

## NFPA Standard 1144 Wildland Fire Risk Checklist

Element	Points	Score One score per Box
<b>A. Subdivision Design (Max of 31 Points)</b>		
1. Ingress and egress		
Two or more, primary roads	1	
One road, primary route	3	
One way in/out	5	
2. Primary road width		
Minimum of 20 ft (6.1 m)	1	
Less than 20 ft (6.1 m)	3	
3. Road accessibility		
Smooth road, grade <5%	1	
Rough road, grade >5%	3	
Other	5	
4. Secondary road terminus		
Loop roads, cul-de-sacs		
Outside radius >50 ft (15.2)	1	
Outside radius <50 ft (15.2)	3	
Cul-de-sac turnaround		
Dead-end roads <200 ft (61 m)	3	
Dead-end roads >200 ft (61 m)	5	
5. Average lot size		
More than 10 acres (4.1 ha)	1	
Between 1-10 acres (0.4 -4.1 ha)	3	
Less than 1 acre (0.4 ha)	5	
6. Street signs		
Present [4 in. (10.2 cm) in size and reflectorized]	1	
Not present	5	
<b>B. Vegetation (Fuel Models) (Max of 20 Points)</b>		
1. NFDRS fuel models		
Light (grasses, forbs, sawgrasses, and tundra)		
Fuel models A, C, L, N, S, and T	1	
Medium (light brush and small trees)	5	
Fuel models D, E, F, H, P, Q, and U	5	
Heavy (dense brush, timber, and hardwoods)		
Fuel models B, G, and O	10	
Slash (timber harvesting residue)	10	
Fuel models J, K, and L	10	

## 2. Defensible space

More than 100 ft (30.48 m) of treatment from buildings	1
30-70 ft (9.1-21.3 m) of treatment from buildings	5
No defensible space treatment	10

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## C. Topography (Max of 10 Points)

### 1. Slope

Less than 9%	1
Between 10-20%	4
Between 21-30%	7
Between 31-40%	8
Greater than 41%	10

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## D. Additional Rating Factors (max of 9 Points)

1. Rough topography that contains steep canyons	2
2. Areas with a history of higher fire occurrence than surrounding areas due to special situations such as heavy lightning, railroads, escaped debris burning, arson, etc.	3
3. Areas that are periodically exposed to unusually severe fire weather and strong dry winds	4


## E. Roofing Material (max of 10 Points)

### 1. Construction material

Class A roof	1
Class B roof	3
Class C roof	5
Non-rated	10

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**F. Existing Building Construction (max of 10 Points)**

**1. Materials (predominate)**

Noncombustible siding/deck	1	
Noncombustible siding/wood deck	5	
Combustible siding and deck	10	

**G. Available Fire Protection (Max of 13 points)**

**1. Water source availability (on site)**

500 gpm (1892.7 lpm) hydrants <1000 ft (304.8 m) apart	1	
Hydrants above or draft site	2	
No hydrants or draft site available	3	

**2. Water source availability (off site)**

Sources within 20 min round-trip	1	
Sources within 21-45 min round-trip	5	
Sources >46 min round-trip	10	

**H. Utilities (Gas and Electric) (Max of 5 Points)**

**1. Placement**

All underground utilities	1	
One underground, one aboveground	3	
All aboveground	5	

**TOTAL POINTS (Max of 108 Points)**

**Wildfire Risk Scores Rating**

**Points**

<b>Extreme Hazard</b>	<b>84-100</b>
High Hazard	69-83
Moderate Hazard	50-68
Low Hazard	0-49

**Overall Rating**