

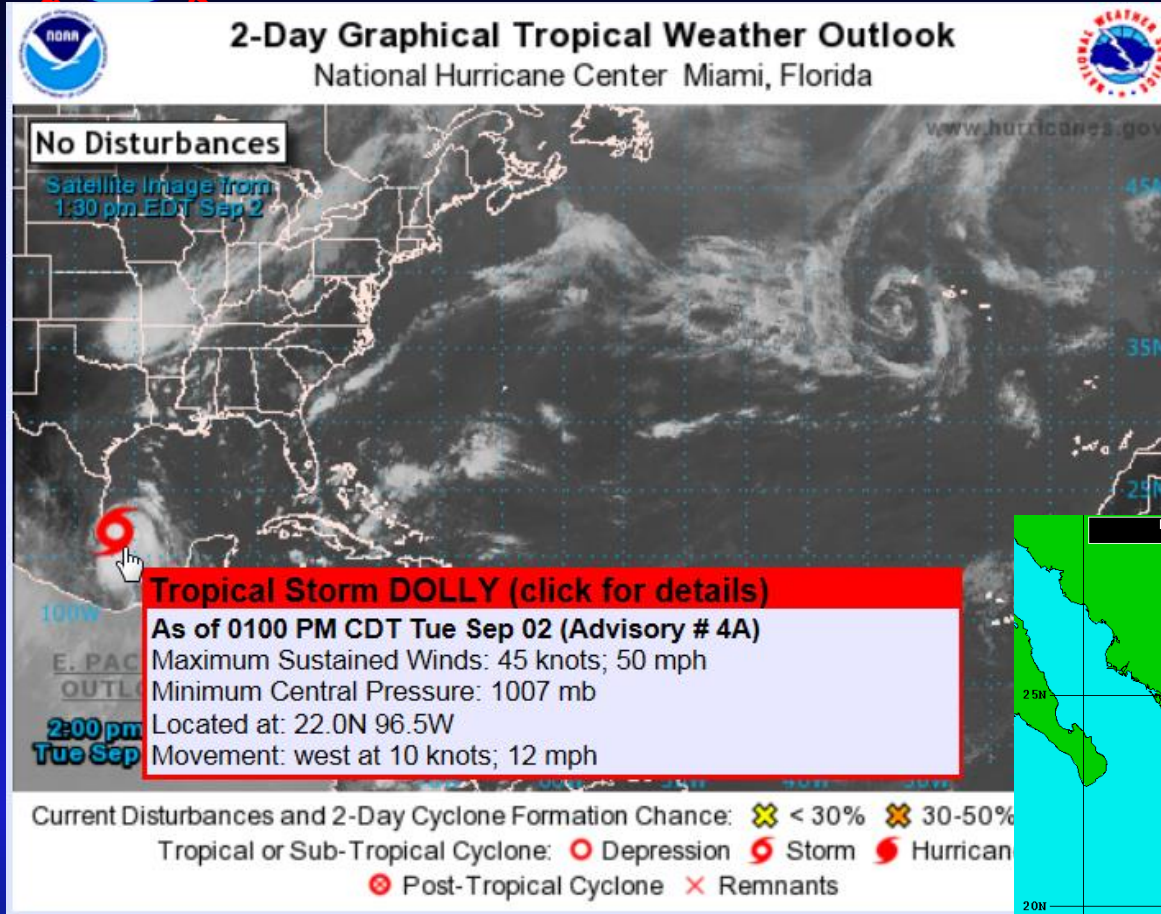
Weekly Weather Briefing

“Moisture Returns”

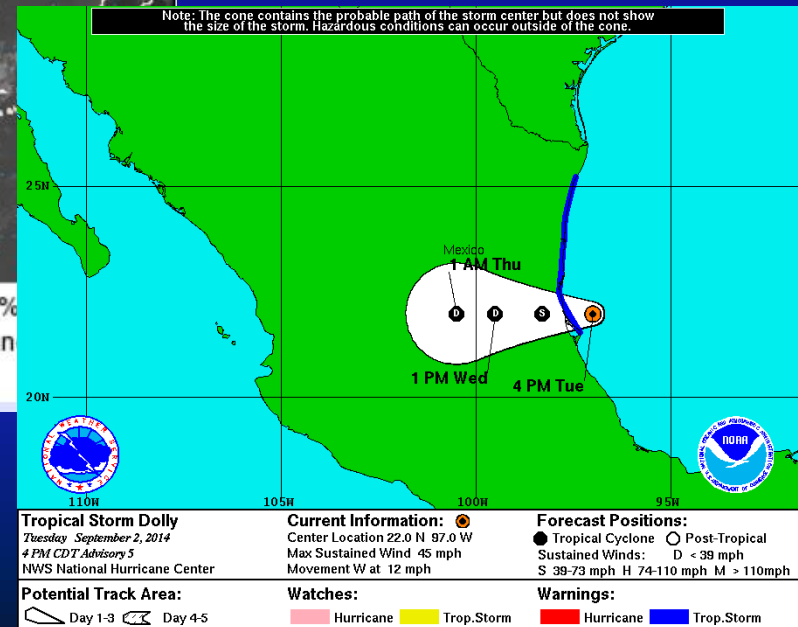
NWS Albuquerque
September 2, 2014

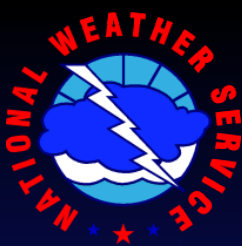


Newly Formed Tropical Storm Dolly



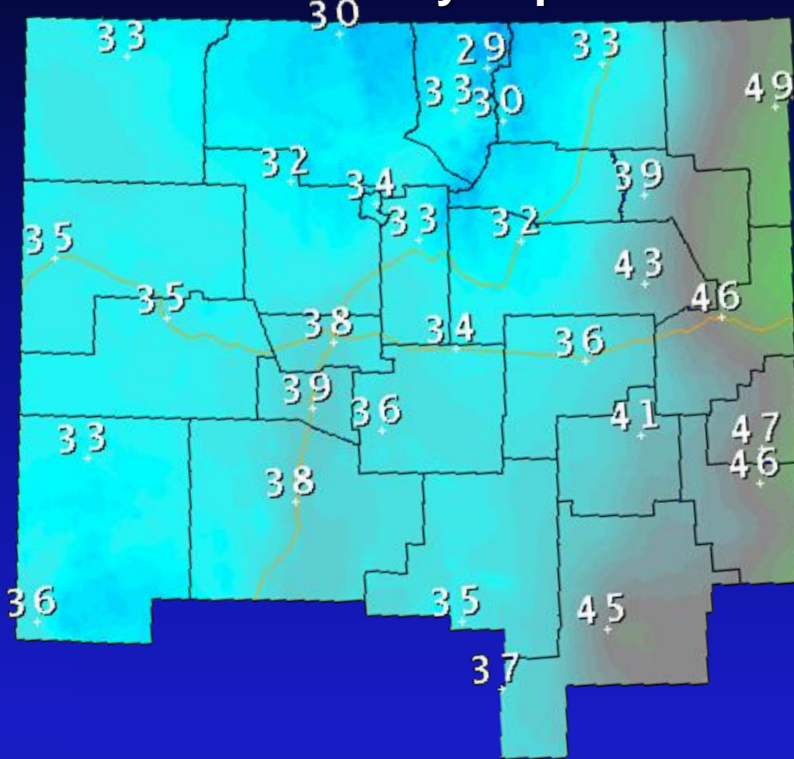
Too early to speculate on remnant moisture track but will closely monitor in coming days!



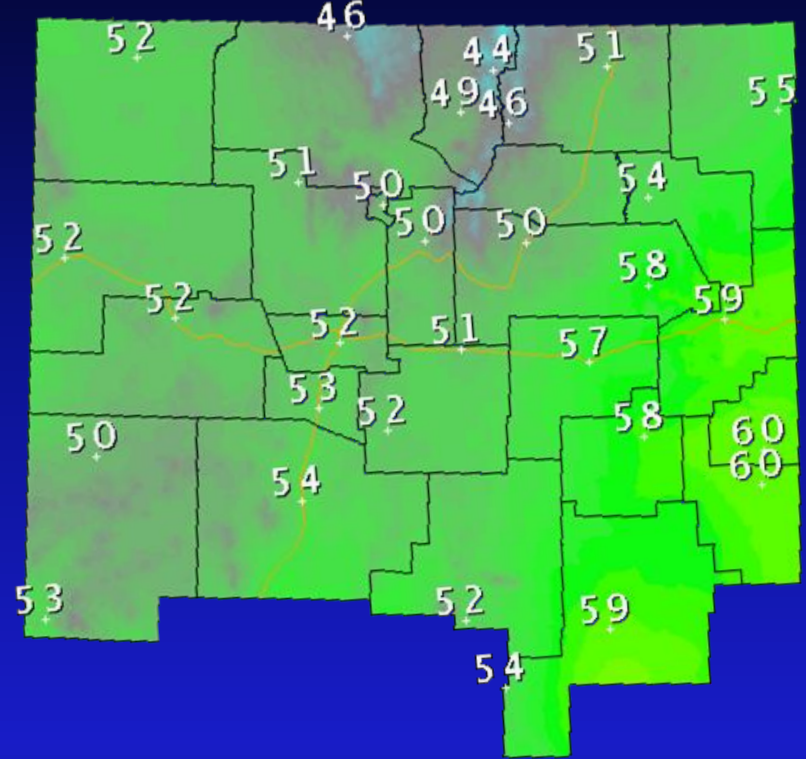


Dry to Wet Next 7 Days!

6am Monday Sep 1st

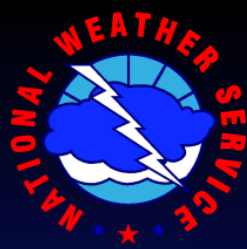


6am Monday Sep 8th



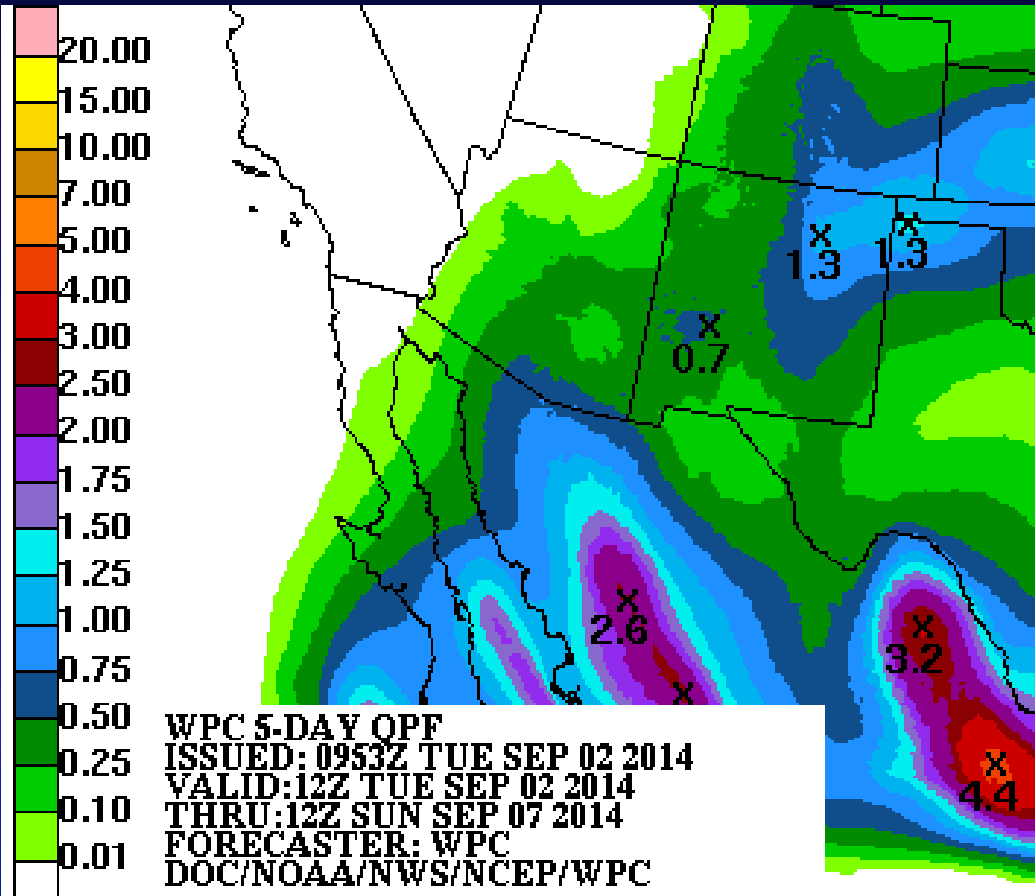
Dewpoint Temperature = Temperature to which air must be cooled at constant pressure to reach saturation.

Higher values indicate increased moisture at/near the surface.



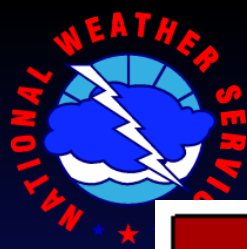
Projected Rainfall Totals This Week!

Weekly Weather Briefing



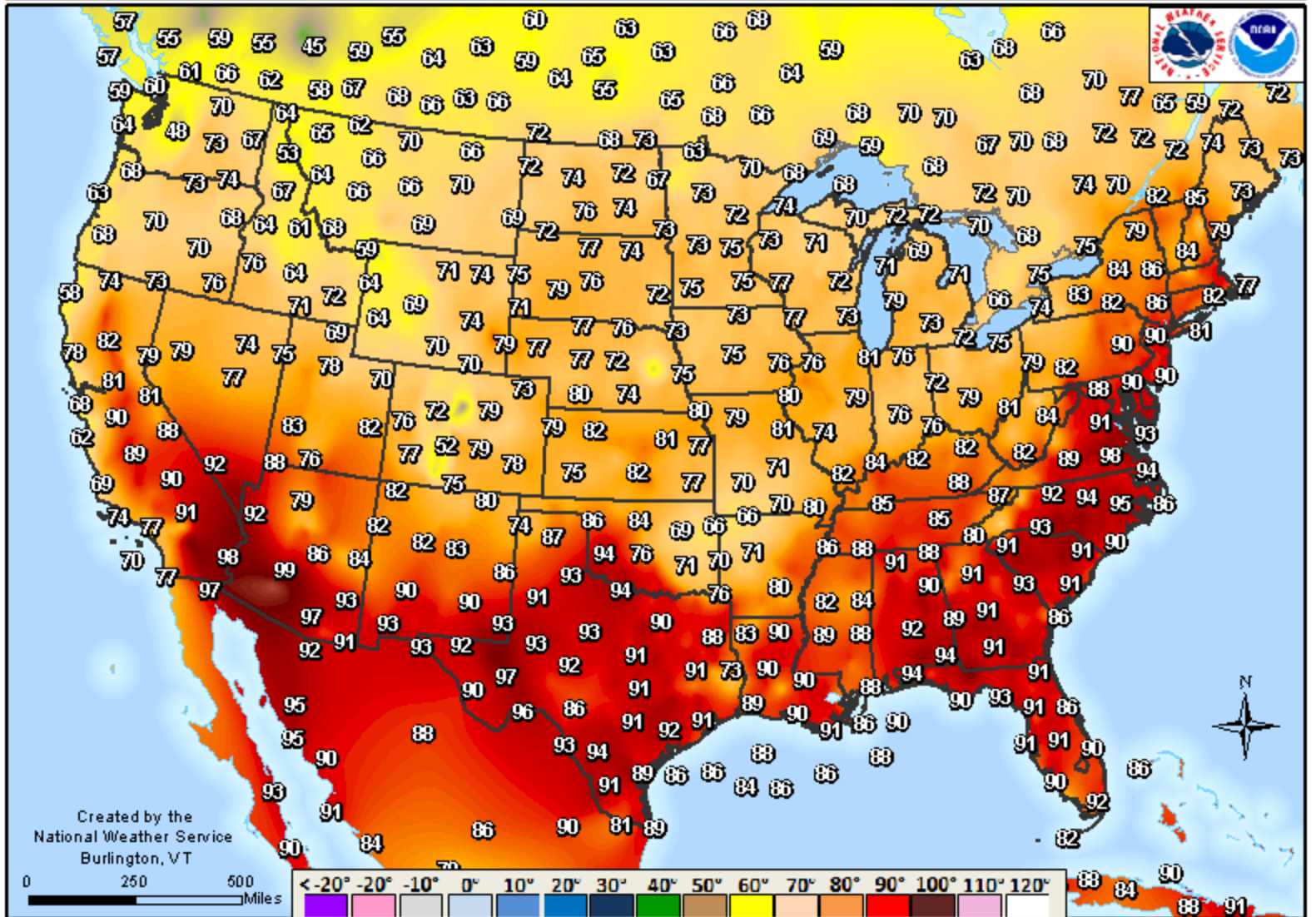
Focus for locally heavy rainfall over the higher terrain and the northeast.

Backdoor cold front likely to increase shower and storm coverage Friday-Saturday!

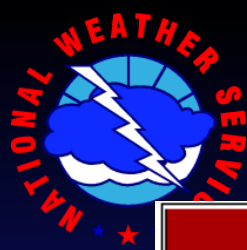


Most Recent Temperatures

Temperatures As Of: 9/2/2014 2 PM EDT



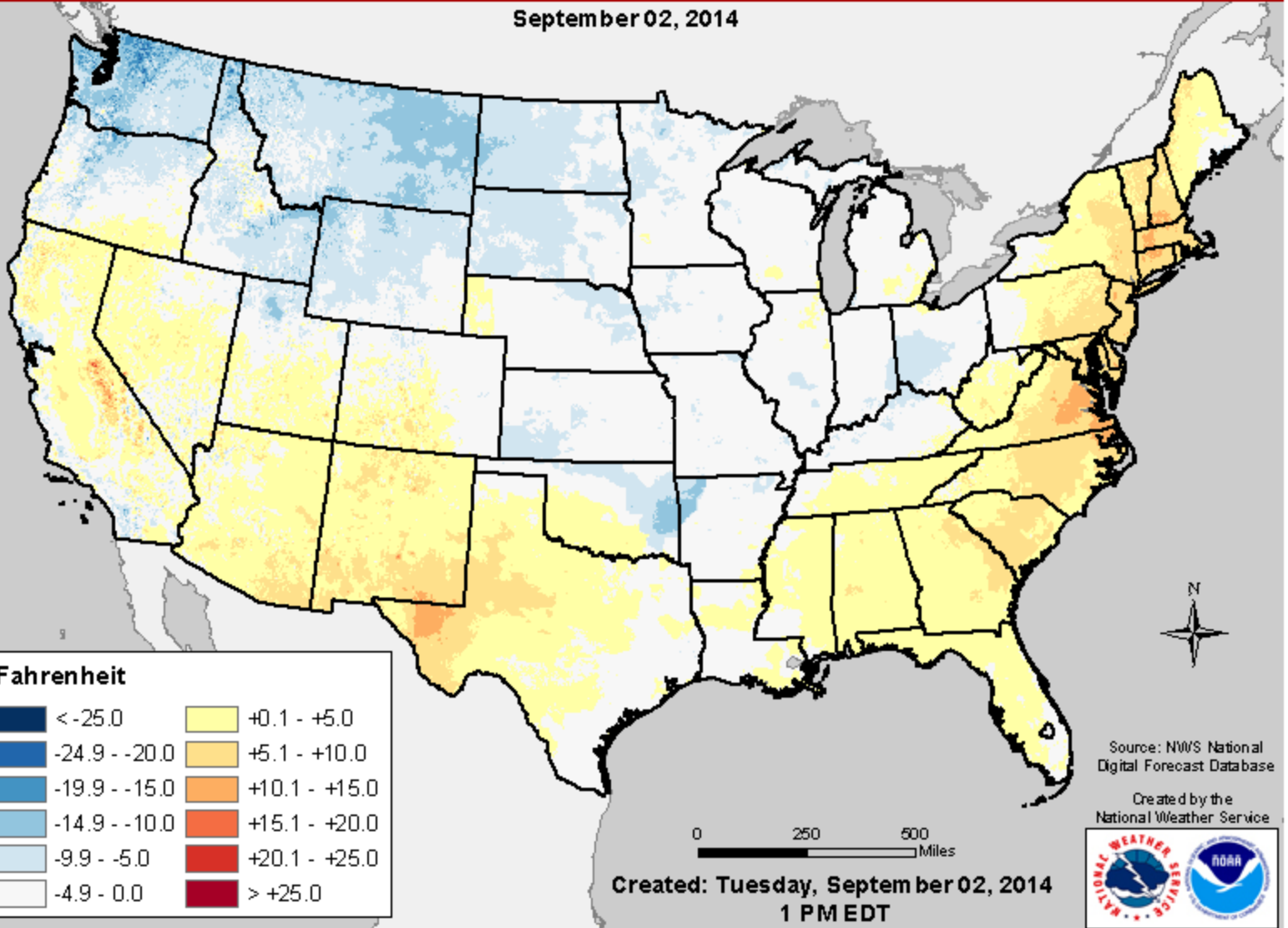
Weekly Weather Briefing



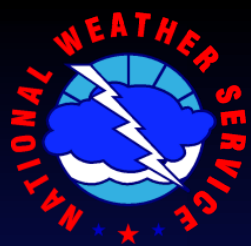
Today's Max Temp Departure from Normal

National High Temperature Departure From Normal Forecast

September 02, 2014



Weekly Weather Briefing



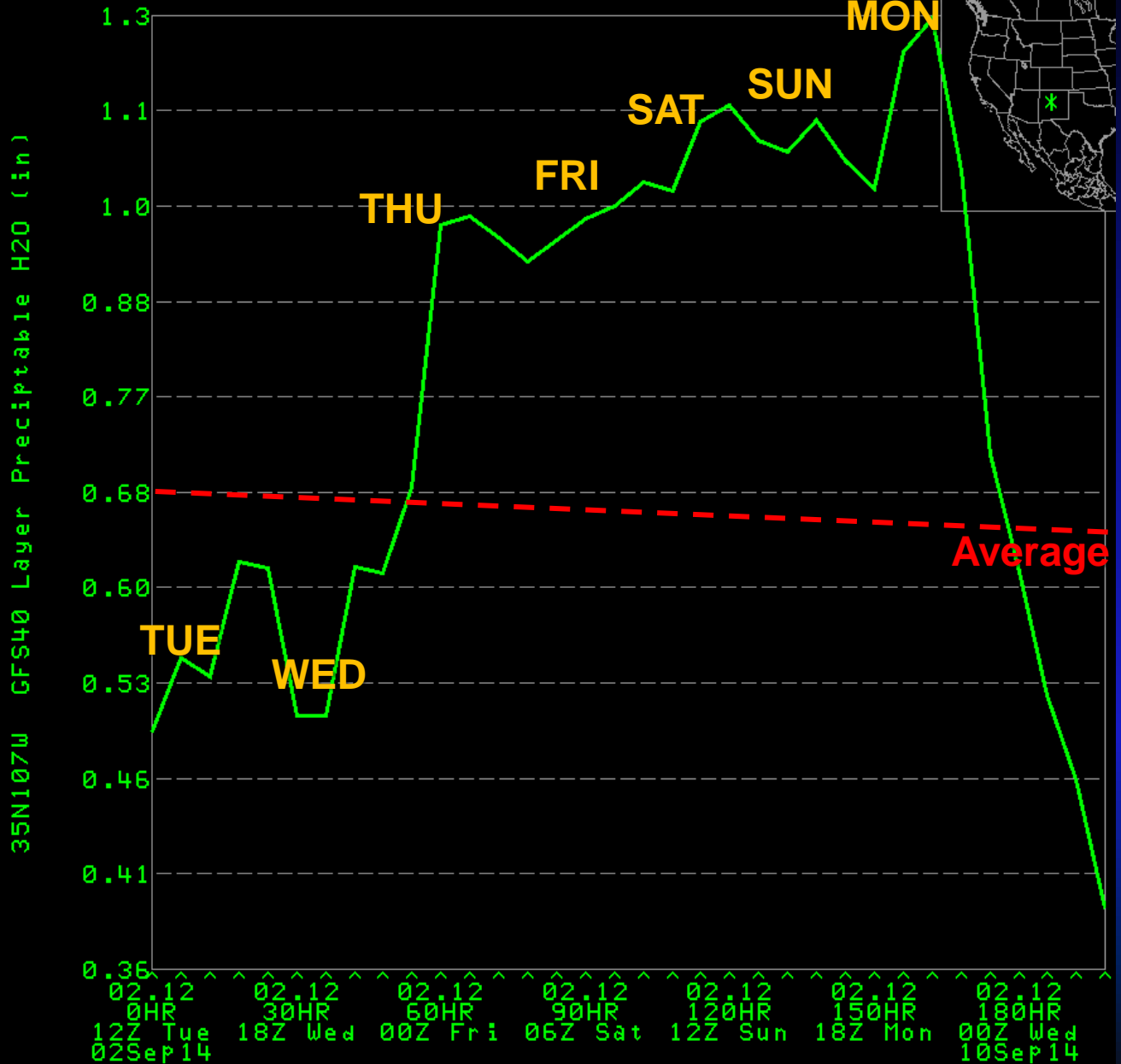
Weekly Weather Briefing

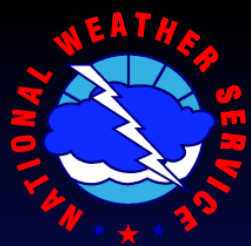
Forecast Details



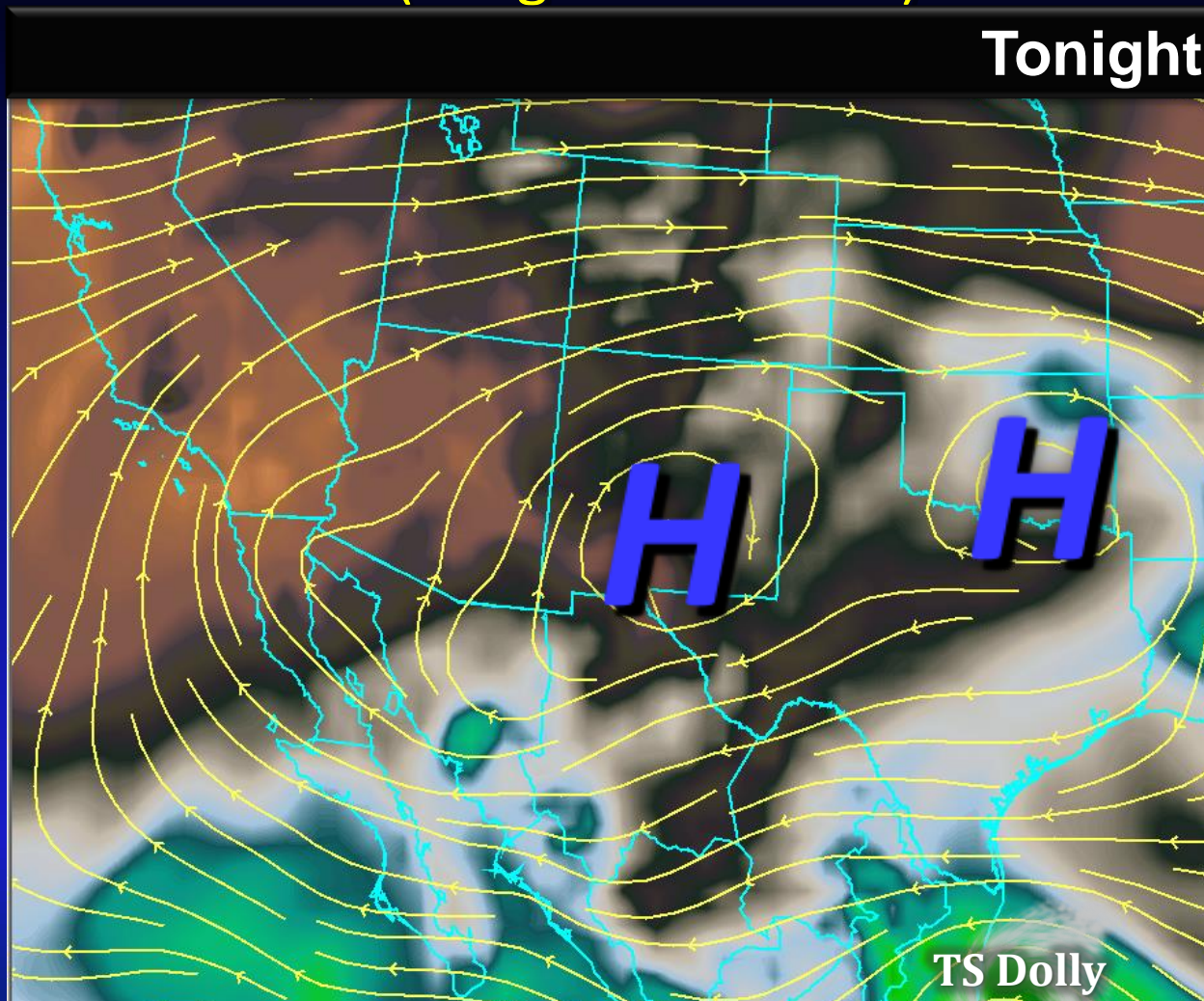
Precipitable Water (Moisture) Trends

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.





Upper Level Forecast Chart (Image is Moisture)

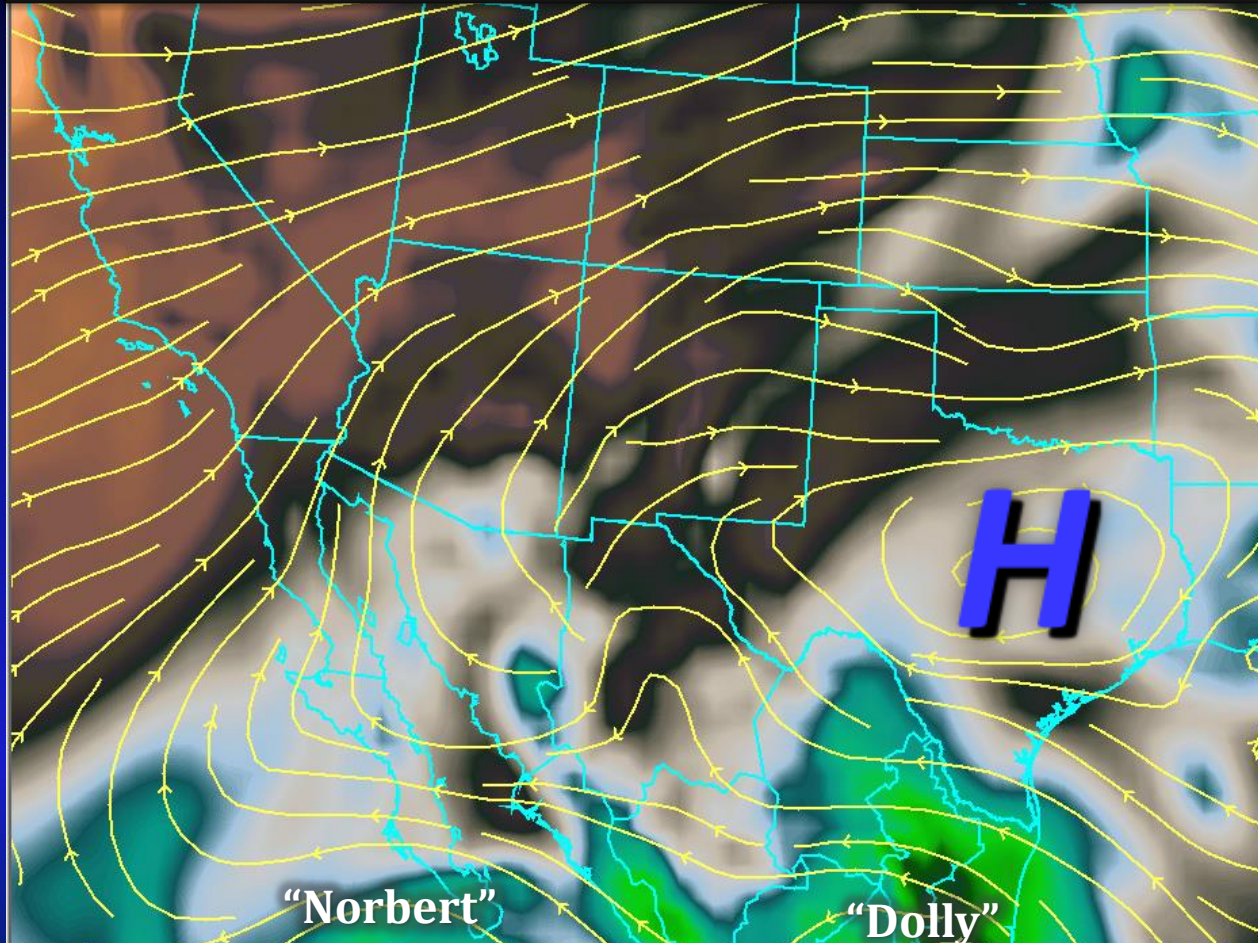


Tonight: High pressure aloft centered over southcentral NM. Enough moisture and instability to fuel an isolated storm or two across the NE/EC plains but not widespread.

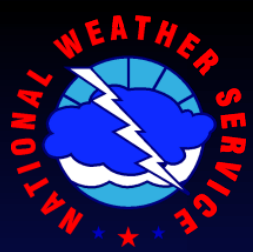


Upper Level Forecast Chart (Image is Moisture)

Wednesday

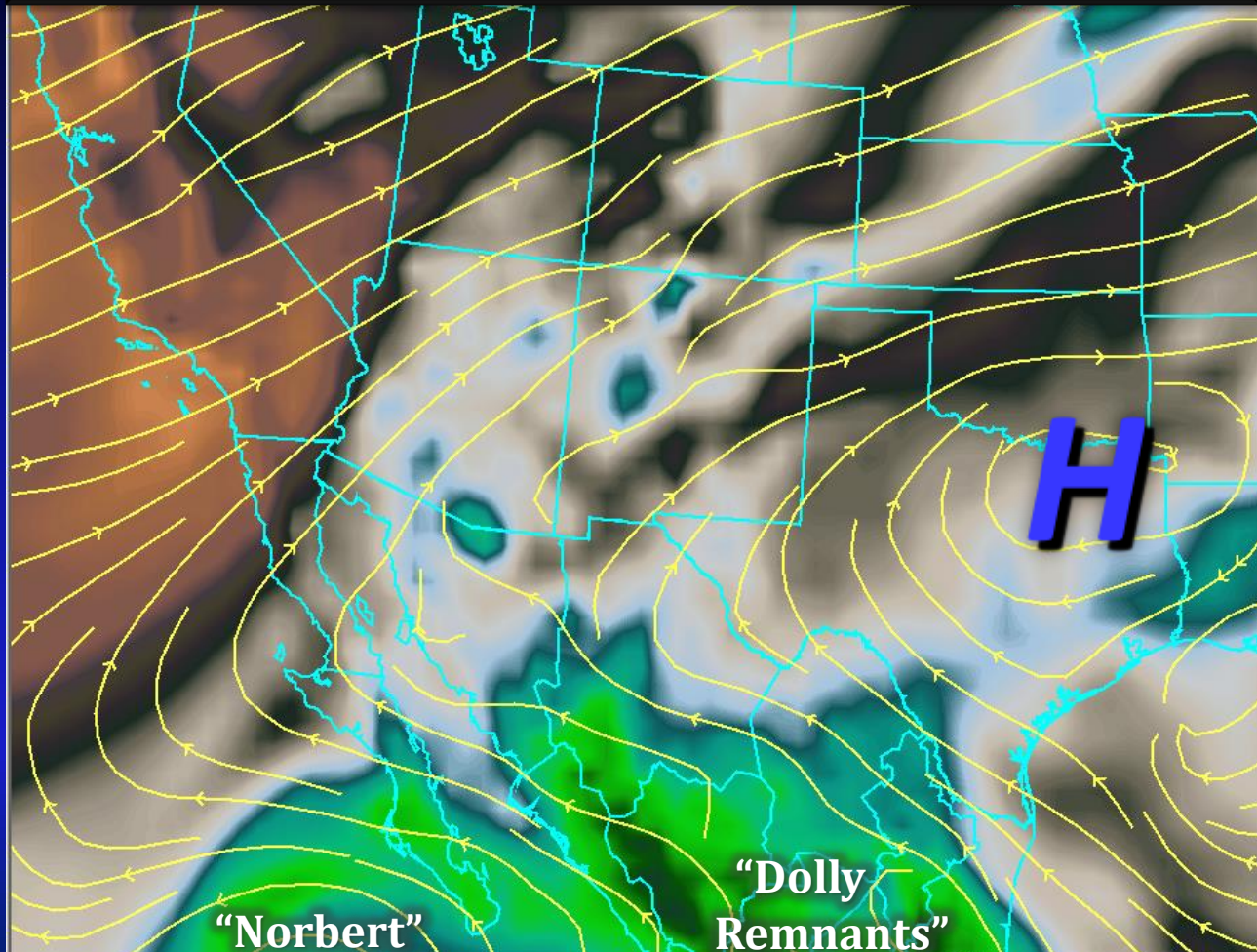


Wednesday: High pressure aloft reorganizes over central TX. Steering flow more SW to NE. Gradual moistening of the air mass especially SW.

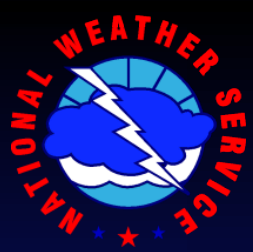


Upper Level Forecast Chart (Image is Moisture)

Thursday

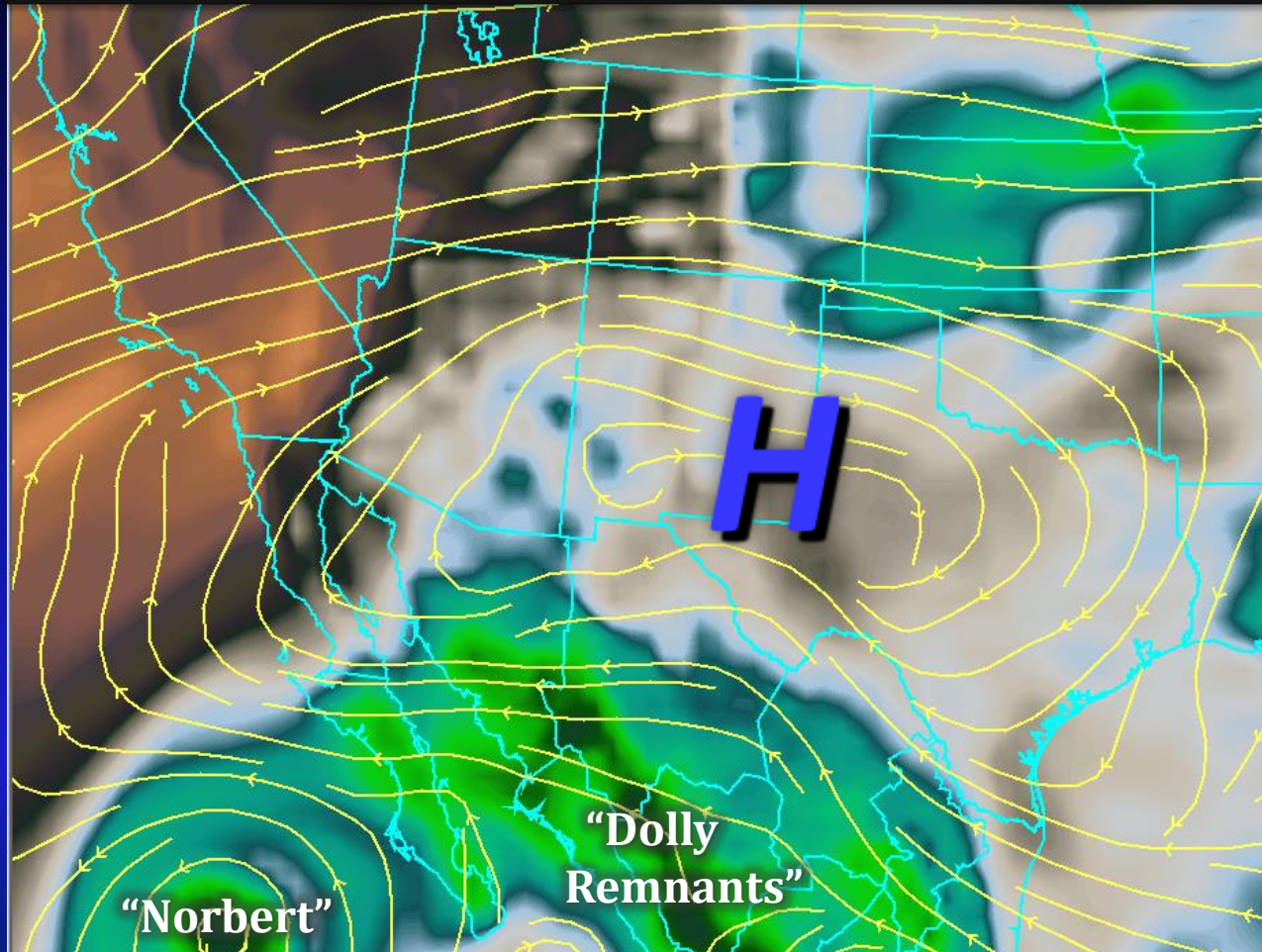


Thursday: Upper level pattern becomes more interesting with high pressure aloft anchored well east and increasingly moist southwest flow over the state.

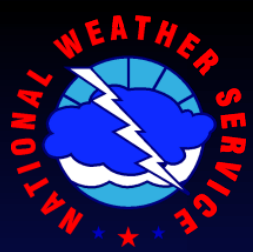


Upper Level Forecast Chart (Image is Moisture)

Friday



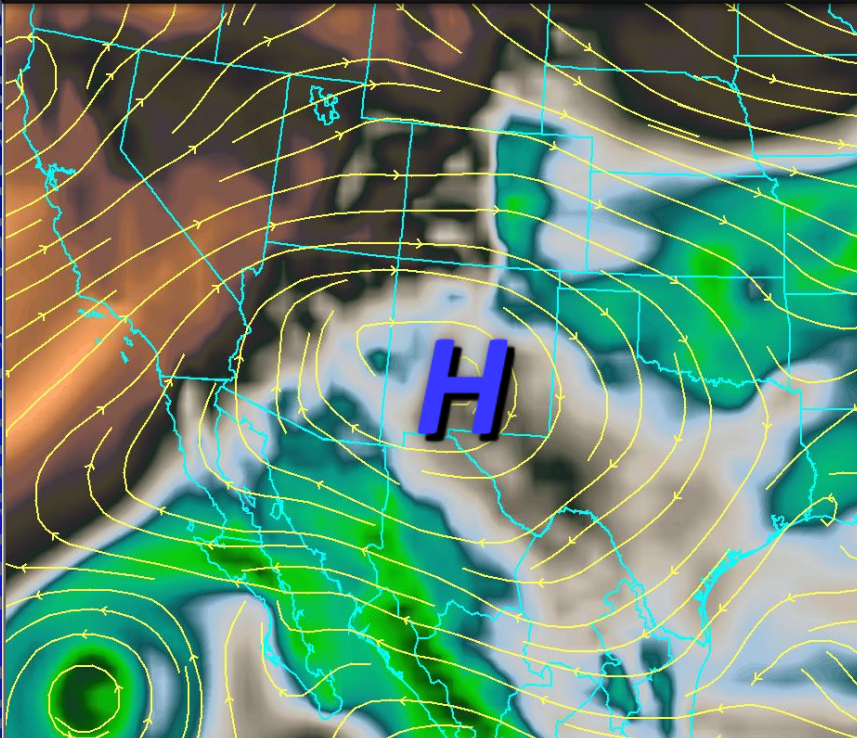
Friday: High pressure looks to shift a little farther westward toward southeast NM. Backdoor cold front into northeast NM later in the day. Steering winds will keep deep tropical moisture well south, but in close proximity!



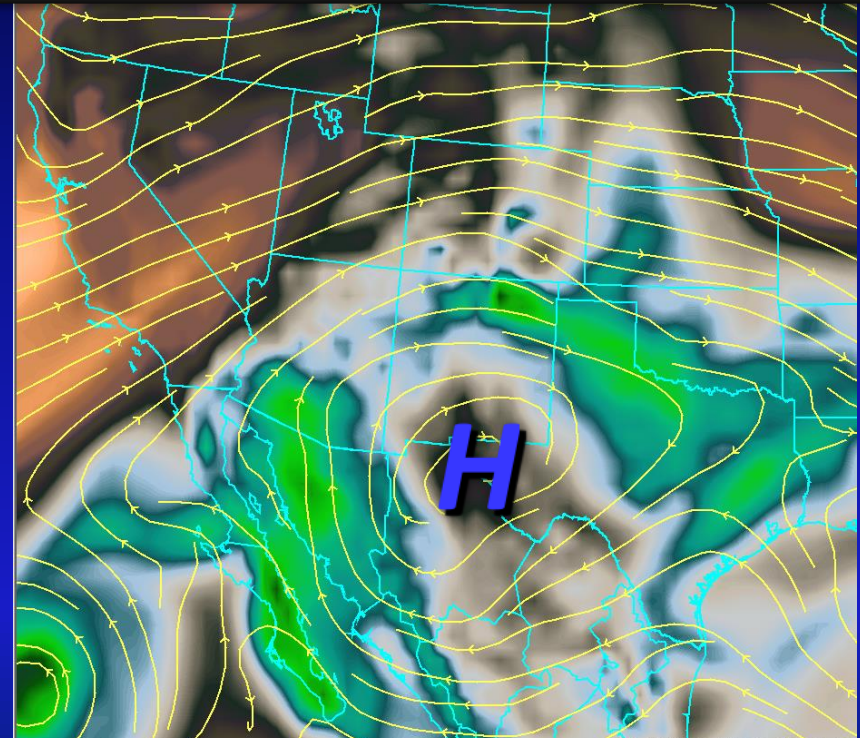
Upper Level Forecast Chart (Image is Moisture)

Weekend Outlook

Saturday



Sunday

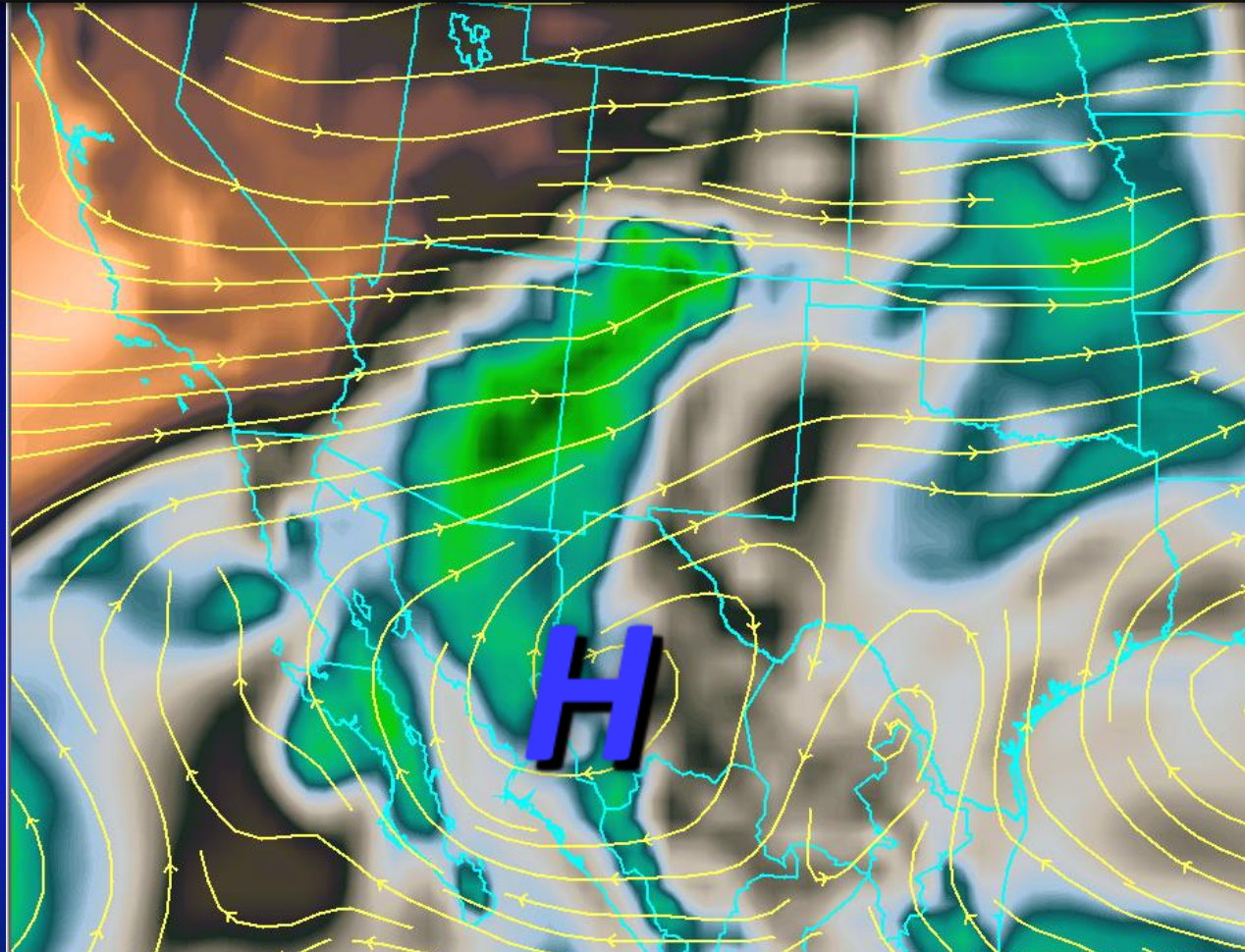


Weekend: High pressure aloft expected to meander between southcentral NM and far west TX. Deepest slugs of moisture may be directed more into AZ.



Upper Level Forecast Chart (Image is Moisture)

Monday, September 8th Outlook



Monday: Significant slug of moisture indicated to impact the western half of NM. Stay tuned!

Burn Scar

Thunderstorm Threat Matrix

<u>Burn Scar</u>	Today	Wednesday	Thursday	Friday	Saturday
Assayii Lake	None	None	Slight	Slight	Moderate
Diego	None	None	Slight	Moderate	Moderate
Jaroso	None	None	Slight	Moderate	Moderate
Las Conchas	None	None	Slight	Slight	Slight
Little Bear	None	Slight	Slight	Slight	Slight
Pacheco	None	None	Slight	Slight	Slight
Thompson Ridge	None	None	Slight	Slight	Moderate
Tres Lagunas	None	None	Slight	Slight	Slight
White	None	Slight	Slight	Slight	Slight
Whitewater-Baldy	None	Slight	Slight	Slight	Slight

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%

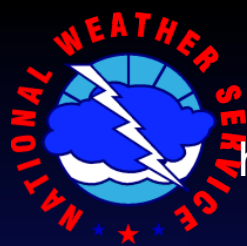
Slight = 10-30%

Moderate = 40-60%

High = 60% +



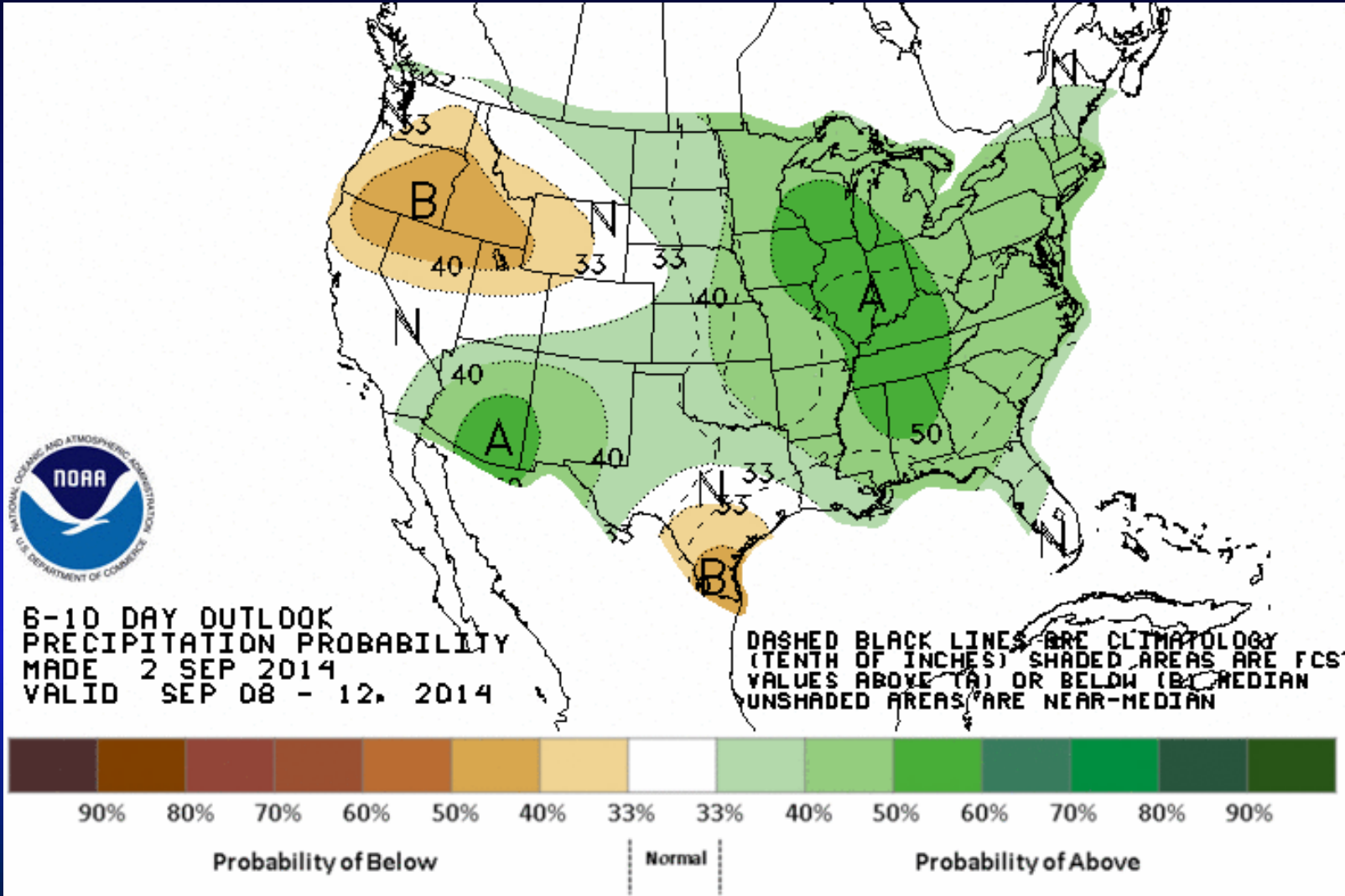
315 AM MDT
Tue Sep 2 2014
National Weather Service
Albuquerque, NM

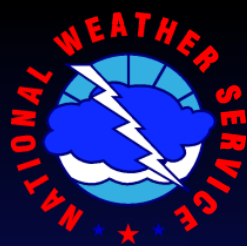


6-10 Day Precip Outlook: Sep 8-12

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

Weekly Weather Briefing



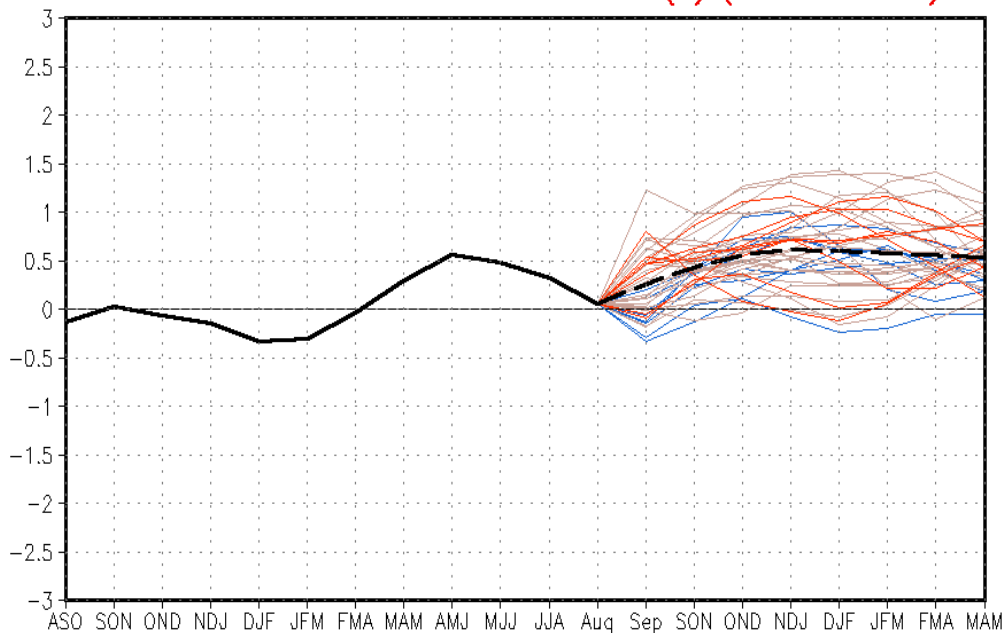


Rebound Continues... Approaching Marginal El Niño Status

Issued by CPC: 2 September 2014

The CFS.v2 ensemble mean (black dashed line) predicts El Niño starting around September-November 2014 and lasting through early 2015.

CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)



— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
- - - Forecast ensemble mean
— NCDC daily analysis

(Model bias correct base period: 1999–2010; Climatology base period: 1982–2010)

The latest weekly SST departures are:

Niño 4	0.5°C
Niño 3.4	0.4°C
Niño 3	0.4°C
Niño 1+2	0.8°C

Niño 3.4 is key monitoring region

(threshold +0.5°C for 3 consecutive months)

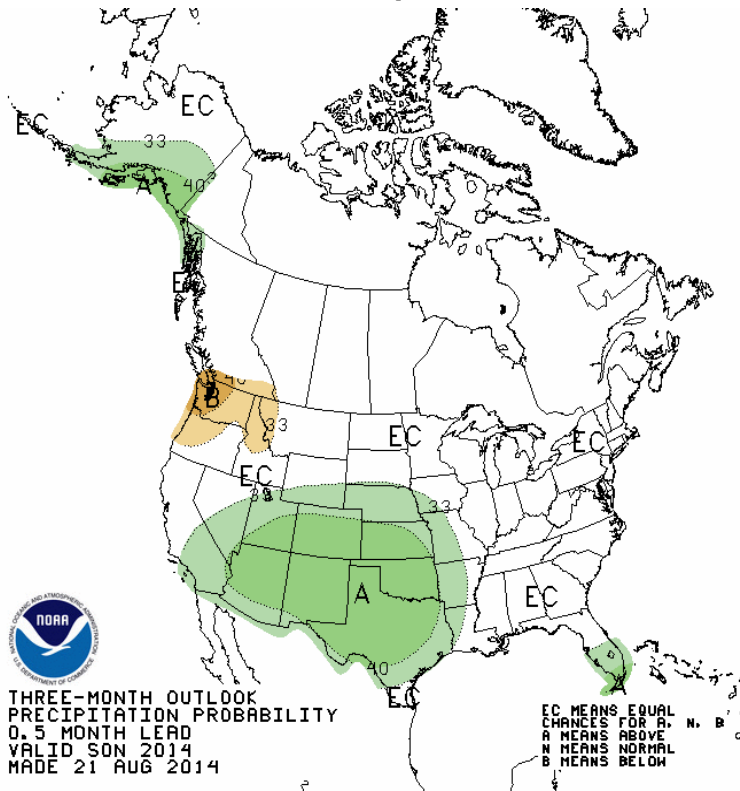


U. S. Seasonal Outlooks

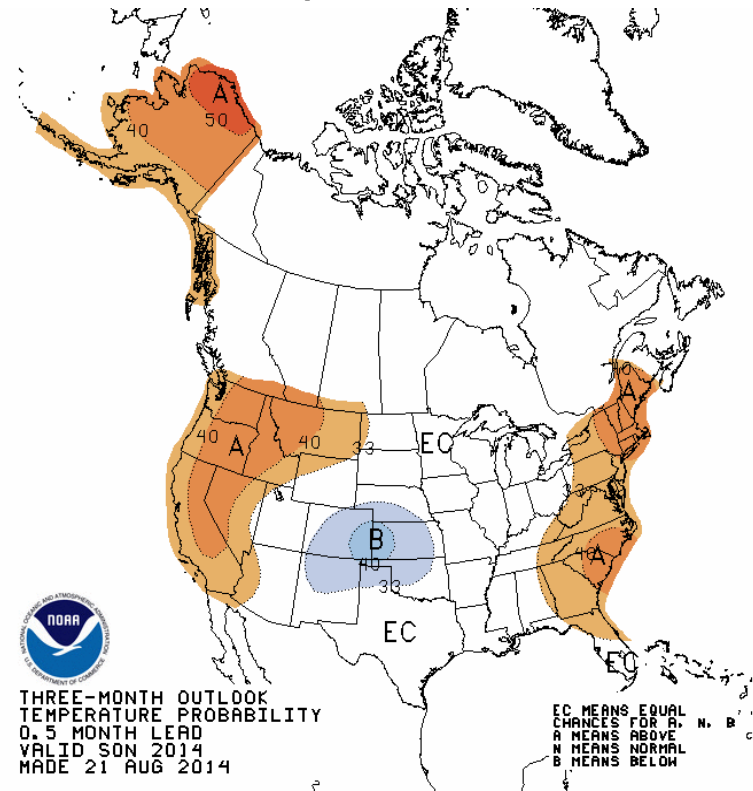
September - November 2014

The seasonal outlooks combine the effects of long-term trends, soil moisture, and, when appropriate, ENSO.

Precipitation



Temperature



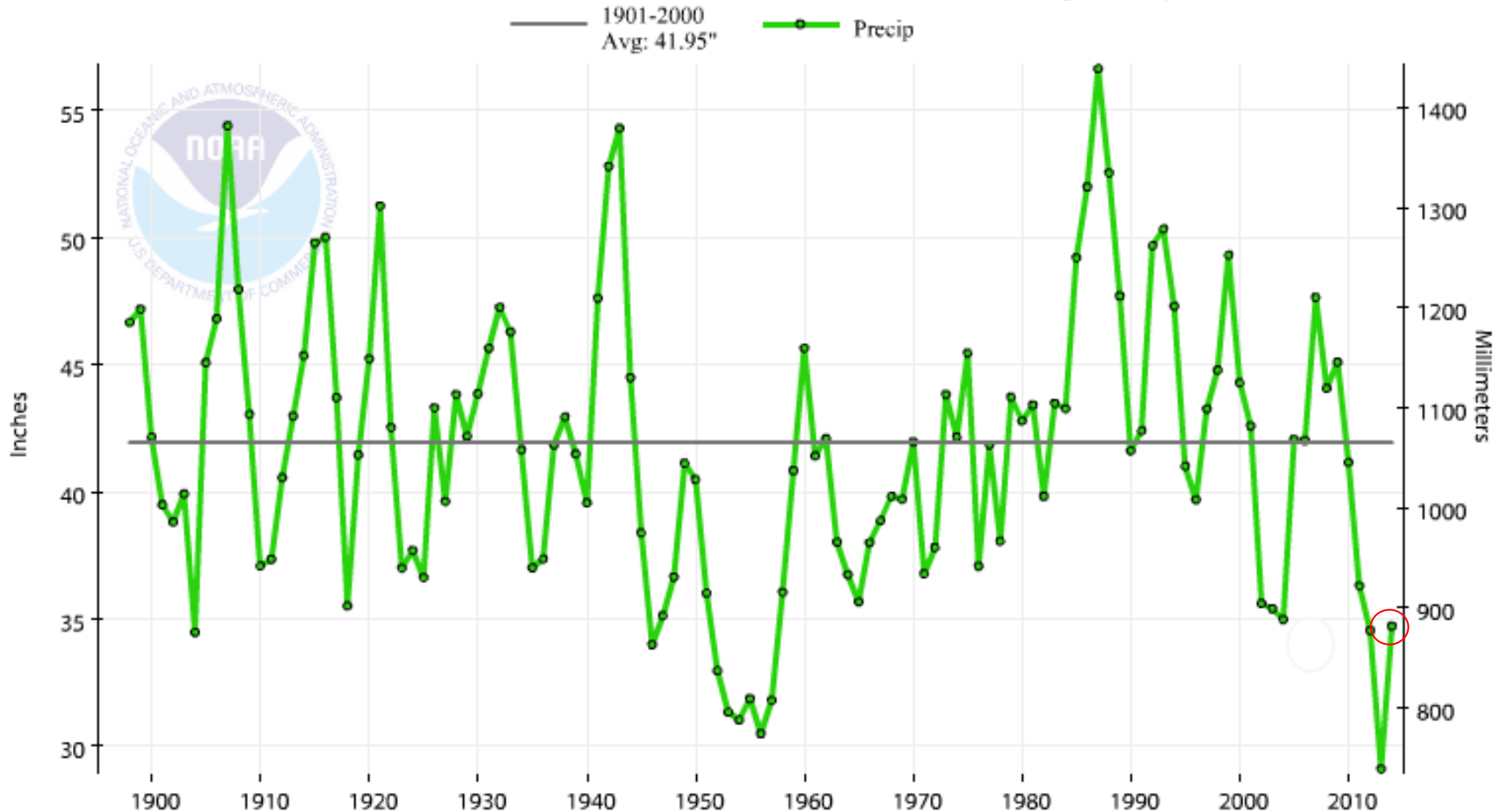


36 Month (August 2011 – July 2014)

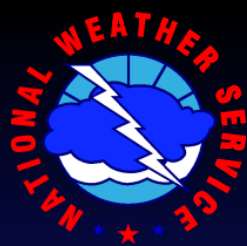
NM Precipitation Rank (11th driest -7.23")

Statewide Average 83% of Normal






New Mexico, Precipitation, 36-Month Period Ending in July







48 month: 4th driest...60 month: 7th driest



Week at Glance

-  **Tonight** (Isolated T-storm EC/NE?)
-  **Wednesday** (Isolated T-storm)
-  **Thursday** (Isold-Sct T-storms)
-  **Friday** (Isold-Sct T-storms, focus NE)
-  **Weekend** (Sct -Nmrs T-storms, focus west & north)

Hazards & Impacts

-  None
-  Minor
-  Significant
-  Major

SYNOPSIS: Dry pattern will transition to a much wetter and more showery one ending to the work week through Thursday. Some showers and storm will be heavy through the weekend, with widespread showers continuing into the first of next week.



We Need YOU...

WRN Ambassadors are change agents and leaders of their communities. You will inspire others to be better informed and prepared – helping to minimize or even avoid the impacts of natural disasters.

The Ambassador's badge signifies your commitment as a trusted partner in building community resilience in the face of increasing vulnerability to extreme weather and water events.

25 NEW WRN Ambassadors!



- Any organization across all levels of government, businesses large and small, non-profit and non-governmental organizations, and academia can become WRN Ambassadors. A broadcast meteorologist who advocates weather preparedness on-air
- Contact Kerry Jones directly for application info.



As always...

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- ▶ NMroads.com