Wildfire Hazard Severity Form Checklist NFPA 299 / 1144

This form may be used for individual houses or larger areas like developments or other types of applications.

Name of area or address receiving assessment

A. Subdivision Design	Points	Risk	Reduction	Notes
1. Ingress and egress (Main Road)				
Two or more roads in/out	0			
One road in/out	7			
2. Road width (Main Road)				
Greater than 24 feet	0			
Between 20 and 24 feet	2			
Less than 20 feet wide	4			
3. All-season road condition (Main Road)				
Surfaced, grade < 5%	0			
Surfaced, grade > 5%	2			
Non-surfaced, grade < 5%	2			
Non-surfaced, grade > 5%	5			
Other than all-season	7			
4. Fire service access (Driveway)				
< = 300ft, with turnaround	0			
> = 300ft, with turnaround	2			
< = 300ft, no turnaround	4			
> = 300ft, no turnaround	5			
5. Street signs (Main Road, ie; address, deadend)				
Present (4 in. in size and reflectorized)	0			
Not present	5			
B. Vegetation (Fuel Models, 300' and beyond)				
1. Predominant vegetation				
Light (grasses, forbs)	5			
Medium (light brush and small trees)	10			
Heavy (dense brush, timber, and hardwoods)	20			
Slash (timber harvest residue)	25			
2. Defensible space (0 to 300')				
More than 100 ft of treatment from buildings	1			
More than 71 -100 ft of treatment from buildings	3			
30-70 ft of treatment from buildings	10			
Less than 30 feet	25			
C. Topography				
1. Slope				
Less than 9%	1			
Between 10-20%	4			
Between 21-30%	7			
Between 31-40%	8			
Greater than 41%	10			
Totals for this page		0	0	

D. Additional Rating Factors	Points	Risk	Reduction	Notes	
1. Topography that adversely affects wildland fire behavior	0 - 5				
2. Area with history of higher fire occurrence	0 - 5				
3. Areas of unusually severe fire weather and winds	0 - 5				
4. Separation of adjacent structures	0 - 5				
E. Roofing Materials					
1. Construction material					
Class A roof (metal, tile)	0				
Class B roof (composite)	3				
Class C roof (wood shingle)	15				
Non-rated	25				
F. Existing Building Construction					
1. Materials (predominant)					
Noncombustible siding/ deck	0				
Noncombustible siding/ wood deck	5				
Combustible siding and deck	10				
2. Setback from slopes > 30%					
More than 30 feet to slope	1				
Less than 30 feet to slope	5				
Not applicable	0				
G. Available Fire Protection					
1. Water source availability (on site)					
500 gpm pressurized hydrants < 1000ft apart	0				
250 gpm pressurized hydrants < 1000ft apart	1				
More than 250 gpm non-pressurized, 2 hours	3				
Less than 250 gpm non-pressurized, 2 hours	5				
No hydrants available	10				
2. Organized response resources					
Station within 5 miles of structure	1				
Station greater than 5 miles	3				
3. Fixed fire protection (interior, some exception to outside)					
Sprinkler system (NFPA 13, 13R, 13D)	0				
None	5				
H. Utilities (Gas and Electric)					
1. Placement					
All underground utilities	0				
One underground, one aboveground	3				
All aboveground	5				
Totals for this page		0	0		
I. Totals for Risk Assessments					
Totals for page 1 and 2		0	0		
1. Low Hazard: < 39 points					
2. Moderate Hazard: 40-69 points					
3. High Hazard: 70-112 points					
4. Extreme Hazard: 113 > points					
Census Data					
Track number					
Block group number					
Block number (s)					