

# Open Burning Season Safety Tips



*Open burning season starts January 15 and ends May 1 in communities where it is allowed. Check with your local fire warden or fire chief to see if open burning is allowed in your city or town.*

## Permits Are Required

Get a permit from the local fire warden or fire chief. Fire wardens determine when it is safe to conduct open burning on a daily basis. Weather conditions change rapidly, especially in the spring. Permits can be rescinded if conditions change suddenly, making it unsafe to burn.

According to Department of Environmental Protection regulations (310 CMR 7.07), open burning must: be a minimum of 75 feet from any dwelling; be conducted between 10:00 a.m. and 4:00 p.m.; and take place on the land closest to the source of material to be burned. Be sure air quality conditions are acceptable for burning by calling the MassDEP Air Quality Hotline at (800) 882-1497 or visit *MassAir Online* at [eeaonline.eea.state.ma.us/dep/massair/web/#/pollution/map/max](http://eeaonline.eea.state.ma.us/dep/massair/web/#/pollution/map/max).

## Burning is allowed for the following materials, with a permit:

- Brush, cane, driftwood, and forestry debris from **other than** commercial or industrial land clearing operations.
- Agricultural materials such as fruit tree and bush prunings, raspberry stalks, and infected bee hives for disease control.
- Trees and brush resulting from agricultural land clearing.
- Fungus infected elm wood, if no other acceptable means of disposal is available.

## Burning the following materials is prohibited:

- Brush, trees, cane and driftwood from commercial and/or industrial land clearing operations.
- Grass, hay, leaves, stumps, and tires.
- Construction material and debris.

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## How to Safely Ignite and Burn the Fire

An adult should always be present during open burning. Children and pets should be kept a safe distance away. Use paper and kindling to start the fire and add progressively larger pieces of wood. Parts of a discarded Christmas tree can be used. **Never use gasoline, kerosene or any other flammable liquid to start a fire** because the risk of personal injury is high. Burn one small pile of material at a time and slowly add to it. This helps to keep the fire from getting out of control. Select a burn location away from any utility lines.



## Fires Must Be Attended Until Extinguished

An adult must attend the fire until it is completely extinguished.

## Have Fire Control Tools Handy

Have fire extinguishing materials on hand including a water supply, shovels and rakes. The water supply can be a pressurized water fire extinguisher, a pump can or a garden hose. Test the water source before igniting the fire. You do not want to find out that the water is off or that the hose is cracked when you need it.

## Watch the Wind and Be Prepared to Extinguish All Open Burning

Be prepared to extinguish the fire if winds pick up or the weather changes. Use common sense. Don't wait for the fire department to contact you to say that it has become unsafe to burn. Most open burning gets out of control during a sudden wind change.

## Call for Help Immediately

If a fire gets out of control, call the fire department immediately. Use the utmost caution to prevent injury to yourself and others or any fire damage to your home.

People conducting illegal burning, or who allow a fire to get out of control, may be held liable for the costs of extinguishing the fire, and fined or imprisoned.

## Prevent Wildfires by Burning During Wet, Snowy Conditions

Prevent permit fires from becoming wildland fires by burning early in the season. Wet and snowy winter conditions hinder the rapid spread of fire on or under the ground. Weather conditions and increased fire danger in spring can lead to many days when burning is not allowed.

## Alternatives to Open Burning

Open burning releases large amounts of carbon dioxide, other gases, and solid substances directly into the air, which can contribute to respiratory problems. Disposal of natural materials is never as good for the environment as using them again in a different form. Tree limbs, brush, and other forestry debris can be chipped or composted into landscaping material. Check with your local public works or highway department; many have chippers at the municipal recycling center or transfer station and will process debris from homeowners.





# MassDEP

Commonwealth of Massachusetts

Department of Environmental Protection

## Why Does MassDEP Prohibit Open Burning on “No Burn” Days?

Open burning pollutes the air and can make it difficult for people with respiratory problems to breathe. When the air is stagnant, open burning can create smoke and odor nuisances – and health risks – for nearby residents, particularly in populated areas. On “good air” days, existing pollution levels are low and air circulates well. During the “open burning season” (which runs from January 15 to May 1), open burning is allowed in Massachusetts only on days when BOTH air quality and fire safety conditions are acceptable. Local fire departments make decisions about fire safety, and MassDEP decides whether the air quality on each day is good enough to allow open burning.

### What is MassDEP’s decision based on?

MassDEP’s Air Pollution Regulation (310 CMR 7.07) authorizes the Department to prohibit open burning on days when it may cause or contribute to a condition of air pollution. MassDEP develops a daily air quality forecast based on models and analyses from the National Weather Service, and on data from state and regional air quality monitors. In general, “no burn” announcements are issued when:

- The Air Quality Index for Massachusetts and nearby areas of upwind states is “moderate” or higher (fine particle concentrations are at or above 12 micrograms/cubic meter) early in the morning,
- The weather forecast is for light winds, which will not mix smoke from fires with cleaner air, allowing the smoke to linger over neighborhoods, and
- Air flow into Massachusetts is coming from the southwest, which draws in polluted air from urban areas south and west of Massachusetts and can raise pollution levels here.

In these conditions, smoke from open burning will add pollution to air that is already polluted, making a bad situation worse. Adults with respiratory conditions (e.g., asthma) and heart problems and children can be especially affected by air pollution.

MassDEP may prohibit open burning in specific fire districts or statewide, depending on the conditions on a particular day.