

FIRE, WEATHER AND SMOKE SYNOPSIS

Weather: Rain overnight helped scrub smoke out of the air bringing clearer conditions into some areas. Today strong gusty winds associated with a cold front will move into the area with continued dry, unstable conditions. SW winds will push smoke away from West Yellowstone, Duck Creek and Madison Junction areas.

Fire Activity: With less smoke cover over the Maple Fire this morning fire activity is expected to start earlier in the day. Weather conditions will create a potential for extreme fire behavior.

Smoke Summary: Good air quality in West Yellowstone today; smoke may return early tomorrow but is not expected to last past mid-morning. In the Duck Creek area smoke will follow up valley winds this morning bringing concentrations briefly to Very Unhealthy levels, clearing by late morning. Mammoth may see hazy conditions today with smoke reaching Unhealthy levels by late afternoon, clearing overnight.

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 | Some haze from upwind fires but overall Good air quality |
| Duck Creek | Very Unhealthy | USG | Unhealthy | Smoke reaching Unhealthy this morning, clearing to Good after mid-morning. |
| Mammoth | Moderate | USG | USG | Hazy today with smoke reaching Unhealthy levels late this afternoon, dissipating over night |
| W.Yellowstone | Moderate | Good | Moderate | Good air quality today |

Sites without a monitor – estimated outlook

| Site | Today | Tomorrow | Smoke Notes |
|------------------|-------|----------|--------------------------------|
| Madison Junction | Good | Moderate | Some haziness in the afternoon |
| Lake Junction | Good | Good | Light haze off and on today |

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>