

August 2018 Weather Digest



August 2018 Weather Summary

August continued the trend of a somewhat underperforming monsoon season. For the month most of the area was a bit below normal. A few areas, such as Hudspeth, northern Sierra and eastern Hidalgo Counties all saw above normal rainfall. For much of the month the typical monsoon pattern was unable to develop. However, we were able to keep a weak south flow and moisture moving over the area much of the month. Despite the lack of the typical monsoon pattern, the rainfall for the monsoon season so far (from June 15 through the end of August) much of the area is either close to normal or slightly above normal. This has allowed the drought conditions to improve slightly, and the outlook through the fall months is for much of the area to be removed from the drought conditions.

Temperatures around the area were once again above normal, ranging most places from one to three degrees above normal for average monthly temperatures.

Looking ahead to September, the monsoon season wraps up-technically the end of the month, but often it is done by mid month. The autumnal equinox falls on the 22nd, bringing nearly equal amounts of dark and light to all areas before the slow slide of losing daylight as we head toward winter. Average high temps at the El Paso airport start the month at 91 degrees and end the month at 83 degrees. Cool temperatures also return as some higher elevations' average first freeze date occurs during the last week of September.

Near La Luz Aug 4



Near La Luz Aug 4



Near La Luz Aug 4



Las Cruces Aug 8



Las Cruces Aug 8



**Flooding Northeast
Las Cruces Aug 15**



**Flooding Northeast
Las Cruces Aug 15**



**Flooding Northeast
Las Cruces Aug 15**



El Paso Aug 11



El Paso Aug 11



El Paso Aug 22



**Las Cruces Wind Damage
Aug 16**



El Paso Aug 21



El Paso Aug 22



El Paso Aug 22



El Paso Aug 21



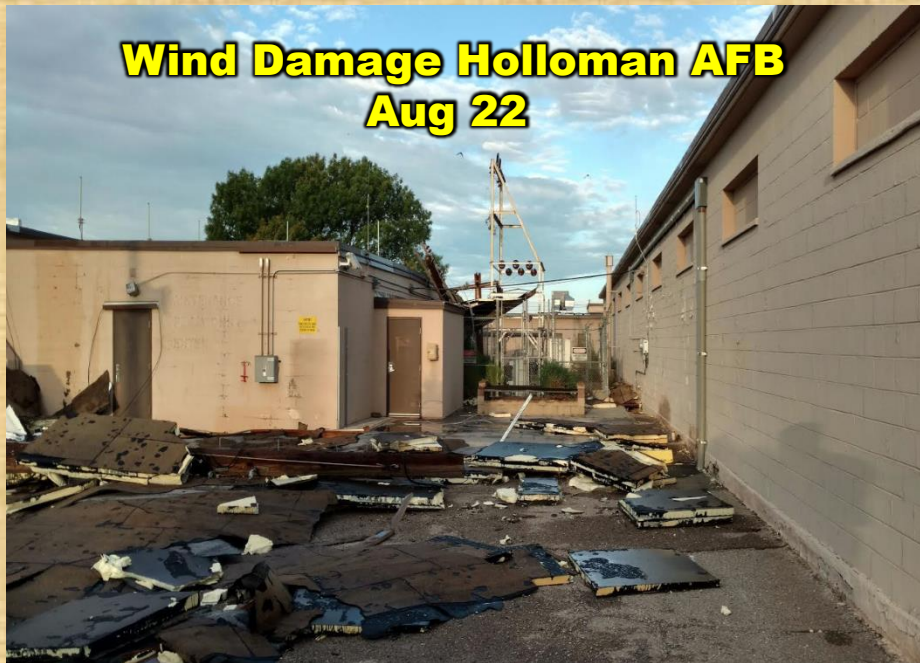
Organ Mtns Aug 16



El Paso Aug 21



**Wind Damage Holloman AFB
Aug 22**



**Wind Damage Holloman AFB
Aug 22**



El Niño Watch Is In Effect

ENSO Alert System

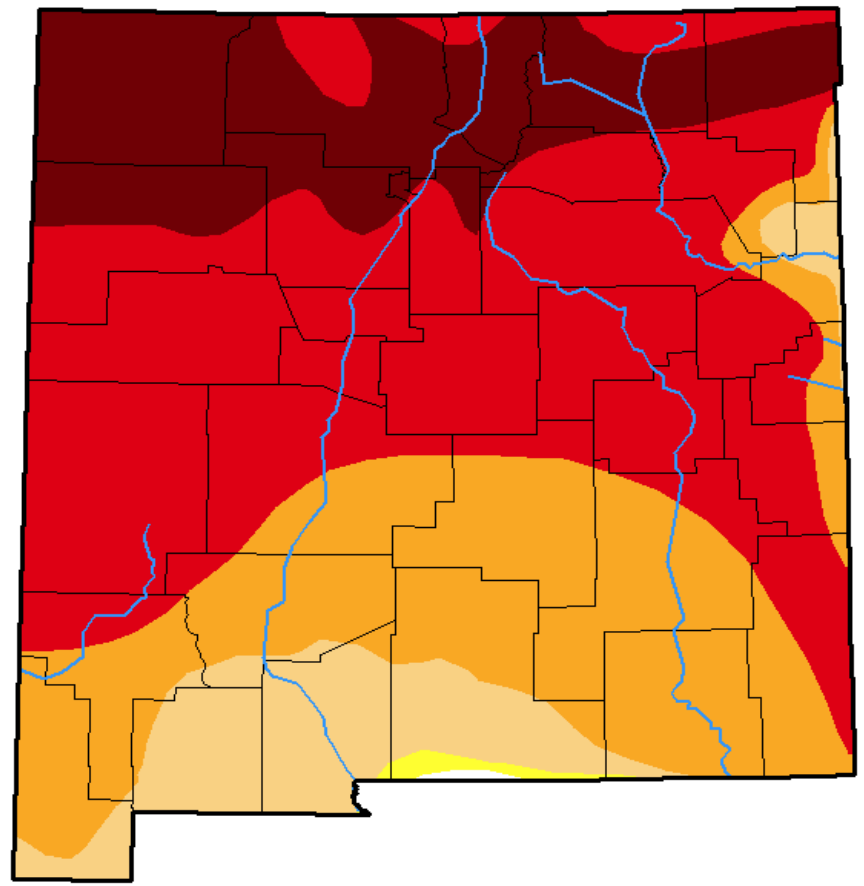
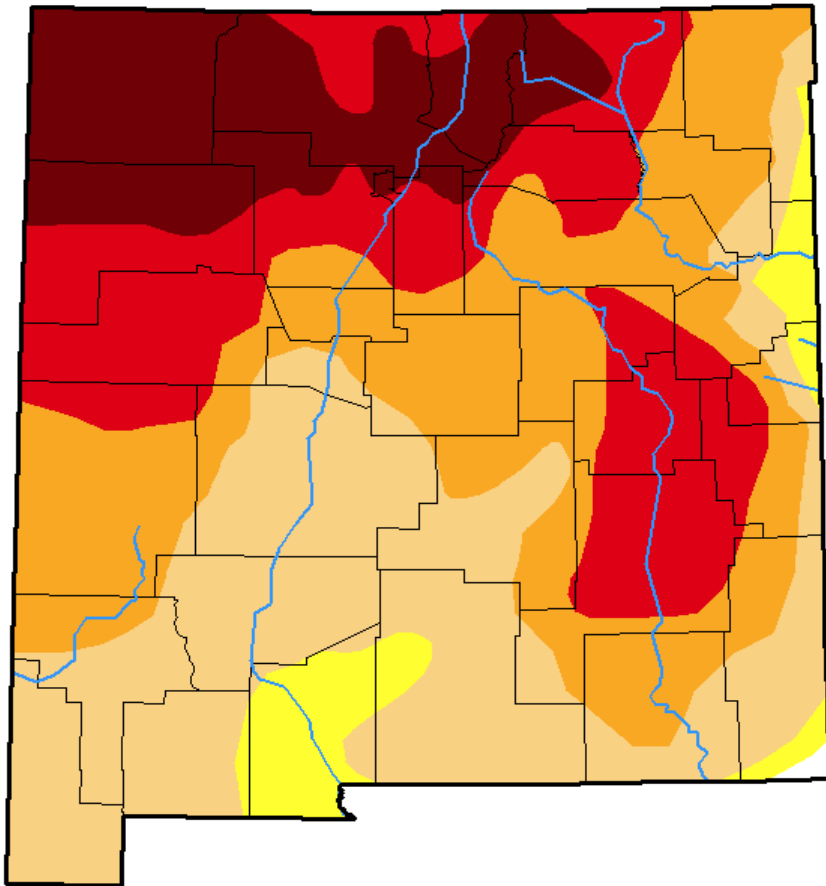
- **El Niño or La Niña Watch:** Issued when conditions are favorable for the development of El Niño or La Niña conditions in the next six months.
- **El Niño or La Niña Advisory:** Issued when El Niño or La Niña conditions are observed and expected to continue.

Current drought conditions for New Mexico and 3 month change

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






August 21, 2018

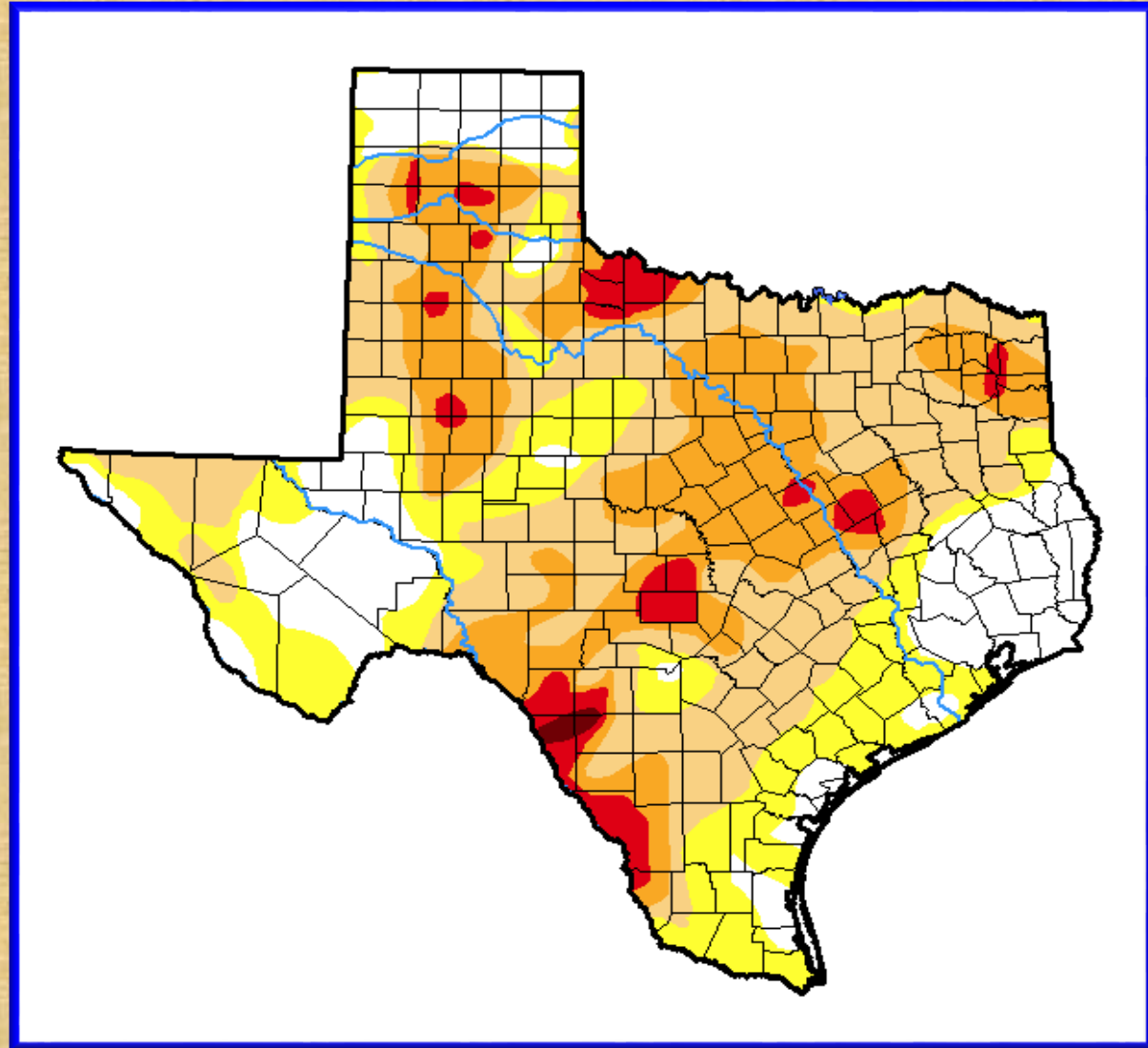
May 29, 2018



Current drought conditions for Texas as of August 21, 2018

Intensity:

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



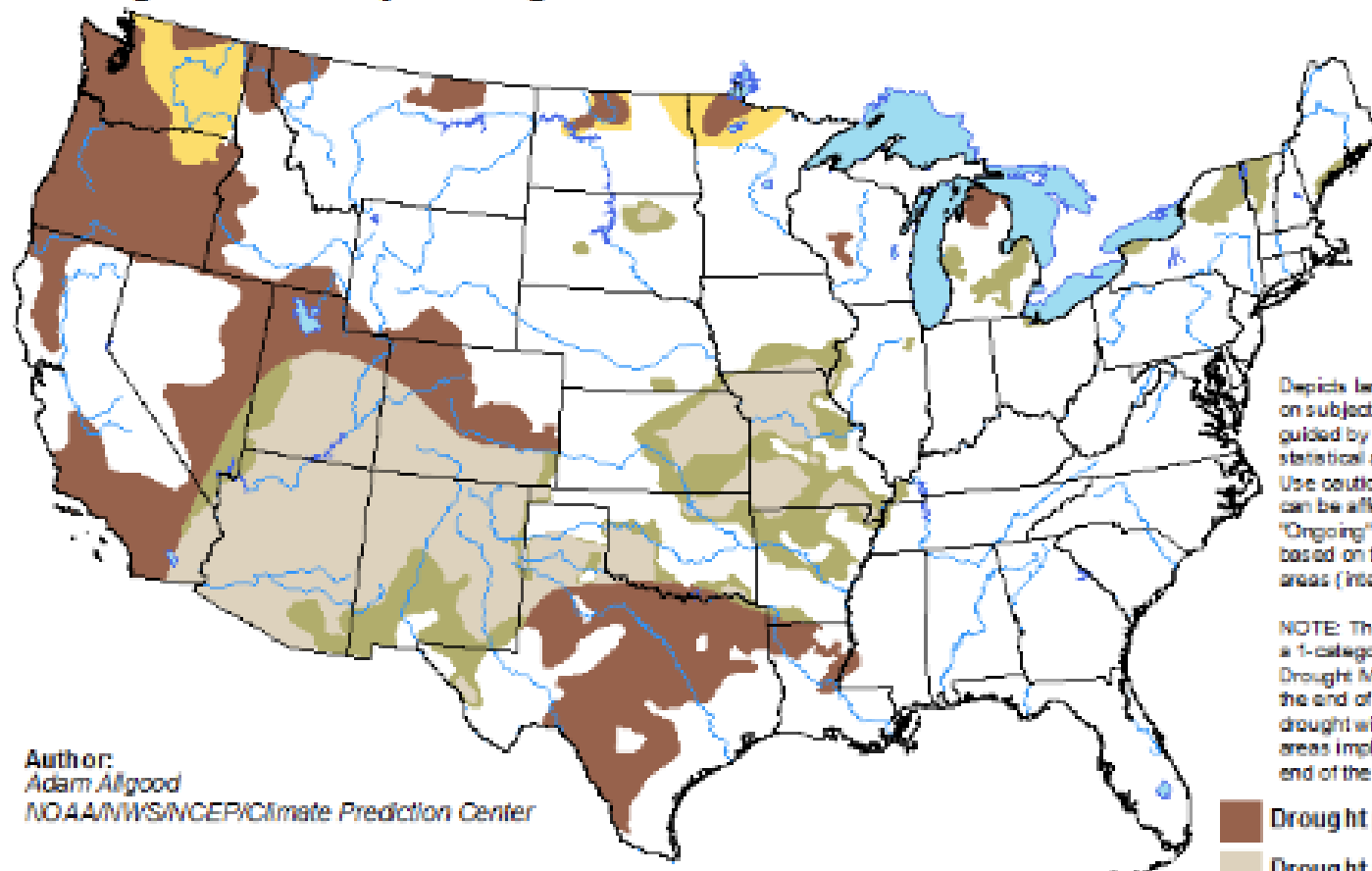
Build your own custom slider maps here at:

<http://droughtmonitor.unl.edu/Maps/ComparisonSlider.aspx>

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for August 16 - November 30, 2018
Released August 16, 2018

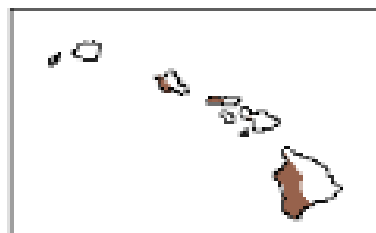
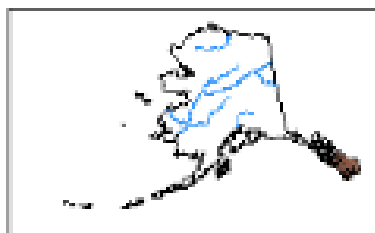


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

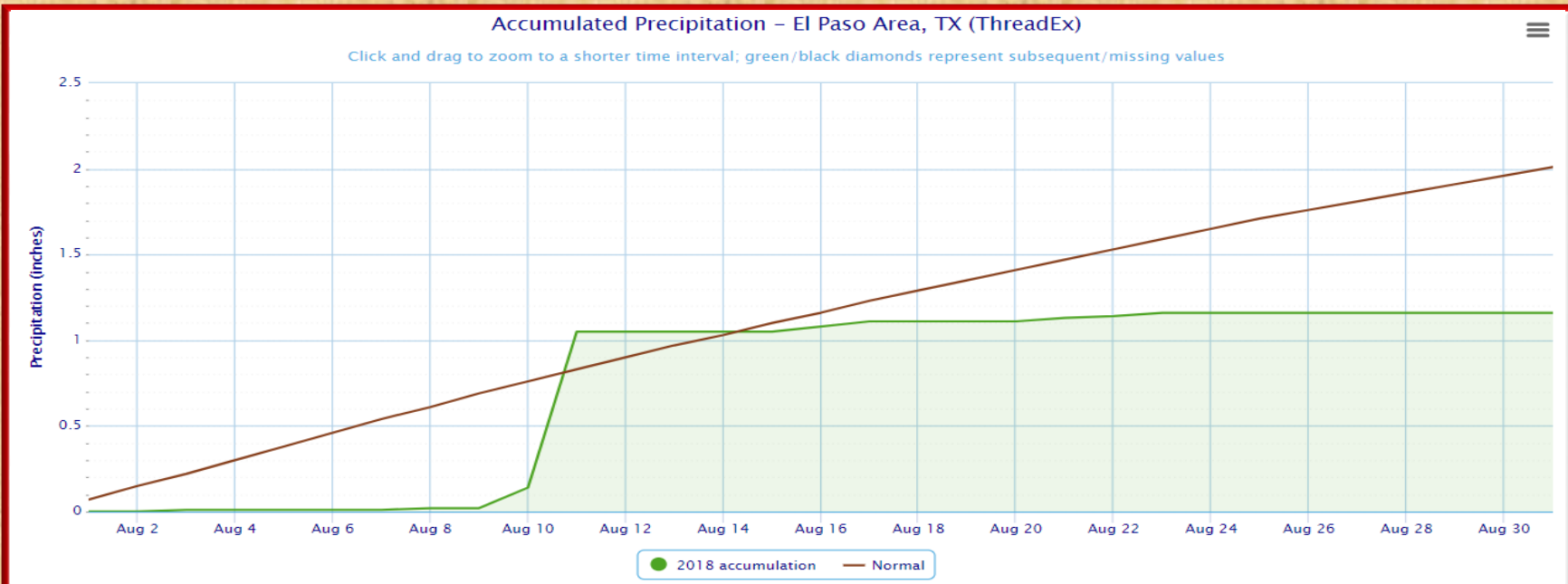
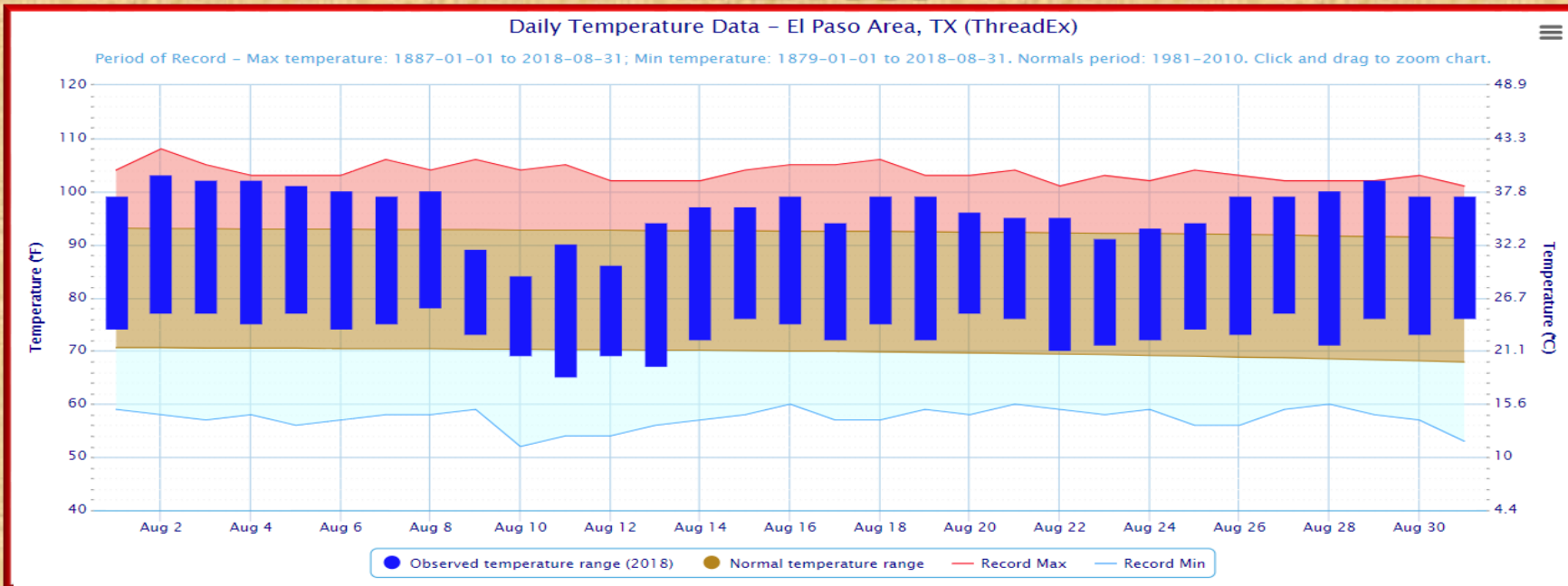
Author:
Adam Allgood
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

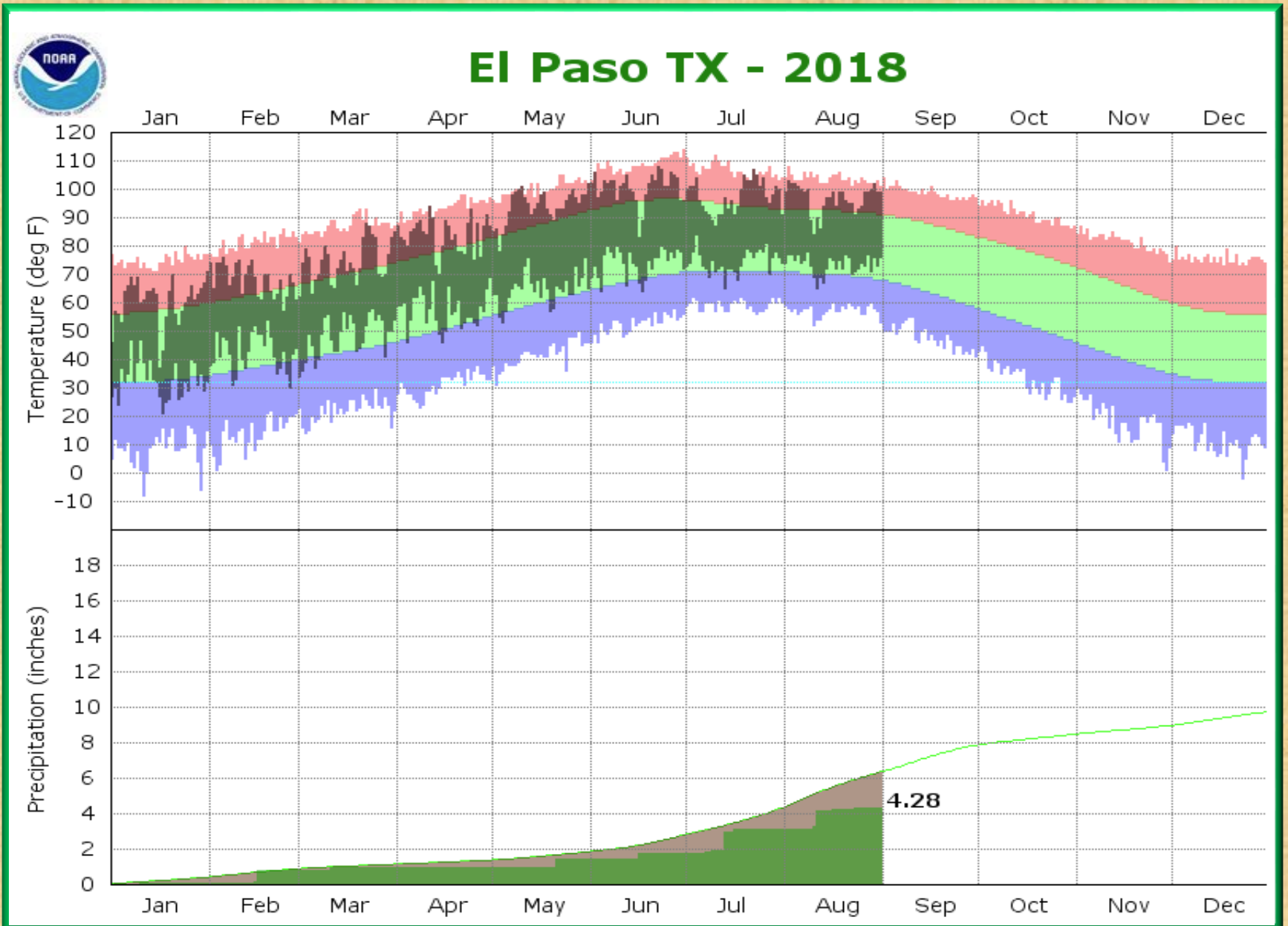


<http://go.usa.gov/3eZ73>

Temperature and precipitation data for August 2018 in El Paso



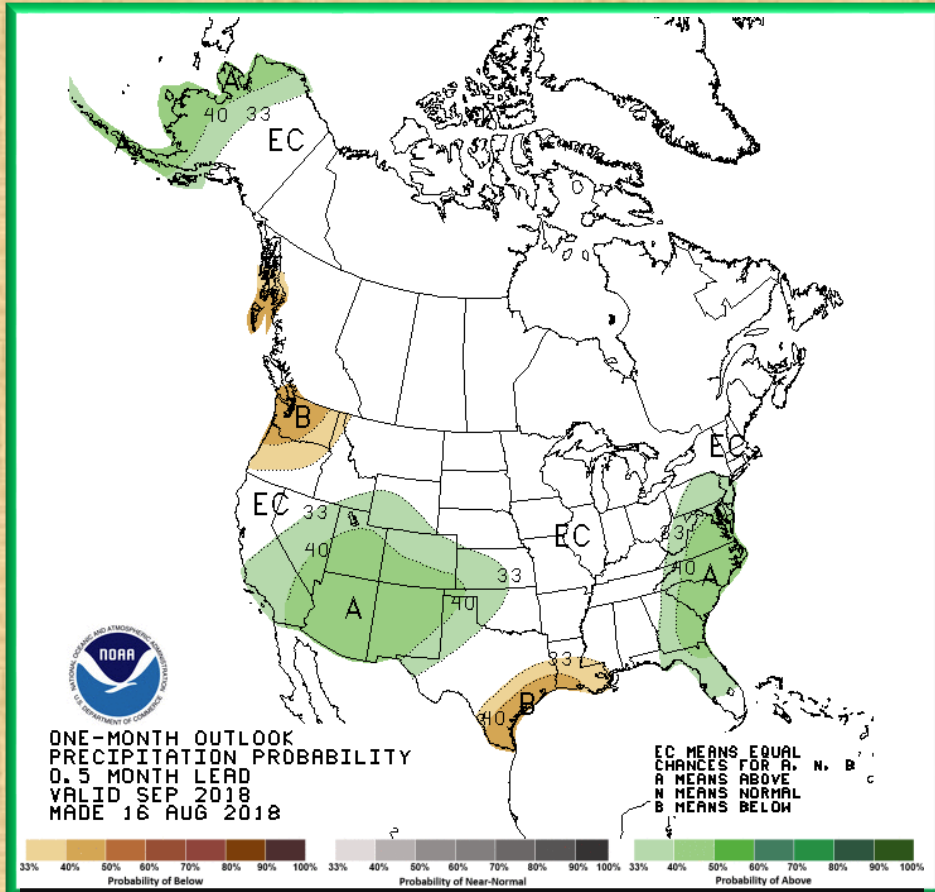
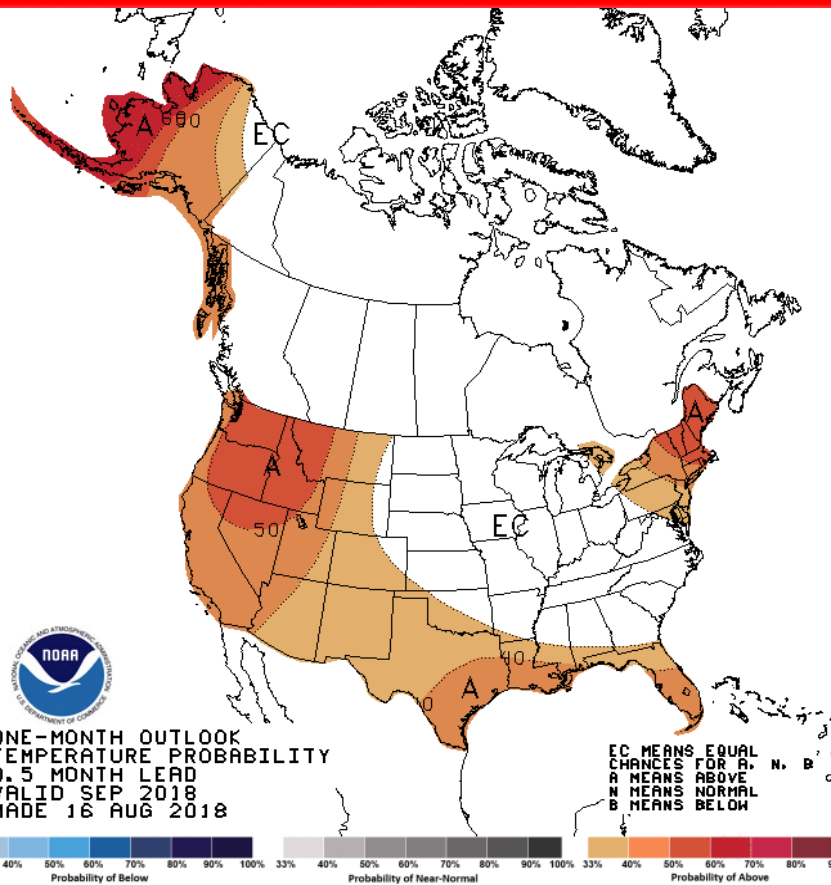
2018 year-to-date temperature and precipitation data El Paso



Temperature and precipitation outlook for September 2018

Temperature

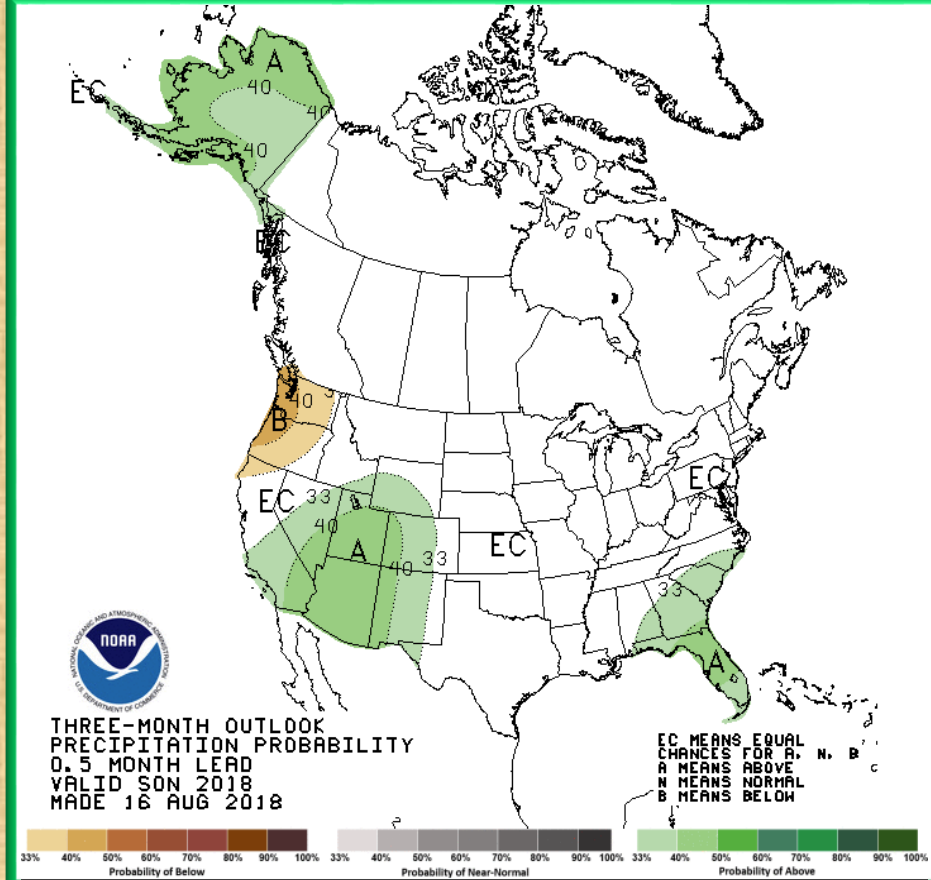
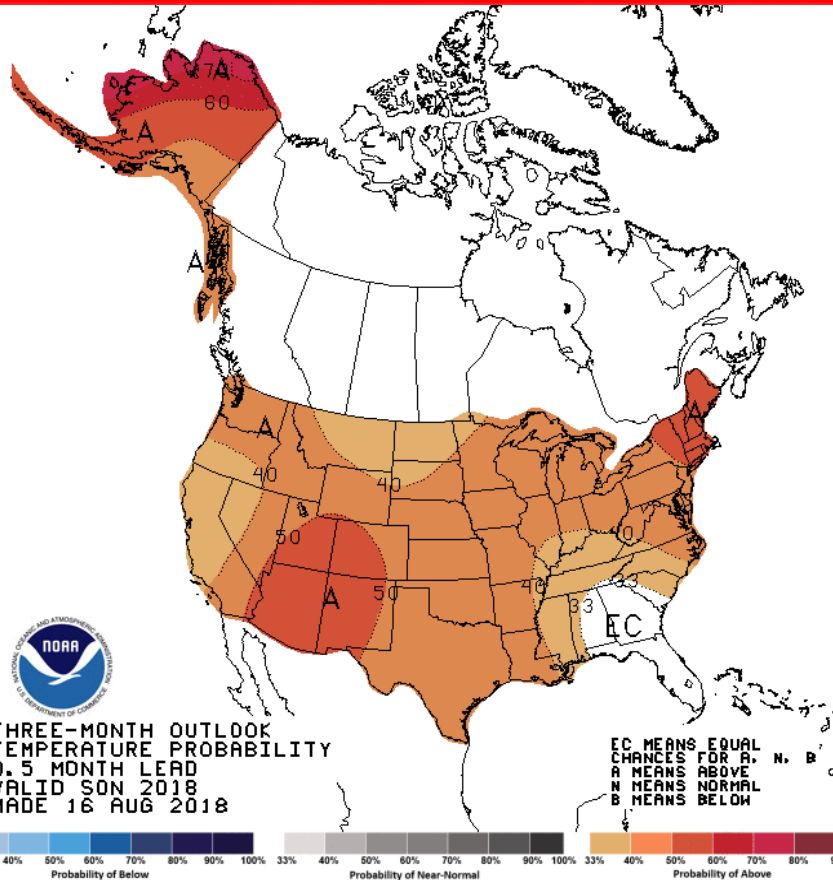
Precipitation



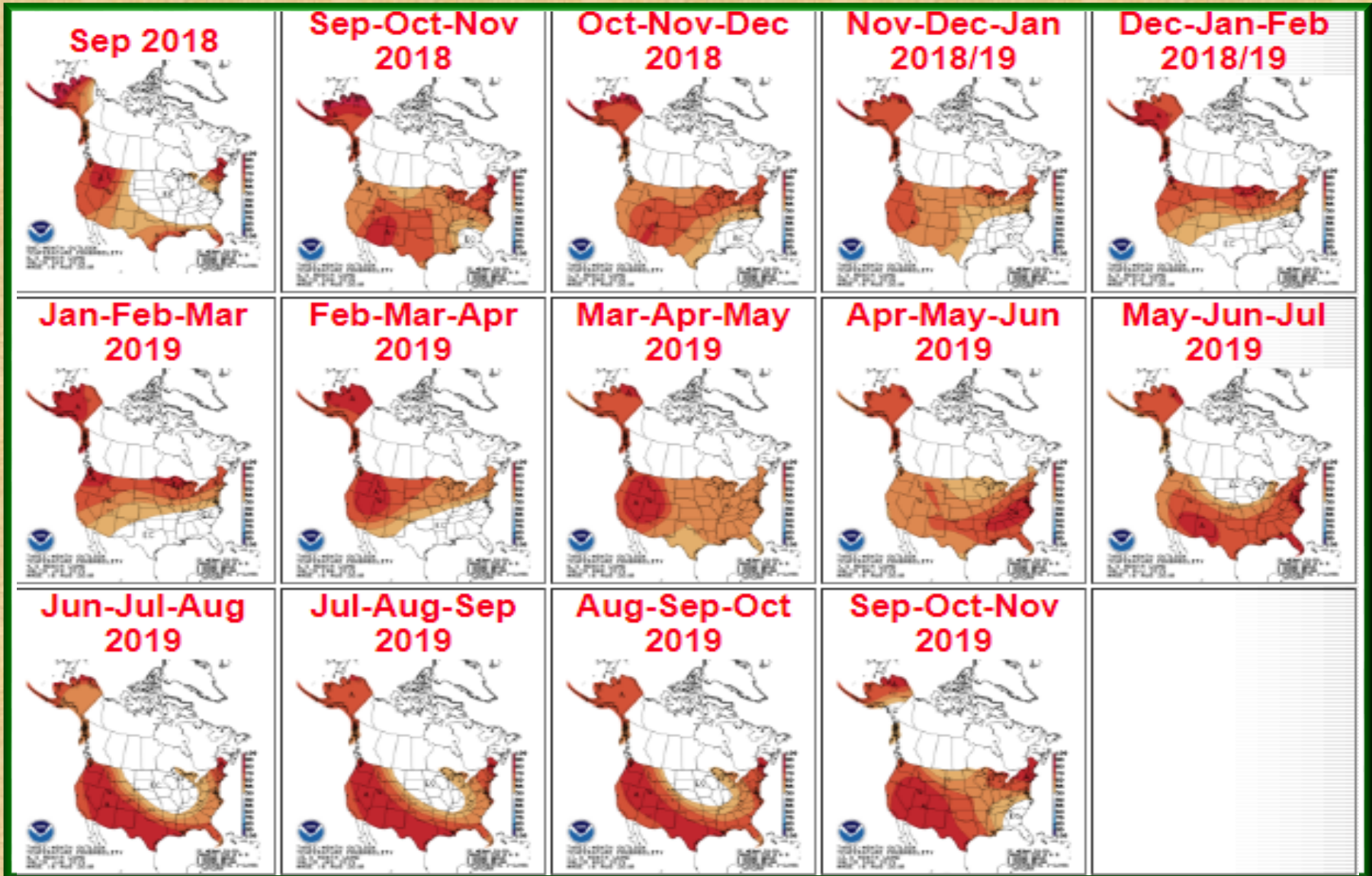
Temperature and precipitation outlook For Sep-Nov 2018

Temperature

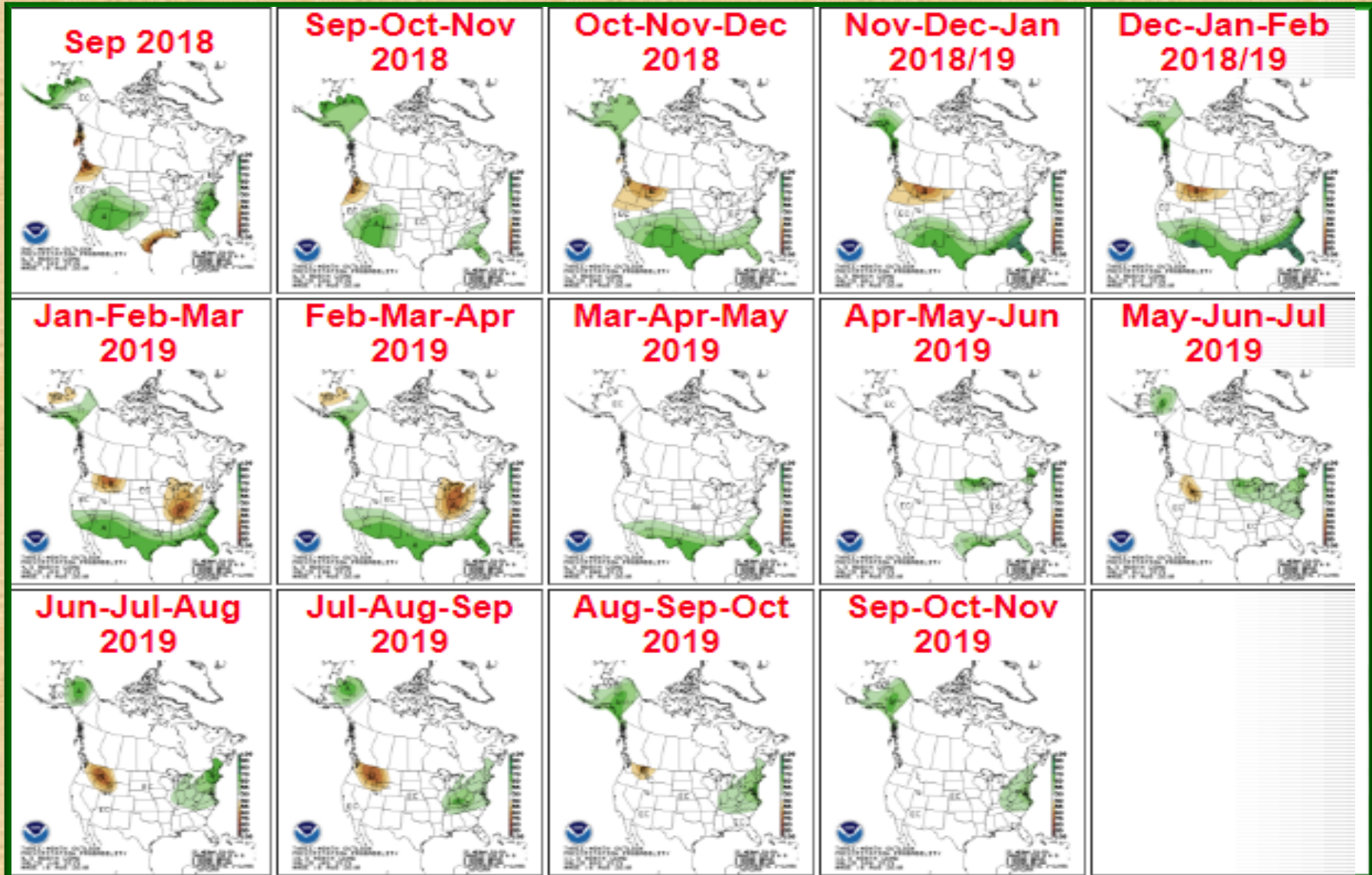
Precipitation



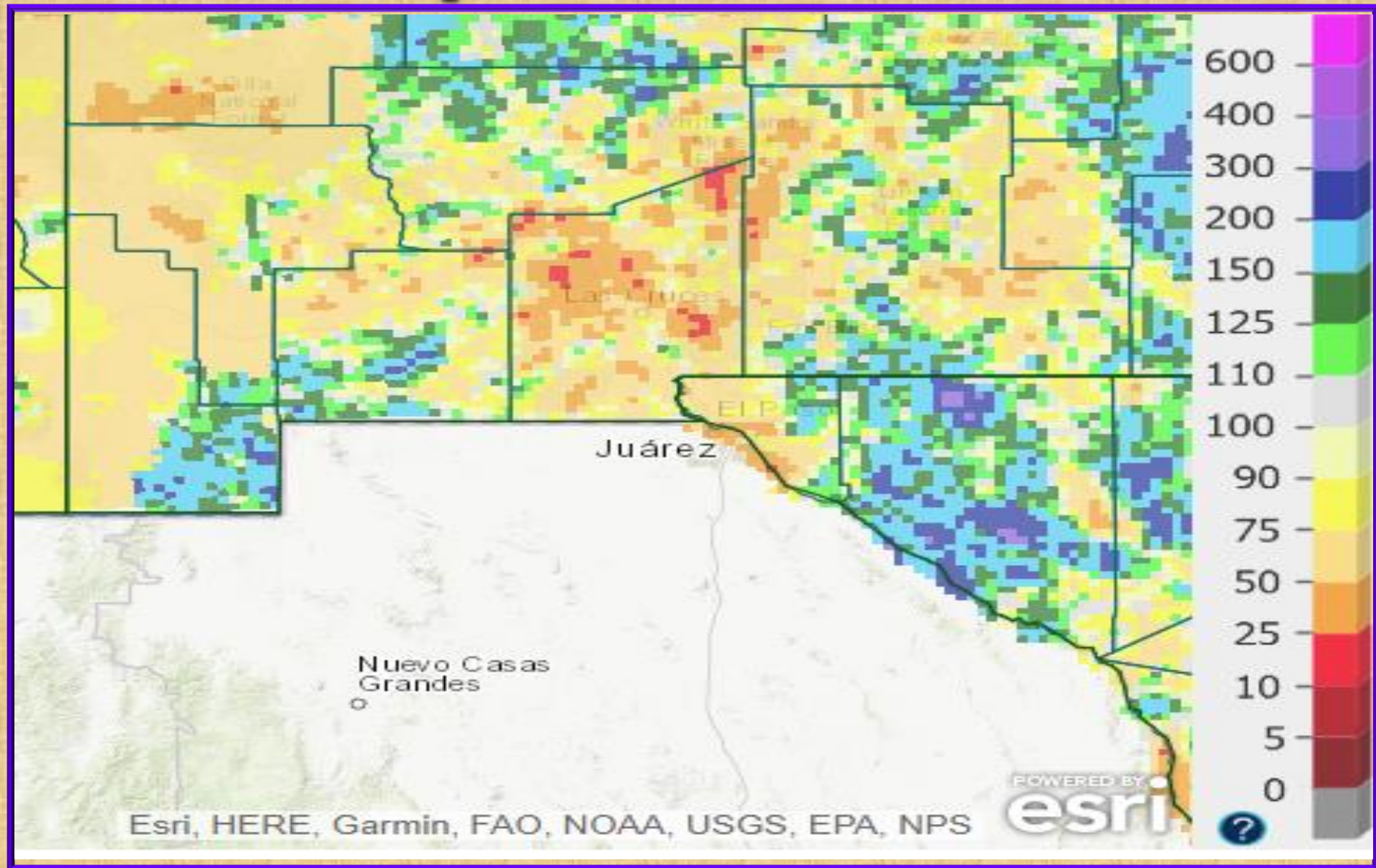
Temperature Outlook Through November 2019



Precipitation Outlook Through November 2019

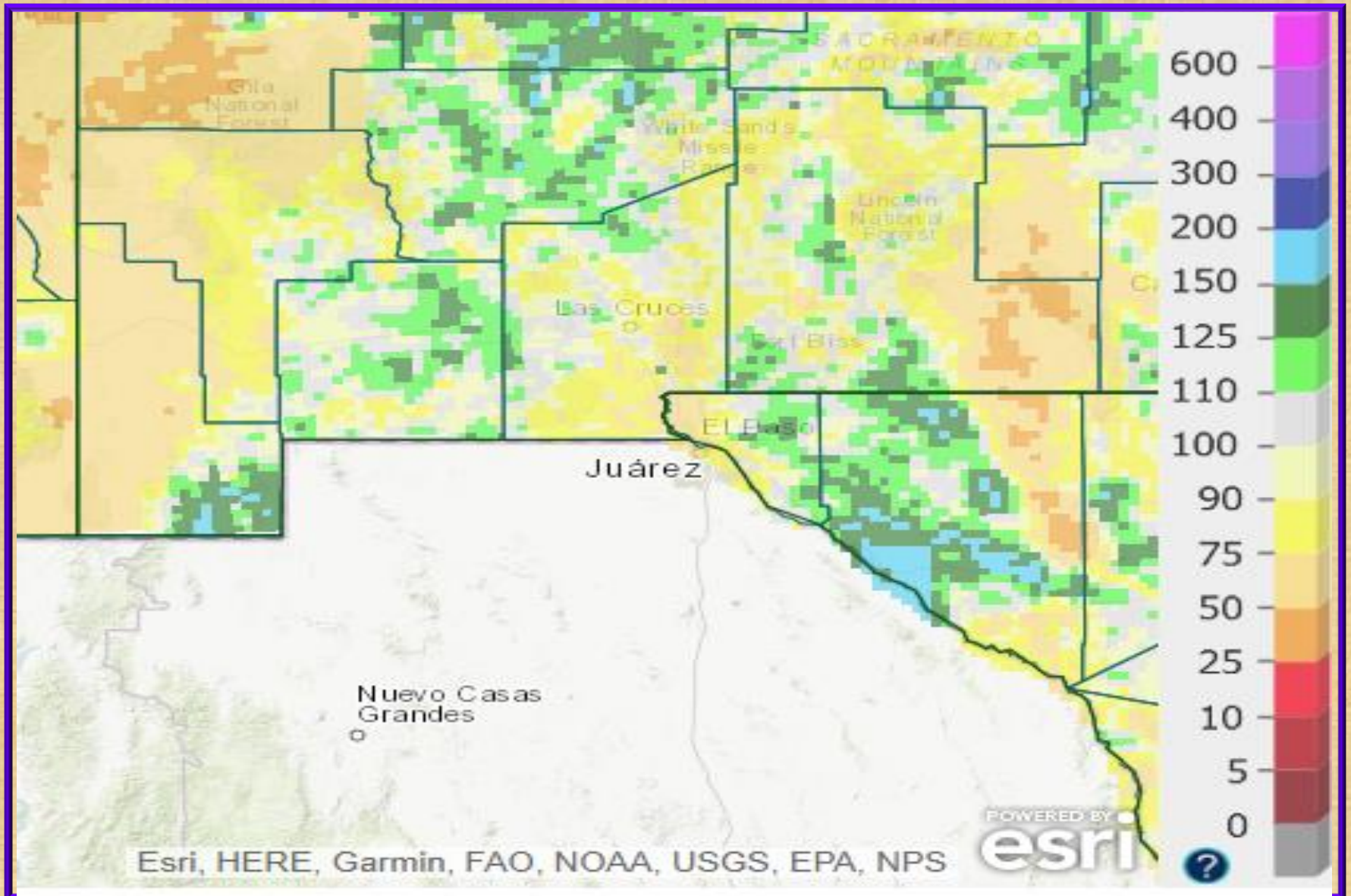


August 2018 radar rainfall estimate percent of normal



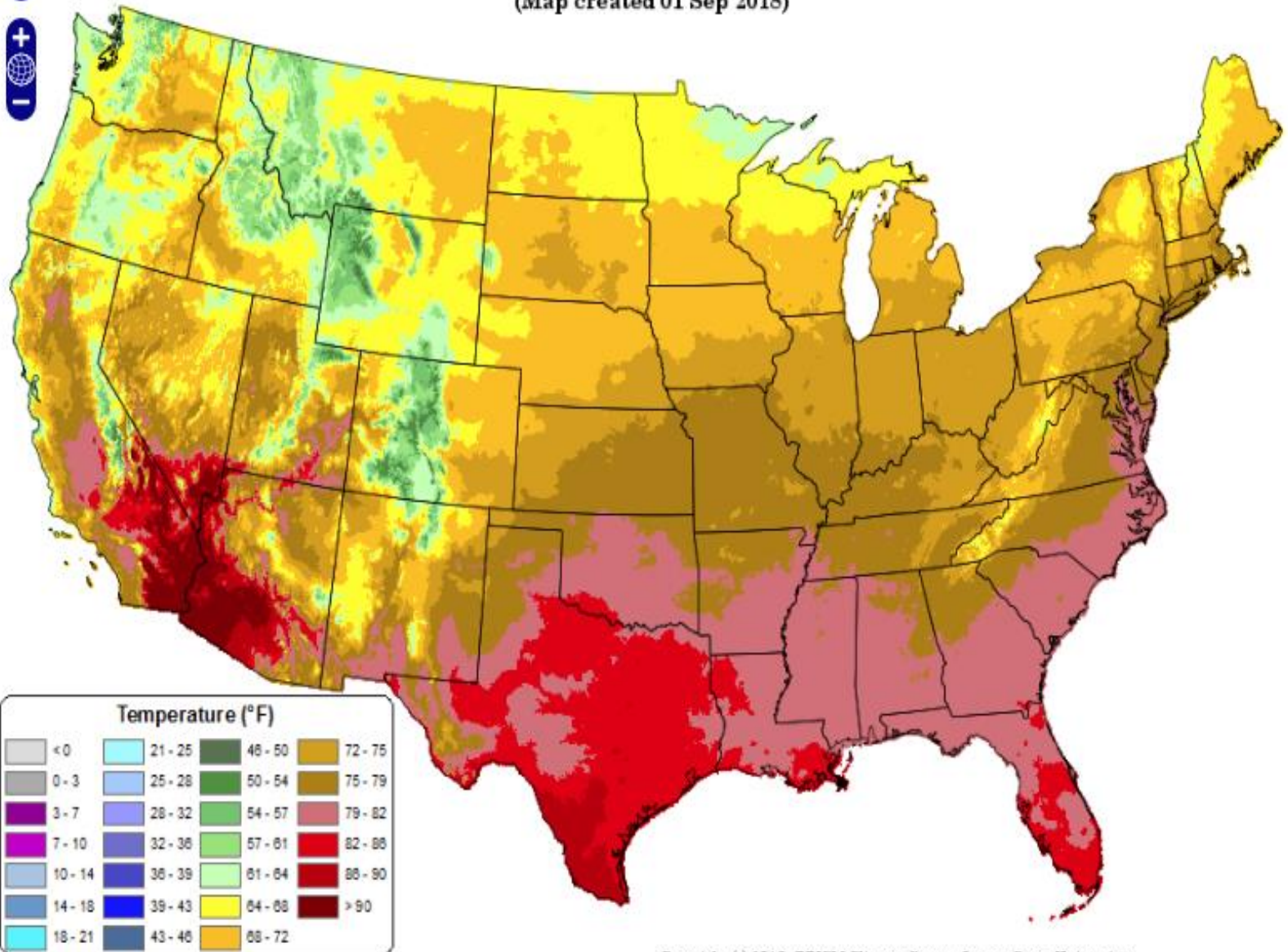
Oct through Aug 31 (Water Year to date)

Percent of Normal



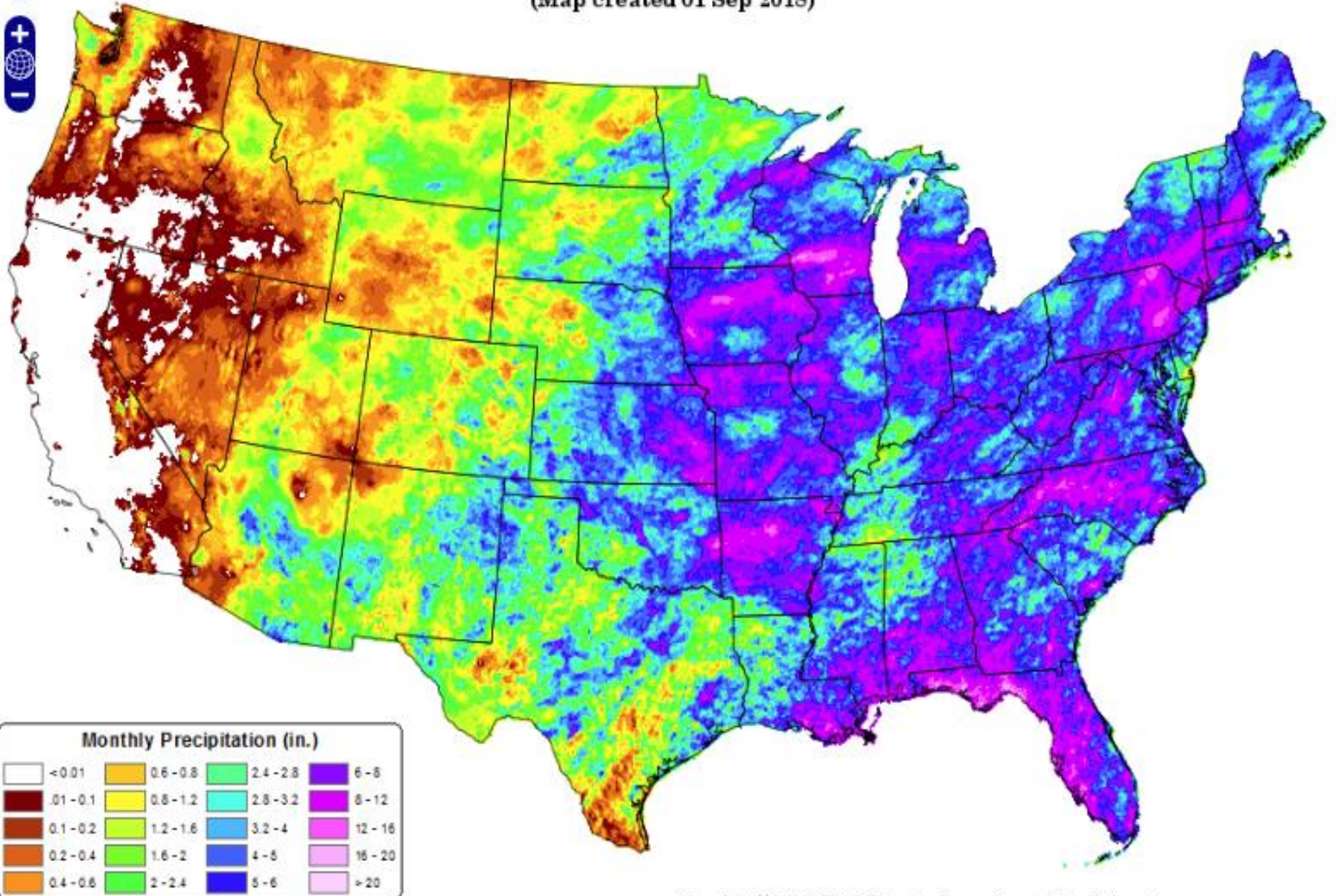
Average Daily Mean Temperature for August 2018

(Map created 01 Sep 2018)



Total Precipitation for August 2018

(Map created 01 Sep 2018)



Special Features

<http://www.srh.noaa.gov/epz/?n=elpwindrosedata>

Month: AUGUST

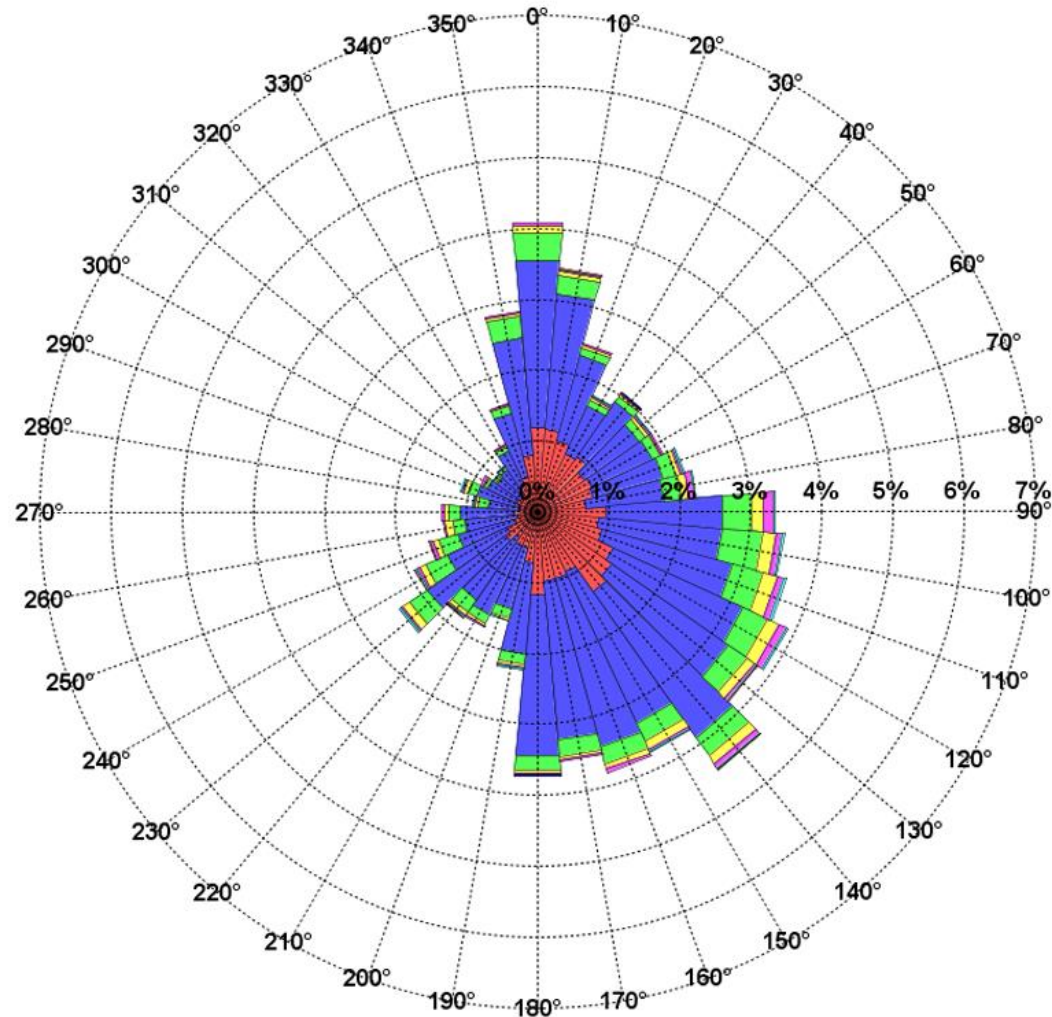
Calm: 10.33%

Variable: 9.31%

WindRose - KELP - EL PASO INTL

% Frequency of Wind Speed from a Direction

POR:19730101-20140602



Selected weather reports August 2018

Date/Time	Location (County)	Event
AUGUST 1 236 PM	SILVER CITY 1NW-GRANT	1.00 INCH HAIL
AUGUST 1 240 PM	SILVER CITY 1S-GRANT	0.88 INCH HAIL
AUGUST 1 157 PM	CAMP THUNDERBIRD 2SE-GRANT	0.75 INCH RAINFALL
AUGUST 2 800 AM	MIMBRES-GRANT	1.72 INCH RAINFALL
AUGUST 2 700 AM	SILVER CITY 1SW-GRANT	1.49 INCH RAINFALL
AUGUST 2 700 AM	TYRONE 13SW-GRANT	1.26 INCH RAINFALL
AUGUST 2 804 AM	BUCKHORN 3SE-GRANT	1.25 INCH RAINFALL
AUGUST 2 804 AM	HAY CANYON-OTERO	1.11 INCH RAINFALL
AUGUST 2 700 AM	GILA-GRANT	0.71 INCH RAINFALL
AUGUST 15 130 PM	EAST MESA 1NE-DONA ANA	STREET FLOODING; HOMES FLOODED
AUGUST 18 312 PM	DELL CITY 1N-HUDSPETH	72 MPH WIND GUST
AUGUST 22 335PM	HOLLOMAN AFB-OTERO	66 MPH WIND GUST
AUGUST 22 350PM	ALAMOGORDO-OTERO	WIND DAMAGE TO BUILDINGS

Local forecast by "City, St" or ZIP code
 Enter location ...
[Location Help](#)

Heavy Rain and Flash Flooding Possible Over Parts of the Eastern United States
 Heavy rainfall is expected over portions of the eastern United States through Thursday. Flooding and flash flooding will be possible in some areas. Click the "Read More" link for excessive rainfall forecasts from the Weather Prediction Center. [Read More >](#)

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NWS El Paso
[Weather.gov > El Paso, TX](#)

El Paso, TX
 Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather **Local Programs**

Today

Wednesday
 Warmer with a Few Afternoon Storms

Weather Forecast Office
 El Paso, TX
 September 27, 2016 4:43 PM

Local forecast by "City, St" or ZIP code
 Enter location ...
[Location Help](#)

Heavy rain expected across the Mid-Atlantic region and central Appalachians.
 Heavy rainfall is possible over portions of the eastern United States today, with the highest risk across the Mid-Atlantic and central Appalachians. Click the "Read More" link for excessive rainfall forecasts from the Weather Prediction Center. Afternoon showers and thunderstorms are possible over portions of the Southwest and southern Rockies through Friday. [Read More >](#)

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El Paso, TX
 Weather Forecast Office

Current Hazards Current Conditions Radar Forecasts Rivers and Lakes Climate and Past Weather **Local Programs**

Southern New Mexico and Far West Texas has a variety of weather from month to month. Conditions can range from extreme drought, to heavy flooding rains, from record breaking heat to bone chilling cold. Below you will find past weather highlights from the area that the NWS office in Santa Teresa NM covers. This area includes the following counties in New Mexico: Hudspeth, Grant, Luna, Sierra, Doña Ana and Otero and the following counties in Texas: El Paso and Hudspeth.

WEATHER DIGESTS AND BULLETINS	
Weather Digest	Southwest Weather Bulletins
January	2005 Spring Fall
February	2006 Spring Fall
March	2007 Spring Fall
April	2008 Spring Fall
May	2009 Spring Fall
June	2010 Spring Fall
July	2011 Spring Fall
August	2012 Spring Fall
September	2013 Spring Fall
October	2014 Spring Fall
November	
December	

Don't Forget-Current and past issues of our Weather Digest are available on our website at <http://www.weather.gov/epz/>

Just click on "Local Programs>Weather Digest", then choose which month's Digest to view. Also, though discontinued, don't forget to check out our back issues of Southwest Weather Bulletin.

NWS DOPPLER RADAR
WATCHING THE MONSOON SKIES OVER EL PASO 24/7

