



Smoke Outlook

New Mexico-Regional

5/29 - 5/30

Issued by Wildland Fire Air Quality Response Program on May 29, 2022 at 08:52 AM MDT

Special Statement

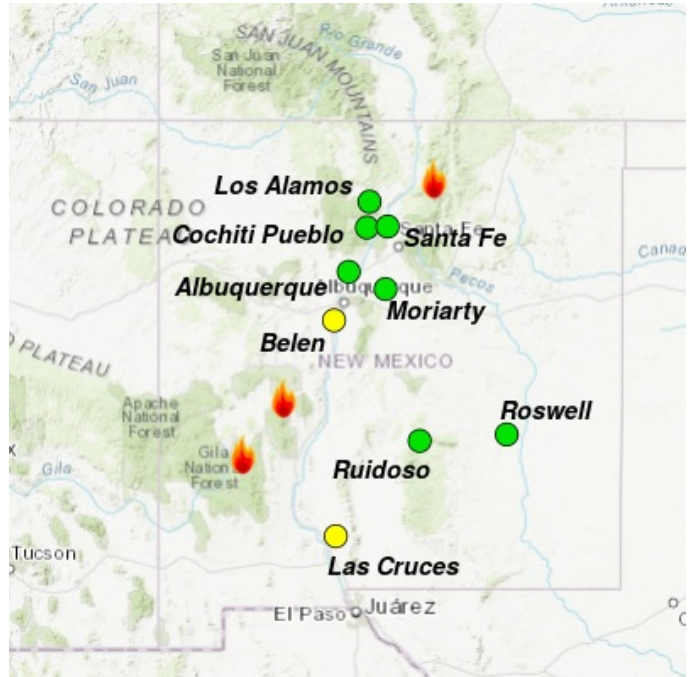
*****8-10 HOURS OF CRITICAL FIRE WEATHER CONDITIONS TODAY AND AGAIN MEMORIAL DAY *****

Fire

A critical fire weather pattern will continue across the outlook area today into Memorial Day. Strong southwest winds combined with very low humidity, above average temperatures and an increasingly unstable atmosphere will make today especially critical. Peak wind gusts of 40-55 mph are expected in the outlook region this afternoon and evening. Winds will not be quite as strong on Memorial Day into Tuesday but fire weather conditions will remain critical during the afternoon and evening. The weather pattern transitions to a much more favorable one for mid to late week with cooler temperatures, significant increases in moisture and precipitation chances.

Smoke

Smoke from the Black and Bear Trap fires will be transported toward the northeast or east-northeast during the next 24-36 hours. Downwind impacts will expand over the outlook area and shift slightly farther east than 24 hours ago. Dense, layered smoke plumes aloft will be most pronounced near Socorro, Sevilleta National Wildlife Refuge, Abo Pass, Gran Quivira, Mountainair, and Vaughn where air quality may, at times, reach UNHEALTHY levels for sensitive groups. Elsewhere, MODERATE impacts are generally expected along the Rio Grande Valley between Belen and Socorro. Haze and areas of blowing dust will also contribute to diminished air quality for many areas this afternoon and evening.



Daily AQI Forecast* for Sunday

Station	Yesterday			Sat 5/28	Comment for Today -- Sun, May 29	Forecast*	
	hourly					Sun 5/29	Mon 5/30
Moriarty	6a	noon	6p	●	MODERATE impacts possible afternoon and early evening through Memorial Day.	●	●
Roswell	No hourly data				Air quality will remain GOOD, overall, with some haze.	●	●
Ruidoso	No hourly data				Overall, GOOD air quality expected through Memorial Day.	●	●
Las Cruces	[Bar chart showing AQI fluctuations]			●	MODERATE air quality at times each afternoon and evening through Memorial Day.	●	●
Los Alamos	No hourly data				Air quality to remain GOOD with some haze at times.	●	●
Cochiti Pueblo	[Bar chart showing AQI fluctuations]			●	Air quality to remain GOOD, overall, with some haze.	●	●
Santa Fe	[Bar chart showing AQI fluctuations]			●	MODERATE impacts, at times, each afternoon and evening thru Memorial Day.	●	●
Albuquerque	[Bar chart showing AQI fluctuations]			●	Brief MODERATE impacts each afternoon and evening through Memorial Day.	●	●
Belen	No hourly data				Brief MODERATE impacts possible each afternoon and evening.	●	●

Issued May 29, 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=abq&product=AQA&glossary=0) -- <https://forecast.weather.gov/product.php?site=NWS&issuedby=abq&product=AQA&glossary=0>

[NMDOH Environmental Public Health Tracker](https://nmtracking.doh.nm.gov/newsroom/Introduction.html) -- <https://nmtracking.doh.nm.gov/newsroom/Introduction.html>



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