**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.

<table>
<thead>
<tr>
<th>Station</th>
<th>Yesterday hourly</th>
<th>Sat 5/22</th>
<th>Sun 5/23</th>
<th>Mon 5/23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pecos</td>
<td>6a noon 6p</td>
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<td>Las Vegas</td>
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<td>Sapello</td>
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<td>Mora</td>
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<tr>
<td>Philmont HQ</td>
<td>No hourly data</td>
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<tr>
<td>Taos Fire Station</td>
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<tr>
<td>Penasco-27 Lake View Rd</td>
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<tr>
<td>Rociada-Pendaries</td>
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<tr>
<td>Angel Fire-Flamingo Ln</td>
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</tr>
</tbody>
</table>

Good AQ conditions today. Good AQ overall today with possible periods of smoke late afternoon.

Good AQ overall with possible periods of Moderate throughout outlook period.

Good AQ overall with possible periods of smoke late afternoon.

Good AQ overall through outlook period.

Good AQ overall throughout outlook period.

Good AQ overall with possible periods of smoke late afternoon.

Good AQ overall with possible periods of smoke late afternoon.

Good AQ overall with possible periods of smoke late afternoon.

Good AQ overall with possible periods of smoke late afternoon.

Good AQ overall with possible periods of smoke late afternoon.

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 / Hermits Peak Fire -- https://inciweb.nwcg.gov/incident/8049/?fbclid=IwAR0C6cDNm8lIXTPH9QeW8l9fjU3RjLg6lXWcAdb6nNgfLLEkVrFQXELp9gck

NM Environment Fire Smoke -- https://nmtracking.org/environment/fire/FireAndSmoke.html

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


Issued by Interagency Wildland Fire Air Quality Response Program -- www.wildlandfiresmoke.net

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

Smoke and Health Info -- www.airnow.gov/air-quality-and-health