FT (2-5 M)</b>					
<b>FCOV=      /</b>					
% Green (unaltered)		% rel. cover			
% Black/Brown		% rel. cover			
Frequency % living		% living			
Diam of smallest branch left		#			
Species for smallest branch					

<b>E. INTERMEDIATE TREES 15-60 FT (5-20 M)</b>					
<b>FCOV=      /</b>					
% Green (unaltered)		% rel cover			
% Black/Brown		% rel.cover			
Frequency % living		% living			

<b>F. TALL TREES &gt; 60 FT (&gt; 20 M)</b>					
<b>FCOV=      /</b>					
% Green (unaltered)		% rel. cover			
% Black/Brown		% rel. cover			
Frequency % living		% living			

**COMMENTS:**

\* level of change: **U**= unchanged    **L**= low    **M**= moderate    **H**= high  
# categories: **0**: < 0.25 in    **1**: 0.25 - 0.5 in    **2**: 0.5 - 1 in    **3**: none

<b>LS Burn Severity</b>		NLS = Non-lethal Surface (0-10% mortality)	MS = Mixed Severity (10-90% mortality)	SR = Stand Replacement (90% + mortality)
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<b>FH Burn Severity</b>		0	1	2	3
Overstory change/mortality		unburned	<40%	40-70%	>70%
Fuel Consumption		unburned	<20%	20-50%	>50%
Soil Heating		unburned	low	moderate	high

	Pre-fire	Post-fire	Code
EVT			See EVT Key
SS			herb (HE), shrub (SH), seedling (SE), sapling (SA), pole (PO), mature (MA), very mature (VM), old growth (OG)
PVG / ESP			See PVG/ESP key

FIRESEV PD Form

Reg ID		Examiners		Field Date			
Project ID	FIRESEV	Fire Name		Fire Date			
Plot ID		Plot Radius	37.2 ft				
<b>Plot Description</b>							
	<b>Field</b>	<b>Description</b>					
Geo. Position	17	UTM E plot center		Composition	48	Upper Dom Spp 1	
	16	UTM N plot center			49	Upper Dom Spp 2	
	18	UTM Zone			50	Mid Dom Spp 1	
	19	GPS Datum			51	Mid Dom Spp 2	
	20	GPS Error (m)			52	Lower Dom Spp 1	
Biophysical Setting	22	Elevation		53	Lower Dom Spp 2		
	23	Aspect		54	Potential Veg ID		
	24	Slope		55	Potential Lifeform		
	25	Landform		Ground Cover	56	Bare Soil Cover	
	26	Vert. Slope Shape			57	Gravel Ground Cover	
27	Horiz. Slope shape		58		Rock Ground Cover		
Tree Cover	33	Total Tree Cover			59	Litter & Duff Cover	
	34	Seedling Tree Cover			60	Wood Ground Cover	
	35	Sapling Tree Cover			61	Moss & Lichen Cover	
	36	Pole Tree Cover			62	Charred Ground Cover	
	37	Medium Tree Cover			63	Ash Ground Cover	
	38	Large Tree Cover		64	Basal Veg. Cover		
	39	Very Lg. Tree Cover		65	Water Ground Cover		
Shrub Cover	40	Total Shrub Cover		Photos	North ground photo ID		
	41	Low Shrub Cover			North stand photo ID		
	42	Medium Shrub Cover			Other photos (ID and description):		
	43	Tall Shrub Cover					
Herb Cover	44	Graminoid Cover					
	45	Forb Cover					
	46	Fern Cover					
	47	Moss & Lichen Cover					
Site Comments:							