

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Drier and warmer today with gusty winds starting west-south west, shifting to northwest winds by early evening.

Fire Activity: On its own, no significant fire growth or activity is expected today. Should the planned burnout occur this afternoon, fire activity will likely include single and group tree torching with more active spread.

Smoke Summary: A burnout is planned for today and possibly the next couple of days. If the burnout does not occur today, expect GOOD air quality throughout the northern Yellowstone area.

With the planned burnout expect active fire behavior with noticeable smoke this afternoon. Winds will push smoke toward Madison Junction this afternoon. Overnight residual smoke is likely to drift into West Yellowstone. Smoke may linger overnight in the area around Hebgen Lake and return with up valley breezes impacting West Yellowstone and Duck Creek areas tomorrow morning and Madison Junction tomorrow afternoon. Highway 20 between West Yellowstone and Madison Junction may be smoky this afternoon. Please drive safely and for the conditions through this area.

NOTE: Breathing smoke is not healthy for anyone, but some people are at greater risk, including those with heart or lung disease, children, and the elderly. If it looks smoky, you may want to limit or eliminate exercise or other outdoor activities. A daily air quality summary report and links to real-time monitoring data and information about ways to limit your exposure to protect your health are available below.

Air Quality Outlook (SMOKE RELATED TO PLANNED BURNOUT TODAY)

Sites with air quality monitors (based on Air Quality Index for each 24-hr day)

Site	Yesterday	Today	Tomorrow	Smoke Notes
Duck Creek	Good	Good	Moderate	Clear skies today and through tonight. Tomorrow any smoke that settles over Hebgen Lake will follow up valley breezes tomorrow morning possibly reaching UNHEALTHY levels by mid-morning, clearing with break in the inversion around noon
Mammoth Hot Springs/ Gardiner	Good	Good	Good	Smoke from Maple fire burnout is not expected to drift towards this area
West Yellowstone	Good	Good	USG	Clear today. A few hours after midnight smoke may drift into area and may reach USG levels before tapering off. Just before sunrise, heavier smoke may follow up valley breezes possibly reaching UNHEALTHY levels by mid-morning then dissipating after break in inversion around noon.

Sites without a monitor – estimated outlook

Site	Today	Tomorrow	Smoke Notes
Madison Junction	Good	Moderate	May see hazy skies later in the afternoon following burnout – smoke impacts may approach USG for a brief period this evening.
Lake Junction	Good	Good	May see hazy skies later in the afternoon following burnout – smoke impacts may approach MODERATE.

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity.

USG – Unhealthy for Sensitive Groups



Link to other websites with smoke related information including real-time monitoring data and an explanation of the different colors representing the Air Quality Index: <http://go.nps.gov/YellowstoneSmoke>