



Smoke Outlook

5/22 - 5/23

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

Issued by Wildland Fire Air Quality Response Program on May 22, 2022 at 08:51 AM MDT

Fire

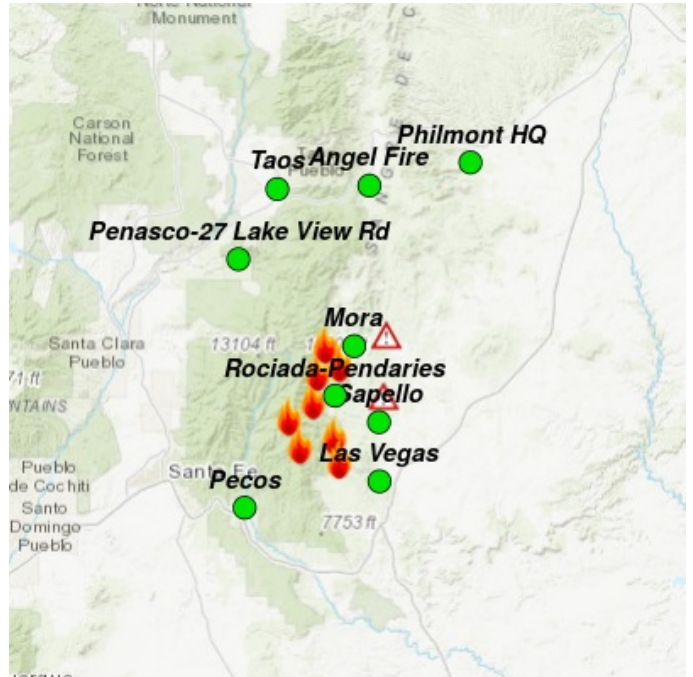
Hermit's Peak Fire ~ Calf Canyon Fire combined is currently at 310,016 acres with 40% containment.

Smoke

A backdoor cold front pushed across the outlook area yesterday evening, bringing cooler temperatures, and higher humidities to the region with the frontal passage. Light to moderate SSW transport winds are forecast to develop by this afternoon. It is anticipated that smoke production will be limited today due to the moderated conditions. Overall air quality conditions are expected to be Good with limited periods of Moderate across the outlook area for today into tomorrow. Another cold front is forecast to enter northern and central New Mexico tomorrow evening, bringing another flow reversal into the area, which could push what limited smoke is produced back into the NM 518 corridor.

Air Quality Alert

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



Daily AQI Forecast* for Monday --

Station	Yesterday hourly			Sat 5/21	Comment for Today -- Sun, May 22	Forecast*	
	6a	noon	6p			Sun 5/22	Mon 5/23
Pecos					Good AQ conditions today.		
Las Vegas					Good AQ throughout outlook period.		
Sapello					Good AQ conditions throughout outlook period.		
Mora					Good AQ conditions overall for outlook period.		
Philmont HQ	No hourly data				Good AQ overall today with possible periods of smoke late afternoon.		
Taos Fire Station					Good AQ throughout outlook period.		
Penasco-27 Lake View Rd					Good AQ conditions throughout outlook period.		
Rociada-Pendaries	No hourly data				Good AQ overall with possible periods of Moderate throughout outlook period.		
Angel Fire-Flamingo Ln					Good AQ overall throughout outlook period.		

Issued May 22, 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 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

- INCIWEB / Hermit's Peak Fire -- <https://inciweb.nwcg.gov/incident/8049/?fbclid=IwAR0C6cDNm8lIXTPtKQedAfjdMkrAu6WCaD6wrNgfLEbKvRPEQXELpzgcJk>
- AirNow / latest air quality conditions -- <https://www.airnow.gov/>
- NM Environment Fire Smoke -- <https://nmtracking.org/environment/air/FireAndSmoke.html>
- Weather Forecast / Air Quality Alert -- <https://forecast.weather.gov/product.php?site=NWS&issuedby=abq&product=AQA&glossary=0>