High Water Mark Levels

Gallinas Creek

Ash Laden Water from Sebastian Canyon

Confluence of Gallinas Creek and Cañada de Cerro Colorado (Sebastian Canyon)

Permission Granted to NWS Albuquerque
| Ben Gillock
Weekly Weather Briefing
Cañada de Cerro Colorado and Gallinas Creek

Gallinas Creek Above Montezuma (AHPS)
### CoCoRaHS Reports for Past Week

**Valid: June 20 - 27, 2022**

<table>
<thead>
<tr>
<th>Station</th>
<th>Precipitation (in)</th>
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<td>Polvadera</td>
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<tr>
<td>Capitan 4.3 WSW</td>
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<tr>
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<tr>
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<td>Edgewood 1.8 SSE</td>
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**Graphic Created:**
June 27th, 2022
10:25 AM MDT
At the initial flood stage of 19.5 feet, the water level in the Lower Rio Puerco will begin to threaten several homes and structures in the village of San Francisco between Interstate 25 and the Rio Grande. Further rises in water levels would begin to flood the village of San Francisco.

The last time the water level reached 19.5 feet in the Rio Puerco near Bernardo was Aug. 10, 2006.
**Temperature and Precipitation Outlook**

### Albuquerque

<table>
<thead>
<tr>
<th>Location</th>
<th>Monday 6/27</th>
<th>Tuesday 6/28</th>
<th>Wednesday 6/29</th>
<th>Thursday 6/30</th>
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<td>79</td>
<td>81</td>
<td>80</td>
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</tbody>
</table>

- **Precipitation:** Active pattern continues through the week, although storm coverage will lower Wed and Thur
- **High Temps:** WELL BELOW NORMAL today | Slight warming for midweek, but still remaining below average

[www.weather.gov/abq](http://www.weather.gov/abq)
Weekly Weather Briefing

WPC: Flash Flood Risk (Excessive Rainfall Outlooks)

Greatest Flash Flood Risk Today/Tonight

A More Limited Risk for Tuesday/Tuesday Night

www.weather.gov/abq
Weekly Weather Briefing

Unseasonably Chilly Start to the Week!

**Difference from Climo**

Valid: June 27, 2022

**Monday**

- Albuquerque: -10°
- Raton Capulin: -15°
- Red River: -17°
- Santa Fe: -18°
- Grants: -13°
- Los Alamos: -19°
- Cuba: -25°
- Clayton: -24°
- Raton: -24°
- El Morro: -13°
- Gallup: -9°

**Difference from Climo**

Valid: June 30, 2022

**Thursday**

- Albuquerque: -6°
- Raton Capulin: 2°
- Red River: 0°
- Santa Fe: -3°
- Grants: -1°
- Los Alamos: -4°
- Cuba: -1°
- Clayton: 1°
- El Morro: 12°
- Gallup: 5°

www.weather.gov/abq
Tonight

Hazards and Potential Impacts

LOCALLY HEAVY RAINFALL CAPABLE OF FLASH FLOODING, ESPECIALLY ON SCARS

Upper Level Forecast Chart Valid Midnight MT

- Upper high in Great Basin will allow for north → south storm motion in northern NM | Activity will likely move west → east across southern NM
- Showers/storms will likely diminish by midnight north of Interstate 40 | Persistent overnight south of Interstate 40
- With abundant moisture still in place, locally heavy rainfall will remain a concern, especially for wildfire burn scars
Hazards and Potential Impacts

LOCALLY HEAVY RAINFALL CAPABLE OF FLASH FLOODING, ESPECIALLY ON SCARS

Upper Level Forecast Chart Valid 3pm MT

- High pressure drifts into the Four Corners region, allowing slow steering flow for storms from north → south
- Best chances for showers and thunderstorms will be over the high terrain, particularly south of Interstate 40
- Given slower storm motions, the potential for locally heavy rainfall remains in place → persistent burn scar flash flood/debris flow risk
Hazard and Potential Impacts

**ISOLATED BURN SCAR FLASH FLOOD THREAT**

**Wednesday**

Upper Level Forecast Chart Valid 3pm MT

- High pressure drifts over New Mexico, resulting in lower precipitation chances and warmer temperatures.
- Best chances for isolated to scattered showers and thunderstorms will be over the higher terrain.
- Slow southwest → northeast storm motions may still produce locally heavy rainfall and a risk for burn scar flash flooding.
Hazards and Potential Impacts

**ISOLATED BURN SCAR FLASH FLOOD THREAT**

- Upper level high still has its influence over New Mexico
- Best chances for isolated to scattered showers and thunderstorms across western and central NM, with the greatest chances over the higher terrain
- Storm motions generally west → east across western and central NM
- Locally heavy rainfall will result in a risk for burn scar flash flooding and debris flows
Hazards and Potential Impacts

**LOCALLY HEAVY RAINFALL CAPABLE OF FLASH FLOODING, ESPECIALLY ON SCARS**

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

- Uptick in storm coverage on Friday as moisture levels increase once again
- Greatest chances remain over the high terrain, with storm motions west → east throughout western NM and southwest → northeast over eastern NM
- Elevated risk for burn scar flash flooding and debris flows, especially on the recent wildfire footprints
This weekend will look fairly similar to Friday although an easterly wave will track across northern Mexico and southern NM on Sunday. This could enhance the risk for showers and thunderstorms across the region. Highs will remain below normal during this period due to increased cloud cover and precipitation chances.
Weekly Weather Briefing
8-14 Day Temp/Precip Outlooks (Climate Prediction Center)

8-14 Day Temperature Outlook
Valid: July 4 - 10, 2022
Issued: June 26, 2022

8-14 Day Precipitation Outlook
Valid: July 4 - 10, 2022
Issued: June 26, 2022
## Thunderstorm Threat Guidance

**Northern Group**
- Calf Canyon/Hermits Peak (2022)
- Cerro Pelado (2022)
- Cooks Peak (2022)
- Luna (2020)
- Medio (2020)

**STORM MOTION (mph)**
- Calf Canyon/Hermits Peak: High
- Cerro Pelado: Very High
- Cooks Peak: High
- Luna: Very High
- Medio: Very High

**MOISTURE CONTENT**
- Father High

<table>
<thead>
<tr>
<th>Northern Group</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>Calf Canyon/Hermits Peak</td>
<td>Very High</td>
<td>High</td>
<td>Slight</td>
<td>Moderate</td>
<td>High</td>
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<tr>
<td>Cerro Pelado (2022)</td>
<td>Very High</td>
<td>Moderate</td>
<td>Slight</td>
<td>Moderate</td>
<td>Moderate</td>
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<td>Slight</td>
<td>Moderate</td>
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<td>Luna (2020)</td>
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<td>Moderate</td>
<td>High</td>
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<td>Medio (2020)</td>
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<td>Slight</td>
<td>Moderate</td>
<td>High</td>
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<table>
<thead>
<tr>
<th>Storm Motion (mph)</th>
<th>NE 5-10</th>
<th>E 5-10</th>
<th>E 5-10</th>
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</thead>
</table>

**Southern Group**
- Bear Trap (2022)
- Black (2022)
- McBride (2022)
- Nogal Canyon (2022)

<table>
<thead>
<tr>
<th>Western Group</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>Bear Trap (2022)</td>
<td>High</td>
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<td>Slight</td>
<td>Moderate</td>
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<tr>
<td>Black (2022)</td>
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<td>Slight</td>
<td>Moderate</td>
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<tr>
<td>McBride (2022)</td>
<td>High</td>
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<td>Slight</td>
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<td>Nogal Canyon (2022)</td>
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<table>
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<th>Storm Motion (mph)</th>
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<th>Slow &amp; Erratic</th>
<th>Slow &amp; Erratic</th>
<th>Slow &amp; Erratic</th>
<th>E/NE 5-10</th>
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</thead>
</table>

**MOISTURE CONTENT**
- Above Normal

Table indicates the probability for thunderstorms over wildfire burn areas. Storm motion and atmospheric moisture content are also listed as these factors can have considerable influence on the risk for burn scar flash flooding. Storm motion is the direction that storms will move toward. This product is experimental and for planning purposes only. Refer to the latest bulletins from the NWS concerning immediate threats for flash flooding. For a map of the burn scars, please visit: https://www.weather.gov/images/abq/BurnScarMap2022.png
### Weekly Weather Briefing

**Albuquerque Weather Forecast Office**

**Weekly Weather Briefing**

[www.weather.gov/abq](http://www.weather.gov/abq)

**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*

### Week at a Glance

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<thead>
<tr>
<th>Tonight</th>
<th>Tuesday, June 28</th>
<th>Wednesday, Jun 29</th>
<th>Thursday, June 30</th>
<th>Friday, July 1</th>
<th>Weekend</th>
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<tbody>
<tr>
<td>Scattered showers and storms with locally heavy rain favoring high terrain</td>
<td>Scattered showers and storms with locally heavy rain favoring high terrain</td>
<td>Scattered showers and storms with locally heavy rain favoring high terrain</td>
<td>Scattered showers and storms with locally heavy rain favoring high terrain</td>
<td>Scattered showers and storms with locally heavy rain favoring high terrain</td>
<td>Scattered to numerous showers and storms with locally heavy rain favoring high terrain</td>
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<tr>
<td>Risk for burn scar flash flooding/debris flow impacts</td>
<td>Risk for burn scar flash flooding/debris flow impacts</td>
<td>Risk for burn scar flash flooding/debris flow impacts</td>
<td>Risk for burn scar flash flooding/debris flow impacts</td>
<td>Increased risk for burn scar flash flooding/debris flow impacts</td>
<td>Increased risk for burn scar flash flooding/debris flow impacts</td>
</tr>
</tbody>
</table>

Numerous showers and storms w/ locally heavy rain

Scattered showers and storms with locally heavy rain favoring high terrain

Scattered showers and storms with locally heavy rain favoring high terrain

Scattered showers and storms with locally heavy rain favoring high terrain

Scattered showers and storms with locally heavy rain favoring high terrain

Scattered to numerous showers and storms with locally heavy rain favoring high terrain