



Smoke Outlook

New Mexico-Regional

5/23 - 5/24

Issued by Wildland Fire Air Quality Response Program on May 23, 2022 at 01:49 PM MDT

Special Statement

...Critical Fire Weather Conditions much of western NM Tuesday afternoon and evening... ..Scattered afternoon and evening thunderstorms over and near the Hermits Peak-Calf Canyon fire through Tuesday...

Fire

Hermits Peak-Calf Canyon: A series of cold fronts will impact the fire area later today into Tuesday. Cooler temperatures and increased humidity are expected along with a good chance of showers and thunderstorms. A transition back to drier and much warmer conditions by mid-week with increasing southwest winds Friday into the holiday weekend. **Black and Bear Trap Fires:** Fire weather concerns will increase through Tuesday. Breezy to windy southwest and west winds will shift to the northwest this evening before gradually diminishing tonight. Even stronger northwest winds are likely on Tuesday.

Smoke

A vast majority of the outlook area will continue to have GOOD air quality, except for areas near active fires. Smoke is expected to shift toward the east or southeast through the day and toward the south or southeast during the day Tuesday. Areas in and just north of Las Cruces may experience some light to moderate smoke as early as late tonight with increased potential for MODERATE impacts Tuesday morning. Elsewhere, there is potential for some smoke to push northeast toward the Middle Rio Grande Valley later today with moderate impacts for a brief period south of Albuquerque to Socorro. Some surface smoke may also get pushed into the Santa Fe area this evening or early tonight as southeast winds develop in wake of a backdoor cold front pushing into northeast areas of the state. See 'Actions to Protect Yourself' below and stay alert to changing conditions.



Daily AQI Forecast* for Tuesday --

Station	Yesterday			Sun 5/22	Comment for Today -- Mon, May 23	Forecast*	
	6a	noon	6p			Mon 5/23	Tue 5/24
Roswell	No hourly data			●	Overall GOOD conditions with some haze.	●	●
Cochiti Pueblo	[Bar chart showing AQI fluctuations]			●	Overall GOOD air quality conditions expected with hazy skies on Tuesday.	●	●
Los Alamos	No hourly data			●	Overall GOOD air quality conditions expected with hazy skies on Tuesday.	●	●
Albuquerque	[Bar chart showing AQI fluctuations]			●	Overall GOOD conditions with hazy skies through Tuesday.	●	●
Las Cruces	[Bar chart showing AQI fluctuations]			●	Overall GOOD conditions with brief moderate impacts early Tuesday morning.	●	●
Santa Fe	[Bar chart showing AQI fluctuations]			●	Overall GOOD air quality conditions expected with hazy skies especially Tuesday.	●	●

Issued May 23, 2022 by Kerry Jones (kerry.jones@usda.gov)

Air Quality Index (AQI)	Actions to Protect Yourself
● Good	None
● Moderate	Unusually sensitive individuals should consider limiting prolonged or heavy exertion.
● USG	People within Sensitive Groups* should reduce prolonged or heavy outdoor exertion.
● Unhealthy	People within Sensitive Groups* should avoid all physical outdoor activity.
● Very Unhealthy	Everyone should avoid prolonged or heavy exertion.
● Hazardous	Everyone should avoid any outdoor activity.

*Disclaimer: This forecast is based on fine particulates only; ozone is not included. Forecasts may be wrong; use at own risk. Use caution as conditions can change quickly. See your health professional as needed. Smoke sensitive groups should take appropriate precautions.

Additional Links

[Air Quality Alert](https://forecast.weather.gov/product.php?site=NWS&issuedby=ahh&prod=40&nl=smoke) -- <https://forecast.weather.gov/product.php?site=NWS&issuedby=ahh&prod=40&nl=smoke>

Additional Links



Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net
New Mexico-Regional Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/63a6f2d8>
*Smoke and Health Info -- www.airnow.gov/air-quality-and-health
