



WEST VIRGINIA DIVISION OF FORESTRY FIREWISE WEST VIRGINIA PROGRAM WOODLAND HOME WILDFIRE HAZARD ASSESSMENT



| | | | | | |
|--|-------------|-------------------|-----------|------------------------|--|
| Homeowner Name, Address & Phone: | | Occupancy Status: | | Property ID (Lot No.): | |
| Community Name & Location (if applicable): | | Structure Type: | | County: | |
| Evaluator Name(s): | | Evaluation Date: | | Photo(s) Taken: | |
| GPS Filename (if applicable): | Datum Used: | Latitude: | UTM Zone: | Easting: | |
| | | Longitude: | | Northing: | |

Evaluate the home by considering site hazard, structure hazard and hazard reduction factors. Enter the appropriate rating for each factor, and calculate the category subtotal. Sum these categories and calculate the overall Wildfire Hazard Rating for the property; using this value, mark the associated risk/hazard level. Be sure to mark what actions were taken at the time of evaluation. NOTE: If completing form electronically, some values will be automatically calculated.

| SITE HAZARD RATING: | Rating | | Rating | |
|--|-------------------|---|--|------|
| ACCESS AND VISIBILITY: Can emergency personnel find and access this home? | | Use best judgment in estimating these factors - actual measurements are not required. | GROUND COVER: Choose the primary type ground cover within 30' of the home. | |
| Driveway < 150 feet long | (0) | | Sand, gravel, etc. (non-combustible) | (0) |
| Driveway > 150 feet with adequate turnaround | (3) | | Grasses, up to 6" tall (established yard) | (3) |
| Driveway > 150 feet with inadequate turnaround | (5) | | Grasses over 6" tall (broomsedge, heavy weeds, etc.) | (10) |
| Average driveway width more than 16 feet | (0) | | Herbaceous understory or forest leaf litter | (15) |
| Average driveway width less than 16 feet | (5) | | Shrubs w/leaves (include creeping or spreading, i.e. ground ivy) | (5) |
| No overhead branches below 16 feet high | (0) | | Shrubs w/needles (creeping/spreading, i.e spreading juniper) | (7) |
| Obstructing overhead branches below 16 feet | (5) | | SLOPE OF PROPERTY: What is the average slope around the structure(s)? | |
| No bridges or bridges with no restrictions | (0) | | Gradual (0 -10%) | (0) |
| Inadequate surface/bridges for emergency vehicles | (5) | | Moderate (11 - 30%) | (5) |
| Road grade level or less than 10% | (0) | | Steep (over 30%) | (10) |
| Road grade over 10% | (5) | | FIREWOOD, DEBRIS OR COMBUSTIBLES: Where are fuel 'jackpots' located? | |
| No gate/non-locking gate | (0) | | None | (0) |
| Locked gate restricting access | (5) | | Include firewood piles, brush piles, stored lumber, outdoor furniture, etc. Located more than 30' from structure | (1) |
| Address visible from road (on house/end of drive) | (0) | | Located 3' to 30' from structure | (5) |
| Address not visible from the road or not found | (5) | | Located 0 to 3 feet from structure | (10) |
| SURROUNDING TREES: Choose the predominant tree type within 30' of the home. | | | FLAMMABLE MATERIALS: Where are highly flammable materials stored? | |
| No trees within 30 feet | (0) | | None/Unknown | (0) |
| Hardwoods (trees with deciduous leaves) | (4) | | Include gas cans, gas grills, lawnmowers, pesticides, etc. Located more than 30' from structure | (1) |
| Mixed (Hardwoods and Conifers/Evergreens) | (7) | | Located 3' to 30' from structure | (5) |
| Conifers/Evergreens (non-deciduous) | (10) | Located 0 to 3 feet from structure | (10) | |
| LADDER FUELS: Can fire spread from surface to aerial fuels? | | OTHER POTENTIAL HAZARDS: Are there any external fire hazards present? | | |
| Include low limbs, underbrush, vines, etc. | No (0) Yes (5) | Include outbuildings, LP gas storage tanks, etc. within 30 feet of the structure | No (0) Yes (5) | |
| FUEL CONNECTION: Are ground fuels touching or within 3 feet of the home? | | TOTAL SITE HAZARD RATING | | |
| Include ornamental shrubs, leaves, grass, weeds, mulch beds, etc. | No (0) Yes (5) | | | |

| STRUCTURE HAZARD RATING: | | Rating |
|---|----------------------------|--------|
| ROOFING MATERIALS: What is the roof covering of the home? | | |
| Metal, Slate, Tile or Class A Shingles | (0) | |
| Roll roofing or non-rated roof material | (5) | |
| Wood (cedar shingles or shakes) | (15) | |
| FOUNDATION: What type of foundation does the home have? | | |
| Enclosed (fireproof, i.e. concrete, metal) | (0) | |
| Enclosed with wood or vinyl sheeting | (5) | |
| Open-air foundation (piers, stilts, etc.) | (10) | |
| EXTERIOR WALLS: What is the predominant outer wall covering of the home? | | |
| *Evaluator has option to zero out the Total Structure Hazard Rating value | *Brick, Stone or Metal (0) | |
| | Vinyl or Wood (5) | |
| VENTS AND EAVES: Are these areas protected from flying embers? | | |
| Enclosed with plastic or metal screens | (0) | |
| Exposed wood, open soffits/fascia, or unscreened vents | (5) | |
| ATTACHMENTS: Are there any attachments to the structure(s)? | | |
| Include decks, overhangs, fences, trellises, etc. | No (0) | |
| | Yes (5) | |
| FUEL TRAPS: Any areas where leaves/debris can accumulate? | | |
| Include window wells, under steps, foundation indents, etc. | No (0) | |
| | Yes (5) | |
| TOTAL STRUCTURE HAZARD RATING | | |

Use best judgment in estimating these factors - actual measurements are not required.

| HAZARD REDUCTION FACTORS: (choose all that apply) | | Rating |
|--|------|------------|
| SITE | | |
| Trees pruned up 6 feet within 30' of the home | (-1) | |
| Grass kept watered and short within 30' of the home | (-1) | |
| Leaves/needles raked within 30 feet of the home | (-2) | |
| 3 feet of gravel or non-flammable material next to structure | (-3) | |
| STRUCTURE | | |
| Regularly cleaned roof and gutters | (-1) | |
| Deck skirting non-flammable/screened behind to keep out debris | (-3) | |
| OTHER | | |
| Firefighting equipment available (hose, ladder, rake, etc.) | (-1) | |
| Useable water supply nearby (pool, pond, hydrant, etc.) | (-3) | |
| TOTAL HAZARD REDUCTION FACTORS | | (-) |

CALCULATING THE WILDFIRE HAZARD RATING

| SITE HAZARD RATING | STRUCTURE HAZARD RATING | HAZARD REDUCTION FACTORS | OVERALL WILDFIRE HAZARD RATING |
|--------------------|-------------------------|--------------------------|--------------------------------|
| | | | = |
| + | + | - | |

*Note modifications to Hazard Ratings, recommendations, etc.

| What does the Wildfire Hazard Rating number mean? | |
|---|--|
| <i>Using the Wildfire Hazard Assessment, the highest possible rating is 150 points. Homes in the wildland/urban interface can be divided into the following four risk/hazard categories. The evaluator's judgment of this home's rating is indicated below:</i> | |
| LOW | Total Wildfire Hazard Rating 30 points or under |
| MODERATE | Total Wildfire Hazard Rating is 31 - 60 points |
| HIGH | Total Wildfire Hazard Rating is 61 - 90 points |
| VERY HIGH | Total Wildfire Hazard Rating is 91 - 120 points |
| EXTREME | Total Wildfire Hazard Rating is over 120 points |
| Evaluator Action(s): | Discussed results with homeowner/occupant |
| | Firewise literature left at home |
| | Other: |