



# Smoke Outlook

## New Mexico-Regional

5/24 - 5/25

Issued by Wildland Fire Air Quality Response Program on May 24, 2022 at 01:16 PM MDT

### Special Statement

...Red Flag Warning much of western NM this afternoon and evening...

### Fire

A storm system along the NM/CO line will gradually shift eastward through tonight. Much cooler temperatures, increased humidity and scattered showers and thunderstorms will be found across north-central and northeast New Mexico while widespread critical fire weather conditions persist for southwest and south-central New Mexico. Going into Wednesday, a marked warming trend will commence with dry weather expected. The warming trend will continue Thursday with broadly lighter transport winds, especially for the west and south.

### Smoke

The most significant impacts within the outlook area will continue across portions of south-central and southwest New Mexico in the vicinity of the Black and Bear Trap fires and areas to the south and southeast. Of particular concern will be communities along the Lower Rio Grande Valley corridor to include Hatch, Radium Springs, and Las Cruces where brief periods of UNHEALTHY air quality can be expected. Meanwhile, much cooler temperatures (highs 15-25 degrees below normal), increased humidity and scattered showers and thunderstorms over and near the Hermits Peak - Calf Canyon fire will continue to significantly limit fire growth and smoke production. Any smoke will initially be transported toward the southeast but rain-cooled outflow winds from nearby thunderstorm activity will tend to push smoke more west and southwest.



Daily AQI Forecast\* for Wednesday --

Station	Yesterday			Mon 5/23	Comment for Today -- Tue, May 24	Forecast*	
	hourly					Tue 5/24	Wed 5/25
Los Alamos	6a	noon	6p	No hourly data	Overall GOOD air quality expected with some haze at times.	●	●
Cochiti Pueblo	[Bar chart showing AQI data]			●	Overall GOOD air quality expected with some haze at times.	●	●
Roswell	No hourly data				Overall GOOD air quality expected through at least Thursday.	●	●
Santa Fe	[Bar chart showing AQI data]			●	Overall GOOD air quality expected; potential for light smoke this evening.	●	●
Albuquerque	[Bar chart showing AQI data]			●	GOOD air quality expected thru Wed; Haze likely to increase again late week.	●	●
Las Cruces	[Bar chart showing AQI data]			●	Smoke impacts increasing thru tonight; brief periods of UNHEALTHY air quality.	●	●

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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 <b>reduce</b> prolonged or heavy outdoor exertion.
● Unhealthy	People within Sensitive Groups* should <b>avoid all</b> 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=abq&product=AQA&glossary=0>



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