

Fire, Weather and Smoke Synopsis

Red flag weather conditions today will bring enhanced fire activity. Small columns of smoke will develop late morning growing more prominently as the day warms and humidity drops. Just as was observed yesterday, expect to see large columns of smoke through the afternoon and into early evening. Southwest winds will carry the smoke towards the east and northeast. A short change in wind direction early Monday morning will push smoke to the southwest. This wind shift will be brief and return to SW winds by 9 am.

Laramie may see light smoke impacts beginning early in the afternoon with possible moderate air quality conditions early evening. Smoke will clear the area by early morning on Monday.

Fort Collins may see smoke drift from this during the early hours of Monday morning.

Air Quality Outlook (air quality outlooks for each day reflect a 24-hr average of smoke levels. Comments reflect times of day when there may be greater smoke impacts)

Sites with a smoke monitor				
Site	Yesterday	Today	Tomorrow	Worst Time of Day Impacts
Laramie	Good	Good	Good	Moderate: begin early evening clearing over night
Saratoga	Good	Good	Good	Possibly light smoke early Monday morning, clearing by 7 am
Fort Collins	Good	Good	Good	Moderate: 3-7 am heaviest, clearing by 9 am

Sites without a monitor that may see smoke impacts			
Site	Today	Tomorrow	Comments
Lake John	Good	Good	
North Sand Hills	Good	Good	
Walden	Good	Good	
Lake Owen	Good	Good	See Comments for Laramie
Rob Roy	Good	Good	See Comments for Laramie

Disclaimer: Conditions may change quickly. These predictions are based on anticipated weather and fire activity. AQI estimates for sites do not represent a full 24-hour time period. Instead they reflect a period of time within the day where smoke impacts would be greatest.

Air Quality Index (AQI) Levels of Health Concern	ACTIONS TO PROTECT YOURSELF
Good	None
Moderate	Highly smoke sensitive people should consider reducing prolonged or heavy outdoor exertion.
Unhealthy for Sensitive Groups	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion. Everyone else may find relief by limiting prolonged or heavy outdoor exertion.
Unhealthy	People within Sensitive Groups* should avoid all physical outdoor activity. Everyone else should avoid prolonged or heavy outdoor exertion.

* Sensitive Groups include people with heart or lung disease, children, pregnant women and older adults

Into on wildfire smoke and your health



Into on how to use Visibility to estimate health impacts from wildfire smoke

