Albuquerque WEATHER FORECAST OFFICE

Weekly Weather Briefing
June 7, 2021

ISOLATED STORMS IN NE NEW MEXICO TODAY AND THEN HOT

Alamo Canyon Flash Flood - Lincoln Co
Photo Credit: Scott Overpeck
June 2, 2021

Flash Flooding Orchard Park Rd, Roswell, NM
Photo Credit: Scott Overpeck
June 2, 2021
## CoCoRaHS Reports for Past Week

### Valid: June 1 - June 7, 2021

<table>
<thead>
<tr>
<th>Station</th>
<th>Precipitation (in)</th>
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<tbody>
<tr>
<td>Albuquerque 2.9 W</td>
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<tr>
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<td>Santa Fe 2.9 ENE</td>
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<td>NWS Albuquerque (NM-BR-292)</td>
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### Observed Precipitation

Valid Ending Monday June 7, 2021 at 9 AM MDT

- **Up to 0.1 inch**
- 0.1 to 0.25 inches
- 0.26 to 0.5 inches
- 0.5 to 1.0 inches
- 1.0 to 1.5 inches
- 1.5 to 2.0 inches
- 2.0 to 3.0 inches
- 3.0 to 4.0 inches
- 4.0 to 6.0 inches
- 6.0 to 8.0 inches
- 8.0 to 10 inches
- 10.0 to 15 inches
- 15.0 to 20 inches
- 20.0 to 30 inches
- 30.0 to 50 inches

Graphic Created
June 7th, 2021
10:17 AM MDT

www.weather.gov/abq
**Weekly Weather Briefing**

**Temperature and Precipitation Outlook**

<table>
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<tr>
<th>Location</th>
<th>Monday 6/7</th>
<th>Tuesday 6/8</th>
<th>Wednesday 6/9</th>
<th>Thursday 6/10</th>
<th>Friday 6/11</th>
<th>Saturday 6/12</th>
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**High Temps:** Albuquerque Sunport had its first 90 degree day, Roswell had its first 100 degree day this weekend. The heat will continue through this week with temperatures back into the 90s/100s.

**Precipitation:** Across the region, chances are relatively low, with strong/severe thunderstorms favoring the NE plains today. Small thunderstorm chances are back in the forecast for the weekend, mainly for eastern NM.
**Weekly Weather Briefing**

**Severe Thunderstorm Risk for Monday**

**Hazards**
- Chance
- Chance
- Chance

**Timing**
- Through 9pm MDT

**Location**
- Far East Central and Northeast NM

**Forecast Confidence**
- Low
- High

**Actions**
- Keep an eye on weather conditions and be prepared to seek shelter should a warning be issued!
### Understanding Severe Thunderstorm Outlook Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
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<tbody>
<tr>
<td>1 (MRGL)</td>
<td>Marginal</td>
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<tr>
<td>2 (SLGT)</td>
<td>Slight</td>
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<tr>
<td>3 (ENH)</td>
<td>Enhanced</td>
</tr>
<tr>
<td>4 (MDT)</td>
<td>Moderate</td>
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<tr>
<td>5 (HIGH)</td>
<td>High</td>
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</tbody>
</table>

**General Thunder**
- Severe* Storms are not expected.
- Any thunderstorms could still produce gusty winds and small hail.
- Similar to storms your area experiences many times per year.
- Similar to storms your area may experience several times per year.

**Marginal (MRGL)**
- Isolated Severe Storms are Possible.
- Isolated to Scattered Severe Storms are Possible.
- Similar to storms your area may experience a few times per year.
- Similar to intense storms your area may experience only once or twice per year.

**SLIGHT (SLGT)**
- Severe storms will produce very large hail, damaging winds, and/or tornadoes.
- Scattered to Numerous Severe Storms are Expected.
- Similar to intense storms your area may experience only once per year or less.

**Enhanced (ENH)**
- Several severe storms will produce very large hail, damaging winds, and/or tornadoes.
- Scattered to Numerous Severe Storms are Expected.
- Similar to intense storms your area may experience only once per year or less.

**Moderate (MDT)**
- Many severe storms will produce very large hail, damaging winds, and/or tornadoes.
- Scattered to Numerous Severe Storms are Expected.
- Similar to intense storms your area may experience only once per year or less.

**High (HIGH)**
- Severe storm outbreak will produce tornadoes, damaging winds, and/or very large hail.
- Numerous Severe Storms are Expected.
- Very Intense Storms are Expected.

*Severe storms don't care which category they are in. Severe weather is a threat in ALL of the numbered categories mentioned above.*

All thunderstorm categories imply lightning and the potential for flooding.

*NWS defines a severe thunderstorm as measured wind gusts of at least 58 mph, and/or hail of at least one inch in diameter, and/or a tornado.*

Categories are tied to the probability of a severe weather event within 25 miles of your location.

No matter the category, ALWAYS:
- Keep a watch on changing conditions. Monitor trusted weather sources.
- Ensure multiple ways of receiving weather warnings at ALL times day or night.
- Have a plan! Be ready to take shelter immediately.
- Be Weather-Ready! Things can go from bad to worse rapidly.
Heat Risk Highest Tuesday Through Thursday

- High temperatures will be in the 80s/90s for a lot of areas but 100s in E NM for Tuesday, Wednesday and Thursday.
- A week ago high temperatures were in the 70s/80s so people will not be used to the early/mid June heat with temperatures in the 90s/100s.
- Heat Safety Tips:
  - Drink lots of water
  - Take lots of breaks if engaged in outdoor activities
  - Wear loose fitting clothing
  - Check on vulnerable people like elderly or those without A/C
  - Never leave anyone inside a vehicle even for a moment! That includes people and pets!
Hazards and Potential Impacts

STRONG TO SEVERE STORMS (EC/NE)

Upper Level Forecast Chart Valid Midnight MT

- Strong to severe storms possible across northeast/east central NM into the early evening hours | Large hail, frequent lightning, and strong winds
- Otherwise, quiet weather across the west, but smoke will move in once again.
Smoke from active Telegraph and Mescal fires in AZ will move into NM again tonight. Expect smoke/haze again Tuesday morning.

This may be common through much of the week.
Hazards and Potential Impacts

HEAT IMPACTS

- Increasing SW flow aloft with upper level high pressure building over W TX
- Breezy with high temperatures in the 90s for the Rio Grande Valley, 100s Eastern NM
**Hazards and Potential Impacts**

**HEAT IMPACTS**

**Upper Level Forecast Chart Valid 3pm MT**

- Upper level high pressure builds over Big Bend of TX with less SW wind flow aloft
- One of the hottest days of the week with high temperatures in the 90s for RGV, 100s for much of E NM
Hazards and Potential Impacts

HEAT IMPACTS

- Upper level high pressure slides south over northern Mexico as a disturbance passes over N Rockies allowing for more SW flow aloft.
- Most likely the hottest day of the week with high temperatures in the 90s for RGV, 100s for much of E NM.
Hazards and Potential Impacts

HOT BUT NOT AS HOT

Upper Level Forecast Chart Valid 3pm MT

- Upper level high pressure flattens and is not quite as strong over northern Mexico
- Still a hot day but may not be as hot as Wednesday or Thursday due to cold front moving into eastern NM
- High temperatures in the 90s for RGV but 90s mixed with 100s for E NM with Roswell still above 100°
Weekly Weather Briefing

Extremely Dry This Week

Tuesday

Wednesday

Thursday

Friday
Saturday & Sunday: Upper level high pressure builds up over New Mexico with some left over moisture to support an isolated storm in the higher terrain and eastern NM. High temperatures will continue to be on the hot side.
Weekly Weather Briefing

8-14 Day Temp/Precip Outlooks (Climate Prediction Center)
Heat Impacts: Vulnerable Populations

Everyone is at risk from the dangers of extreme heat, but these groups are more vulnerable than most. Age and certain conditions make the body less able to regulate temperature.

- **PREGNANT**
  - NEVER leave anyone alone in a closed car
  - Drink plenty of water, even if not thirsty
- **NEWBORNS**
  - Use air conditioners and stay in the shade
  - Wear loose-fitting, light-colored clothing
- **CHILDREN**
- **ELDERLY**
- **CHRONIC ILLNESS**
### Potential Impacts Color Table

- **Limited (Common)**
- **Minor (Common)**
- **Moderate (Uncommon)**
- **High (Rare Event)**
- **Extreme (Very Rare Event)**

**Important:** Weather conditions and forecasts can change significantly in a short period of time. Please stay up-to-date at weather.gov/abq. This product is for situational awareness and is intended to be used alongside more detailed forecast products.