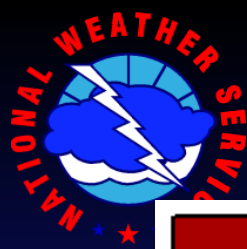


Weekly Weather Briefing

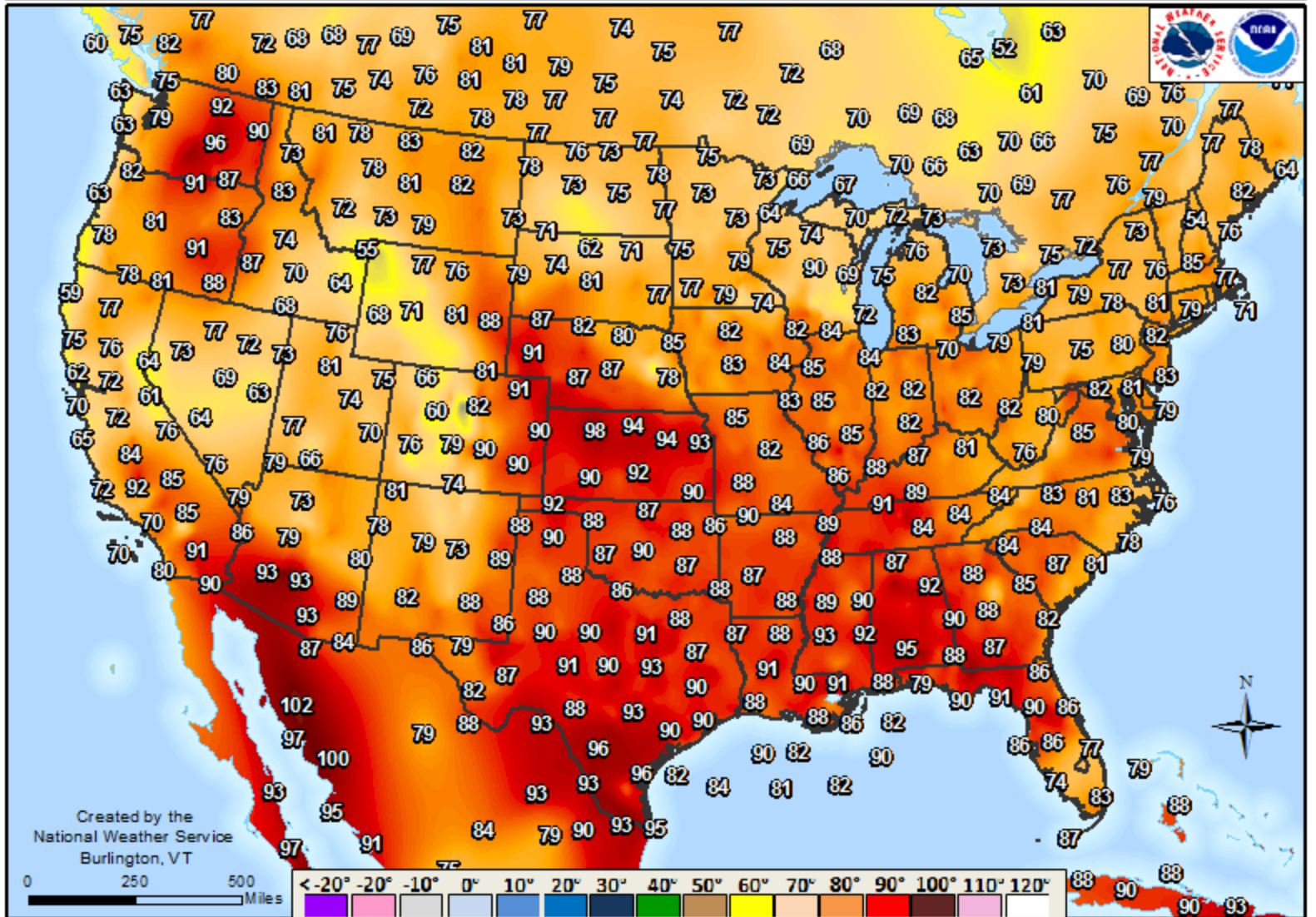
“Wet, Then Dry, Then Wet”

NWS Albuquerque
August 4, 2014

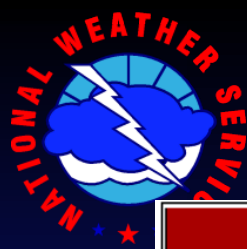


Most Recent Temperatures

Temperatures As Of: 8/4/2014 3 PM EDT



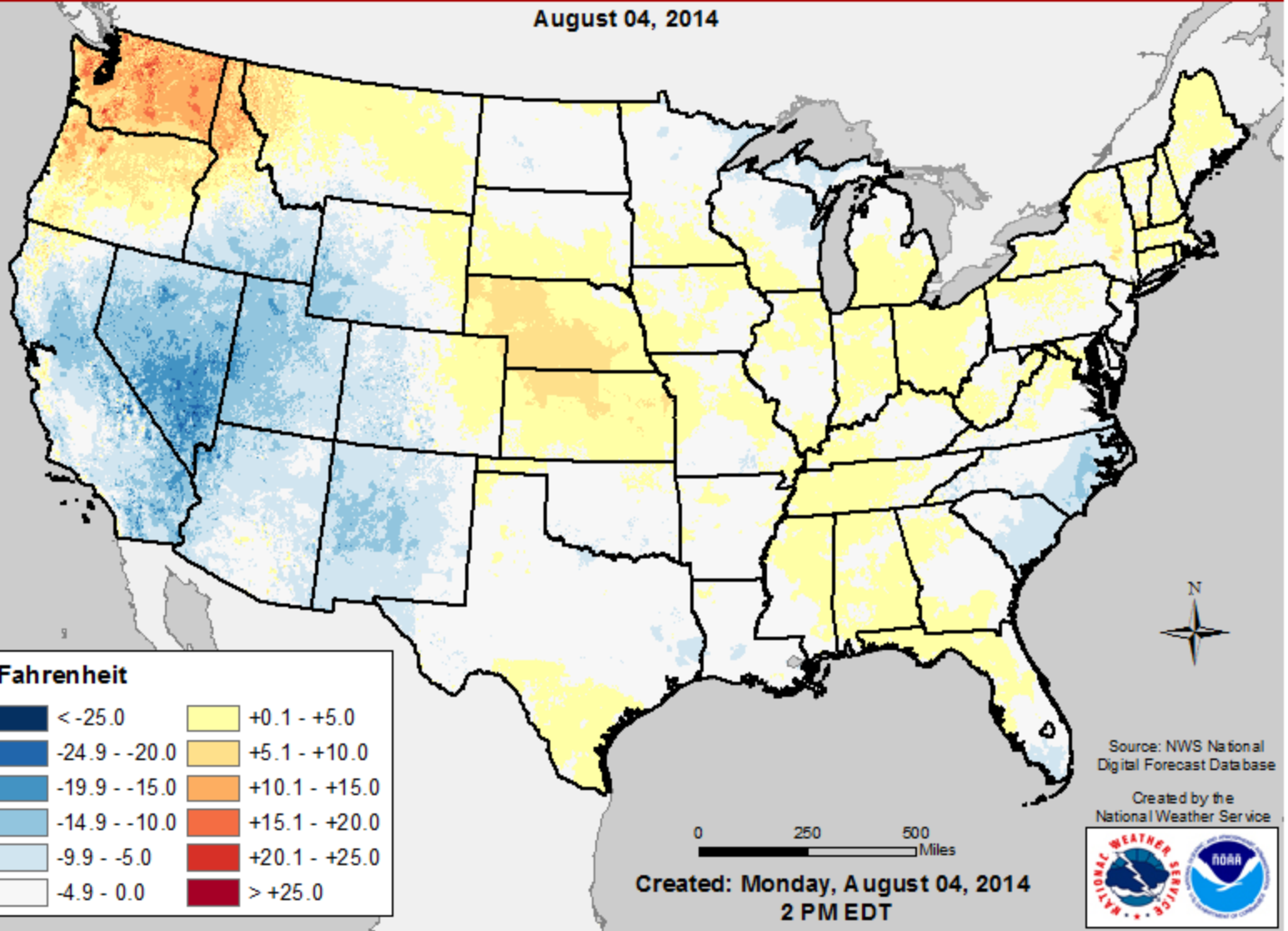
Weekly Weather Briefing

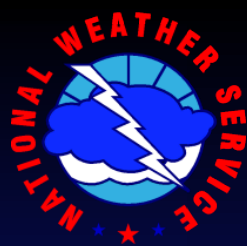


Today's Max Temp Departure from Normal

National High Temperature Departure From Normal Forecast

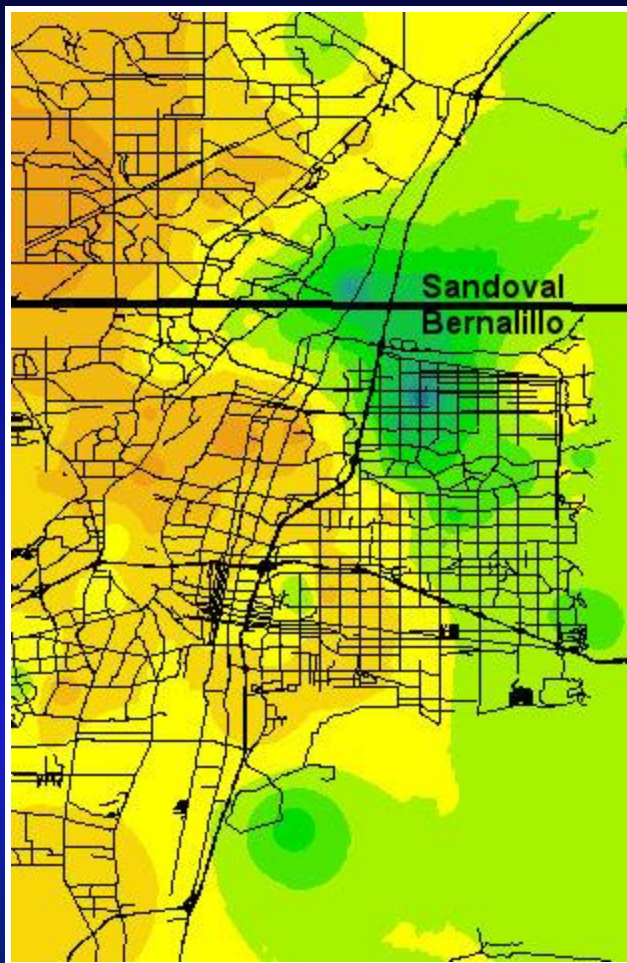
August 04, 2014



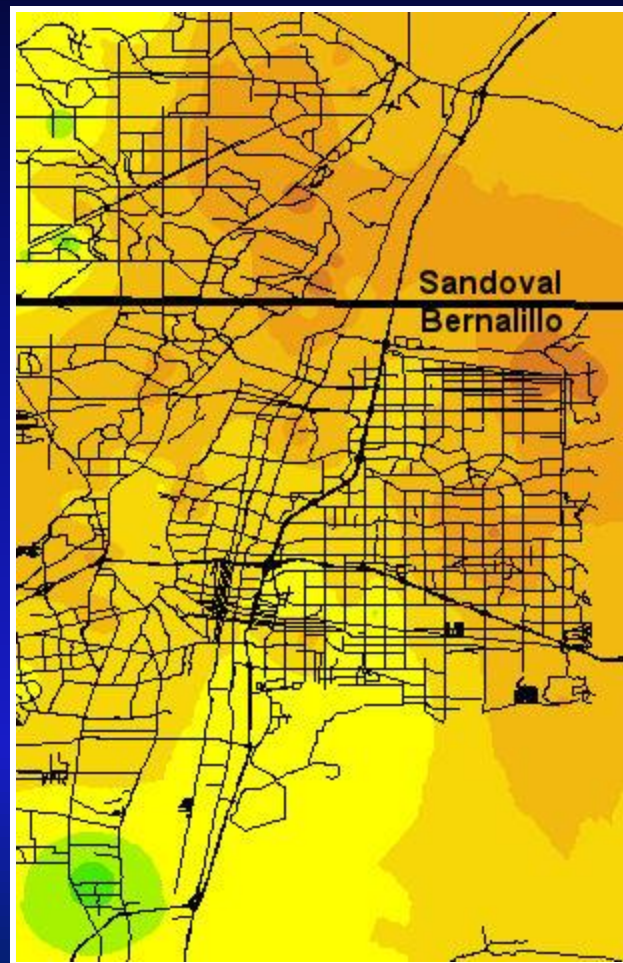


July Precip Distribution in ABQ Metro

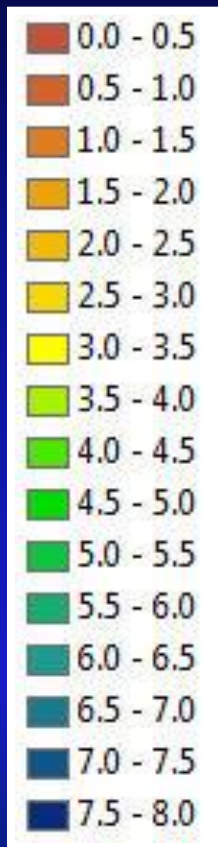
Weekly Weather Briefing

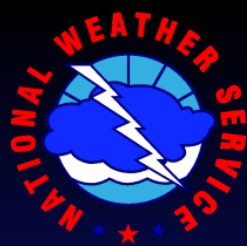


July 2013



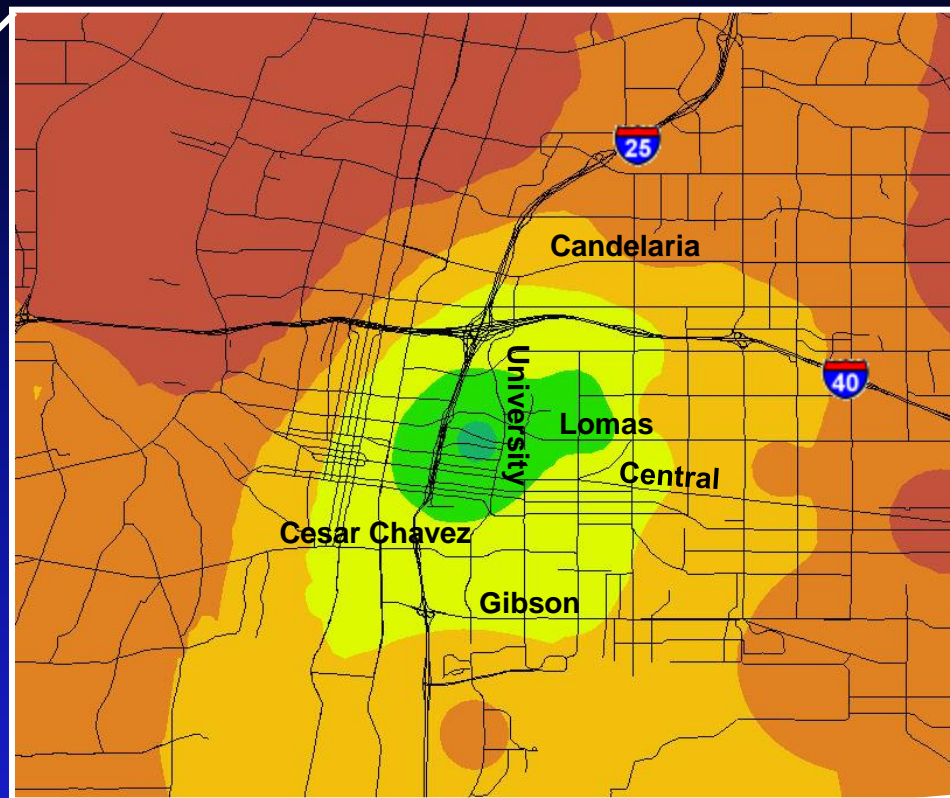
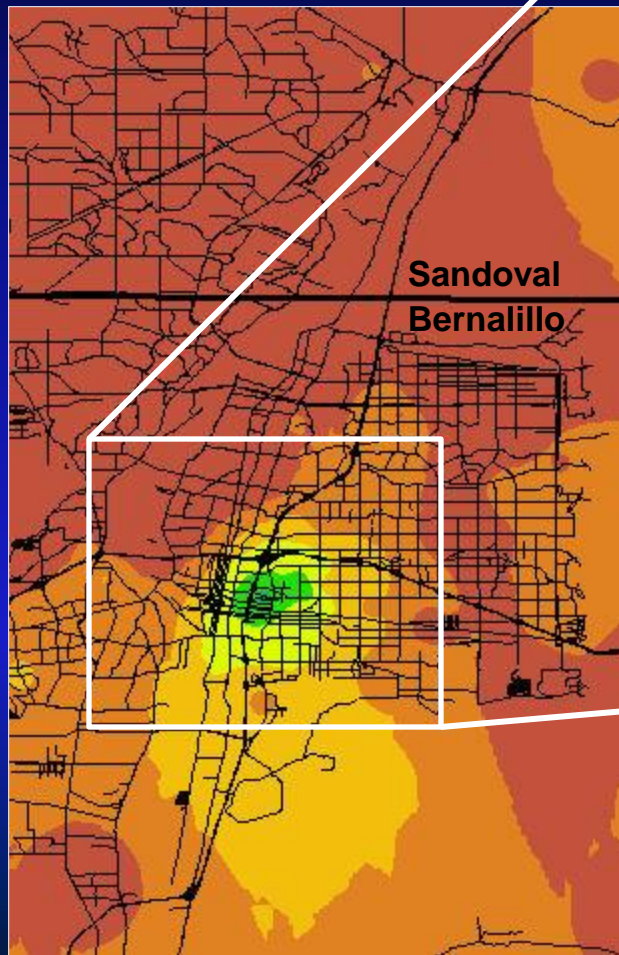
July 2014



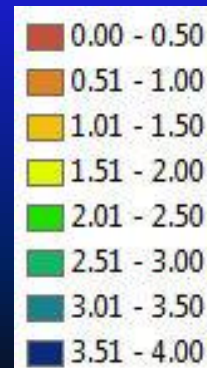


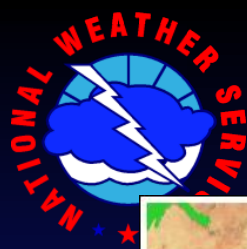
August 1st Albuquerque Metro Precipitation

Weekly Weather Briefing



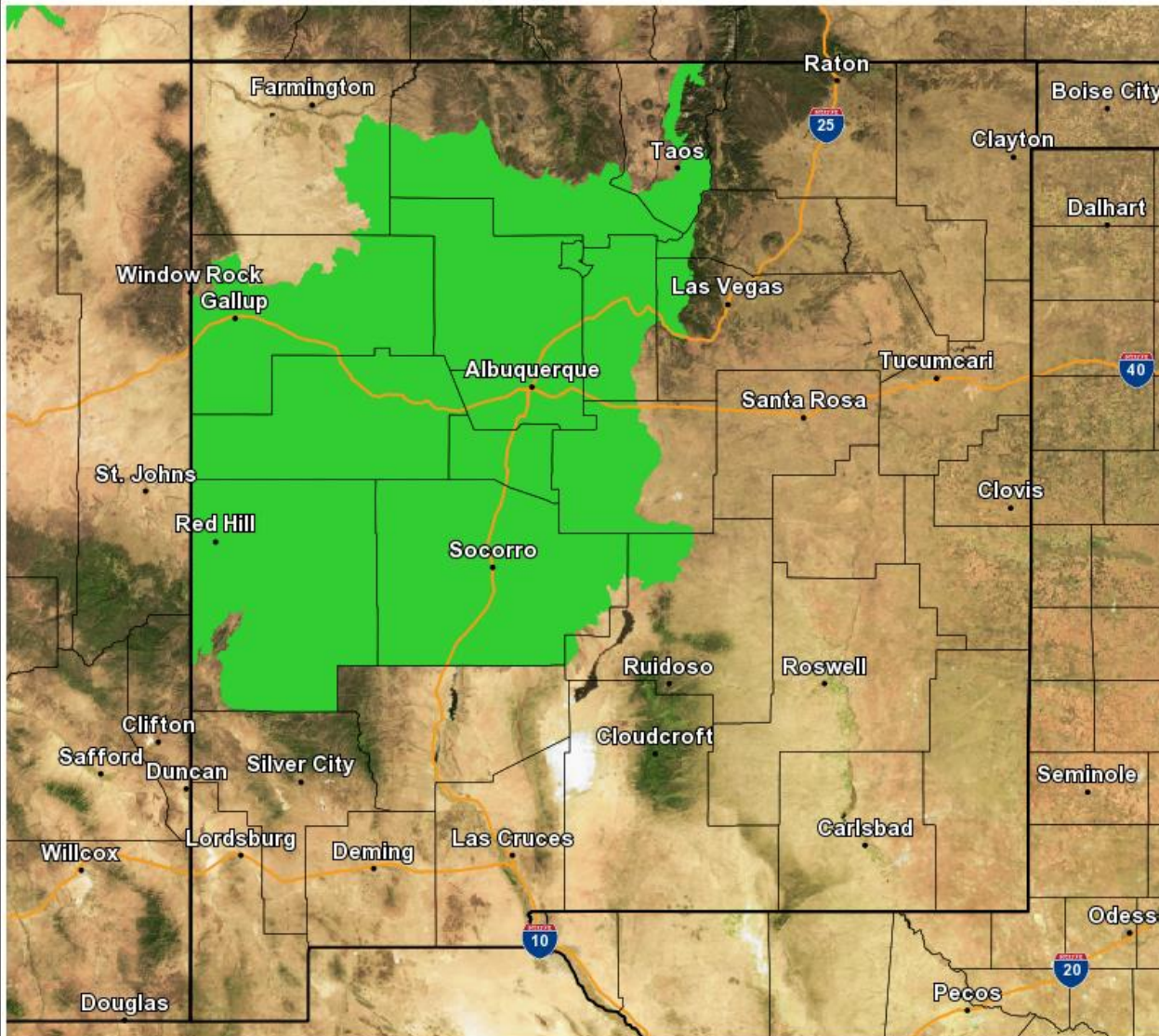
Greatest Total: 2.77" near
Las Lomas and University





Flash Flood Watch in Effect until 10 pm

Weekly Weather Briefing



Latest NWS Watch
Warnings and Advisories

Flash Flood Watch Pop: 1,198,546

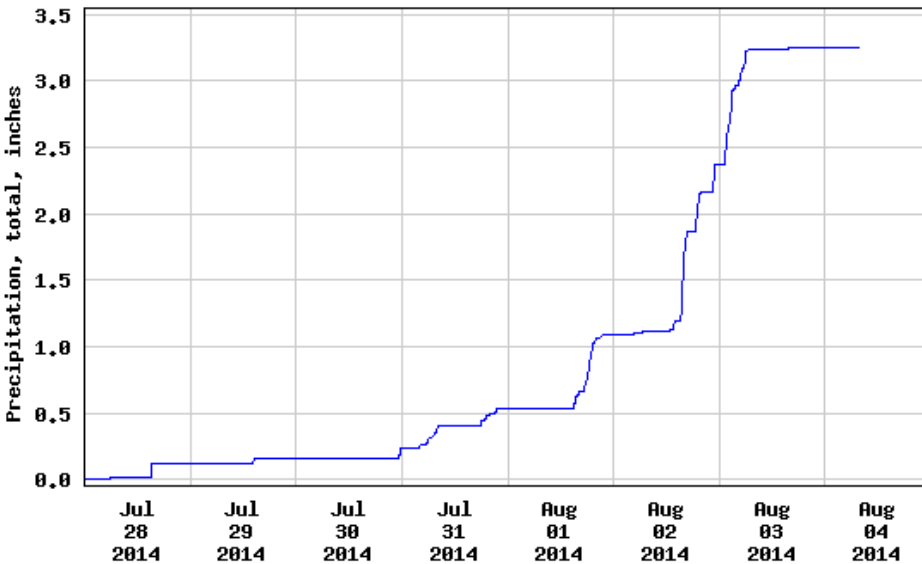


**Abundant
moisture,
Slow moving
and training
storms**



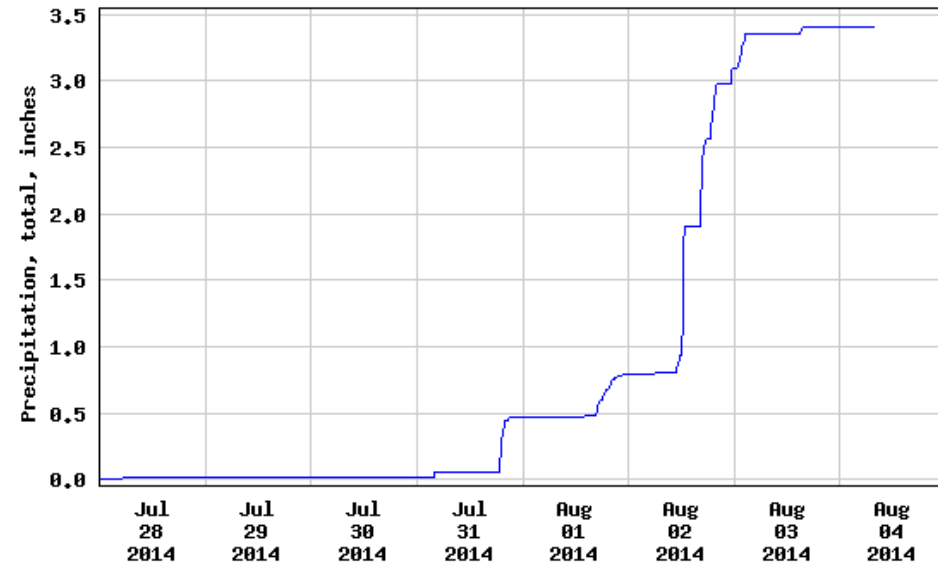
Whitewater-Baldy Precipitation Gages

USGS 331950108383800 HUMMINGBIRD SADDLE PRECIP NEAR GLENWOOD, NM



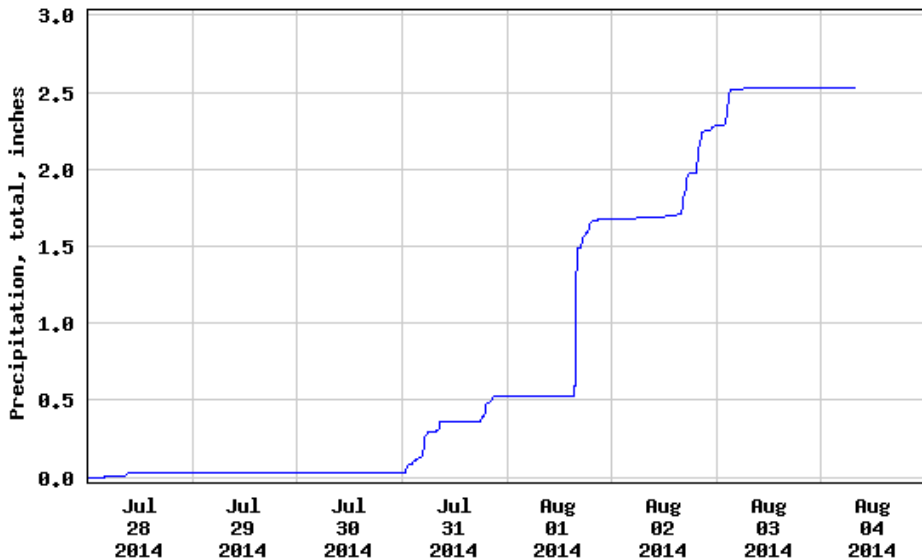
----- Provisional Data Subject to Revision -----

USGS 331421108484500 SHERIDAN CORRAL PRECIP NEAR GLENWOOD, NM



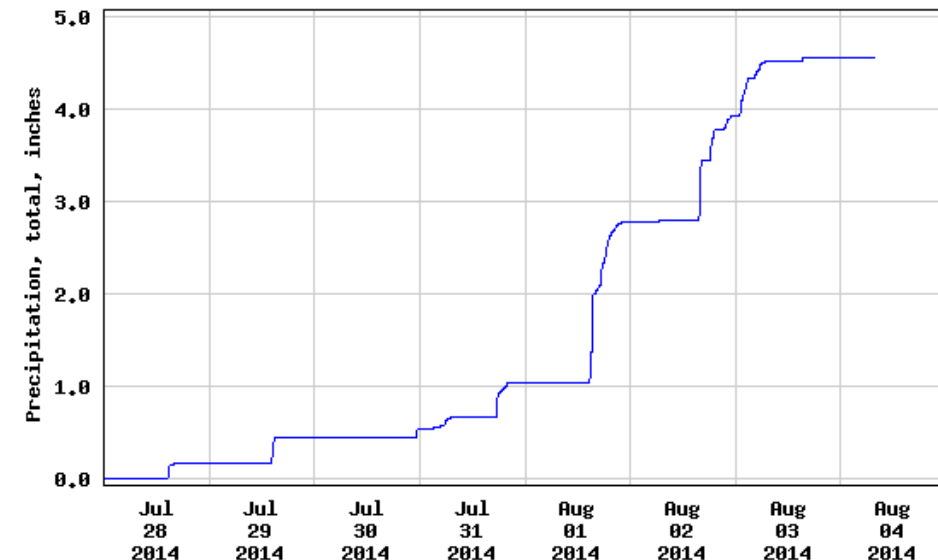
----- Provisional Data Subject to Revision -----

USGS 09442980 MINERAL CREEK NEAR GLENWOOD, NM



----- Provisional Data Subject to Revision -----

USGS 331617108353900 HOGGOLLON BALDY LOOKOUT PRECIP NEAR GLENWOOD, NM

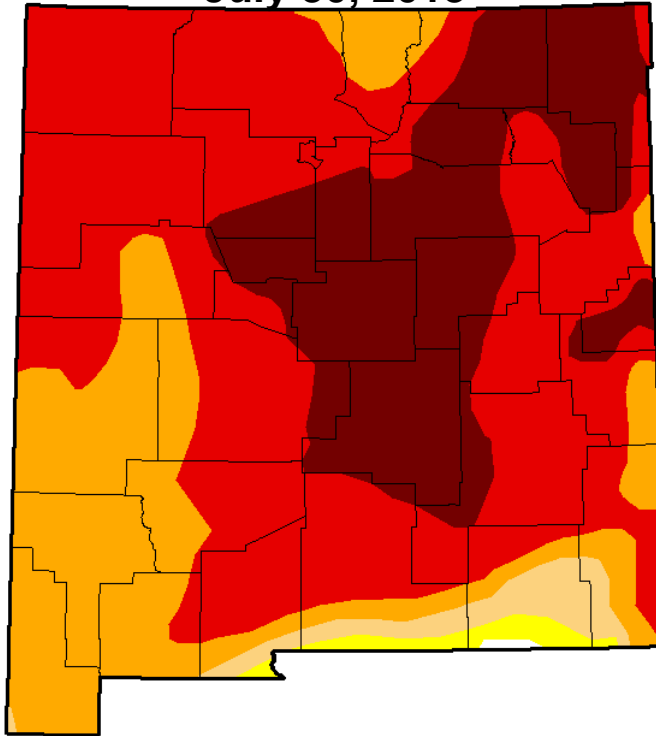


----- Provisional Data Subject to Revision -----

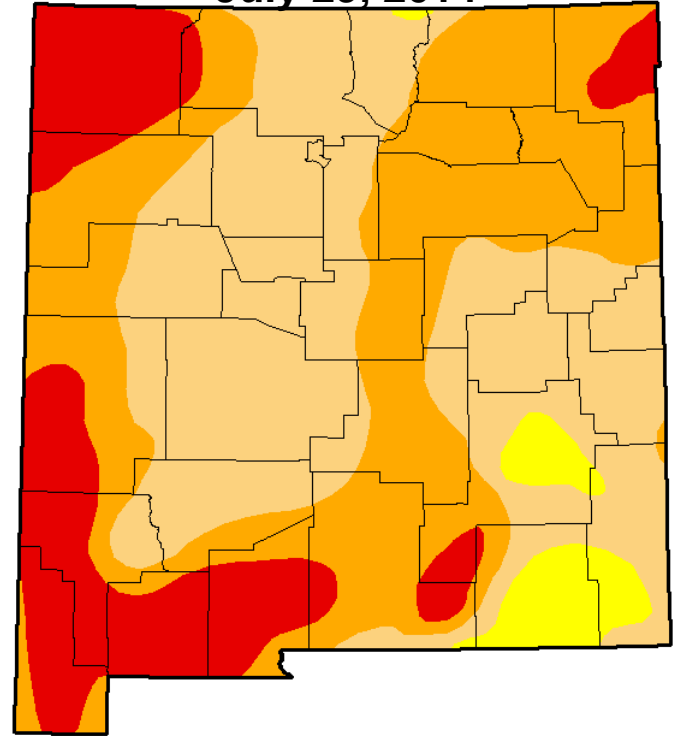


Drought Improvement

U.S. Drought Monitor
New Mexico
July 30, 2013



U.S. Drought Monitor
New Mexico
July 29, 2014



Intensity:

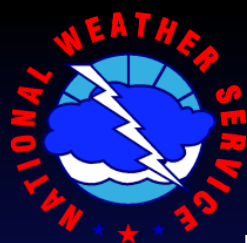
- | | |
|---|--|
|  D0 Abnormally Dry |  D3 Extreme Drought |
|  D1 Moderate Drought |  D4 Exceptional Drought |
|  D2 Severe Drought | |



Short term Drought vs. Long Term Drought in Albuquerque

	Actual Rainfall	Normal Rainfall	Difference
2014 so far	5.69	4.88	+0.81
2013	9.32	9.45	-0.13
2012	5.46	9.45	-3.99
2011	4.72	9.45	-4.73
Totals	25.19	33.23	-8.04

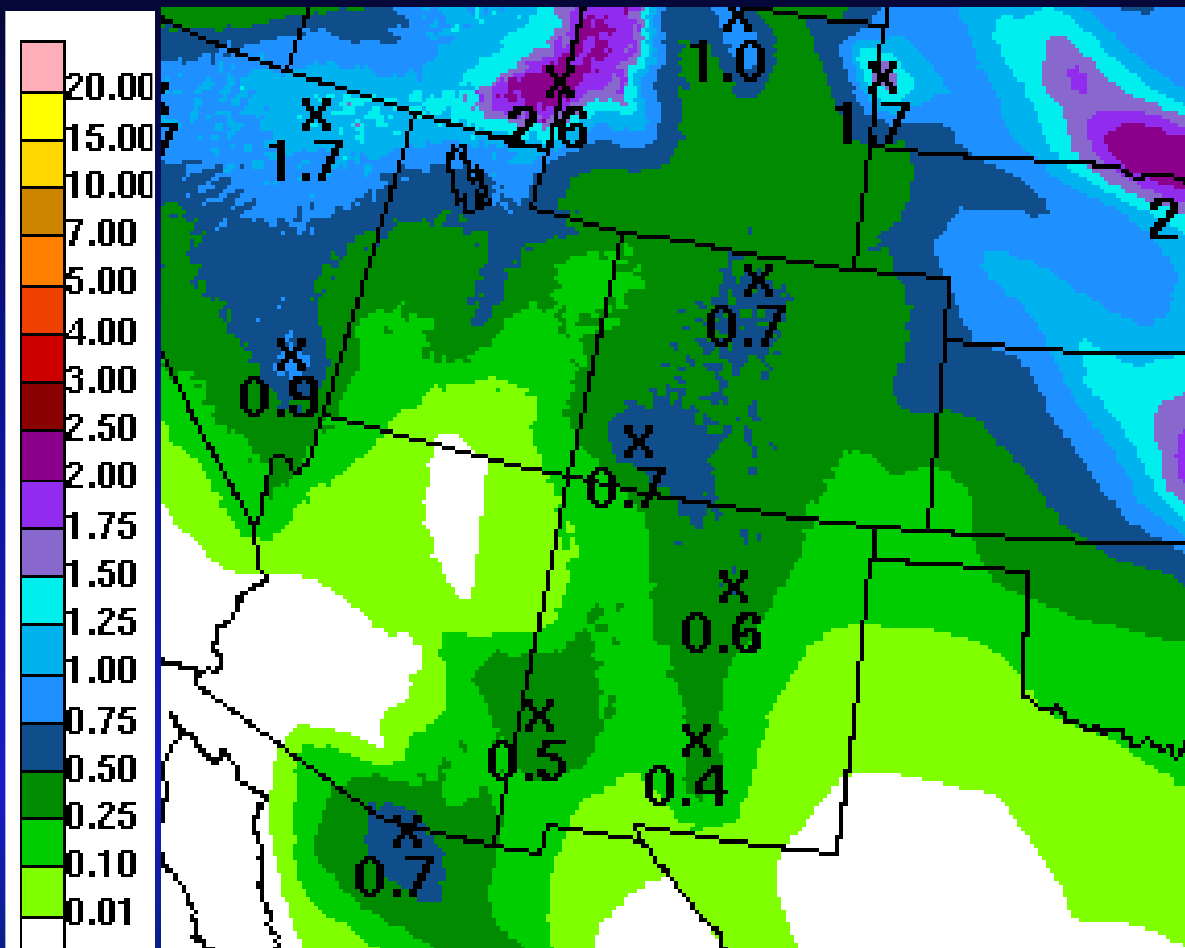
Short term drought has significantly improved, thanks to above normal precipitation so far this year. However, the long term drought, though improving, persists. Since the start of 2011, Albuquerque is still behind just over 8 inches of rain.



Less Active This Week

But Remember it Only Takes One Storm!

Weekly Weather Briefing

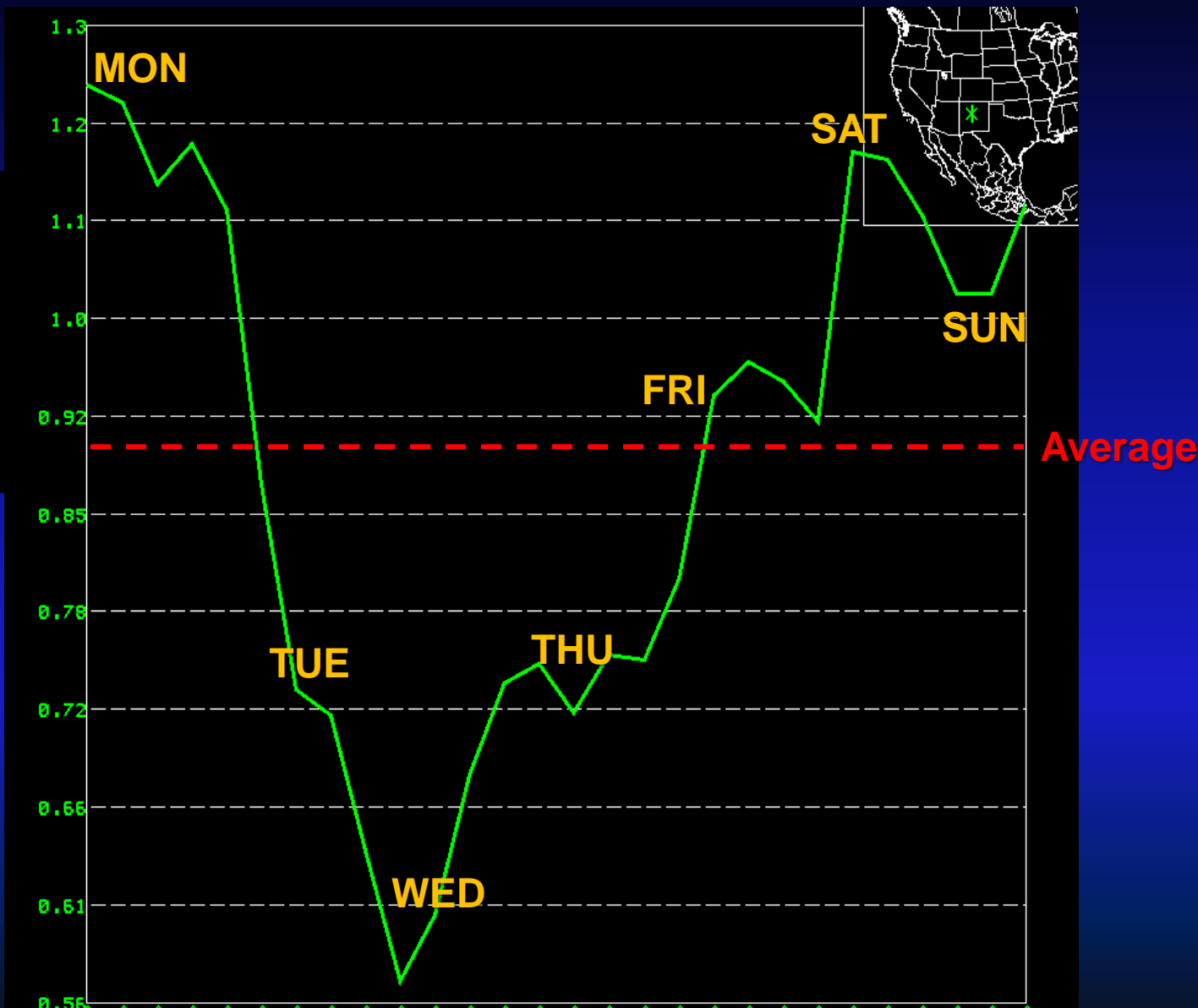


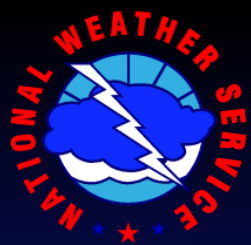
WPC 7-day Precipitation



Precipitable Water (Moisture) Trends

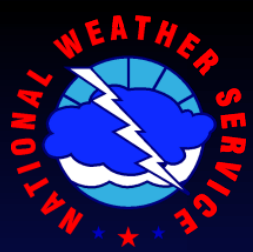
Precipitable water, measured in inches, is the depth of water in a column of the atmosphere if all the water in that column were precipitated as rain.





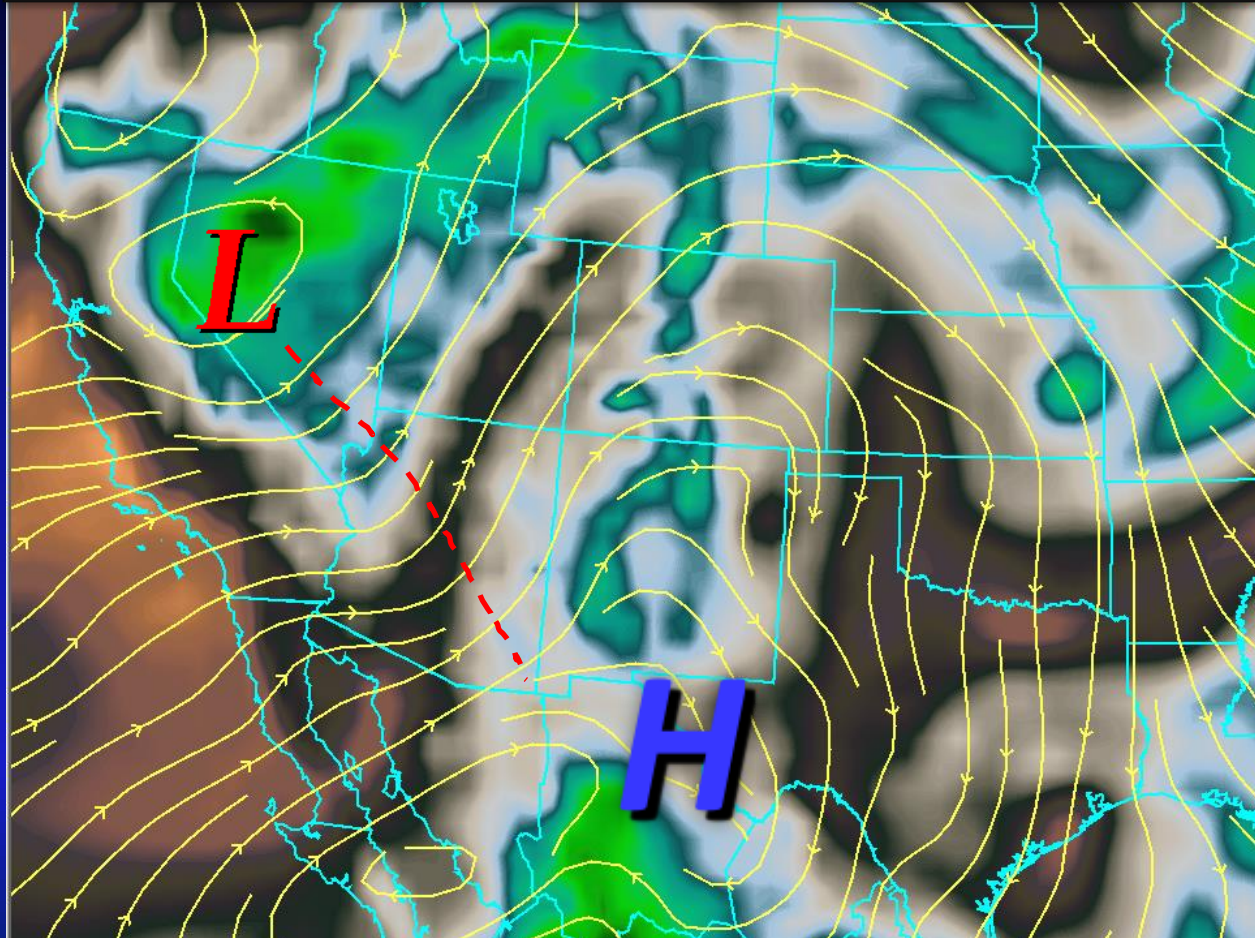
Weekly Weather Briefing

Forecast Details

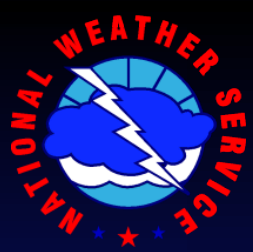


Upper Level Forecast Chart (Image is Moisture)

Tonight

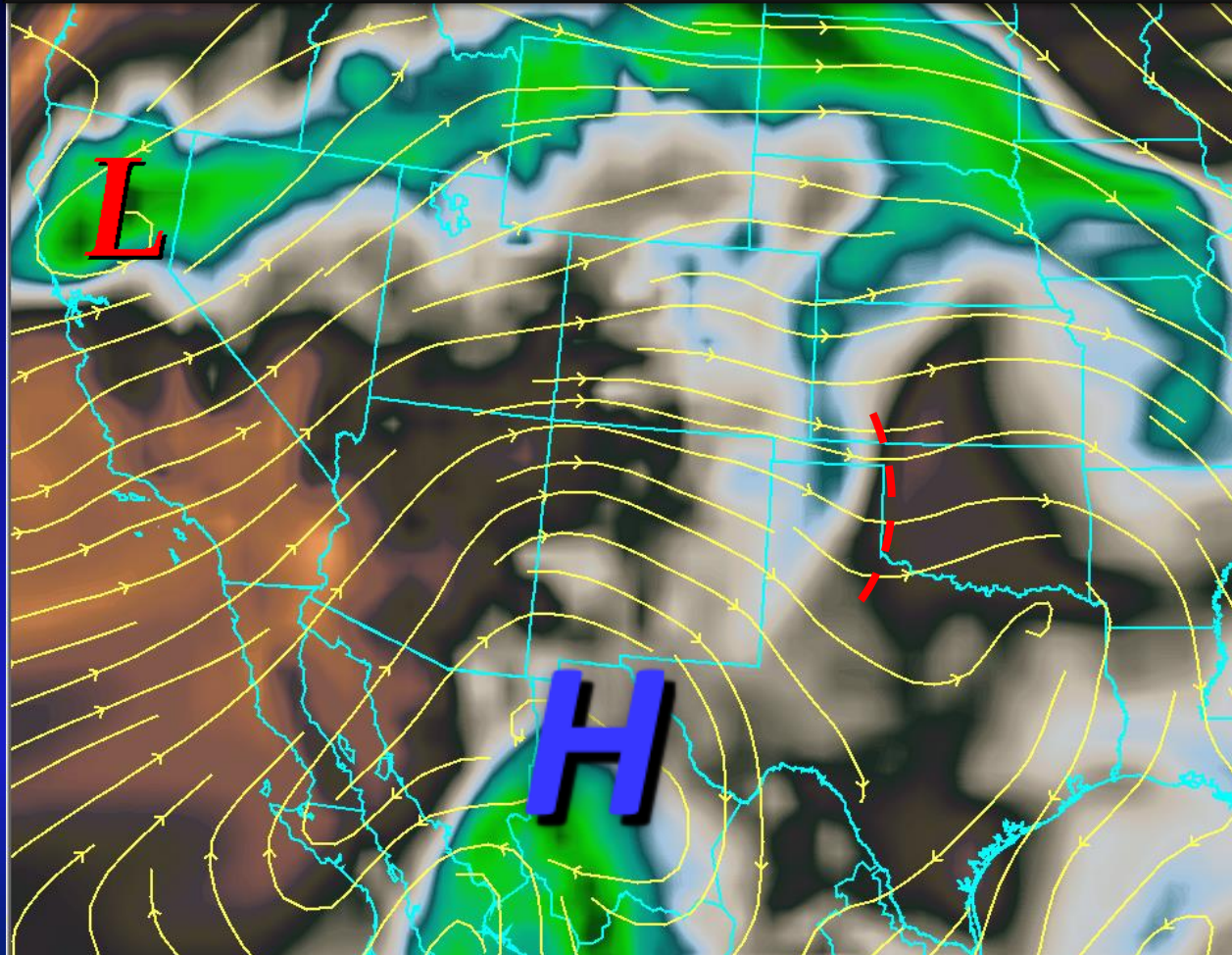


Tonight: Upper level disturbance over the Great Basin will result in continued showers and t-storms into the evening. Slow moving storms, and abundant moisture will result in flash flooding potential along/west of the central mtns.

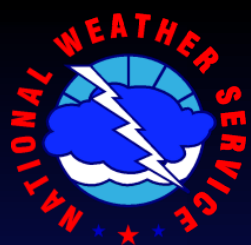


Upper Level Forecast Chart (Image is Moisture)

Tuesday

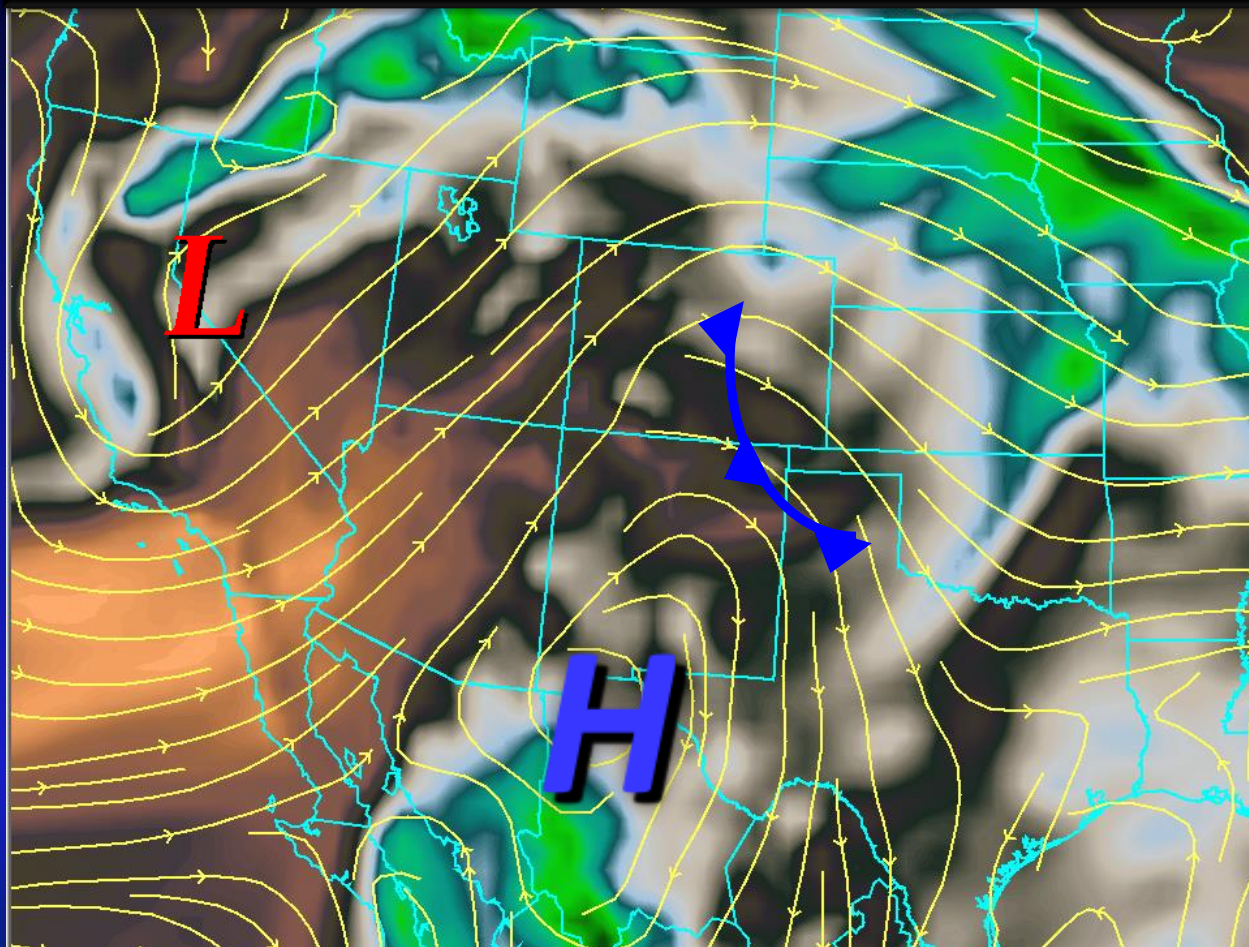


Tuesday: Drier air moves into western NM. Storms focus over high terrain and northeast. Less storm coverage than Monday.

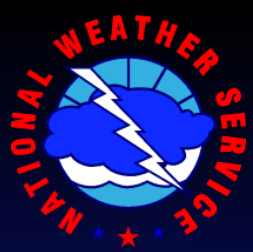


Upper Level Forecast Chart (Image is Moisture)

Wednesday

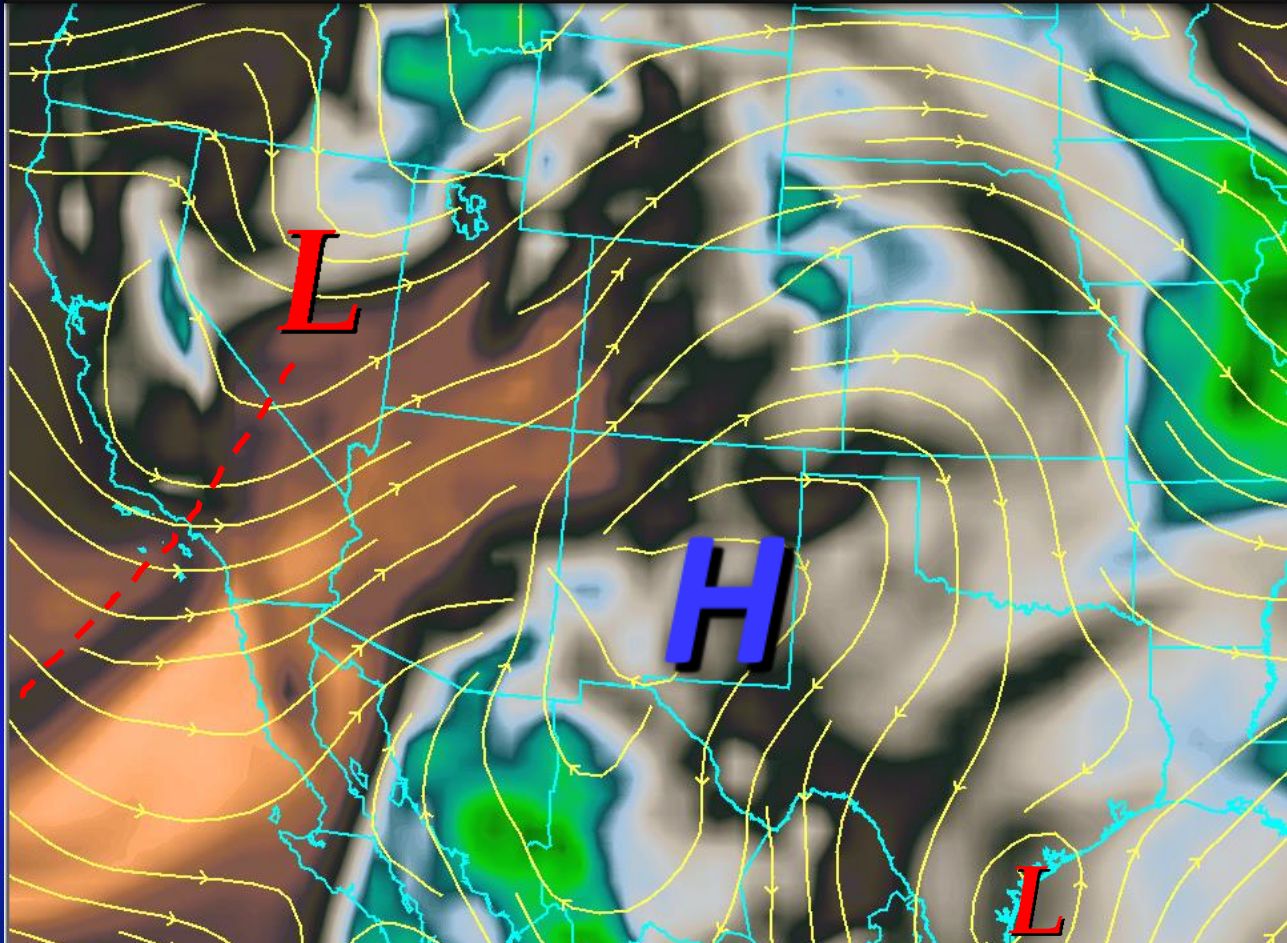


Wednesday: Dry air continues to nose into NM as upper level high builds northward. Weak back door cold front will provide little, if any, moisture boost. Wed could be the driest/warmest day of the week! Temps near/above normal!

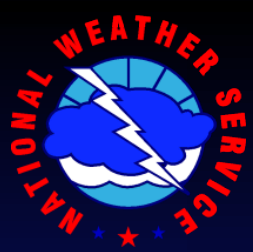


Upper Level Forecast Chart (Image is Moisture)

Thursday

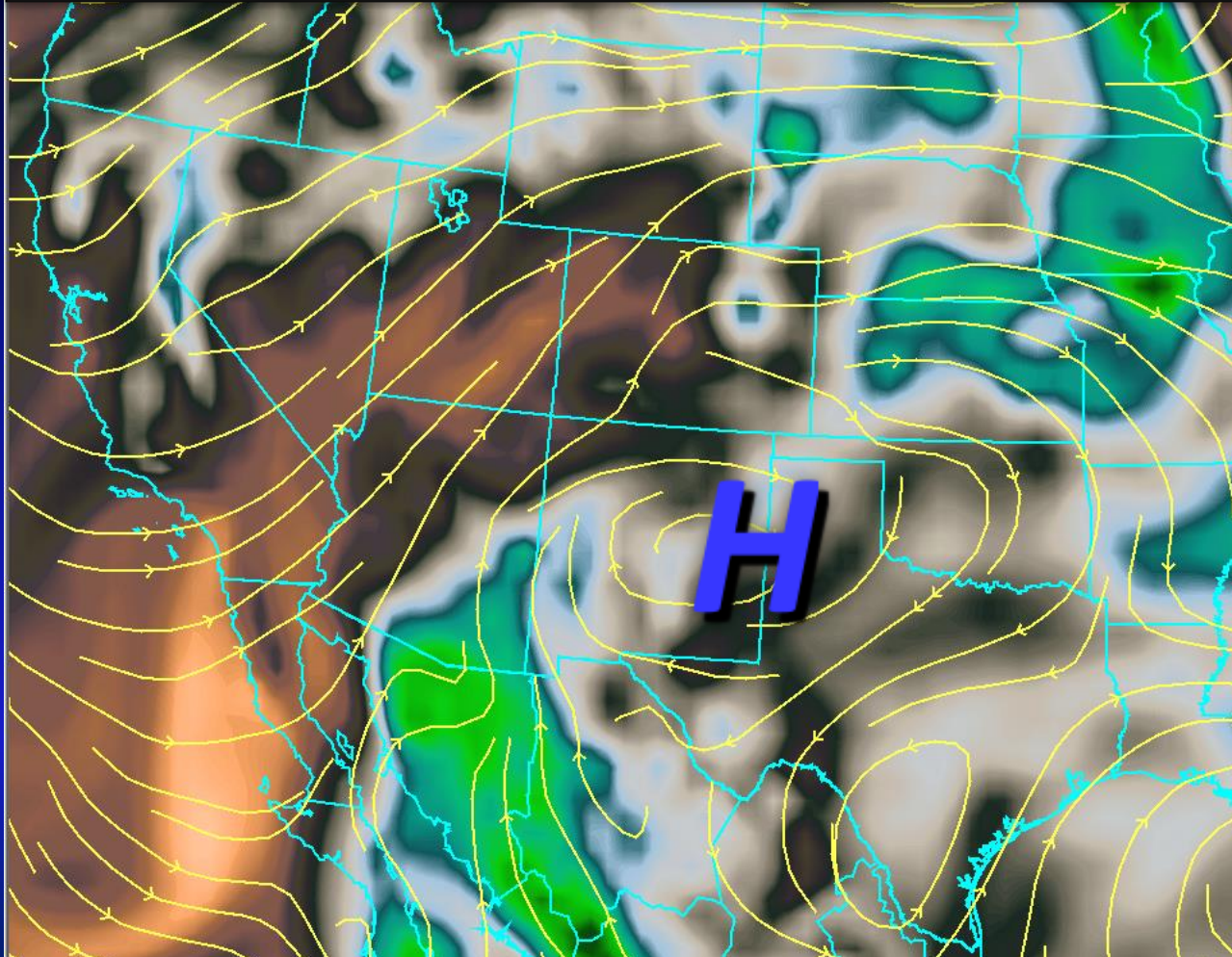


Thursday: Upper high starts to shift back eastward as upper level trough approaches the state. Southwest Mountains will be favored for thunderstorms. Continued near/above normal temperatures.

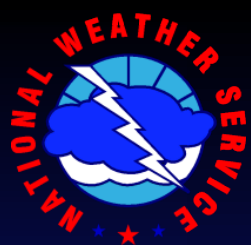


Upper Level Forecast Chart (Image is Moisture)

Friday



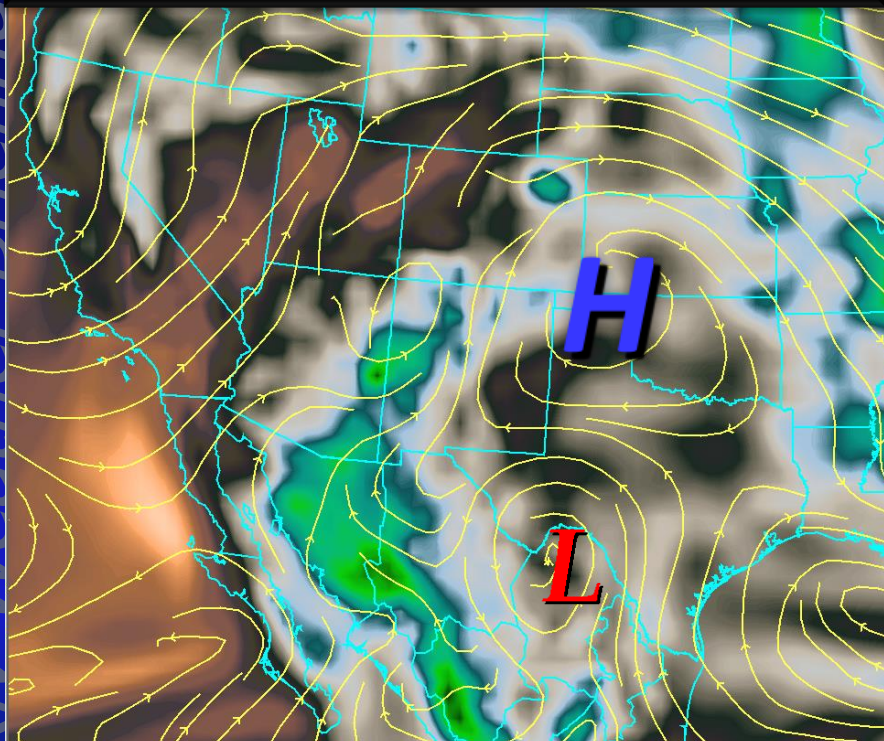
Friday: High pressure aloft to continue to shift eastward, allowing moisture plume to inch closer to NM. Storm activity will be focused across the south and west.



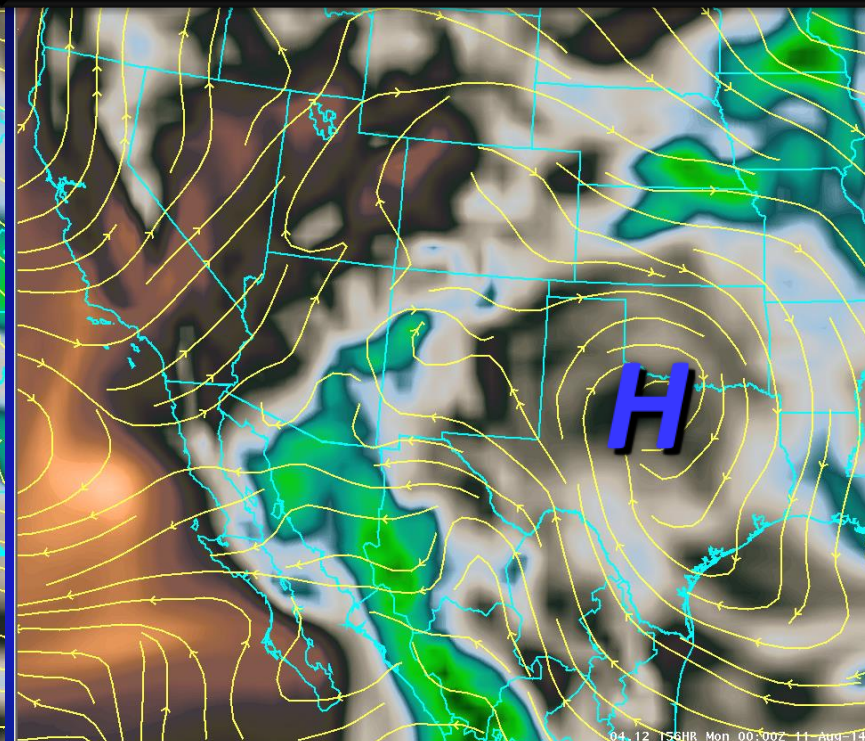
Upper Level Forecast Chart (Image is Moisture)

Weekend Outlook

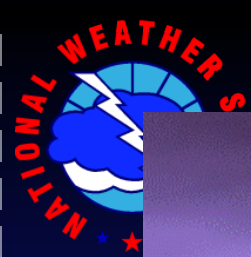
Saturday



Sunday



Weekend: Active pattern looks to return as monsoonal plume lines up over central and western NM. Locally heavy rain will be possible and flooding concerns will increase.



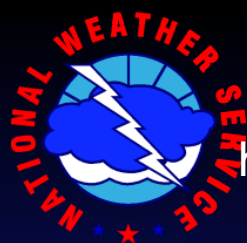
Burn Scar Thunderstorm Threat Matrix

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

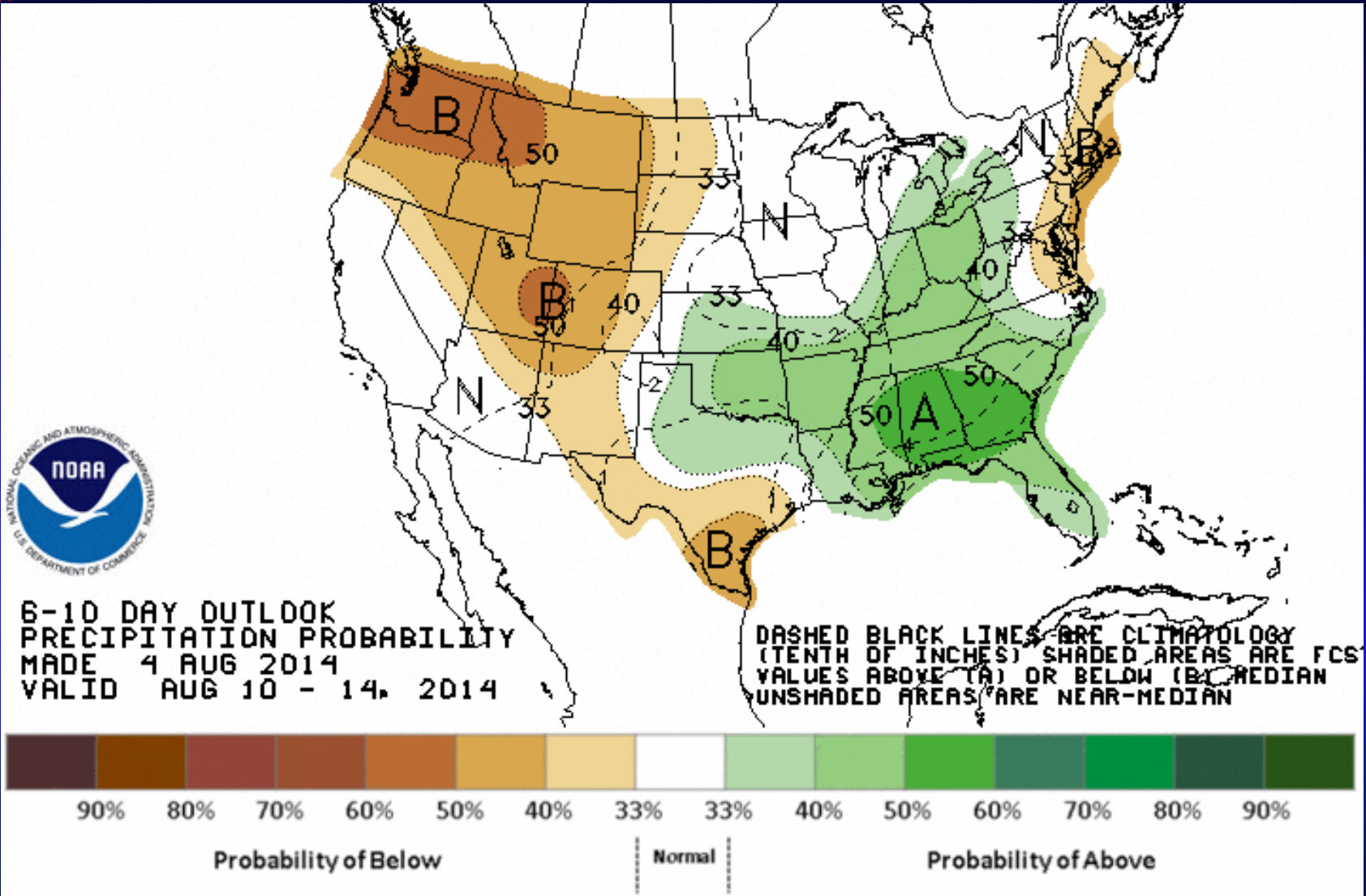


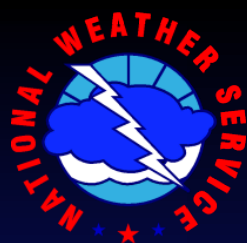


6-10 Day Precip Outlook: Aug 10-14



<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** (Scattered T-storms)
-  **Wednesday** (Isolated T-storms)
-  **Thursday** (Isolated T-storms)
-  **Friday** (Isold-Sct T-storms)
-  **Weekend** (Scattered T-storms, locally heavy rain)

Hazards & Impacts

-  None
-  Minor
-  Significant
-  Major

SYNOPSIS: One more active day for locally heavy rainfall is on tap today before a warming and drying trend develops over the region. A well developed upper level wave approaching from the west will interact with abundant moisture over the area to produce numerous showers and thunderstorms. A flash flood watch is in effect from 2 pm to 10 pm today. Dry air will move into western New Mexico Tuesday, while a few storms still fire up over central and eastern New Mexico. Wednesday through the remainder of the week will be warmer and potentially much drier, however model guidance is still conflicting on the overall pattern. This may give a break from the flooding experienced over the area the past couple weeks.



SKYWARN™ Spotter Training Class Announcement

http://www.srh.noaa.gov/abq/?n=skywarn_sked



Are you a weather watcher? NWS Albuquerque is currently recruiting volunteer SKYWARN™ weather spotters and volunteers for the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS).



Meteorologists from the NWS will teach the basics of severe local storms to include thunderstorms, flash floods, downburst winds, tornadoes, and more. You will also learn important safety information and how to stay prepared.



© 8/31/2008 Lynne Kito
Highway 4 Flooding



© 6/26/2011 Dan Gerrity
Las Conchas Smoke Plume



© 8/19/2013 Jim Stein
Los Alamos Lightning

What: **SKYWARN™ Spotter Class**

Where: **Los Alamos, NM**
Pajarito Environmental Education Center
3540 Orange St.

When: **Thursday, August 7th**
530-8pm MDT

OPEN to the public

NO Cost

Registration
Not Required



SKYWARN™ Spotter Training Class Announcement

http://www.srh.noaa.gov/abq/?n=skywarn_sked



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© 7/12/2014 Sara Bryan
Flooded Arroyo



© 4/9/2008
Terry Lunsford
Snowfall



© 7/26/2013 Larry Moritomo
Rio Rancho Lightning

What: **SKYWARN™ Spotter Class**

Where: **Rio Rancho, NM**
Rio Rancho Fire Stn #5
5301 Santa Fe Hills Blvd.

When: **Saturday, August 9th**
10am-1230pm MDT

OPEN to the public

NO Cost

Please RSVP to
kerry.jones@noaa.gov



As always...

Stay up to date...

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