Wildland Fire Risk and Hazard Severity Assessment Form

Directions: Assign a value to the most appropriate element in each category and place the number of points in the column on the right.

A. MEANS OF ACCESS

1. Ingress and egress

a. Two or more roads in/out	0
b. One road in/out	7

2. Road width

a. ≥7.3 m (24 ft)	0
b. ≥6.1 m(20 ft) and <7.3 m (24 ft)	2
c. <6.1 m (20 ft)	4

3. All-season road condition

a. Surfaced road, grade ≤5%	0
b. Surfaced road, grade >5%	2
c. Non-surfaced road, grade ≤5%	2
d. Non-surfaced road, grade >5%	5
e. Other than all-season	7

4. Fire service access

a. ≤91.4 m (300 ft) with turnaround	0
b. >91.4 m (300 ft) with turnaround	2
c. <91.4 m (300 ft) with no turnaround	4
d. ≥91.4 m (300 ft) with no turnaround	5

5. Street signs

a. Present [102 cm (4 in.) in size and reflectorized]	0
b. Not present	5

B. VEGETATION (fuel models)

1. Characteristics of predominate vegetation within 91.4 m (300 ft)

a. Light (e.g., grasses, forbs, sawgrasses, and tundra) *NFDRS Fuel Models A, C, L, N, S, and T*	5
b. Medium (e.g., light brush and small trees) *NFDRS Fuel Models D, E, F, H, P, Q, and U*	10
c. Heavy (e.g., dense brush, timber and hardwoods) *NFDRS Fuel Models B, G, and O*	20
d. Slash (e.g., timber harvesting residue) *NFDRS Fuel Models J, K, and L*	25

2. Defensible Space

a. More than 30.48 m (100 ft) of vegetation treatment from the structure(s)	1
b. 21.6 m to 30.48 m (71 ft to 100 ft) of vegetation treatment from the structure(s)	3
c. 9.14 m to 21.3 m (30 ft to 70 ft) of vegetation treatment from the structure(s)	10
d. <9.14 m (30 ft) of vegetation of vegetation treatment from the structure(s)	25

C. TOPOGRAPHY WITHIN 9.1 m (300 ft) OF STRUCTURE(S)

1. Slope ≤9%	1
2. Slope 10% to 20%	4
3. Slope 21% to 30%	7
4. Slope 31% to 40%	8
5. Slope >41%	10

D. ADDTIONAL RATING FACTORS (rate all that apply)

1. Topographical features that adversely affect wildland fire behavior	0-5
2. Areas with a history of higher fire occurrence than surrounding areas due to special situations *(e.g., heavy lightning, railroads, escaped debris burning, & arson)*	0-5
3. Areas that are periodically exposed to unusually severe fire weather and strong dry winds	0-5
4. Separation of adjacent structures that can contribute to fire spread	0-5

E. ROOFING ASSEMBLY

1. Class A roof	0
2. Class B roof	3
3. Class C roof	15
4. Nonrated	25

F. BUILDING CONSTRUCTION

1. Materials (predominate)	
a. Noncombustible/fire-resistive siding, eaves, and deck	0
b. Noncombustible/fire-resistive siding and combustible deck	5
c. Combustible siding and deck	10
2. Building setback relative to slopes of 30% or more	
a. ≥9.14 m (30 ft) to slope	1
b. <9.14 m (30 ft) to slope	5

G. AVAILABLE FIRE PROTECTION

1. Water source availability	
a. Pressurized water source availability	
— *1892.7 L/min (500 gpm) hydrants ≤304.8 m (1000 ft) apart*	0
— *946.4 L/min (250 gpm) hydrants ≤304.8 m (1000 ft) apart*	1
b. Nonpressurized water source availability (off site)	
— *≥946.4 L/min (250 gpm) continuous for 2 hours*	3
— *<946.4 L/min (250 gpm) continuous for 2 hours*	5
c. Water unavailable	10
2. Organized response resources	
a. Station ≤8 km (5 mi.) from structure	1
b. Station >8 km (5 mi.) from structure	3
3. Fixed Fire Protection	
a. NFPA 13, 13R, 13D sprinkler system	0
b. None	5

H. PLACEMENT OF GAS AND ELECTRIC UTILITIES

1. Both underground	0
2. One underground, one aboveground	3
3. Both aboveground	5

I. TOTALS FOR HOME OR SUBDIVISION *(TOTAL OF ALL POINTS)*

Hazard Assessment	Total Points
Low Hazard	<40
Moderate Hazard	40-69
High Hazard	70-112
Extreme Hazard	>112