

# Maryland Wildland-Urban Interface Home Risk Assessment

Community Name: \_\_\_\_\_

Date: \_\_\_\_\_

Street Address: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Homeowner Name: \_\_\_\_\_

Score/Rating: \_\_\_\_\_

Element	Attribute	Example Description	Suggested Points	Score
Community Access and Protection	Community Ingress/Egress	Two or more roads in/out	0	
		One road in/out	4	
	Road Width	2 full lanes (>24 feet)	0	
		1 1/2 lanes (18-24 feet)	2	
		1 lane (<18 feet)	6	
	Road Surface	Concrete, Asphalt	0	
		Tar & chip	2	
		Gravel, Dirt	4	
	Water Supply	Pressurized hydrant system in community	0	
		Reliable water source is nearby	2	
		No reliable water source in the vicinity	6	
	Turnaround	Area to turn large vehicles around is present	0	
No turnaround area present		4		
House Access	Driveway Width	12 feet or more	0	
		Less than 12 feet	4	
	Driveway Clearance	Vegetation cleared from sides, and to height of >13'	0	
		Vegetation encroaching on driveway	4	
	Driveway Grade	Driveway grade is <5%	0	
		Driveway grade is 5% - 14%	2	
		Driveway grade is 15% - 30%	4	
		Driveway grade is >30%	8	
	Turnaround	Area to turn large vehicles around is present	0	
		No turnaround area present	4	
House Number	House number clearly visible from street	0		
	House number not posted or not clearly visible	4		
Surrounding Environment	Topography	Slope <5%	0	
		Slope 5% to 20%	2	
		Slope 21% to 30%	4	
		Slope 31% to 40%	6	
		Slope >40%	10	
	Position on Slope	Located at bottom of slope	0	
		Located at top or middle of slope	4	
	Obstacles	Few obstacles to firefighting	0	
		Abundant or large rocks, or other obstacles	4	
	Fuel Type	Hardwood Litter	4	
		Tall Grass	6	
		Hardwood with Ericaceous understory	8	
		Pine/Evergreen	8	
		Slash	10	
Fuel Loading	Light	0		
	Moderate	4		
	Heavy	8		
	Very Heavy	12		
Landscaping	Defensible Space	>100 feet of vegetation treatment	0	
		30 - 100 feet of vegetation treatment	2	
		<30 feet of vegetation treatment	6	
		No vegetation treatment	12	
	Tree/Shrub Placement	Adequate plant spacing	0	
		Fire could spread easily from one plant to another	6	
	Direct Flame Impingement Potential	No vegetation close enough for flame contact	0	
		Moderately flammable plants adjacent to house	4	
		Highly flammable plants adjacent to house	10	

Element	Attribute	Example Description	Suggested Points	Score
Landscaping (Continued)	Mulch	Non-flammable or no mulch used near house	0	
		Flammable mulch used adjacent to house	4	
	Landscape Maintenance	Lawn is mowed, green, and free of debris	0	
		Lawn could burn (tall, dry, etc.) or has minor debris accum.	4	
		Moderate accumulation of dead leaves and debris	6	
		Major accumulation of dead leaves and debris	10	
Primary Structure(s)	Roofing Material	Class-A fire rated roof (asphalt shingles, metal, etc.)	0	
		Wood roof	6	
	Foundation	At least 30" of masonry foundation exposed	0	
		6" to 30" of masonry foundation exposed	2	
		Little or no foundation exposed	6	
	Siding Material	Non-flammable or masonry walls	0	
		Vinyl siding	6	
		Wooden siding or wall construction	10	
	Deck	No deck present	0	
		Deck present, but little flammable material underneath	4	
		Deck has accumulation of flammable debris	10	
	Firebrand Ignition Potential	Eaves enclosed and vents properly screened	0	
		Eaves open and/or vents unscreened	6	
		House can accumulate firebrands & has openings present	10	
	Maintenance	Home and adjacent areas cleared of flammable debris	0	
		Roof, gutters, etc. w/ minor debris accumulation	2	
		Major debris accumulation on or adjacent to house	6	
	Secondary Structure(s)	Outbuilding Placement	Outbuildings absent, or w/ good vegetative clearance	0
Outbuildings have inadequate vegetative clearance			4	
Outbuildings w/ little/no clearance, and debris accum.			8	
Outbuilding Construction		Outbuilding material is not readily flammable	0	
		Outbuilding has vinyl siding	4	
		Outbuilding has wooden roof or walls	8	
Fencing		No flammable fence present	0	
		Flammable fence present but separated from structures	4	
		Flammable fence adj. to structures, but w/ veg. clearance	6	
	Flammable fence adj. to structures, but no veg. clearance	10		
Wildfire Ignition Potential	Fire History	Area has no recent fire history	0	
		Area has active fire history	2	
		Area has especially high fire occurrences	6	
	Debris Burning	Homeowner/neighbor(s) doesn't burn trash or yard debris	0	
		Homeowner/neighbor(s) burn trash or debris regularly	6	
	Woodstove Ashes	Woodstove ashes properly disposed	0	
		Homeowner/ neighbor(s) disposes of ashes improperly	4	
	Spark Arrester	Chimney absent or equipped with approved spark arrester	0	
Chimney not equipped with approved spark arrester		2		
Additional Factors	Firewood	Firewood pile absent or at least 50' from home	0	
		Firewood pile 5' -50' from home	4	
		Firewood is against the home or under the deck	8	
	Surrounding Structures	No other structures within 150 feet of house	0	
		Low/Moderate risk structures within 100 feet of house	4	
		High risk structures located within 50 feet of house	10	
	LPG Tank	LPG tank absent or adequately cleared of vegetation	0	
LPG tank near house and with inadequate veg. clearance		8		
Other				

Total of Scores:



**Total of Scores:**

0-19  
20-59  
60-79  
80-119  
120 +

=  
=  
=  
=  
=

**Adjective Rating:**

Very Low  
Low  
Moderate  
High  
Very High