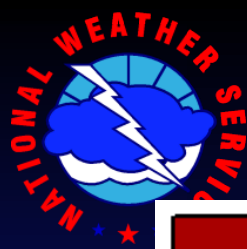


# Weekly Weather Briefing

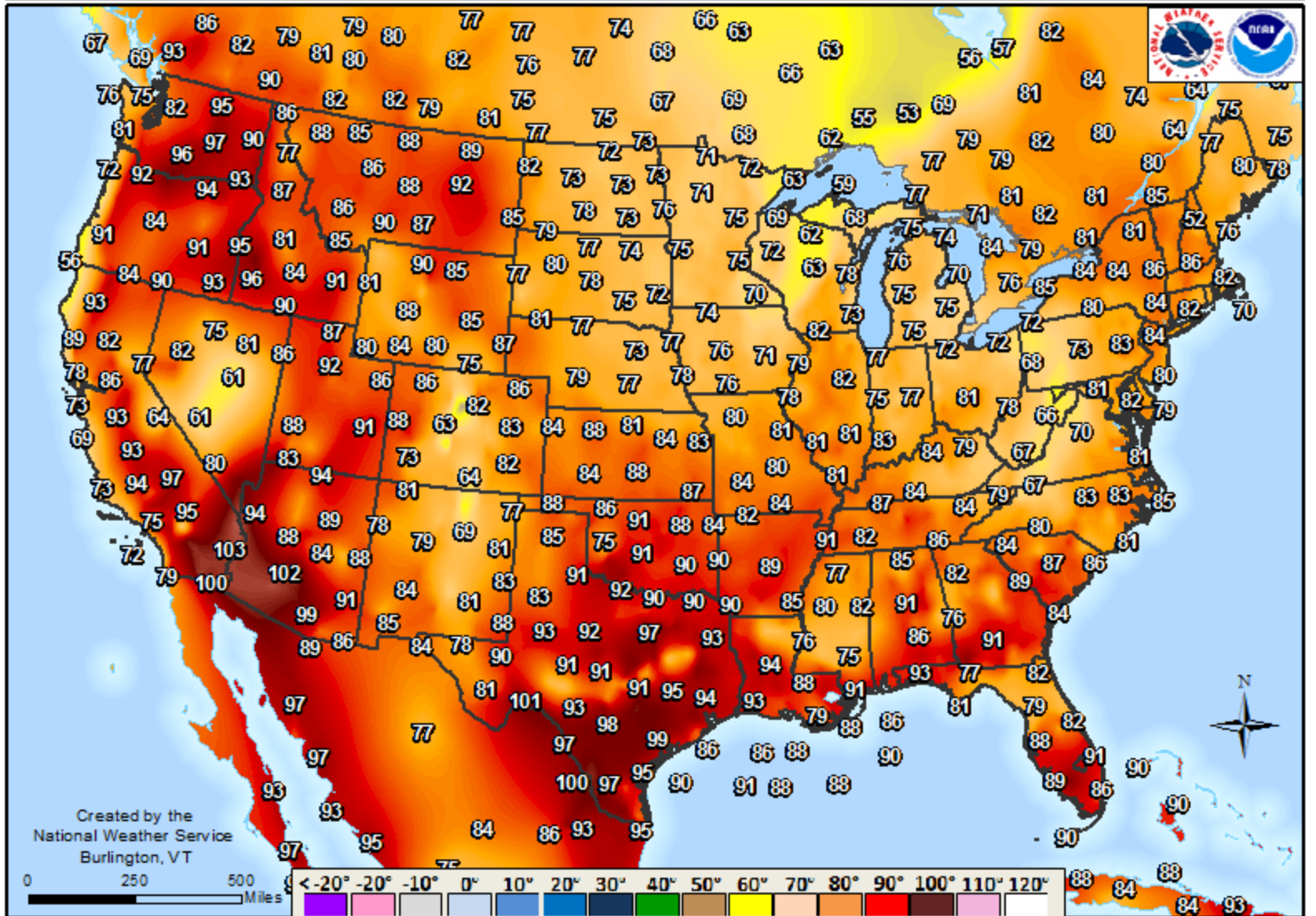
## “Another Monsoon Burst”

NWS Albuquerque  
August 11, 2014

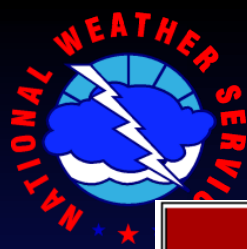


# Most Recent Temperatures

Temperatures As Of: 8/11/2014 4 PM EDT



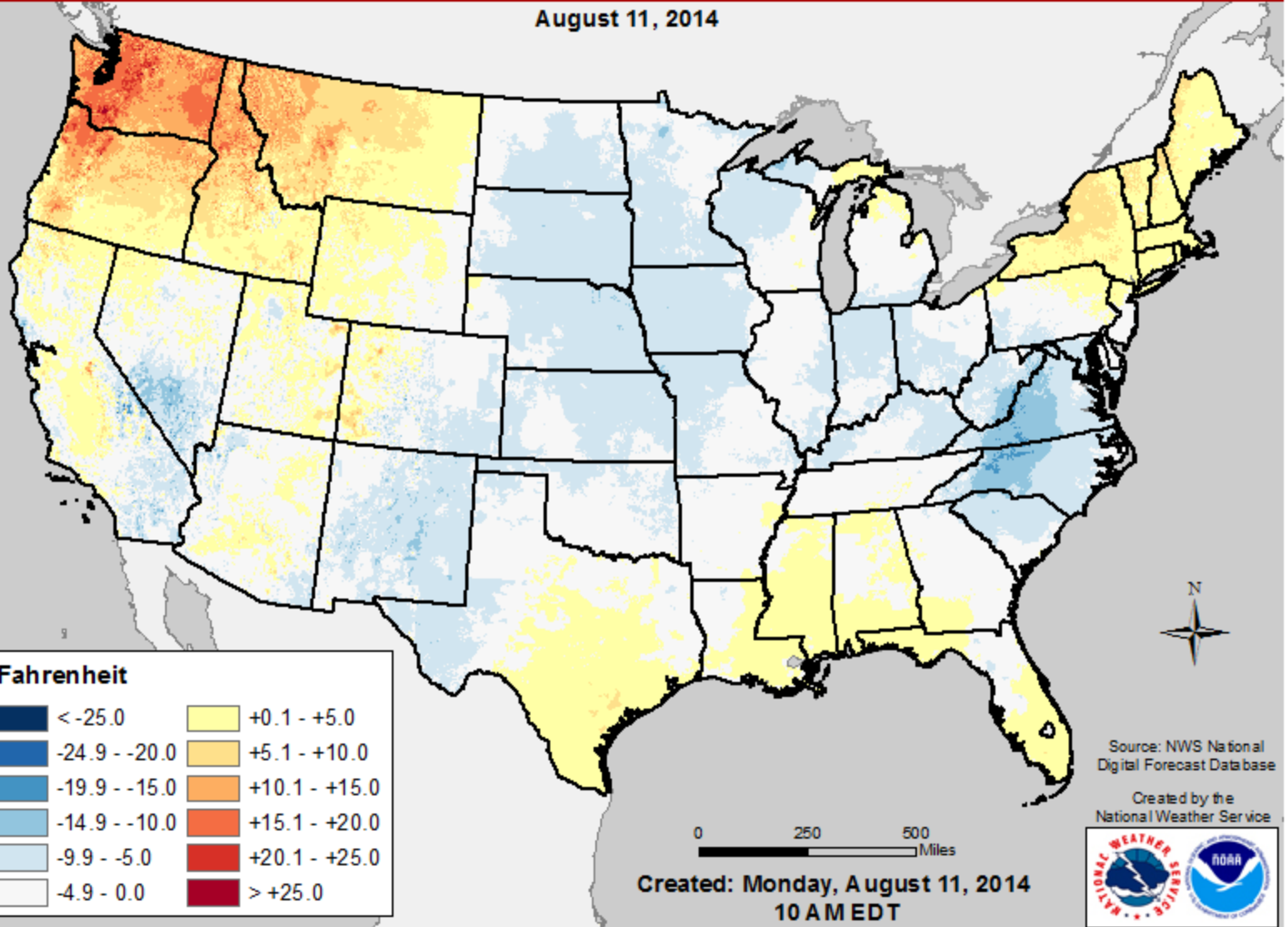
Weekly Weather Briefing

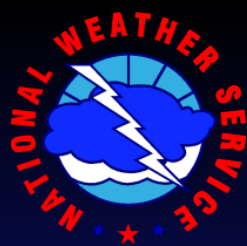


# Today's Max Temp Departure from Normal

## National High Temperature Departure From Normal Forecast

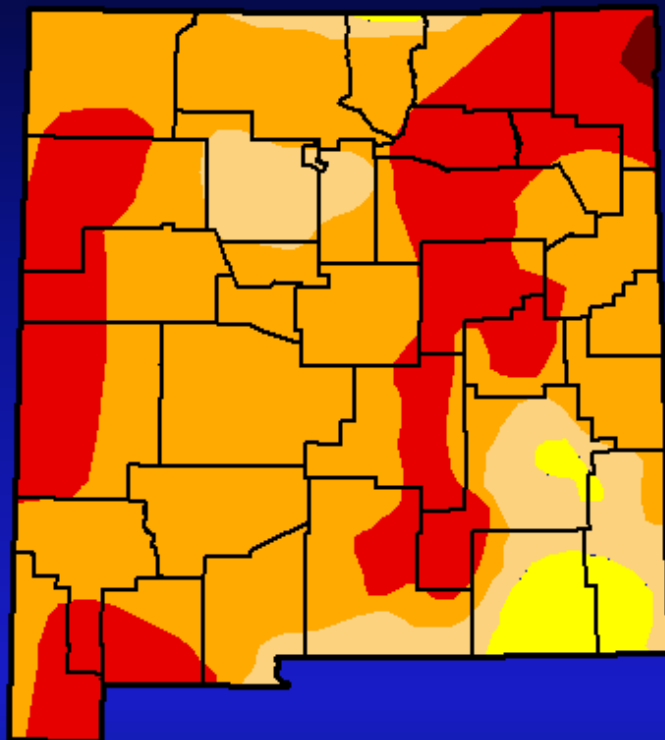
August 11, 2014



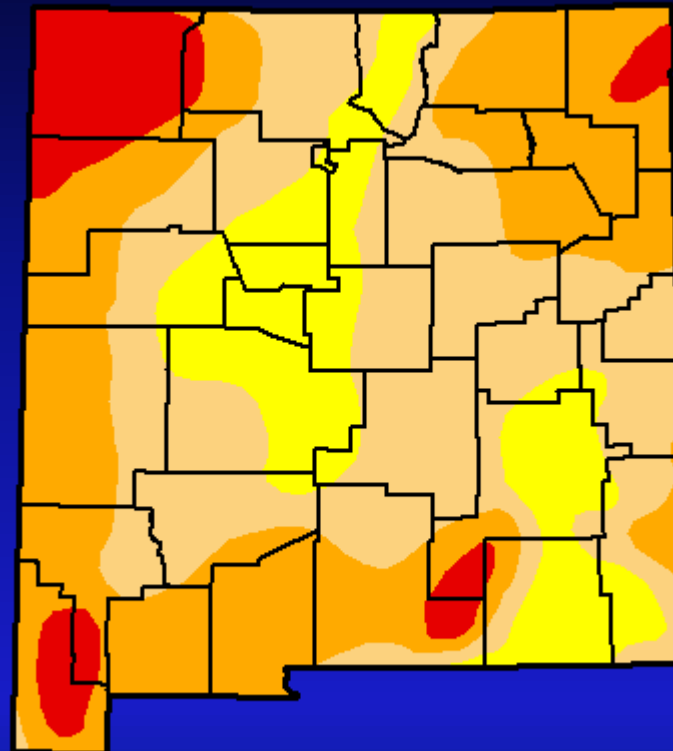


# Chiseling Away at Drought!

June 24, 2014



August 5, 2014



49% decrease in areas classified as severe drought or worse!

Intensity:

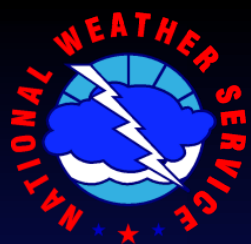
Yellow D0 Abnormally Dry

Red D3 Extreme Drought

Light Orange D1 Moderate Drought

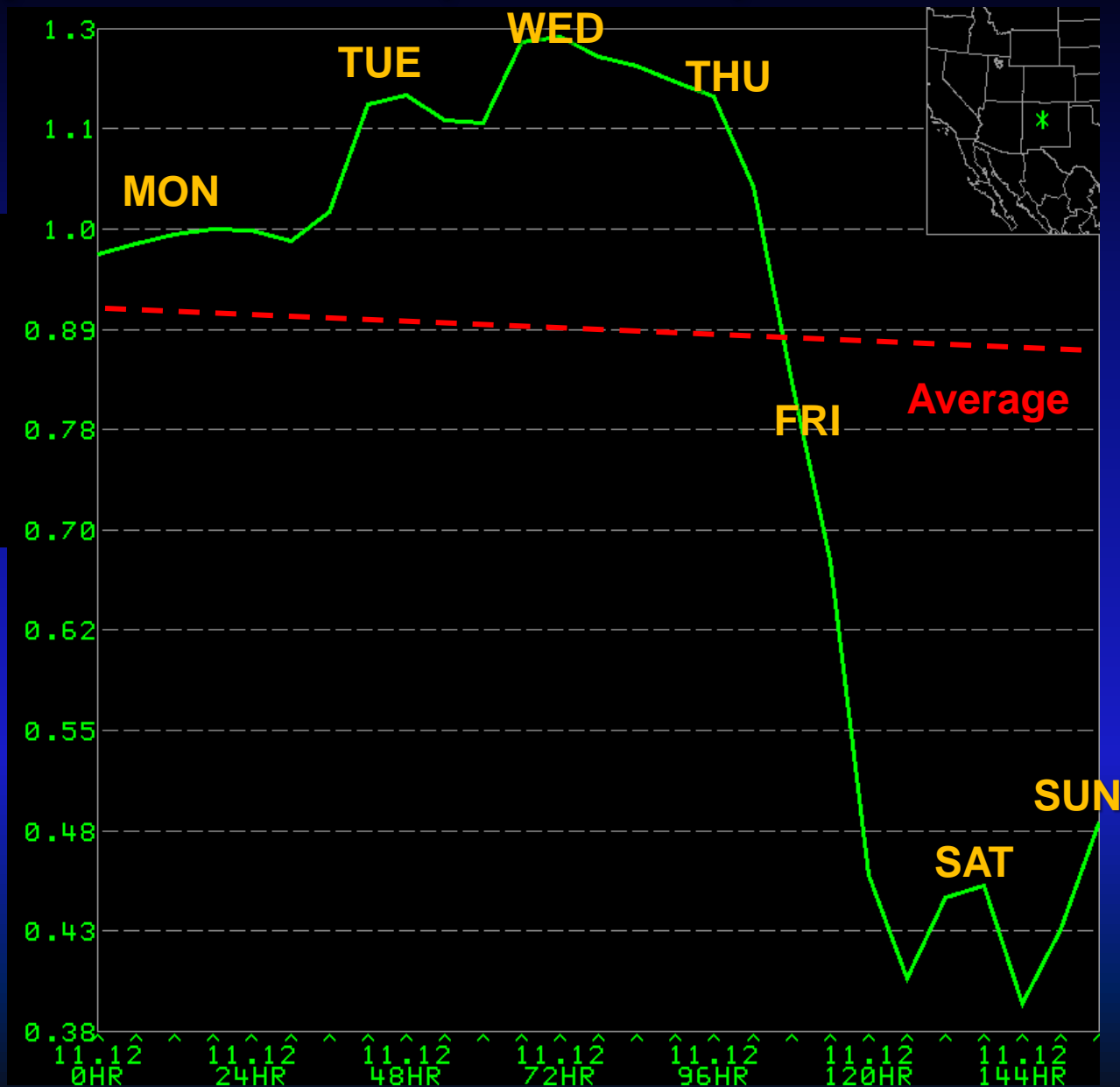
Dark Red D4 Exceptional Drought

Orange D2 Severe Drought

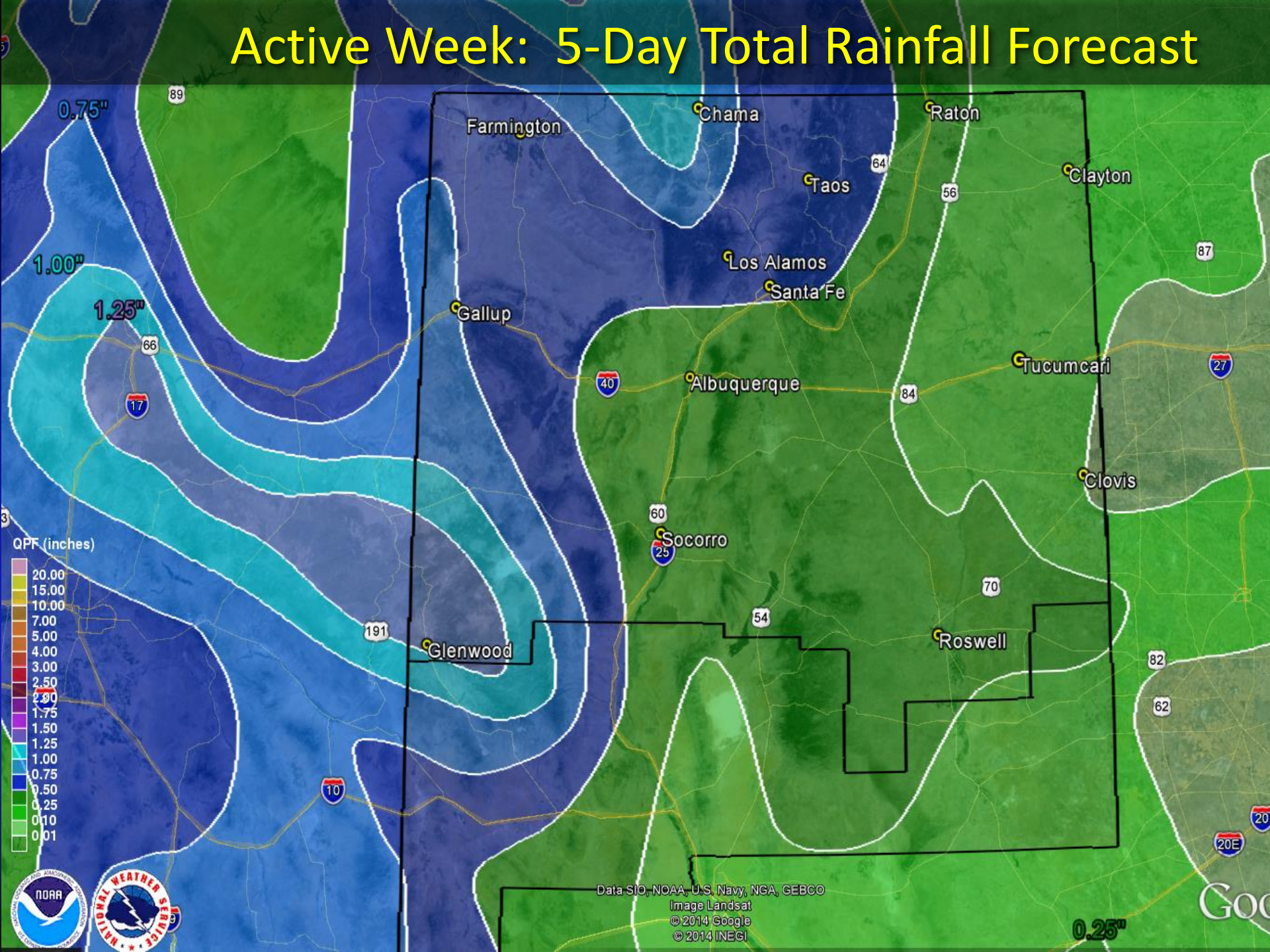


# Precipitable Water (Moisture) Trends

Precipitable water, measured in inches, is the depth of water in a column of the atmosphere if all the water in that column were precipitated as rain.



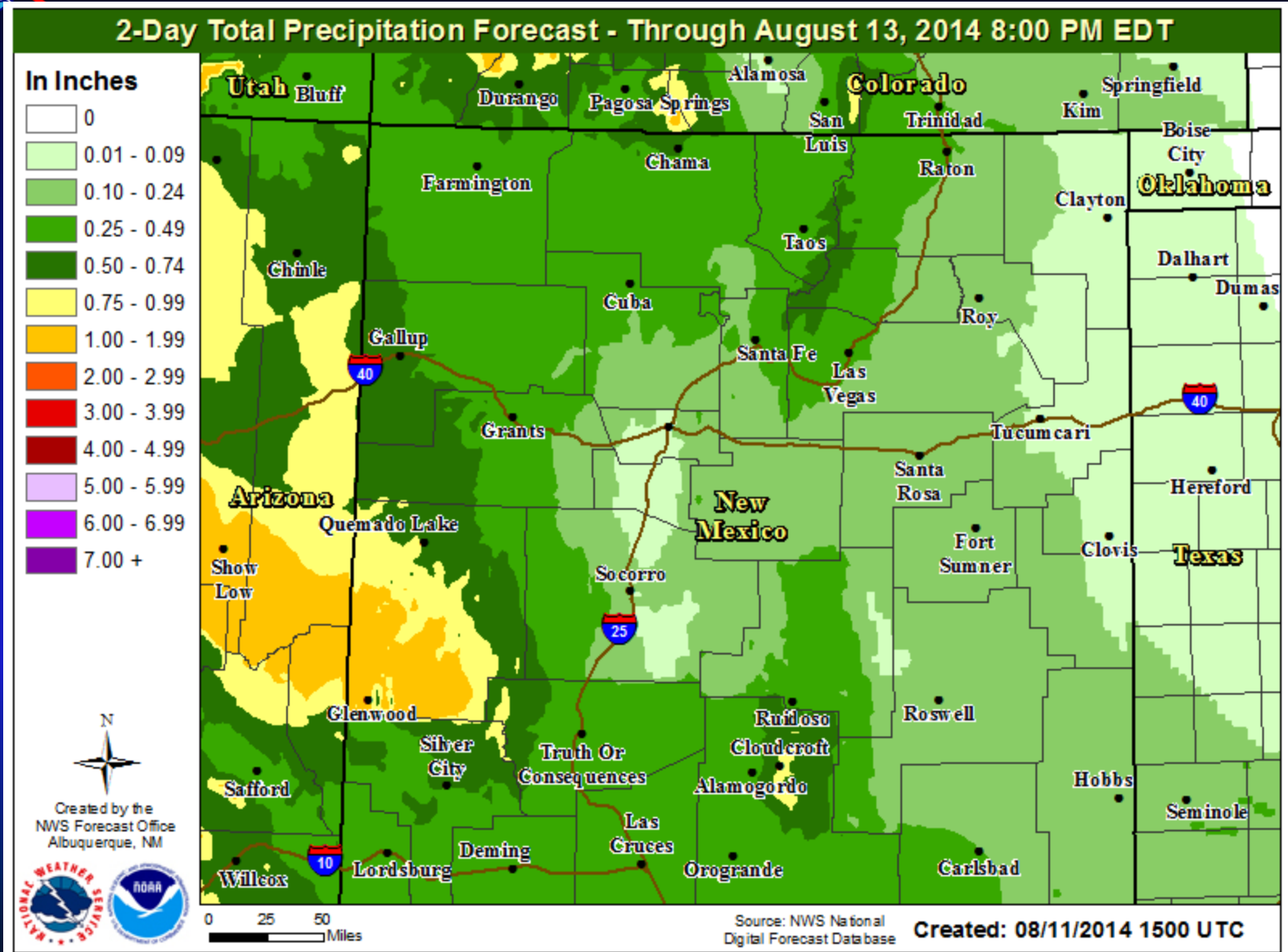
# Active Week: 5-Day Total Rainfall Forecast





# Total Rainfall through Wednesday PM

Weekly Weather Briefing

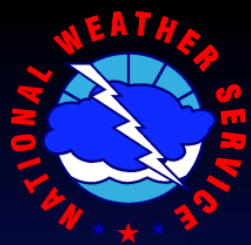


Created by the  
NWS Forecast Office  
Albuquerque, NM



Source: NWS National  
Digital Forecast Database

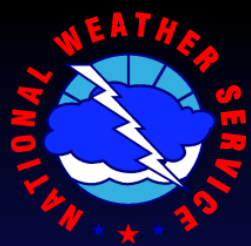
Created: 08/11/2014 1500 UTC



*Weekly Weather Briefing*

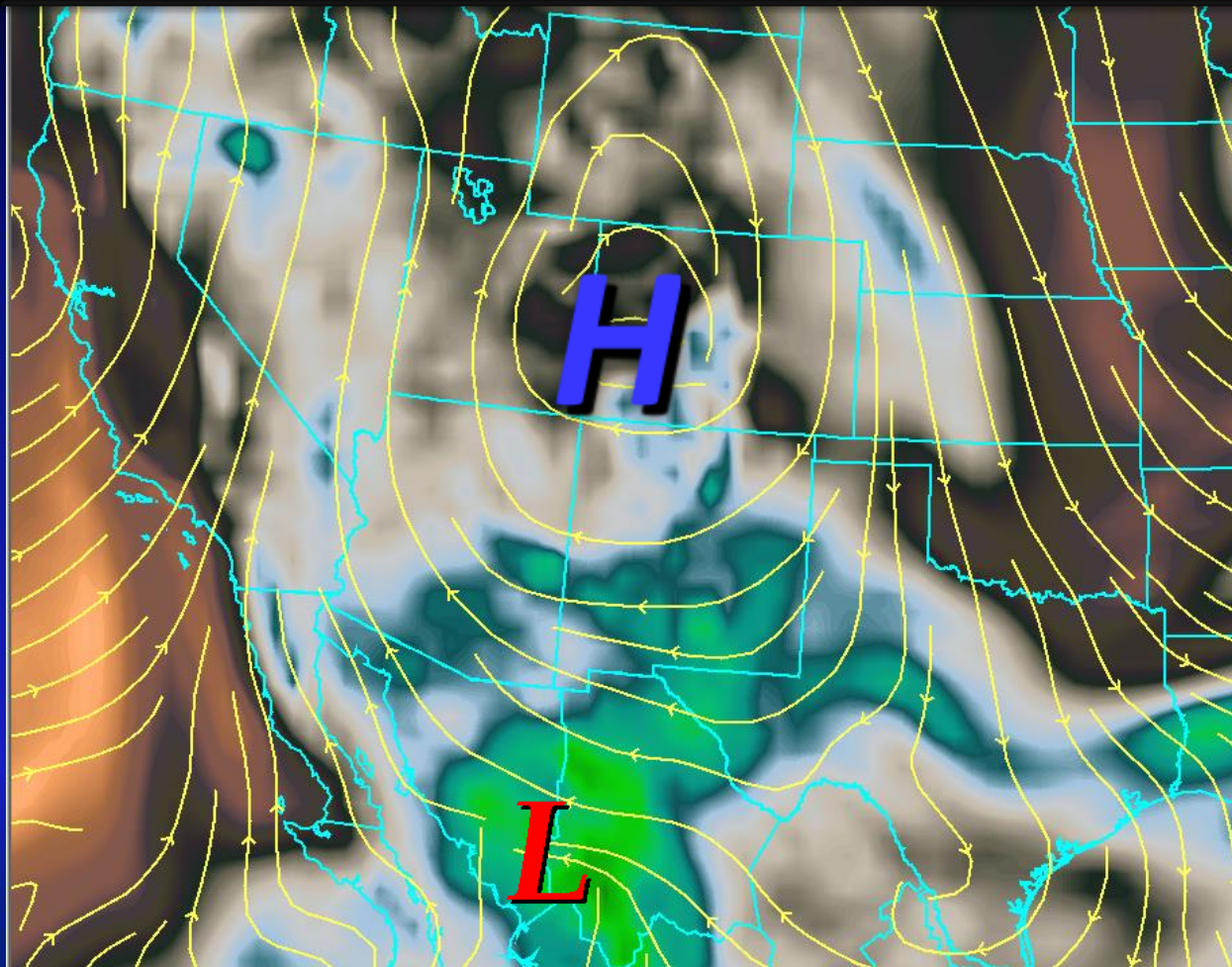
# Forecast Details



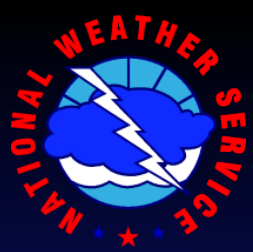


# Upper Level Forecast Chart (Image is Moisture)

**Tonight**

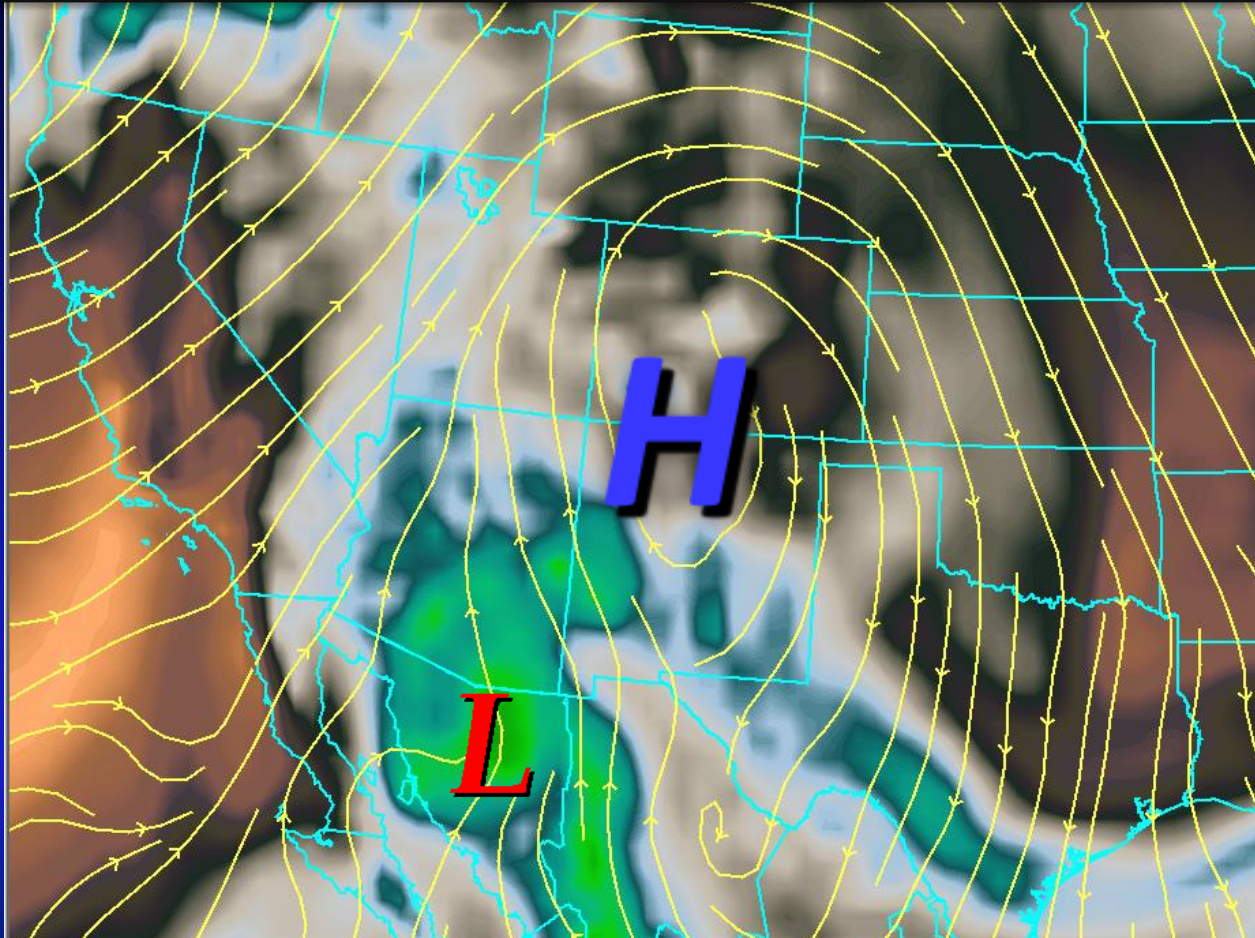


**Tonight:** Upper high to strengthen and drift northward over SW Colorado. Steering winds generally from east to west, but very weak especially the northern ½ of state.

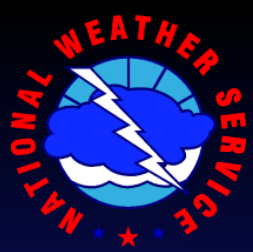


# Upper Level Forecast Chart (Image is Moisture)

Tuesday

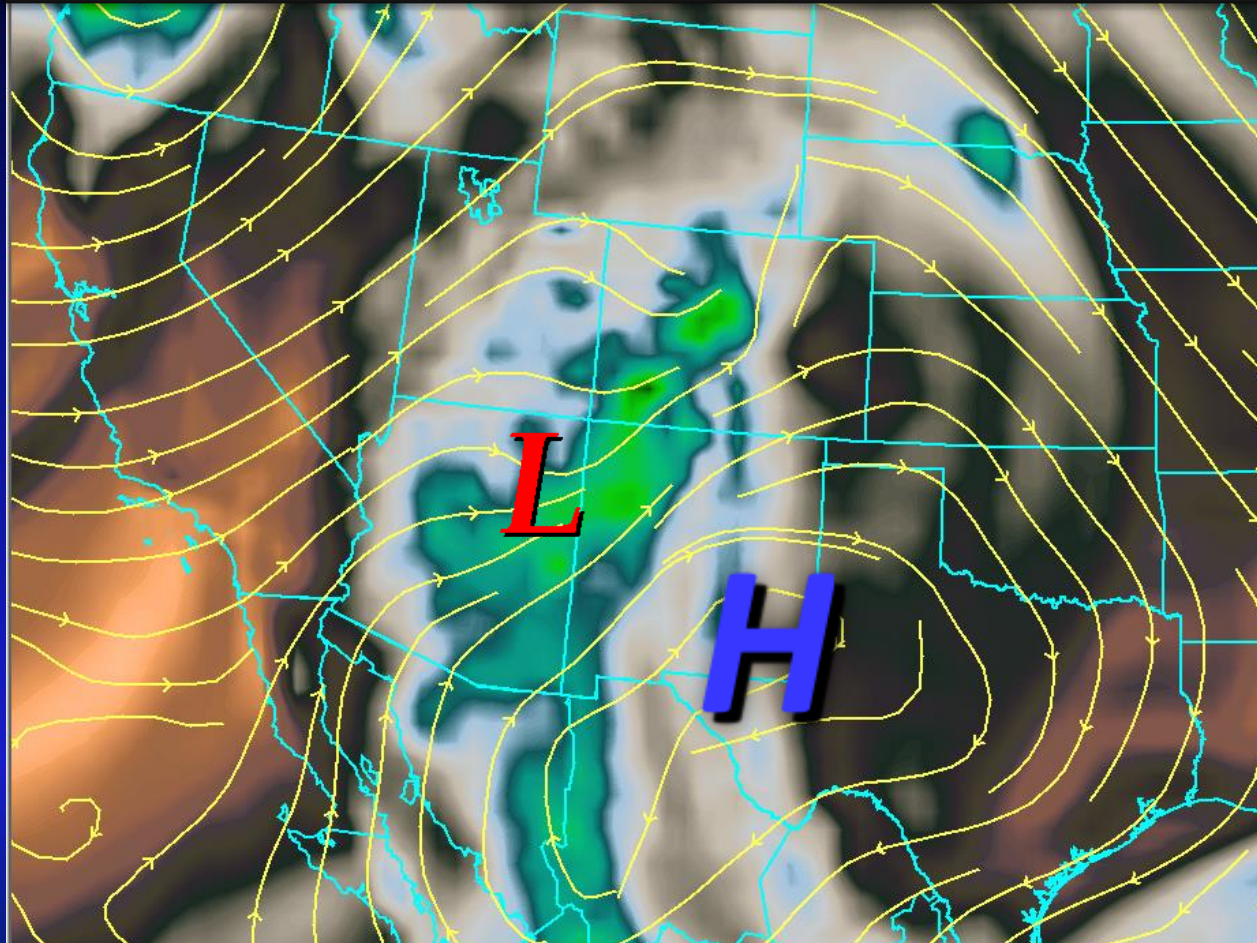


**Tuesday:** Upper high to gradually shift east and south, but more important feature is tropical low that will approach southern AZ. Watch for significant increase in storm coverage SC and much of the west.



# Upper Level Forecast Chart (Image is Moisture)

Wednesday

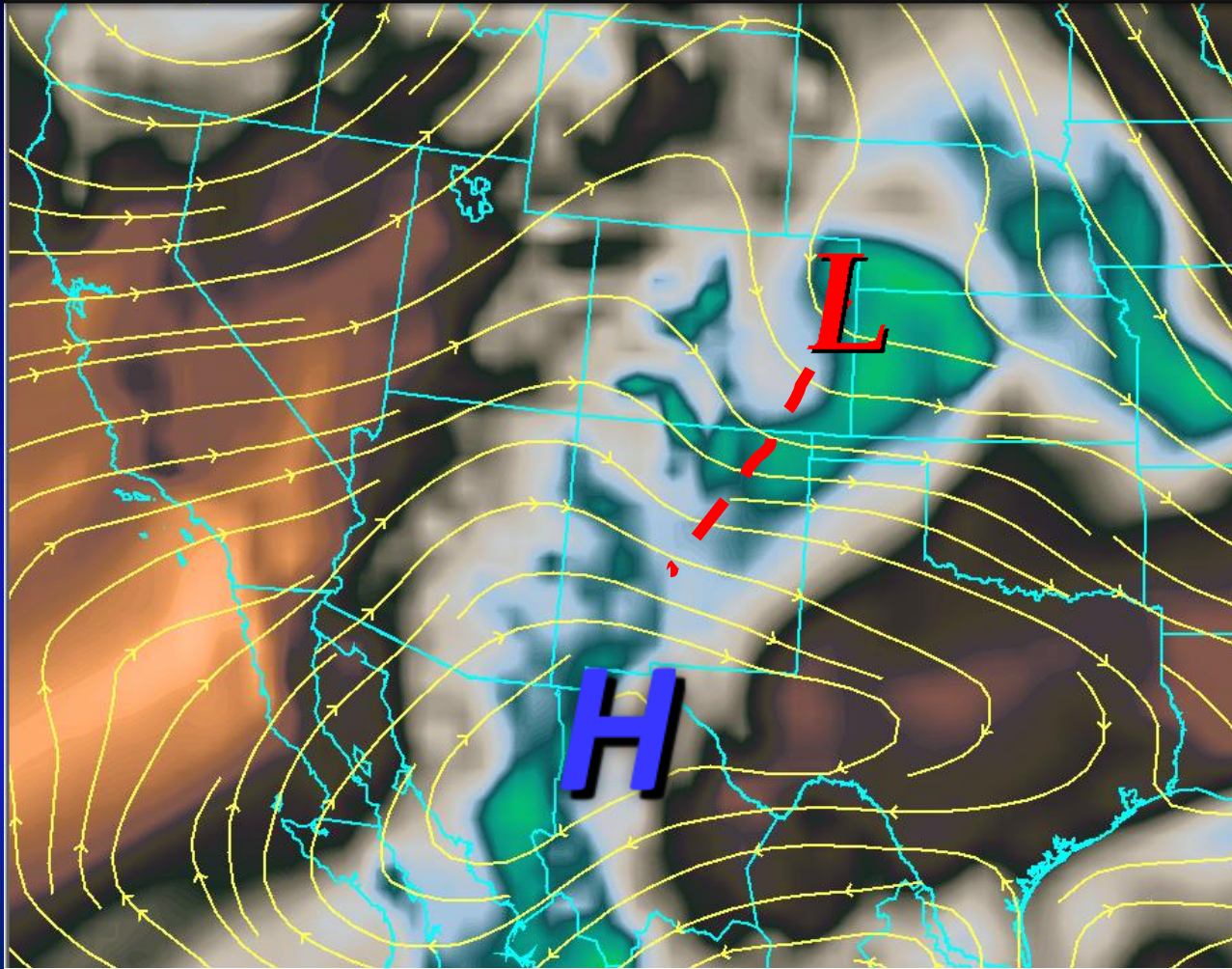


**Wednesday:** Potentially significant increase in moisture and FF threat, especially central mountain chain westward. Still uncertainty on the eventual track and timing of the tropical wave, but Wed-Wed night look very active.



# Upper Level Forecast Chart (Image is Moisture)

Thursday

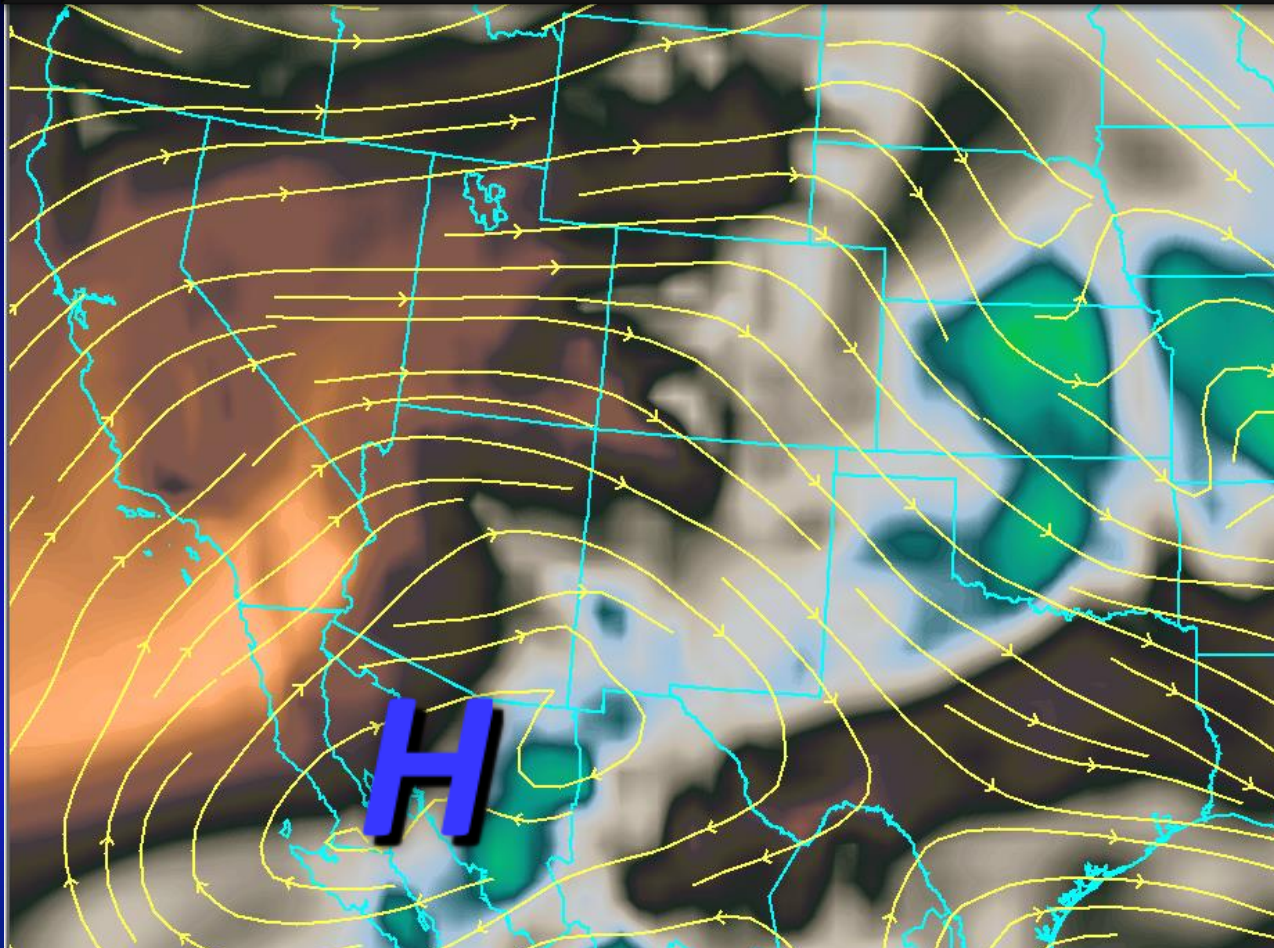


**Thursday:** Upper high repositions south of state but effects of the exiting disturbance to linger. Potentially very active day across NC/NE New Mexico!



# Upper Level Forecast Chart (Image is Moisture)

Friday



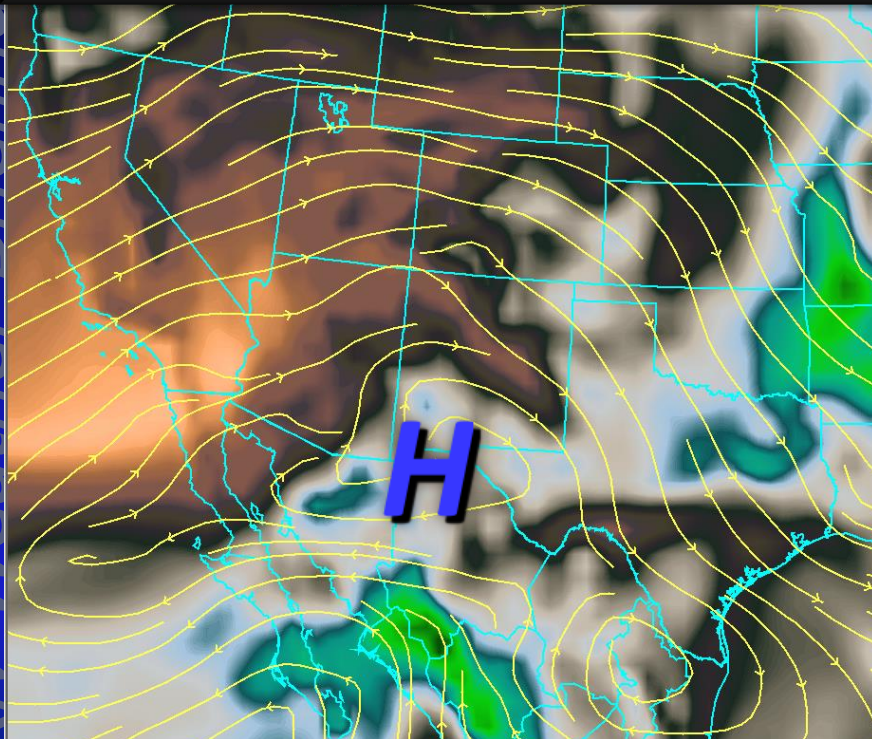
**Friday:** High pressure aloft continues to shift westward. This will allow drier air to work into NC/NW areas, and provide general drying trend. Most active areas across the east and south.



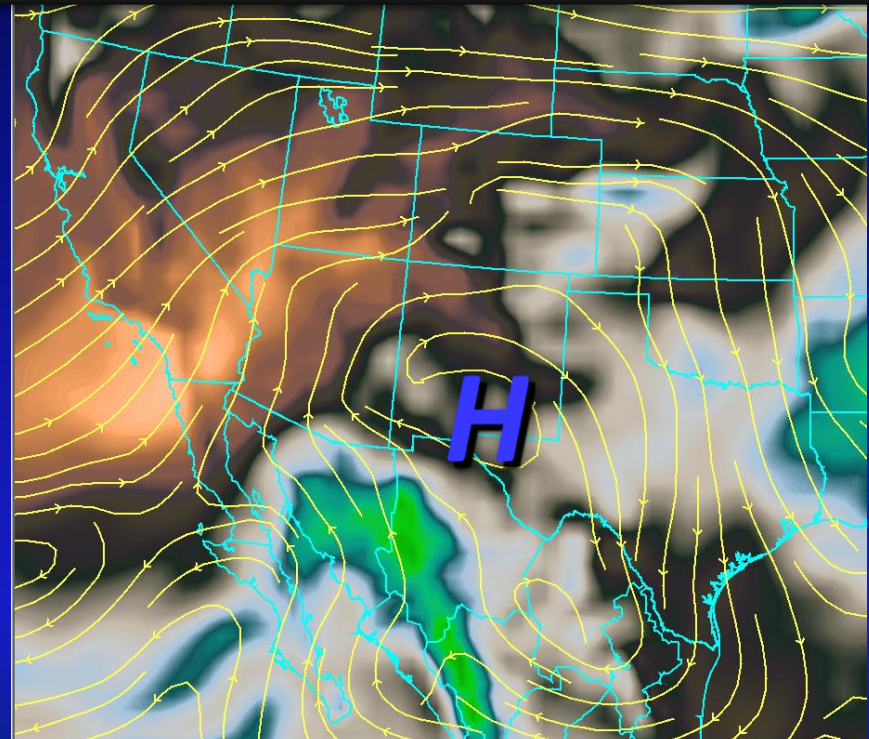
# Upper Level Forecast Chart (Image is Moisture)

## Weekend Outlook

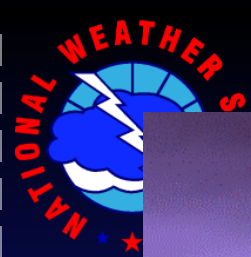
Saturday



Sunday



**Weekend:** Latest extended forecast charts suggest a sub-par thunderstorm crop over central and northern areas, with the best opportunities across the south where deeper moisture will linger longest.



# Burn Scar

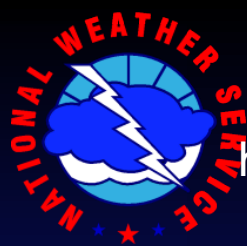
## Thunderstorm Threat Matrix

Burn Scar	Today	Tuesday	Wednesday	Thursday	Friday
Assayii Lake	Moderate	Moderate	High	High	Slight
Diego	Moderate	Moderate	High	High	Slight
Jaroso	High	Moderate	Moderate	High	Slight
Las Conchas	Moderate	Moderate	High	High	Slight
Little Bear	Slight	Moderate	Moderate	Moderate	Moderate
Pacheco	High	Moderate	Moderate	High	Slight
Thompson Ridge	Moderate	Moderate	High	High	Slight
Tres Lagunas	High	Moderate	Moderate	High	Slight
White	Moderate	Slight	Moderate	Moderate	Slight
Whitewater-Baldy	Moderate	Moderate	High	High	Moderate

Table indicates probability for thunderstorms. This product is for planning purposes only. Refer to the latest bulletins from the NWS concerning immediate threats for flash flooding.

None = 0%	Slight = 10-30%
Moderate = 40-60%	High = 60% +

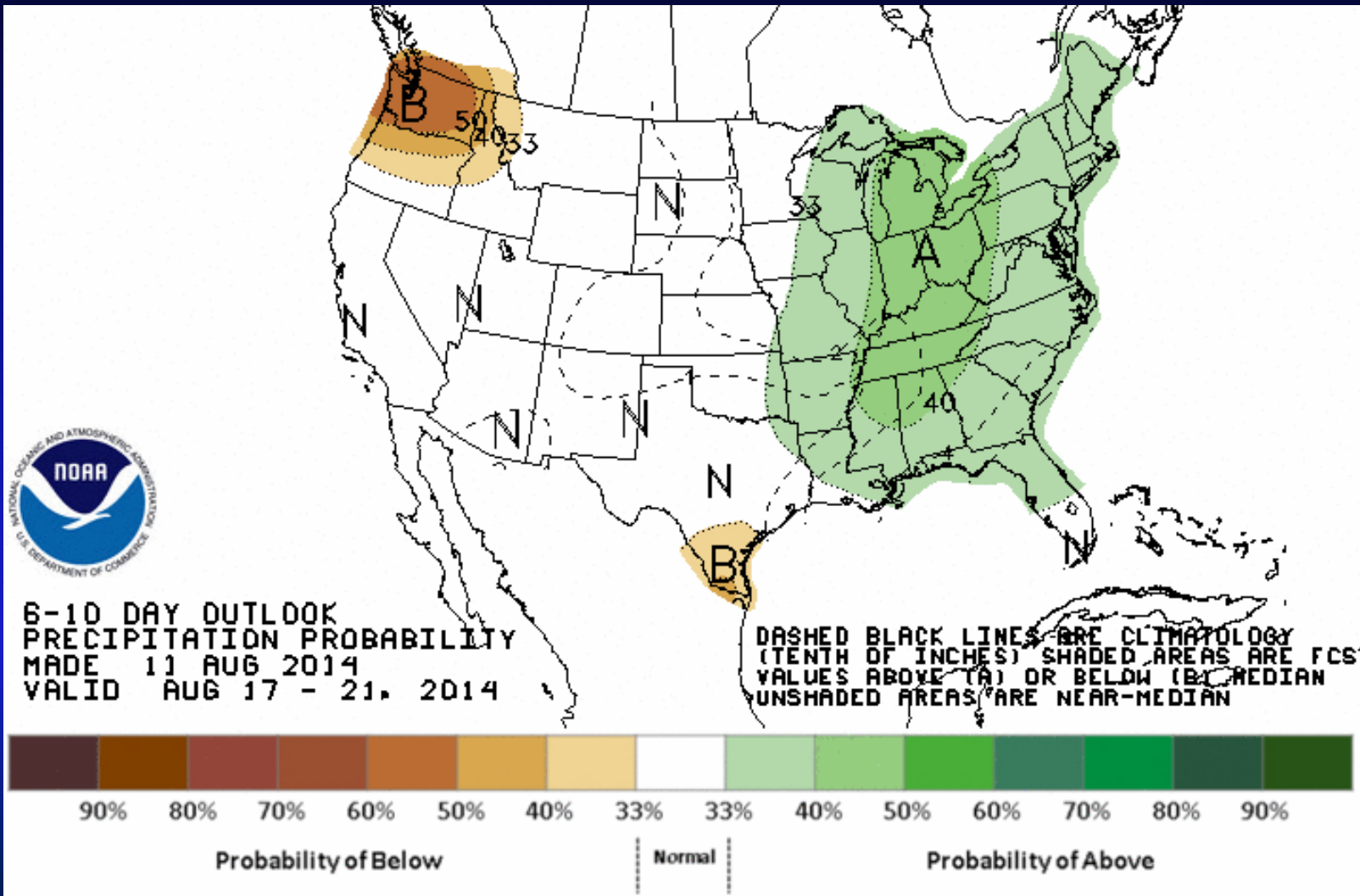




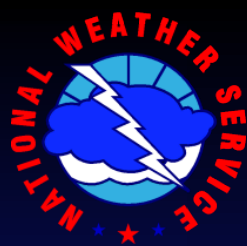
# 6-10 Day Precip Outlook: Aug 17-21

<http://www.cpc.ncep.noaa.gov/products/predictions/610day/610prcp.new.gif>

Weekly Weather Briefing











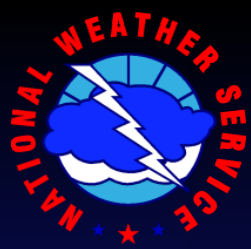
# Week at Glance

-  **Tonight** (T-storms, locally heavy rain)
-  **Tuesday** (Elevated FF Threat)
-  **Wednesday** (Elevated FF Threat)
-  **Thursday** (Elevated FF Threat NC/NE)
-  **Friday** (Isold-Sct T-storms)
-  **Weekend** (Isold-Sct T-storms, focus south )

**SYNOPSIS:** An active week is in store! Typical rounds of mainly afternoon and evening thunderstorms will develop over the mountains this afternoon and again Tuesday, slowly moving toward the west or west-northwest (generally). Storms will be very slow-moving with the potential for localized flash flooding. More widespread thunderstorm activity is expected Wednesday and especially Wednesday night into Thursday as deep monsoon moisture is pulled northward by a slow-moving tropical disturbance originating over northern Mexico. Drier air is expected to move into northwest and north-central New Mexico Friday and the weekend, limiting thunderstorm coverage in these areas.

## Hazards & Impacts

-  None
-  Minor
-  Significant
-  Major



# As always...

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