

Maui Fire Department



Brush Mitigation Guide

PROGRAMS OFFERED



MFD WUI Program

To educate the community and provide proactive measures involving the community and MFD.



MFD Fuel Break Program

To educate large landowners on best practices and resources for wildland mitigation.



Fire Prevention Link

https://mauicounty.gov/1465/Fire-Prevention_bureau

OTHER RESOURCES

[Maui County Fire Code Link](https://mauicounty.gov/documentcenter/view/151332/ord-5754-bill-185-2021-maui-fire-code-adopted-122324)
<https://mauicounty.gov/documentcenter/view/151332/ord-5754-bill-185-2021-maui-fire-code-adopted-122324>

[Hawaii Wildfire Management Organization \(HWMO\)](http://hwmho.org)
hwmho.org

[Fire Wise USA](http://www.firewise.org)
www.firewise.org

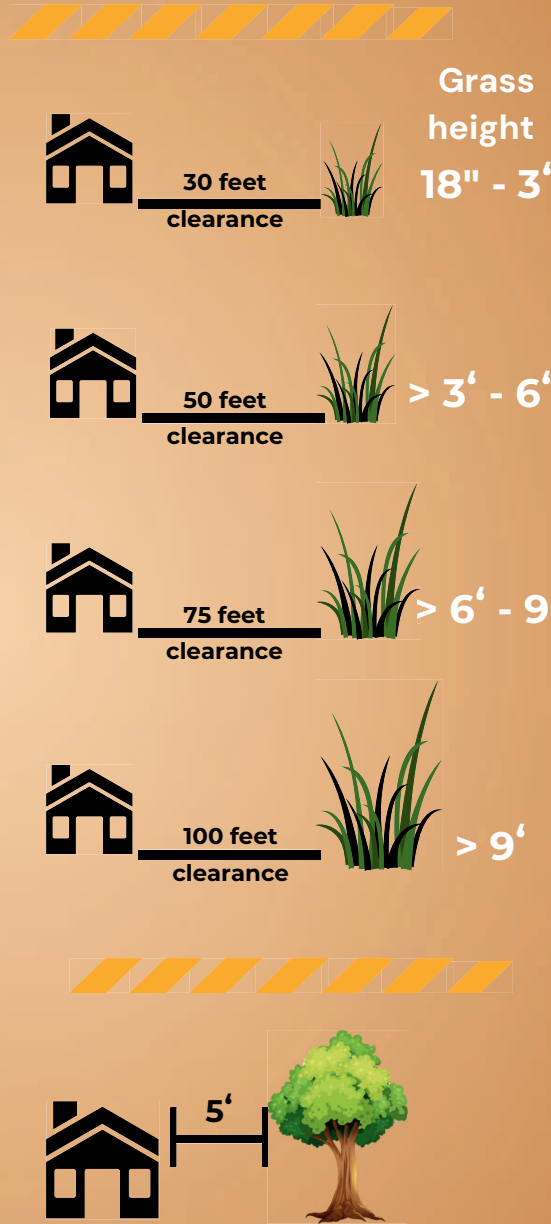
[National Fire Protection Association \(NFPA\)](http://nfpa.org)
nfpa.org



For More information Contact:
Maui Fire Prevention Bureau
Fire.prevention@mauicounty.gov
808-876-4960

MAUI FIRE DEPARTMENT BRUSH CLEARANCE GUIDE

Illustration



Maintain trees adjacent to structure so they are not within 5 feet of the vertical plane of the roofline.

MAUI FIRE DEPARTMENT BRUSH CLEARANCE GUIDE



Maintain an effective clearance in developed areas as follows:

- Brush 18 inches and up to 3 feet in height shall have 30 feet of clearance from structures.
- Brush greater than 3 feet and up to 6 feet in height shall have 50 feet of clearance from structures.
- Brush greater than 6 feet and up to 9 feet in height shall have 75 feet of clearance from structures.
- Brush greater than 9 feet in height shall have 100 feet of clearance from structures.
- For lots ½ acre or less, if upon inspection violations of any of the above are found, vegetation shall be cleared to less than 18 inches across the entire lot.



Maintain an effective fuel break on plots of land greater than 1/2 acre in size that are adjacent to subdivisions containing buildings or structure as follows:

- Brush 18 inches and up to 6 feet in height shall have 50 feet of clearance from structures. Where required, a 50-foot fuel break shall be measured from the property line.
- Brush greater than 6 feet in height shall have 100 feet of clearance from structures. Where required, a 100-foot fuel break shall be measured from the property line.

Postal Customer

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MAIN CAUSES OF STRUCTURE IGNITION

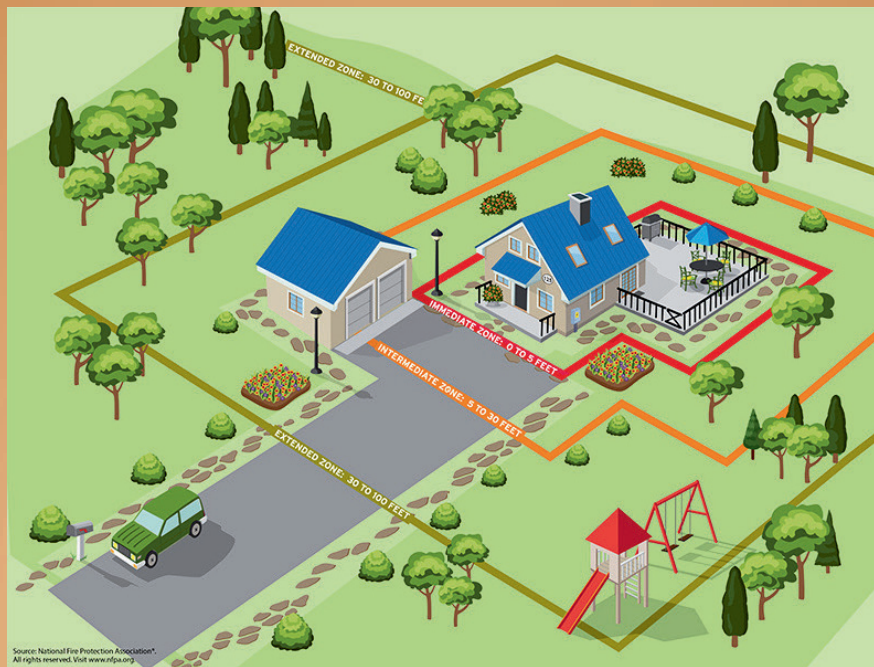
EMBER IGNITION

Burning pieces of airborne wood and/or vegetation that can be carried more than a mile through the wind can cause spot fires and ignite homes, debris, and other objects. They can also penetrate and smolder in woodpiles, patio/deck items, vents and openings, roofs, and debris filled gutters. Most home losses in a wildfire are from embers, not by direct contact with flames.

DIRECT FLAME CONTACT FROM BRUSH

Typically small flames burning through grass and ground litter. If the fuel sources are not interrupted, they can reach houses or attachments. Flames touching a house, fence, or deck can cause them to ignite.

ZONE GRAPHIC



National Fire Protection Association

<https://www.nfpa.org/education-and-research/wildfire/preparing-homes-for-wildfire>

IMMEDIATE ZONE - MOST IMPACT

The home and the area Zero to 5 Feet home; is defined as a non-combustible area. Science tells us this is the most important zone to take immediate action on as it is the most vulnerable to embers. **START WITH THE HOUSE ITSELF** then move into the landscaping section of the Immediate zone.



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IMMEDIATE ZONE - CHECK LIST



Clean roofs and gutters of dead leaves, debris, and pine needles that could catch embers.



Replace or repair any loose or missing shingles or roof rules to prevent ember penetration.



Reduce embers that could pass through vents in the eaves by installing 1/8 inch metal mesh screening.



Clean debris from exterior attic vents and install 1/8 inch metal mesh screening to reduce embers.



Repair or replace damaged or loose window screens and windows.



Screen in or box-in areas below patios and decks with wire mesh to prevent debris and combustible materials from accumulating.



Move any flammable material away from wall exteriors - mulch, flammable plants, leaves and needles, firewood piles - anything that can burn.



Remove anything combustible stored underneath decks or porches.