



# Hawai'i Wildfire Home Ignition Zone Score Card

Date:  
Assessment #:

Address:  
Community:

The following ratings should be a number between the range provided in each row.

SITE HAZARD CHARACTERISTICS	RATING	
<b>ACCESS and VISIBILITY:</b> Can emergency personnel find and access?		
Driveway < 150 feet long	0	
Driveway > 150 feet with adequate turnaround	3	
Driveway > 150 feet with inadequate turnaround	5	
Driveway width more than 12 feet	0	
Driveway width less than 12 feet	5	
No overhead branches below 14 feet	0	
Obstructing overhead branches below 14 feet	5	
No bridges or bridges with no restrictions	0	
Inadequate surface/bridges for emergency vehicle	5	
Road grade level or less than 10%	0	
Road grade over 10%	5	
No gate or gate is non-locking	0	
Locked gate restricting access	5	
Address visible from road (on house/end of drive)	0	
Address not visible from road or not found	5	
<b>SURROUNDING TREE TYPES:</b> Predominate type <b>within 30 feet</b> of home		
More than 50% Firewise species	0	
Less than 50% Firewise species	5	
<b>SURROUNDING TREE DENSITY:</b> Density <b>within 30 feet</b> of home		
Low density, clusters of trees	0	
High density, high canopy connectivity	5	
<b>SURROUNDING TREE MAINTENANCE:</b> Maintenance <b>within 30 feet</b> of home		
Well-maintained (i.e. branches pruned, no dead materials)	0	
Little to no maintenance	5	
<b>LADDER FUELS:</b> Can fire spread from surface to shrubs/tree canopy?		
No	0	
Yes (includes low tree limbs, underbrush, vines, etc.)	5	

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SITE HAZARD CHARACTERISTICS (Cont.)	RATING	
<b>FUEL CONNECTION:</b> Are ground fuels touching or within 5 feet of home?		
No	0	
Yes (includes ornamental shrubs, leaves, grass, weeds, mulch beds, etc.)	5	
<b>GROUND COVER:</b> Primary type of ground cover <b>within 30 feet</b> of home?		
Non-combustible (Sand, gravel, cinder, etc.)	0	
Native or Firewise plants	1	
Grasses, up to 4" tall (mowed, for example)	2	
Grasses, over 4" tall (heavy weeds, etc.)	10	
<b>SHRUB TYPES:</b> Primary type of shrubs <b>within 30 feet</b> of home?		
No shrubs	0	
Native or Firewise shrubs (Well-manicured and spaced from each other)	2	
Invasive or fire-prone species (Well-manicured and spaced from each other)	5	
Invasive or fire-prone species (little to no maintenance)	10	
<b>SLOPE OF PROPERTY:</b> What is average slope around home?		
Gradual (0-10%)	0	
Moderate (11-30%)	5	
Steep (over 30%)	10	
<b>FIREWOOD, DEBRIS or COMBUSTIBLES:</b> Where are they located? Includes firewood piles, mulch piles, and stored lumber.		
None	0	
Kept more than 30 feet from home	2	
Stored under house or lanai/decks with protection	4	
Kept within 30 feet of home and within 10 feet of other combustible materials and plants	8	
Stored under house or lanai/decks with no protection	10	
<b>OTHER POTENTIAL HAZARDS:</b> Are there any external hazards present <b>within 30 feet</b> of structures? Includes outbuildings, propane tanks, etc.		
No	0	
Yes	5	

**TOTAL SITE HAZARD RATING**

/105



STRUCTURE HAZARD CHARACTERISTICS		RATING
<b>ROOFING MATERIALS:</b> What is the roof covering of the home?		
Class A: Metal, slate, tile, asphalt, etc.	0	
Rolled roofing or non-rated roof material	5	
Wood (cedar shingles or shakes)	15	
<b>FOUNDATION:</b> What type of foundation does the home have?		
Enclosed (fireproof, i.e., concrete, metal, adobe)	0	
Enclosed with wood or vinyl sheeting	5	
Open air foundation (piers, stilts, etc.)	10	
<b>EXTERIOR WALLS:</b> What is predominate outer wall covering?		
Brick, stone, or metal	0	
Vinyl or wood	5	
<b>VENTS and EAVES:</b> Are these protected from flying embers?		
Enclosed with plastic or metal screens	0	
Exposed wood, open soffits, or unscreened vents	5	
<b>ATTACHMENTS:</b> Are there any attachments to the structure? Includes decks, overhangs, fences, trellises, etc.		
No	0	
Yes	5	
<b>FUEL TRAPS:</b> Are there any areas where leaves/debris can accumulate? Includes window wells, under steps, foundation indents, etc.		
No	0	
Yes	5	
<b>WINDOW PANES:</b> What vulnerable are the windows to breakage?		
Dual-pane and/or tempered glass; no flammable materials next to them	0	
Single-pane; flammable materials growing next to them	10	
<b>TOTAL STRUCTURE HAZARD RATING</b>		<b>/55</b>

HAZARD REDUCTION FACTORS (Choose any that apply)		RATING (Combined)						
<b>SITE</b>								
Trees pruned up 6 feet within 30 feet of house	-1							
Grass mowed/watered within 30 feet of house	-1							
Leaves/needles raked within 30 feet of house	-2							
5 feet of gravel or non-flammable materials around house	-3							
<b>STRUCTURE</b>								
Regularly cleaned roof and gutters	-1							
Deck skirting non-flammable / screened	-3							
Roof sprinkler system	-3							
<b>OTHER</b>								
Firefighting equipment available (hose, ladders, etc.)	-1							
Useable water supply nearby (pool, pond, hydrant, etc.)	-3							
<b>COMMUNITY</b>								
Located in a nationally-recognized Firewise Community	-3							
<b>TOTAL HAZARD REDUCTION RATING</b>		<b>/-12</b>						
<p><b>Include and then add the previous section ratings below to calculate the TOTAL HAZARD RATING (higher numbers are higher overall hazard).</b></p> <table border="1"> <thead> <tr> <th>SITE (+)</th> <th>STRUCTURE (+)</th> <th>HAZARD REDUCTION (-)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			SITE (+)	STRUCTURE (+)	HAZARD REDUCTION (-)			
SITE (+)	STRUCTURE (+)	HAZARD REDUCTION (-)						
<b>TOTAL HAZARD RATING</b>		<b>/160</b>						