

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Cooler temperatures and higher humidities will prevail through Monday. Southwest winds will remain strong. Threat of showers and thunderstorms tonight and through Sunday. Week inversion breaking by mid-morning.

Fire Activity: The Maple Fire and Tatanka Complex Fires will see little growth today due to damper and cooler conditions. Large fuels will continue to burn actively. A planned burnout of up to 600 acres in the west part of the Maple Fire may produce noticeable smoke, which is expected to dissipate.

Smoke Summary: GOOD air quality in West Yellowstone today; light smoke may return this evening and persist through tonight briefly reaching USG levels early tomorrow morning. In the Duck Creek area UNHEALTHY smoke levels will linger and clear by mid-morning with the break in the inversion. Mammoth may see hazy conditions today with smoke possibly reaching USG levels by early evening, clearing overnight. Madison may see hazy conditions this afternoon.

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)

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

Site	Yesterday	Today	Tomorrow	Smoke Notes
Bozeman	Good	Good	Good	
Duck Creek	Moderate	Moderate	Moderate	Smoke likely to drift in overnight with highest concentrations early tomorrow morning approaching Unhealthy conditions.
Mammoth/ Gardiner	Good	Good	Good	Smoke may drift in through the afternoon briefly reaching USG levels early evening, clearing overnight.
West Yellowstone	Good	Good	Good	Smoke may drift in early evening persisting through the night and into tomorrow morning, potentially with short periods of USG levels.

Sites without a monitor – estimated outlook

Site	Today	Tomorrow	Smoke Notes
Madison Junction	Good	Good	Smoke may drift in later in the afternoon creating hazy conditions (Moderate air quality)
Lake Junction	Good	Good	Smoke from the Central Fire likely to drift in late this afternoon potentially reaching USG levels for short period

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: <http://go.nps.gov/YellowstoneSmoke>