

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Today a cold front moves in with cooler temperatures and continued dry conditions for the region. Ridgetop winds will be N-NE 5 mph, with gusts up to 12 mph. Canyon winds expected to be N-NE 3 to 5 mph with up drainage gusts up to 10 mph in the afternoon. On portions of the Payette River expect gusty winds up to 12 mph. RH in the area is low during the day, but increasing in the night, up to 60 to 80 percent in the lower elevations. This will result in greater smoke impacts in the drainages.

Fire Activity: Active fire behavior expected, with high rates of spread in all vegetation types. Today's fire growth is anticipated north of Pioneerville and Highway 17 in Deadwood Canyon. Steep terrain with the combination of upslope/up-canyon winds will create conditions for group torching and spotting leading to increased spread following inversion break. Crews continue to reinforce perimeter control lines with burn out operations as conditions permit.

Smoke Summary: Smoke from the Pioneer and adjacent fire's is likely to linger around the region and valley areas. Increased fire activity and burnout emissions may lead to higher amounts of smoke persisting for the next few days, with heaviest in the vicinity of **Lowman and Idaho City**. Wildfires NE of **Stanley and Ketchum** may contribute to emissions to these communities. Moderate impacts could be present in areas SE of the fire to **Twin Falls**. Less smoke impact today from the fires in Oregon to the Treasure Valley communities.

Air Quality Outlook (smoke related)

Sites with air quality monitors (based on concentration PM 2.5 ug/m3 24-hr ave.)

Site	Yesterday	Today	Tomorrow	Smoke Notes
Fairfield	Moderate	Moderate	Moderate	No significant improvement throughout the day
Garden City	Moderate	Moderate	Moderate	Improving in the afternoon
Garden Valley	Moderate	Moderate	Good	No significant improvement throughout the day
Idaho City	Moderate	USG	Moderate	May reach Moderate after inversion break.
Ketchum	Moderate	Moderate	USG	No significant improvement throughout the day
Meridian	Good	Good	Moderate	Moderate in morning, improving in afternoon
Nampa	Moderate	Moderate	Moderate	No significant improvement throughout the day
Lowman	Moderate	USG	Moderate	Good in the morning, trending to USG in afternoon
Stanley	Moderate	Moderate	Moderate	Good in morning, trending to Moderate in afternoon

Sites without a monitor

Site	Today	Tomorrow	Smoke Notes
Lucky Peak Rec. Area	Unhealthy	USG	USG in the afternoon
Garden Valley ICP/Helibase	Moderate	USG	No significant improvement throughout the day

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

USG – Unhealthy for Sensitive Groups

Other Websites with Smoke Related Information

For areas without a monitor use the Visibility method to help protect your health from Smoke:

<https://nmtracking.org>

Information about Wildfire Smoke and Your Health: <http://www.cdc.gov/features/wildfires/>

Real time monitoring data – circles and triangles correspond to color-coded Air Quality Index:

<http://smoke.airfire.org/monitoringReport/#/?date=LATEST&productType=plotTable>

Idaho Smoke Blog: <https://idsmoke.blogspot.com>

