

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Warmer temperatures and higher gusty winds. Moderate inversion will be in the area this morning that should lift by noon.

Fire Activity: Fire activity was light yesterday. The fire activity increases today with the higher winds and lower humidity. Planned burnout activities will increase active fire behavior in those areas with active torching.

Smoke Summary: Yesterday morning, smoke was observed moving back into the West Yellowstone area up to the Hebgen Lake area but moved out before noon. There was a slight spike (moderate to USG) at the Duck Creek monitor but was short in duration. Low winds and cooler temperatures moderated fire activity other than some cleanup activities smoke was relatively light. Smoke was noted moving up the Madison River valley area yesterday afternoon but air quality remained good.

Today's Smoke: Overnight, residual smoke in the area was observed in the West Yellowstone up to Duck Creek and Hebgen Lake area. Fire activity from expected burnout operations will produce higher levels of smoke in the afternoon much like on Thursday. SW winds should keep smoke moving away from the West Yellowstone area. Lingering smoke may remain around the Hebgen Lake area lifting this afternoon as inversion lifts and winds increase. Smoke will probably return to this area tonight into tomorrow morning. Mammoth Hot Springs will possibly experience smoke impacts from the Maple fire later today.

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	Good	Smoke due to inversion this morning lifting and clearing by this afternoon. Mostly good this afternoon. Moderate to USG air quality this evening that will likely linger into morning.
Madison Junction	Good	Good	Good	Light smoke impacts this afternoon clearing this evening.
West Yellowstone	Good	Good	Good	Mostly clear today. A few hours smoke this morning moving out this afternoon. Moderate smoke impacts early morning.

Sites without a monitor – estimated outlook

Site	Today	Tomorrow	Smoke Notes
Mammoth/Hot Springs	Moderate	Good	Mostly clear this morning. Possible moderate to USG smoke later this afternoon.
Lake Junction	Good	Good	Some light smoke later this afternoon but good air quality for the day

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>