



# Smoke Outlook

## 5/21 - 5/22

### Eastern New Mexico Hermit's Peak Fire / Calf Canyon Fire

Issued by Wildland Fire Air Quality Response Program on May 21, 2022 at 07:32 AM MDT

#### Fire

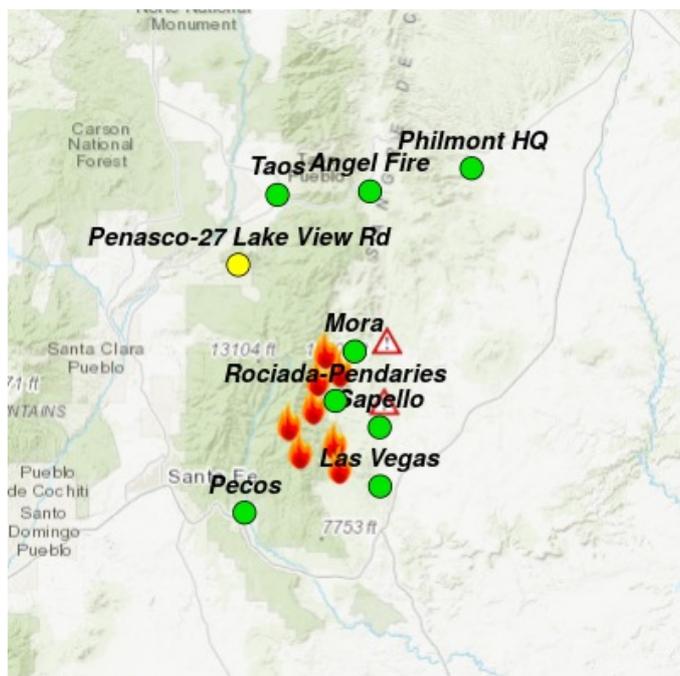
Hermit's Peak Fire ~ Calf Canyon Fire combined is currently at 306,472 acres with 40% containment.

#### Smoke

A backdoor cold front is forecast to push across the outlook area this afternoon into evening. This will bring easterly winds, cooler temperatures, and higher humidities to the region with the frontal passage. Model guidance has smoke pushing west into the Penasco and Taos areas by evening into the overnight hours and cleaning out by late morning as winds return to a more southwesterly direction. Models also suggest with the increase in humidities and lower temperatures there is potential for the formation of fog in the western portions of Colfax, Mora, San Miguel counties along with eastern Taos County. Caution is advised in the early morning hours Sunday due to possibility areas of smoke may interact with fog to create poor visibility on roadways. Overall air quality conditions are expected to be Good to Moderate through the afternoon across the outlook area.

#### Air Quality Alert

An Air Quality Alert is in effect for the region through 1 PM Sunday. Counties in the outlook area include: Taos, Colfax, Mora, and San Miguel counties.



Daily AQI Forecast\* for Sunday --

Station	Yesterday			Fri 5/20	Comment for Today -- Sat, May 21	Forecast*	
	hourly					Sat 5/21	Sun 5/22
Pecos	6a	noon	6p		Good AQ conditions today. Overnight/early morning smoke. Good AQ tomorrow.		
Las Vegas					Good AQ throughout outlook period.		
Sapello					Good AQ conditions throughout outlook period.		
Mora					Good AQ conditions overall for outlook period.		
Penasco-27 Lake View Rd					Good AQ conditions through afternoon. Possible smoke evening/overnight.		
Philmont HQ	No hourly data				Good AQ overall today with possible periods of smoke late afternoon.		
Taos Fire Station					Good AQ through afternoon. Smoke with Moderate AQ evening into night.		
Angel Fire-Flamingo Ln					Good AQ overall with possible periods of smoke afternoon into evening.		
Rociada-Pendaries	No hourly data				Good AQ overall today with period of smoke afternoon into evening.		

Issued May 21, 2022 by Bret Anderson (bret.a.anderson@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 <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

INCIWEB / Hermit's Peak Fire -- <https://inciweb.nwcg.gov/incident/8049/?fbclid=IwAROC6cDNm8IIxTPtKQedAfjdMkrAu6WCaD6wrNgfLfbkVrPEQXELpzgJk>  
NM Environment Fire Smoke -- <https://nmtracking.org/environment/air/FireAndSmoke.html>

AirNow / latest air quality conditions -- <https://www.airnow.gov/>

Weather Forecast / 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)

Eastern New Mexico Updates -- <https://outlooks.wildlandfiresmoke.net/outlook/6cfc6b93>

\*Smoke and Health Info -- [www.airnow.gov/air-quality-and-health](http://www.airnow.gov/air-quality-and-health)