April 2024 was dry for the vast majority of the area. The exception was along the Caprock where a few storms brought moderate to locally heavy rainfall. There was one notable snowfall event in the Sangre de Cristo Mountains that brought around a foot of fresh snow to Taos Ski Valley early in the month. Temperatures were above normal across the north while near to slightly below normal temperatures prevailed across the south and west. April was primarily dominated by several bouts of strong winds and critical fire weather. Wind gusts between 60 and 70 mph were reported on several days. Strong winds and very dry conditions around Roswell resulted in several more blowing dust events on the southwest side of town including points south toward Hagerman.
April 2024

The April 2024 average statewide temperature was 53.4°, which was 2.0° above the long-term normal of 51.4° (1901-2000). This ranked as the 29th warmest April on record (1895-2024).

The April 2024 average statewide precipitation was 0.37”, which was 0.38” below the long-term normal of 0.75” (1901-2000). This ranked as the 39th driest April on record (1895-2024).
Total Monthly Precipitation - April 2024

Inches

- 0.00
- 0.01 - 0.09
- 0.10 - 0.24
- 0.25 - 0.49
- 0.50 - 0.99
- 1.00 - 1.49
- 1.50 - 1.99
- 2.00 - 2.99
- 3.00 - 3.99
- 4.00 - 5.99
- 6.00 - 7.99
- 8.00 - 9.99
- 10.00 - 14.99
- 15.00 - 19.99
- 20.00 - 29.99
- 30.00 - 50.00

Created by the NWS Forecast Office, Albuquerque, NM.

Source: NWS Advanced Hydrologic Prediction System

Created: 05/01/2024 2000 UTC
Drought conditions in April improved slightly across southern NM and along the Continental Divide. There was very little change across the north and east.
Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 1 May 2024. Anomalies are computed with respect to the 1991-2020 base period weekly means.

Figure 3. Area-averaged upper-ocean heat content anomaly (°C) in the equatorial Pacific (5°N-5°S, 180°-100°W). The heat content anomaly is computed as the departure from the 1991-2020 base period pentad means.

Figure 4. Depth-longitude section of equatorial Pacific upper-ocean (0-300m) temperature anomalies (°C) centered on the pentad of 28 April 2024. Anomalies are departures from the 1991-2020 base period pentad means.

Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 19 April 2024 by the International Research Institute (IRI) for Climate and Society.
The outlook through late spring and early summer favors above normal temperatures and below normal precipitation across all of NM.
The April 2024 average temperature for Albuquerque was 56.9°, which was 0.1° above the normal of 56.8°. The average maximum temperature for the month was 70.8°. This was 0.5° above the normal average maximum temperature of 70.3°. The average minimum temperature for the month was 42.9°. This was 0.3° below the normal average minimum temperature of 43.2°. This ranked as the 41st warmest April on record.
The April 2024 precipitation for Albuquerque was 0.33”, which was 0.18” below the normal of 0.51”. This ranked as the 61st driest April on record.

There was a trace of snow, compared to the normal of 0.3”.
The April 2024 average temperature for Clayton was 54.4°, which was 2.4° above the normal of 52.0°. The average maximum temperature for the month was 69.2°. This was 1.9° above the normal average maximum temperature of 67.3°. The average minimum temperature for the month was 39.5°. This was 2.7° above the normal average minimum temperature of 36.8°. This ranked as the 24th warmest April on record.
The April 2024 precipitation for Clayton was 0.86”, which was 0.26” below the normal of 1.12”. This ranked as the 66th driest April on record.

There was 0.0” of snow, compared to the normal of 1.3”.
The April 2024 average temperature for Roswell was 63.5°, which was 0.3° above the normal of 63.2°. The average maximum temperature for the month was 79.9°. This was 0.5° above the average maximum temperature of 79.4°. The average minimum temperature for the month was 47.1°. This was 0.1° above the normal average minimum temperature of 47.0°. This ranked as the 20th warmest April on record.
The April 2024 precipitation for Roswell was 0.14”, which was 0.43” below the normal of 0.57”. This ranked as the 44th driest April on record.

There was 0.0” of snow, compared to the normal of 0.0”.
<table>
<thead>
<tr>
<th>Event Type</th>
<th>Begin Date</th>
<th>County Name</th>
<th>Magnitude</th>
<th>Type</th>
<th>Event Narrative</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Wind</td>
<td>4/1/2024</td>
<td>CHAVES COUNTY PLAINS</td>
<td>52 kt</td>
<td>Gust</td>
<td>The Roswell ASOS measured a peak wind gust of 61 mph.</td>
</tr>
<tr>
<td>Dust Storm</td>
<td>4/1/2024</td>
<td>CHAVES COUNTY PLAINS</td>
<td></td>
<td></td>
<td>Emergency management shared photos of near zero visibility from blowing dust.</td>
</tr>
<tr>
<td>Heavy Snow</td>
<td>4/1/2024</td>
<td>NORTHERN SANGRE DE CRISTO MOUNTAINS</td>
<td>13 &quot;</td>
<td></td>
<td>Taos Ski Valley reported 13 inches of snowfall. Surounding reports in the</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>forecast zone ranged from 3 to 8 inches.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/5/2024</td>
<td>NORTHWEST PLATEAU</td>
<td>50 kt</td>
<td>Gust</td>
<td>A high wind gust of 58 mph was observed at the Farmington Four Corners</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Regional Airport.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/5/2024</td>
<td>WEST CENTRAL PLATEAU</td>
<td>52 kt</td>
<td>Gust</td>
<td>A wind gust of 60 mph was observed at the Gallup Municipal Airport.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/5/2024</td>
<td>LOWER RIO GRANDE VALLEY</td>
<td>52 kt</td>
<td>Gust</td>
<td>A mesonet station at Sevilleta northeast of Socorro observed a wind gust of 60</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/5/2024</td>
<td>UNION COUNTY</td>
<td>51 kt</td>
<td>Gust</td>
<td>A 59 mph wind gust was observed at the Clayton Municipal Airport.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>GLORIETA MESA INCLUDING GLORIETA PASS</td>
<td>52 kt</td>
<td>Gust</td>
<td>The I-25 NMDOT sensor at Rowe observed a peak wind gust at 60 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>NORTHERN SANGRE DE CRISTO MOUNTAINS</td>
<td>60 kt</td>
<td>Gust</td>
<td>The public weather station on Kachina Peak at Taos Ski Valley observed a peak</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>wind gust of 69 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/7/2024</td>
<td>EAST SLOPES SANGRE DE CRISTO MOUNTAINS</td>
<td>68 kt</td>
<td>Gust</td>
<td>A wunderground station at Upper Rociada observed a peak wind gust of 78 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>SANTA FE METRO AREA</td>
<td>53 kt</td>
<td>Gust</td>
<td>The I-25 NMDOT sensor at La Bajada Hill observed a wind gust of 61 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>SANDIA/MANZANO MTS INCLUDING EDGWOOD</td>
<td>56 kt</td>
<td>Gust</td>
<td>A wunderground station at Sandia Airpark near Edgewood observed a peak wind</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>gust of 65 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>ESTANCIA VALLEY</td>
<td>50 kt</td>
<td>Gust</td>
<td>A wunderground station near Estancia Valley observed a wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>CENTRAL HIGHLANDS</td>
<td>56 kt</td>
<td>Gust</td>
<td>The Clines Corners ASOS observed a peak wind gust of 64 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>SOUTH CENTRAL MOUNTAINS</td>
<td>63 kt</td>
<td>Gust</td>
<td>Nogal observed a peak wind gust of 72 mph, resulting in 2 power line wires</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>down and 111 customers without power.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>FAR NORTHEAST HIGHLANDS</td>
<td>55 kt</td>
<td>Gust</td>
<td>The Raton Airport ASOS observed a peak wind gust of 63 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>NORTHEAST HIGHLANDS</td>
<td>65 kt</td>
<td>Gust</td>
<td>A wunderground station at Esperanza Sol y Paz southeast of Las Vegas observed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>a peak wind gust of 75 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>UNION COUNTY</td>
<td>58 kt</td>
<td>Gust</td>
<td>The mesonet southwest of Clayton observed a peak wind gust of 67 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>HARDING COUNTY</td>
<td>50 kt</td>
<td>Gust</td>
<td>A wunderground station at Hartley Ranch observed a wind gust of 58 mph.</td>
</tr>
</tbody>
</table>

*Storm reports are considered preliminary until a final review is certified in the NWS Storm Data publication. Certified data is available three to four months post-event at: [https://www.ncdc.noaa.gov/stormevents/](https://www.ncdc.noaa.gov/stormevents/)
### Preliminary Weather Reports*

<table>
<thead>
<tr>
<th>Event Type</th>
<th>Begin Date</th>
<th>County Name</th>
<th>Magnitude</th>
<th>Type</th>
<th>Event Narrative</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>EASTERN SAN MIGUEL COUNTY</td>
<td>51 kt</td>
<td>Gust</td>
<td>A wunderground station just south of Conchas Lake observed a wind gust of 59 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>GUADALUPE COUNTY</td>
<td>58 kt</td>
<td>Gust</td>
<td>The mesonet stations southeast of Vaughn and east of Puerto de Luna both observed peak wind gusts of 67 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>QUAY COUNTY</td>
<td>53 kt</td>
<td>Gust</td>
<td>A peak wind gust of 61 mph was observed at the Tucumcari Municipal Airport.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>CURRY COUNTY</td>
<td>58 kt</td>
<td>Gust</td>
<td>St. Vrain area peak wind gust of 67 mph, resulting in downed powerlines on State Route 311 according to the Clovis FD.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>ROOSEVELT COUNTY</td>
<td>50 kt</td>
<td>Gust</td>
<td>A peak wind gust of 58 mph was observed at the Roosevelt SWCD, Dora, and Melrose Gun Range, respectively.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/6/2024</td>
<td>DE BACA COUNTY</td>
<td>56 kt</td>
<td>Gust</td>
<td>A mesonet station east of Fort Sumner observed a peak wind gust of 65 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>SOUTHWEST MOUNTAINS</td>
<td>70 kt</td>
<td>Gust</td>
<td>The Magdalena Ridge Observatory observed a peak wind gust of 81 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>SANTA FE METRO AREA</td>
<td>50 kt</td>
<td>Gust</td>
<td>The Santa Fe Airport observed a peak wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>CENTRAL HIGHLANDS</td>
<td>50 kt</td>
<td>Gust</td>
<td>The Clines Corners ASOS observed a peak wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>SOUTH CENTRAL MOUNTAINS</td>
<td>58 kt</td>
<td>Gust</td>
<td>The Sierra Blanca Airport observed a peak wind gust of 67 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>NORTHEAST HIGHLANDS</td>
<td>50 kt</td>
<td>Gust</td>
<td>A public weather station southeast of Las Vegas observed a peak wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>GUADALUPE COUNTY</td>
<td>56 kt</td>
<td>Gust</td>
<td>A mesonet station southeast of Vaughn observed a peak wind gust of 65 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/15/2024</td>
<td>CHAVES COUNTY PLAINS</td>
<td>59 kt</td>
<td>Gust</td>
<td>The Roswell Airport observed a peak wind gust of 68 mph. Blowing dust also reduced visibility to one statute mile at the airport.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/16/2024</td>
<td>JEMEZ MOUNTAINS</td>
<td>50 kt</td>
<td>Gust</td>
<td>The Los Alamos Airport measured a peak wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/16/2024</td>
<td>GUADALUPE COUNTY</td>
<td>57 kt</td>
<td>Gust</td>
<td>A mesonet station southeast of Vaughn, NM measured a peak wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>WEST CENTRAL PLATEAU</td>
<td>55 kt</td>
<td>Gust</td>
<td>The ASOS at the Gallup Municipal Airport measured a wind gust of 63 mph during a cold front passage.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>CENTRAL HIGHLANDS</td>
<td>36 kt</td>
<td>Gust</td>
<td>A wunderground station just north of Corona measured high sustained winds peaking at 42 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>UPPER TULAROSA VALLEY</td>
<td>50 kt</td>
<td>Gust</td>
<td>The Pole 616 mesonet at White Sands Missile Range measured a wind gust of 58 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>SOUTH CENTRAL MOUNTAINS</td>
<td>55 kt</td>
<td>Gust</td>
<td>A mesonet station in Nogal measured a peak wind gust of 63 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>NORTHEAST HIGHLANDS</td>
<td>43 kt</td>
<td>Sustained</td>
<td>A wunderground station south of Las Vegas measured high sustained winds peaking at 49 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>UNION COUNTY</td>
<td>52 kt</td>
<td>Gust</td>
<td>The ASOS at the Clayton Municipal Airport measured a wind gust of 60 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>GUADALUPE COUNTY</td>
<td>50 kt</td>
<td>Gust</td>
<td>Santa Rosa area measured a peak wind gust of 58 mph and high sustained winds peaking at 40 mph.</td>
</tr>
<tr>
<td>High Wind</td>
<td>4/25/2024</td>
<td>CHAVES COUNTY PLAINS</td>
<td>65 kt</td>
<td>Gust</td>
<td>Roswell Air Center peak wind gust of 75 mph. Blowing dust with visibility at the Roswell Air Center as low as 3 statute miles.</td>
</tr>
</tbody>
</table>

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