DAILY ROUNDS OF SEVERE THUNDERSTORM POTENTIAL (EASTERN NM)
Weekly Weather Briefing

Lightning Safety Awareness Week

Sunday: An Introduction to Lightning and Lightning Safety

Monday: The Science of Lightning and Thunder

Tuesday: Lightning Safety Outdoors

Wednesday: Lightning Safety Indoors

Thursday: Lightning Safety and Sports Activities

Friday: Medical Effects on Lightning Victims

Saturday: Protecting Your Home from Lightning

Courtesy of National Lightning Safety Council
http://www.lightningsafetycouncil.org/LSC-LSAW.html
### CoCoRaHS Precipitation Reports:

**June 15-22, 2020**

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Weekly Weather Briefing

Severe Weather Potential: Monday and Tuesday

Timing

2 PM – 10 PM MDT Both Days

*Note: Additional risks likely Wed and Thurs

Recommended Actions

Keep an eye on weather conditions and be prepared to seek shelter if a warning is issued.

Severe Weather Outlook
Monday, June 22, 2020

Severe Weather Outlook
Tuesday, June 23, 2020

THUNDERSTORMS
(no label)

No severe* thunderstorms expected

Lightning/flooding threats exist with all thunderstorms

1 - MARGINAL (MRGL)

Isolated severe thunderstorms possible

Limited in duration and/or coverage and/or intensity

2 - SLIGHT (SLGT)

Scattered severe storms possible

Short-lived and/or not widespread, isolated intense storms possible

*Note: Additional risks likely Wed and Thurs

www.weather.gov/abq
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- Hot temperatures will continue for much of northern and central NM today
- Precipitation chances (and the risk for severe storms) will be greatest on Tuesday across eastern NM, which will allow for cooler temps
- Near to above normal readings will persist for mid- to late week, with isolated to scattered storms favoring eastern NM
**Weekly Weather Briefing**

**Albuquerque**

WEATHER FORECAST OFFICE

**Tonight**

**Hazards and Potential Impacts**

**LARGE HAIL, DAMAGING WINDS AND FREQUENT LIGHTNING RISKS (EAST)**

**Upper Level Forecast Chart Valid Midnight MT**

- Moisture increased substantially behind a front/easterly flow in eastern NM | Expect t-storm development along/east of Sangres
- Storms will likely migrate toward east-southeast over the high plains
- Severe t-storms capable of large hail, damaging winds and frequent lightning are a credible concern
- Front/outflows will progress thru central mts tonight | Gusty gap winds
Hazards and Potential Impacts

LARGE HAIL, DAMAGING WINDS AND FREQUENT LIGHTNING RISKS (EAST)

Upper Level Forecast Chart Valid 3pm MT

- Broader area of eastern NM will be at risk for severe storms during the afternoon and evening hours
- Storms will fire over high terrain/highlands and track southeast
- Severe thunderstorms capable of large hail, damaging winds and frequent lightning are a credible concern
Hazards and Potential Impacts

STRONG T-STORMS POSSIBLE IN EASTERN NM; LARGE HAIL/DAMAGING WIND RISKS

Upper Level Forecast Chart Valid 3pm MT

- Low-level moisture remains in place across eastern NM
- Another round of showers and thunderstorms are possible beneath northwest flow --> Setup still favorable for strong or possibly severe thunderstorms in the eastern plains
**Weekly Weather Briefing**

**Thursday**

**Hazards and Potential Impacts**

**STRONG T-STORMS POSSIBLE IN EASTERN NM; LARGE HAIL/DAMAGING WIND RISKS**

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

- Upper level disturbance dives into Great Basin, with weaker feature ahead of it tracking across central/southern Rockies
- With plenty of moisture remaining in place across eastern NM, strong to potentially severe storms cannot be ruled out
- Stay up-to-date on latest weather forecasts as the finer details are ironed out

**Thursday High Temperatures**

*Valid: June 25, 2020*

- Albuquerque: 90°F
- Santa Fe: 85°F
- Las Vegas: 84°F
- El Paso: 86°F
- Phoenix: 100°F
- Salt Lake City: 95°F
- Las Cruces: 93°F
- Farmington: 97°F
- Red River: 88°F
- Tucumcari: 93°F
- Tularosa: 90°F
- Albuquerque: 91°F

**www.weather.gov/abq**
Yet another disturbance will traverse the state

With moisture still in place, thunderstorms will be favored across eastern NM | Strong to potentially severe storms may be possible

Stay up-to-date on latest weather forecasts as the finer details are ironed out
Upcoming Weekend

Rinse and repeat for Saturday with storms will be favored across eastern NM. Drier air will advance eastward for Sunday, potentially pushing the risk for storms east of New Mexico. Meanwhile, moisture associated with a tropical disturbance in the eastern Pacific will try to advance northward into the Desert Southwest for early next week.
Weekly Weather Briefing
Eyes Shifting to the Eastern Pacific Tropics...

Five-Day Graphical Tropical Weather Outlook
National Hurricane Center Miami, Florida

6pm Thursday Forecast

- Precipitable Water

Current Disturbances and Five-Day Cyclone Formation Chance:
- < 40%
- 40-60%
- > 60%

Tropical or Sub-Tropical Cyclone:
- Depression
- Storm
- Hurricane

Post-Tropical Cyclone or Remnants

6/22/2020 2:20 PM
Weekly Weather Briefing

Week At a Glance: Potential Impacts

**TONIGHT**
- Severe Thunderstorm Risk; Large Hail/Damaging Winds in Eastern NM

**TUESDAY**
- Severe Thunderstorm Risk; Large Hail/Damaging Winds in Eastern NM

**WEDNESDAY**
- Severe Thunderstorm Risk; Large Hail/Damaging Winds in Eastern NM

**THURSDAY**
- T-storm Hazards Saturday; Eastern NM - Severe Storms?

**FRIDAY**
- Thunderstorm Hazards; Eastern NM - Severe Storms?

**WEEKEND**
- Severe Thunderstorms Risk; Large Hail/Damaging Winds in Eastern NM

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**Hazards and Impacts Color Table**

- **Limited** (Common Event)
- **Minor** (Common Event)
- **Moderate** (Uncommon Event)
- **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.*
Weekly Weather Briefing
NWS Hazard Simplification

SHOULD ADVISORIES GO AWAY?

The National Weather Service is proposing changes to the Watch/Warning/Advisory system. Learn about the proposal and *make your voice heard* by taking our brief survey!

Scan

OR

Visit

surveyMonkey.com
/r/publichazsimp

Please contact Scott.Overpeck@noaa.gov for details
Dewpoint temperature is one of many parameters used to monitor moisture surges of the North American Monsoon across the Southwest U.S. For previous years see: https://www.wrh.noaa.gov/twc/monsoon/dewpoint_abq.php
Weekly Weather Briefing

Resources

AS ALWAYS...

- weather.gov/abq
- Facebook
- @NWSAlbuquerque & #nmwx
- NOAA Weather Radio
- Favorite Media Outlet
- mobile.weather.gov
- NMroads.com

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Posted Mondays (or Tuesdays, if holiday) 3-5pm. No routine updates.