

Date _____ Inspected By _____ ID# _____

Fire Risk Rating for Homes in the Wildland/Urban Interface

This rating system was created by the Alaska Wildland Fire Coordinating Group (AWFCG) specifically for Alaskan residents. It is based on the National Fire Protection Association's *Standard for Protection from Wildland Fire* (nfpa 299). The form is divided into four sections, with each section rating a different risk factor for your home and its surroundings. Included in this survey are features of your community the attributes may or may not apply to the specifics you observe. Complete this form to the best of your ability to determine your home's overall fire risk.

IN CASE OF EMERGENCY DIAL 911

Homeowner Name _____ Address _____

City _____ AK _____ ZIP _____ Phone _____

Section I. ACCESS - To the Community from Your Home		
Consider Access for Fire Vehicles and Resident Evacuation	Points	Score
A. Accessibility to Community by Roads		
1. Roads In/Out		
a. Maintained Road In/Out (All-Season)		
i. Multiple Roads	0	
ii. Single Road	1	
b. Unmaintained Road In/Out (Seasonal)		
i. Multiple Roads	2	
ii. Single Road	3	
2. Attributes of Road		
a. Road Type		
i. Paved Road	0	
ii. Unpaved Road	1	
b. Access Type		
i. Truck/Emergency Vehicle Accessible	0	
ii. Regular/Small Car Limited	1	
iii. 4WD Limited	2	
c. Road Slope		
i. Flat (less than 10%)	0	
ii. Moderate (10% -30%)	1	
iii. Steep (greater than 30%)	2	
d. Other Road Qualities		
i. Road Loops	0	
ii. Dead End (with turn around/cul-de-sac)	1	
iii. Dead End (no turn around)	2	
3. Driveway to the Road		
a. Full access for Fire Vehicles from Road**	0	
b. Limited access for Fire Vehicle (over 200' long)	1	
c. Only 4WD vehicle access	2	
d. Only accessible by ATV	3	
e. Limited by footpath from road	4	
4. Other (no bridge = 0)		
a. two lane bridge (Heavy Weight Limit)	1	
b. one lane bridge (Moderate Weight Limit)	2	
c. limited access small bridge (limited acceptable weight)	3	
5. No Roads		
	18	
B. Accessibility to Community (Other)		
1. Access only by ATV	1	
2. Access only by Water	3	
3. Access only by Air	5	
4. Access only by foot path	7	
Section I. Total		25

**ROAD ACCESSIBILITY FOR FIRE VEHICLES MUST BE 12 FEET IN WIDTH WITH 13.5 FEET CLEARANCE, LESS THAN 10% GRADE, AND 100 FOOT TURNAROUND.

Section II. - COMMUNITY INFRASTRUCTURE - Attributes of Your house in the Community

This section examines the role of the community plays in the risk of wildfire affecting your home

A. Electrical Utilities			(Street Displayed if Applicable)
1. Underground Power Lines (within 200' of residence)	0		
2. Aboveground Power Lines (within 200' of residence)			
a. 10' right of way around power lines maintained	1		
b. 10' right of way around power lines NOT maintained	3		
B. Gas/Fuels Utilities (Propane, Diesel, Gasoline, and others)			
1. Gas Tanks Stored Underground	0		
2. Gas Tanks Stored Aboveground			
a. Fuel Barrels stored over 30' away	1		
b. Fuel Barrels stored less than 30' away	3		
3. Large Capacity Fuels Storage Tanks within vicinity of home(s)	3		
C. Water Supply			
1. Hydrants			
a. Hydrants within 1000'	0		
b. Hydrants greater than 1000'	1		
c. No Hydrants Available	3		
2. Draft Sources			
a. Draft sources available (equals 0)			
i. open water	2		
ii. pumps	3		
b. Draft sources NOT available	4		
D. House Identification (with electrical company, village council, etc.)			
1. House officially registered and Number Displayed	0		
2. House officially registered and number NOT displayed	1		
3. House NOT Registered	3		
E. Response Resources			
1. Organized response less than 5 miles	0		
2. Organized response greater than 5 miles	1		
3. NO organized response	3		
F. NO Evacuation Plan for Community	3		
Section II. Total	25		

Section III. - NATURAL CONDITIONS and FUELS

(Within 300' of Dwelling effects the ability of Wildfire to spread in a given area)

A. Slope			(Street Displayed if Applicable)
1. Minimal slope present (less than 10%)	1		
2. Nearby moderate slopes (10% to 30%)	3		
3. Nearby steep slopes (30% or greater)	5		
B. Other Weather, Topographic, and Miscellaneous Features			
1. Draws/ravines	2		
2. Chimney or close-by canyons	2		
3. Aspect (amount of daily sun exposure)	2		
4. Strong winds in the area	2		
5. Fire History	2		
C. Fuel Loads (Predominate Characteristics within 300' from home)			
1. Light (short grasses or green cultivated fields)	1		
2. Medium (tall thick grasses, light brush, small trees, tundra)	2		
3. Heavy Hardwoods (60% hardwood and thick brush)	3		
4. Heavy Conifers (Conifers limbs reach the ground)	4		
5. Dead (piled unburned fuels, dead spruce trees)	5		
D. Defensible Space			
1. > 100 feet of vegetation treatment from the structure(s)	0		
2. over 60 – 100 feet of vegetation treatment from the structure(s)	1		
3. 30 – 60 feet of vegetation treatment from the structures(s)	3		
4. < 30 feet of vegetation treatment from the structure(s)	5		
Section III. Total	25		

Section IV. - HOME STRUCTURE and PRACTICES

This section examines how vulnerable your home may be to an encroaching fire.

A. Roofing Material		
1. Home has metal or tile roof	0	
2. Home has asphalt composition roof	1	
3. Home has composition roof covered with spruce needles, leaves, and/or moss, OR treated Wood Shake Roof	2	
4. Home has wood shake shingled roof	3	
5. Unrated Roof Type	4	
B. Deck Material		
1. No Deck or Non Combustible	0	
2. Combustible Deck	1	
C. Siding		
1. Non-Combustible Siding	0	
2. Combustible Siding	1	
D. Eaves, Balconies, Stilts		
1. Home has enclosed (or screened) eaves, decks, or stilts	0	
2. Home has enclosed (or screened) eaves, BUT unenclosed balcony, deck, or stilts	1	
3. Home has unenclosed eaves, balconies, decks, stilts	3	
E. Chimney		
1. Chimney is screened	0	
2. Chimney is NOT screened	3	
F. Building Density (proximity of surrounding buildings)		
1. Greater than 100' between structures	0	
2. 60' - 100' between structures	1	
3. 30' - 60' between structures	2	
4. Less than 30' between structures	3	
G. Firewood Storage		
1. No firewood piles or woodsheds within 30' of structures	0	
2. Firewood piles or woodsheds within 15' - 30' from structures	1	
3. Firewood pile adjacent to home (less than 15')	2	
4. Firewood stored under eaves or on/or under deck	3	
H. Machine Storage (lawnmowers, snow machines, boat engines, etc.)		
1. Gas powered machines stored over 30' from house	0	
2. Gas powered machines stored less than 30' from house	1	
I. Outdoor Burning (to remove fuels around the house)		
1. Burning trash and yard debris		
a. Burn trash and yard debris yearly (during non-fire season)	1	
b. Don't burn yard debris frequently	2	
c. Don't burn yard debris ever	3	
2. Burn Barrel		
a. Never burn	0	
a. Use proper burn barrel over 30' away from structures	1	
b. Use burn barrel less than 30' away from structures	2	
c. DON'T use burn barrel when burning	3	
Section IV. Total		25

	Totals (Per Section)
Section I.	25
Section II.	25
Section III.	25
Section IV.	25
Total:	100

Section Total	Overall Total	Fire Risk
0 to 7	0 to 28	Low
8 to 15	29 to 60	Moderate
16 to 22	51 to 88	High
23 to 25	89 to 100	Extreme