

July 2018 Weather Digest

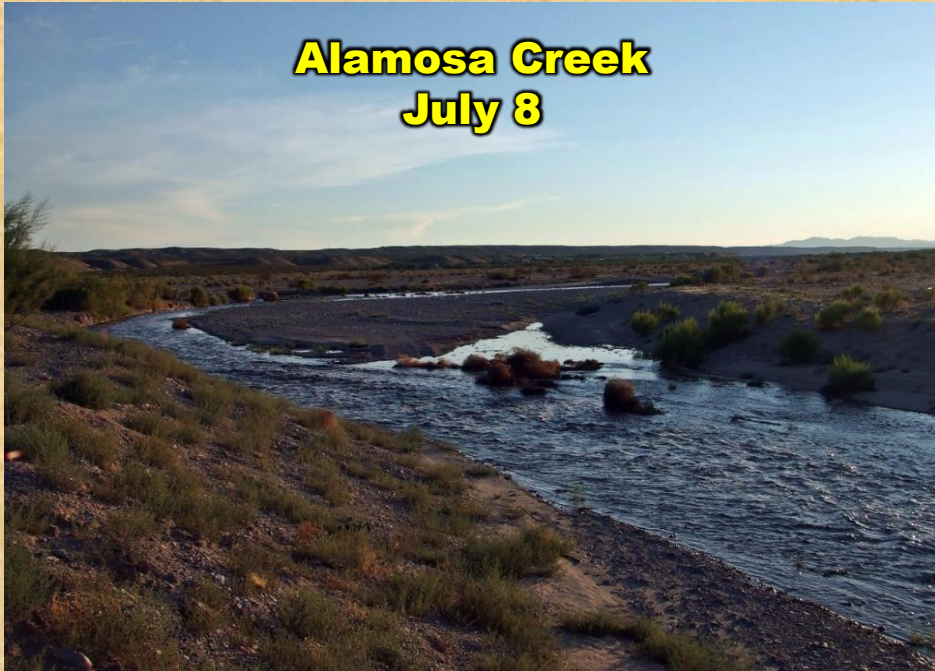


July 2018 Weather Summary

Well we finished our first full month of the monsoon season of 2018 with a mixed bag of results. The good news is the monsoon pattern began the first week of the July, though the pattern broke somewhat by mid month. Overall rainfall was not bad, but not great either. Much of the area between the Gila Region and the Sacramento Mountains was near normal, while much of those mountain areas were below normal. Some highlights during this period included a powerful wet microburst which hit parts of east El Paso including the airport, on the 13th. The airport reported a peak wind gust of 82 mph. On the 15th, heavy rain fell across Columbus, resulting in flooding in town and at the Port of Entry.

Temperatures for the month ran above normal again. Despite the continued heat, monsoon season rainfall should help improve the drought situation. Looking ahead to August, this month wraps up the main part of the monsoon season, although some effects of the monsoon often continue into the first part of September. The official season ending for the monsoon is September 30.

**Alamosa Creek
July 8**



**Thunderstorm near
Santa Teresa July 10**



**Thunderstorm Las Cruces
July 10**



**Thunderstorm near
Santa Teresa July 13**



**Thunderstorm Las Cruces
July 11**



**Thunderstorm El Paso
July 12**



**Thunderstorm Santa Teresa
July 12**



**Thunderstorm Las Cruces
July 10**



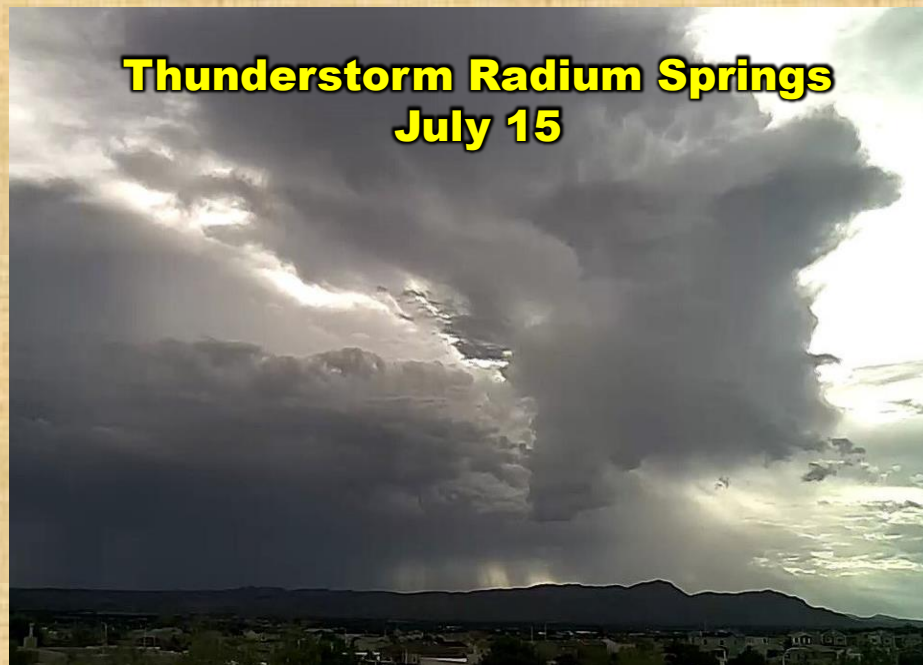
**Lightning Deming
July 11**



**Lightning Deming
July 15**



**Thunderstorm Radium Springs
July 15**



**Thunderstorm Deming
July 14**



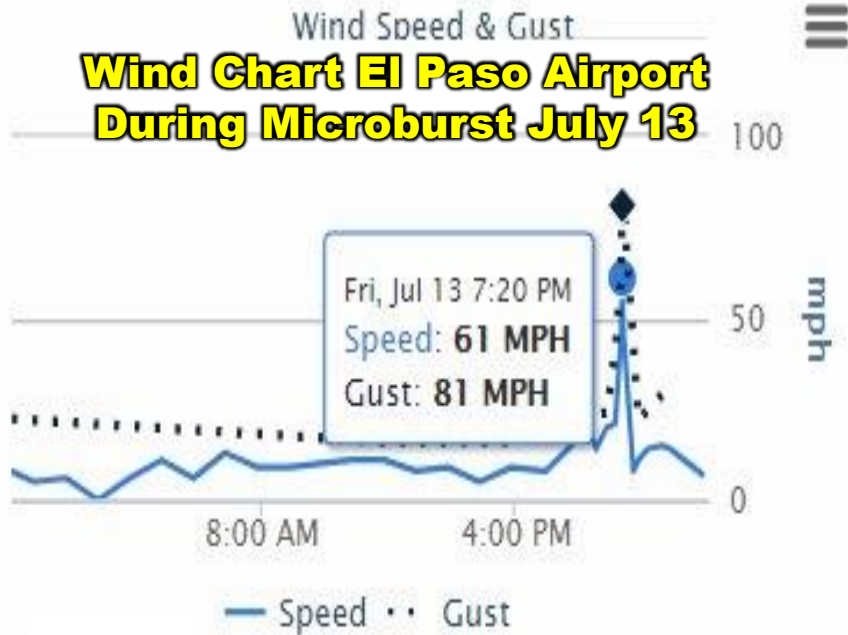
**Microburst El Paso
July 13**



**Microburst El Paso
July 13**



Wind Speed & Gust
**Wind Chart El Paso Airport
During Microburst July 13**



**Haboob Santa Teresa
July 12**



**Flooding El Paso
July 15**



**Flooding El Paso
July 15**



**Flooding El Paso
July 15**



**Flooding El Paso
July 15**



**Wind Damage Upper Valley
July 15**



**Wind Damage Juarez
July 13**



AND YES, IT HAS BEEN HOT!

Summer 2018: El Paso's 100 degree Days

2018 MAY							2018 JUNE							2018 JULY						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5						1 102	2 106	1 100	2 101	3 101	4 104	5	6	7
6	7	8 99	9 100	10 101	11	12	3	4 99	5 103	6 102	7 103	8 103	9	8	9	10	11	12	13	14
13	14	15	16	17 99	18	19	10 101	11 102	12 105	13 100	14 99	15	16	15	16	17	18 100	19 105	20 103	21 103
20	21	22	23	24	25	26 100	17	18	19 102	20 105	21 103	22 108	23 107	22 107	23 105	24 101	25 104	26	27	28
27	28	29	30	31 102			24 101	25 101	26 106	27 105	28 104	29	30	29 101	30 100	31				

38 100° days / 30 yr ave = 20.5 days
so far

Longest 100 degree run – 10 days

Hottest day
so far - 108
June 22nd

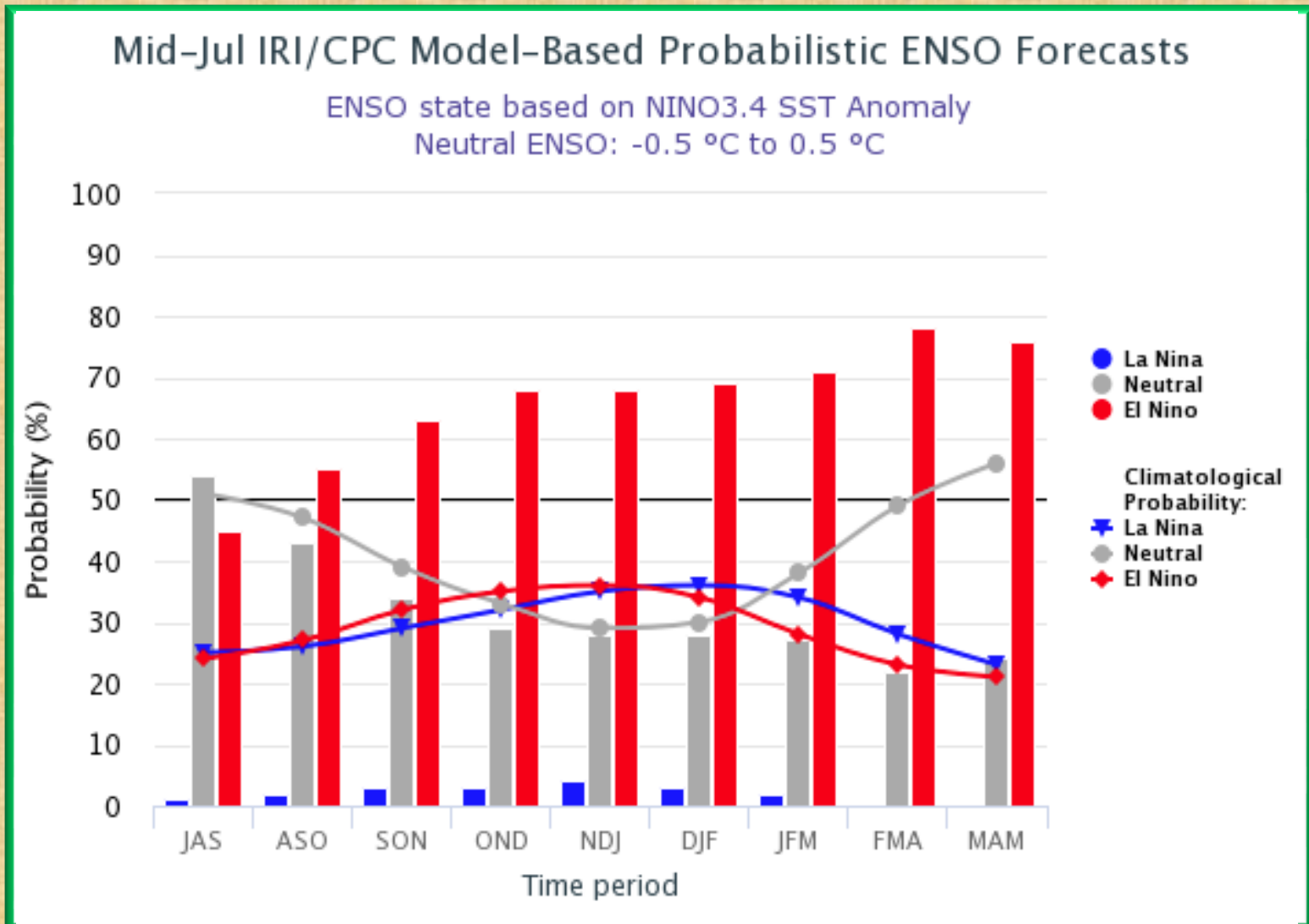
El Niño Watch Is In Effect

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.

ENSO Forecast

ENSO IS NOW IN NEUTRAL AND WILL LIKELY CHANGE TO EL NIÑO PHASE THIS COMING FALL.

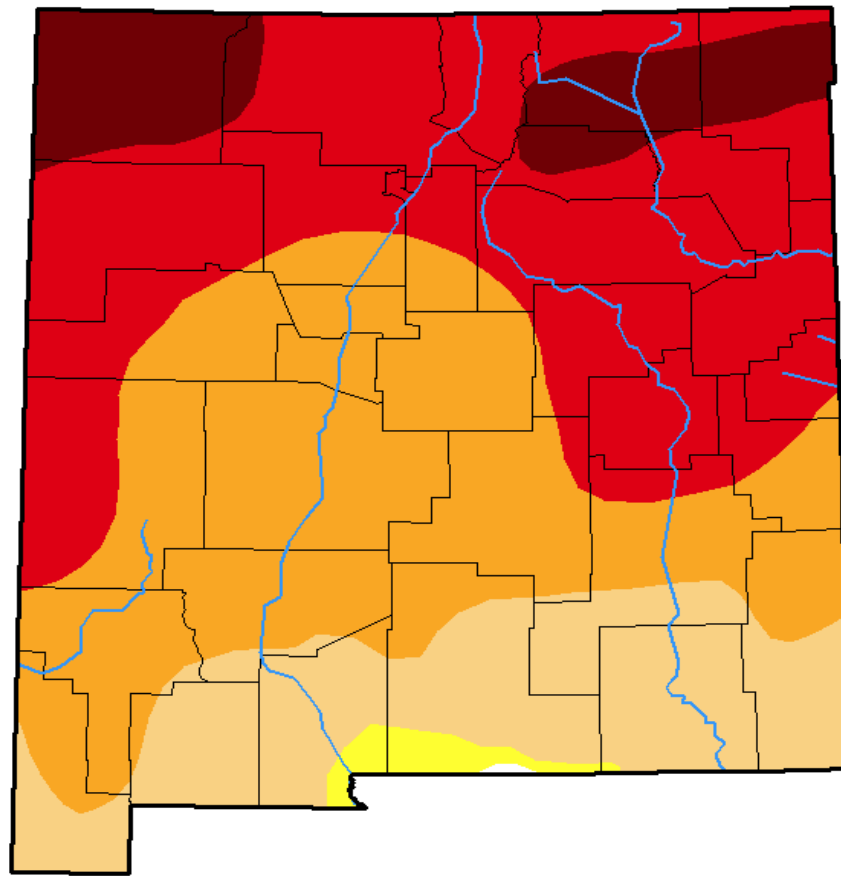
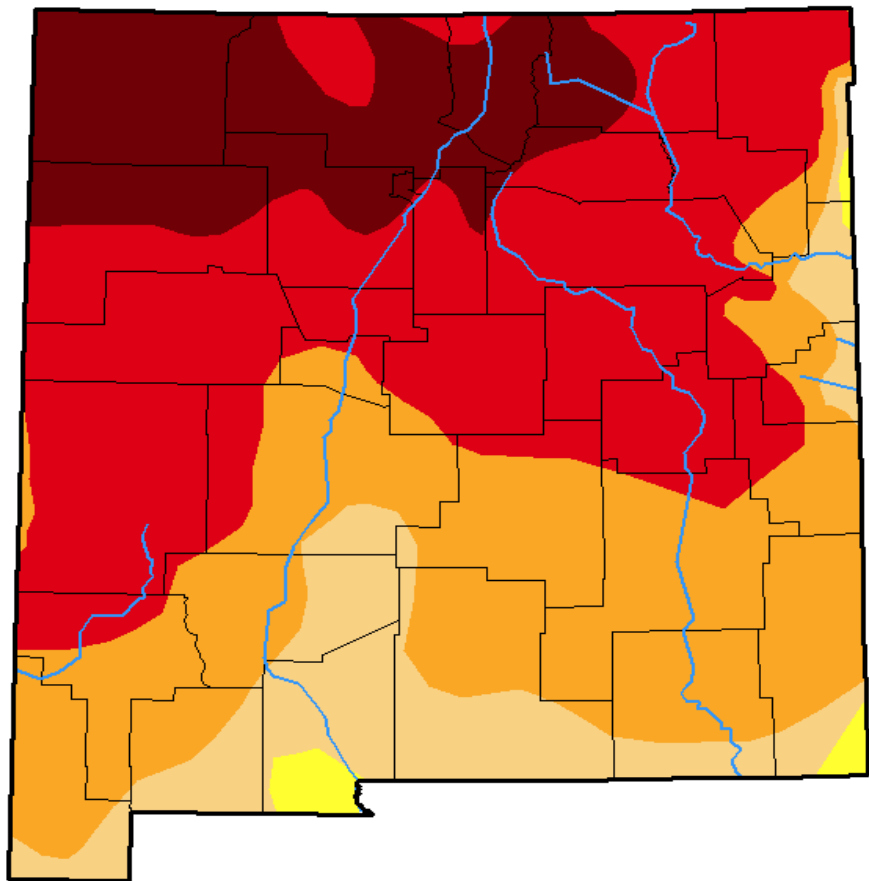


Current drought conditions for New Mexico and 3 month change

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






July 24, 2018

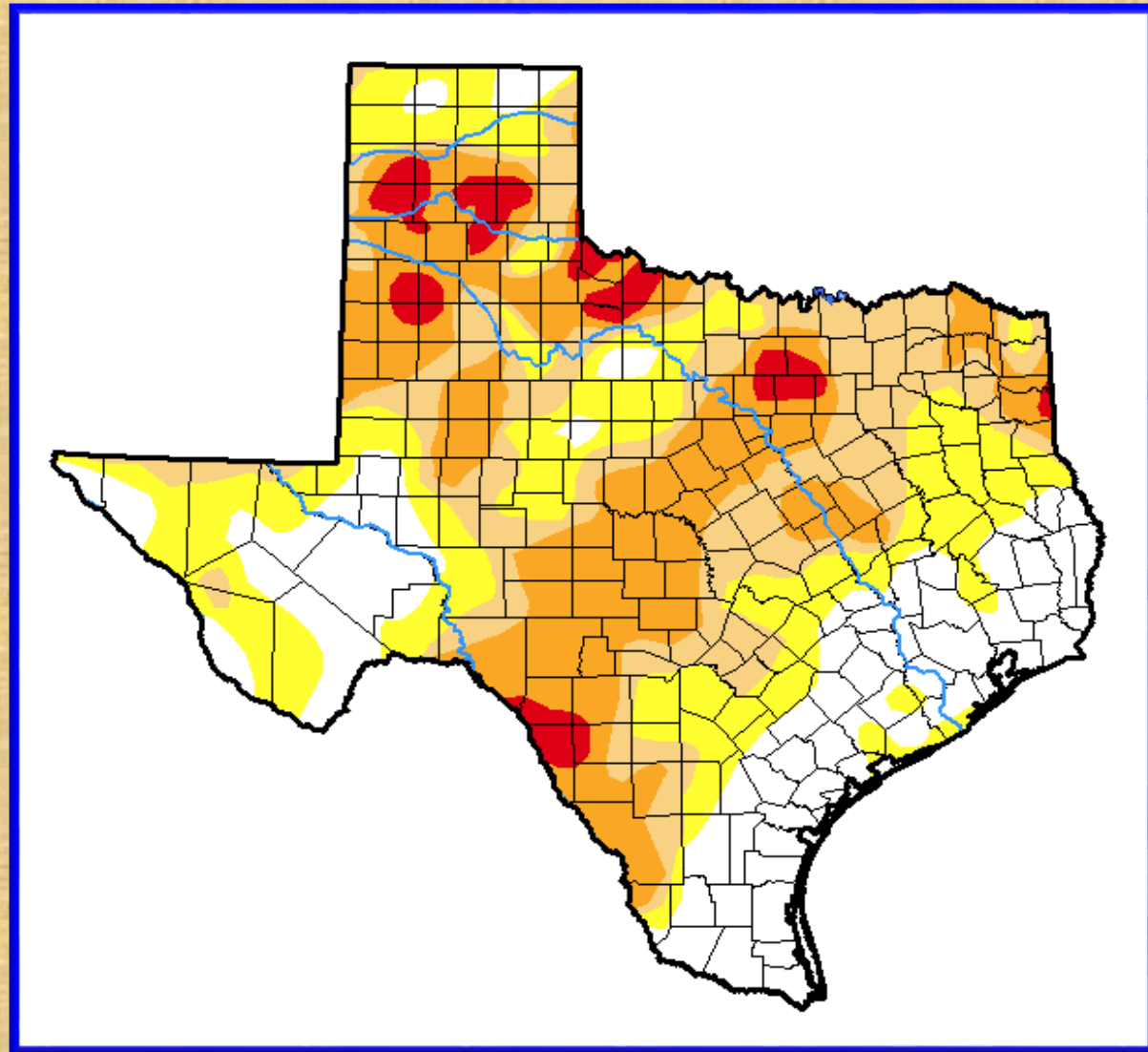
April 24, 2018



Current drought conditions for Texas as of July 24, 2018

Intensity:

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



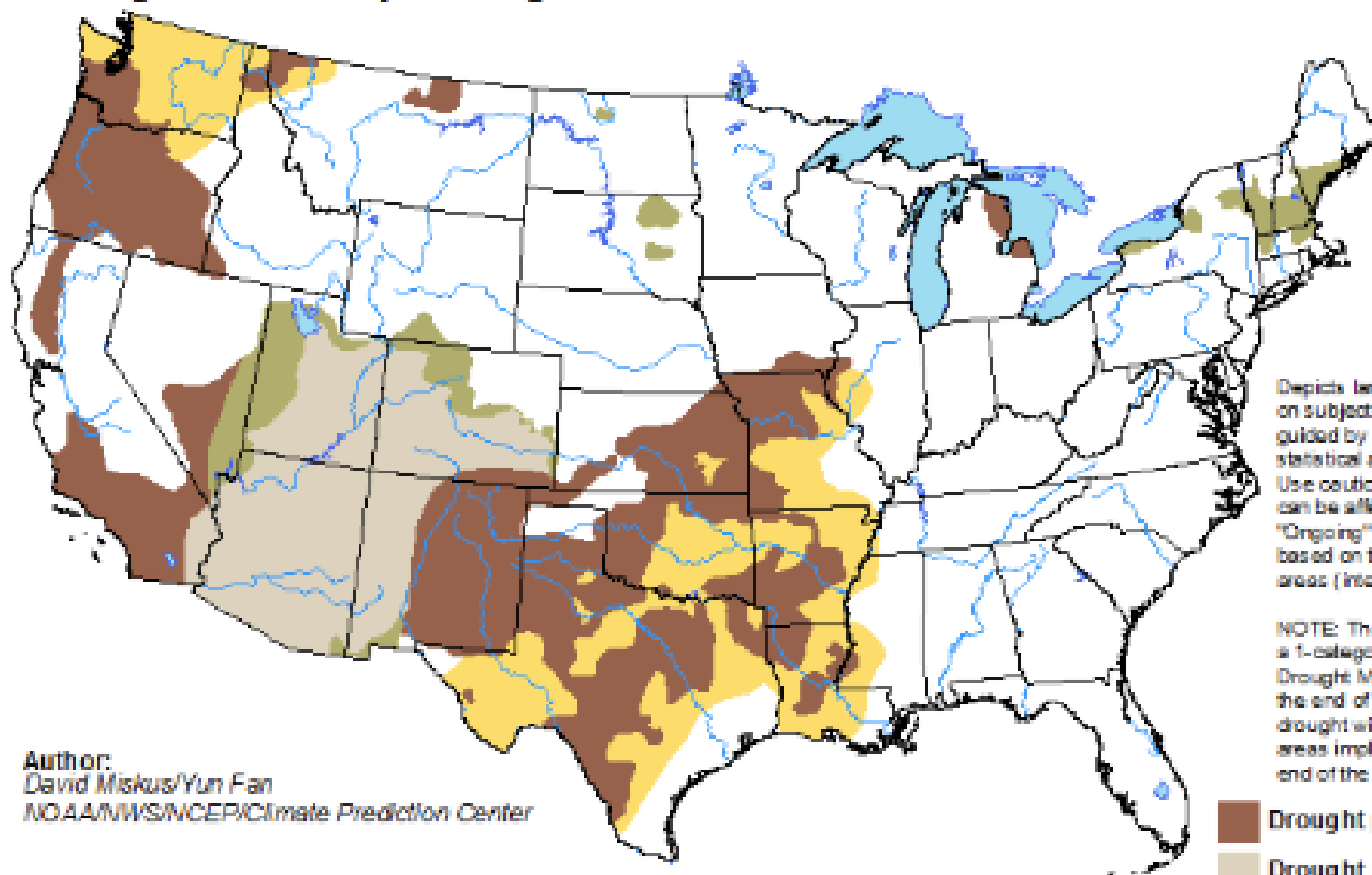
Build your own custom slider maps here at:

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

U.S. Seasonal Drought Outlook





Drought Tendency During the Valid Period

Valid for July 19 - October 31, 2018
Released July 19, 2018

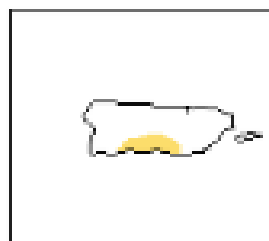
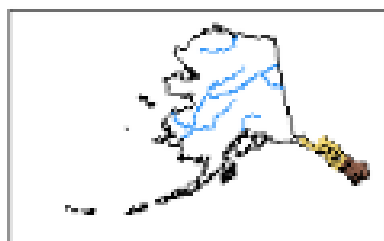


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensity of D1 to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

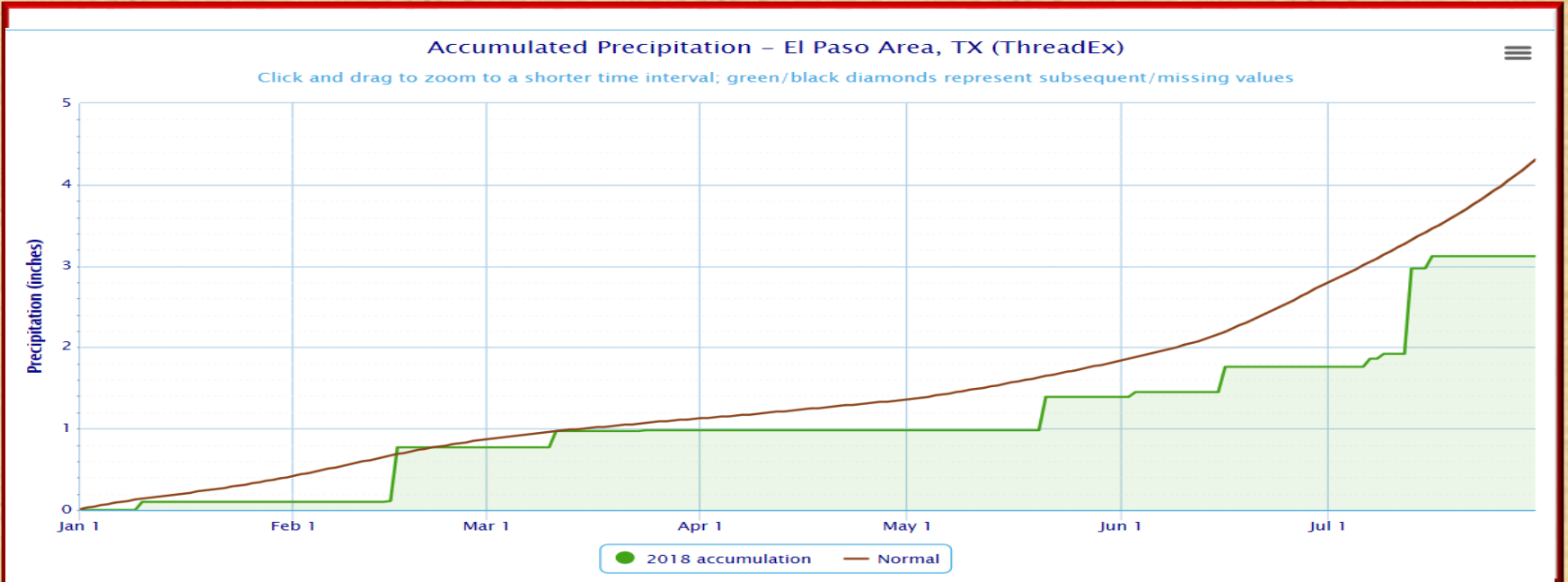
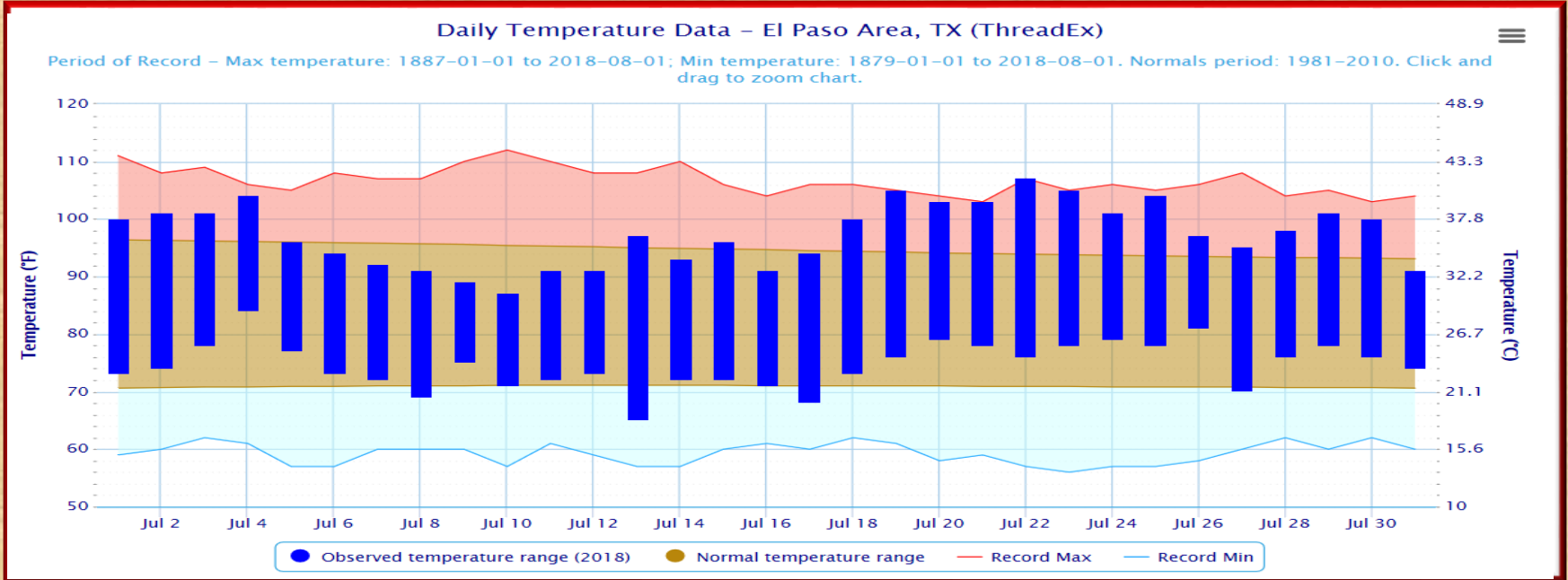
-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

Author:
David Miskus/Yun Fan
NOAA/NWS/NCEP/Climate Prediction Center

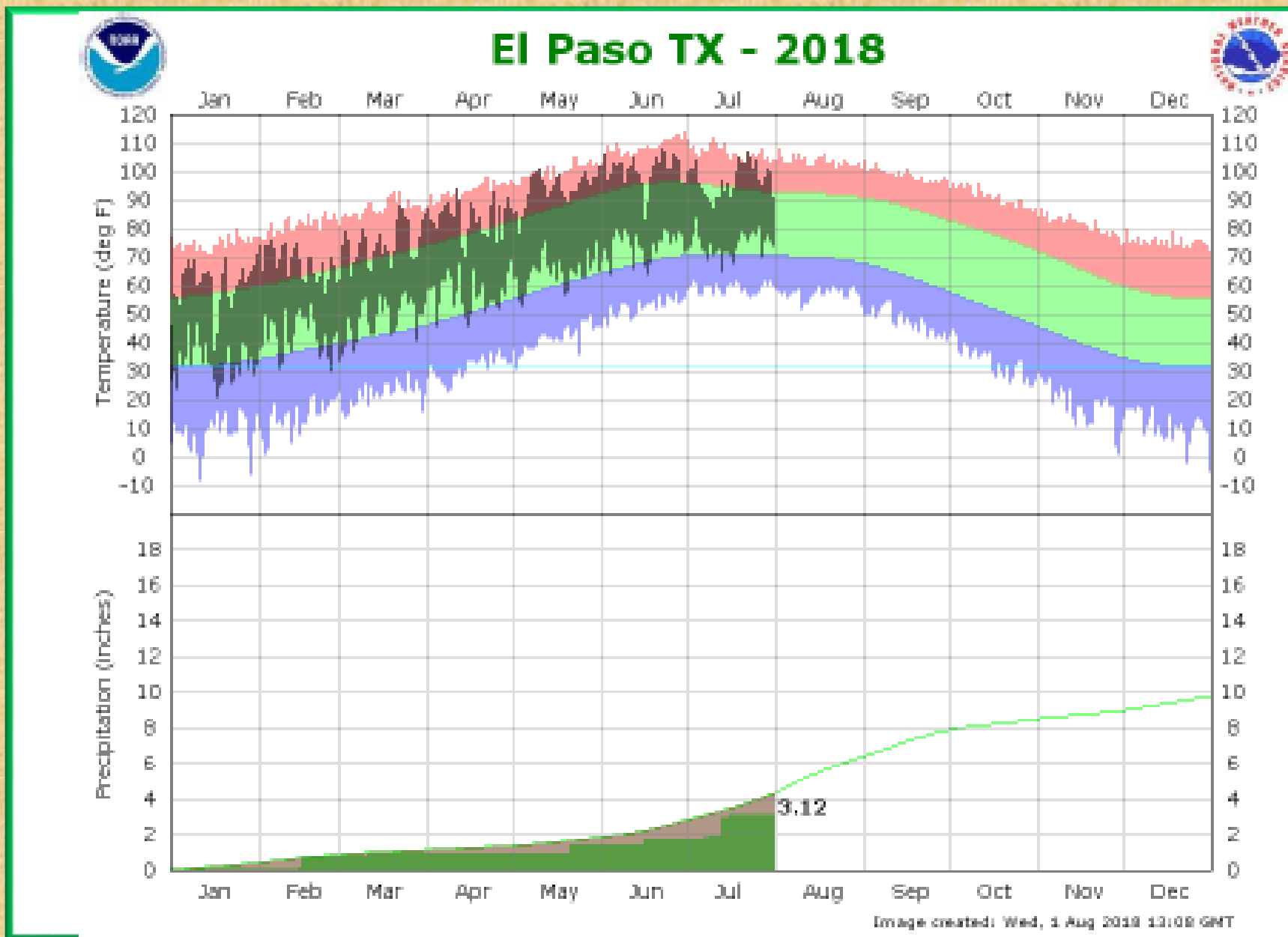


<http://go.usa.gov/3eZ73>

Temperature and precipitation data for July 2018 in El Paso



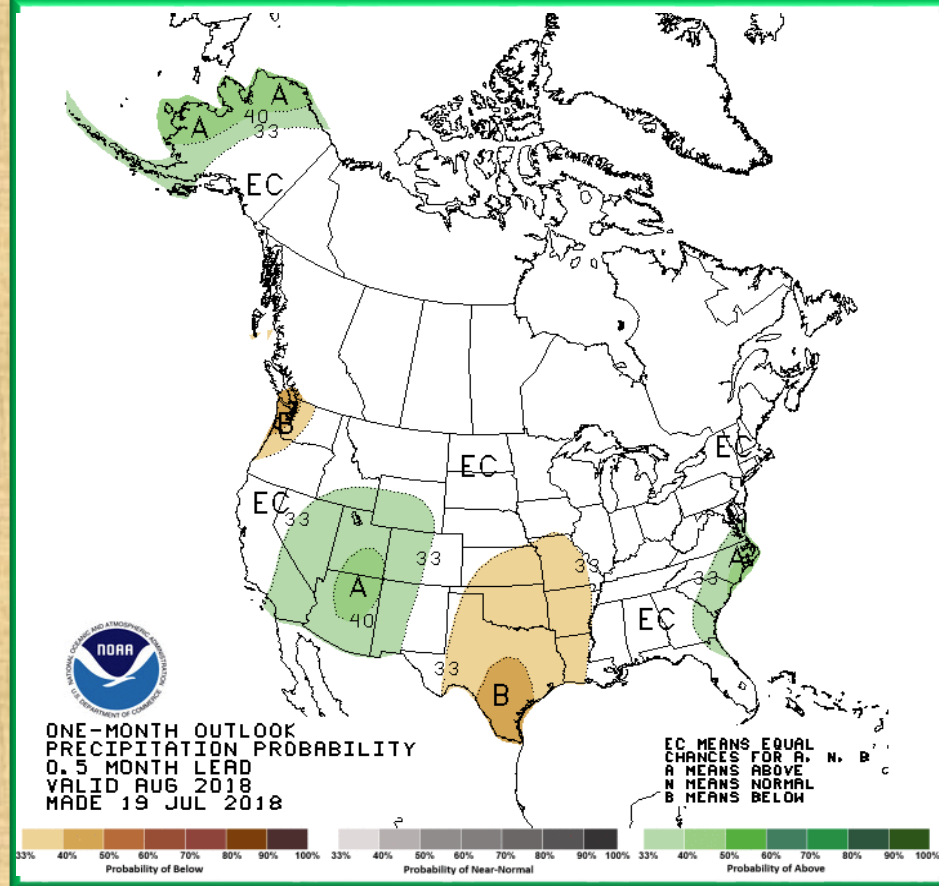
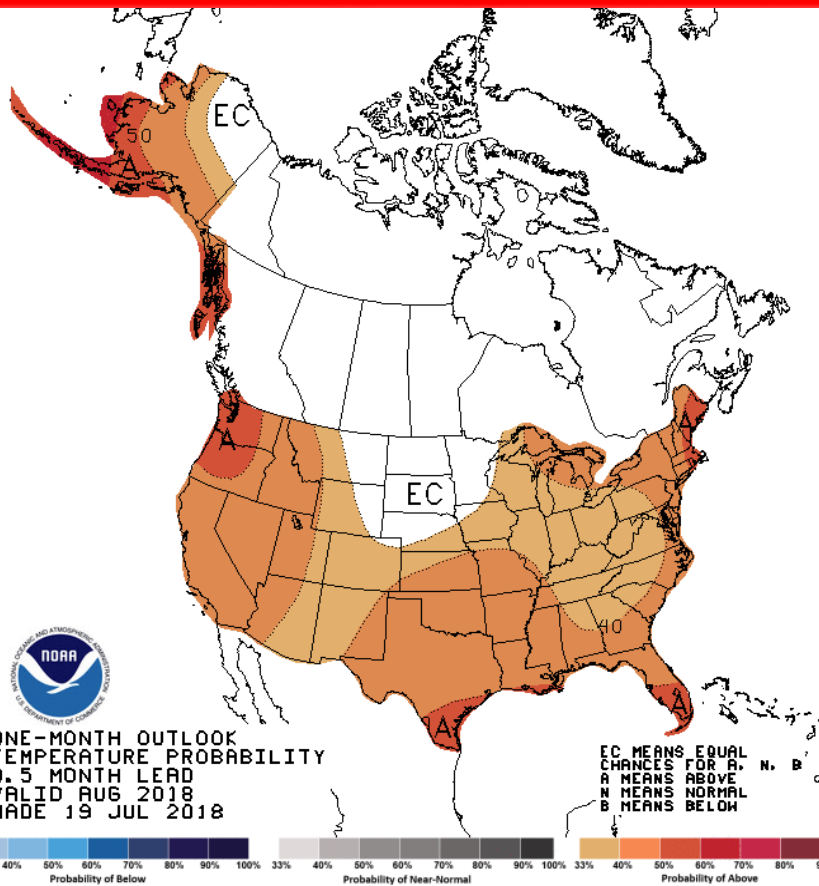
2018 year-to-date temperature and precipitation data El Paso



Temperature and precipitation outlook for August 2018

Temperature

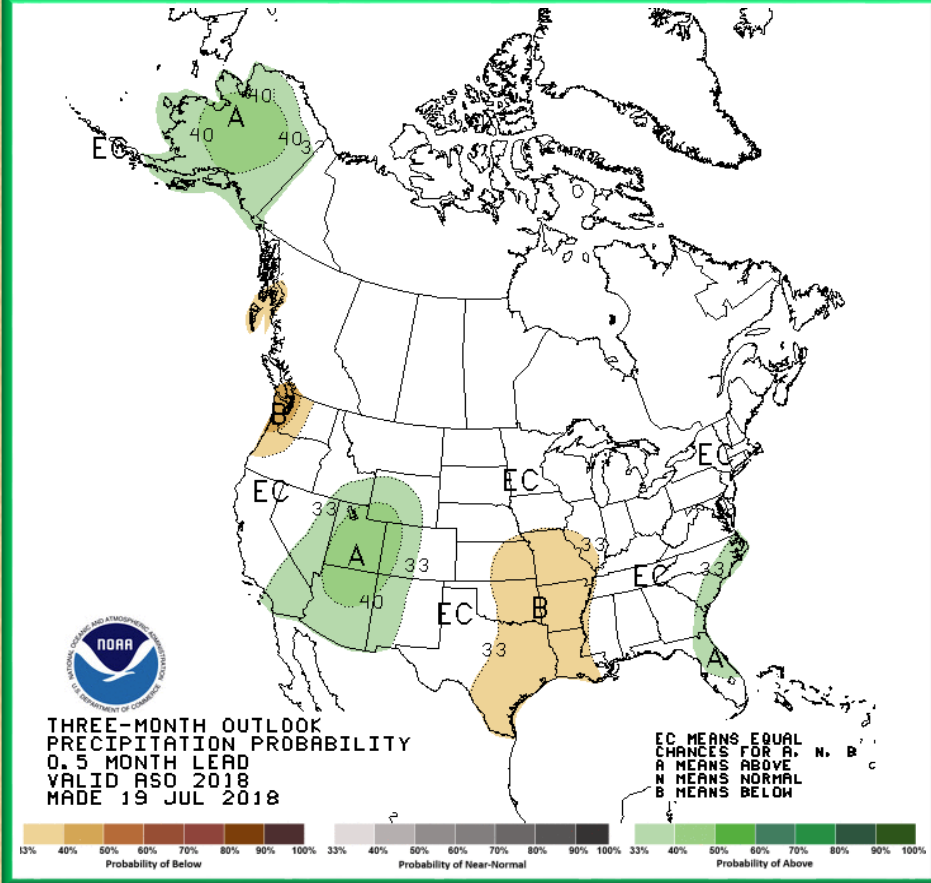
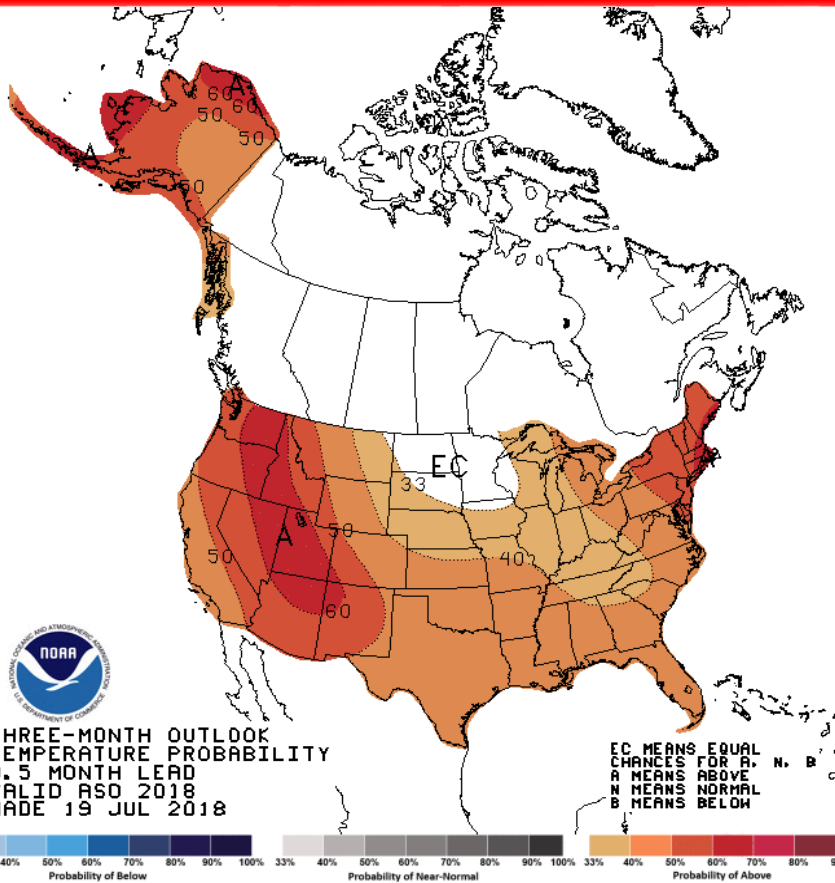
Precipitation



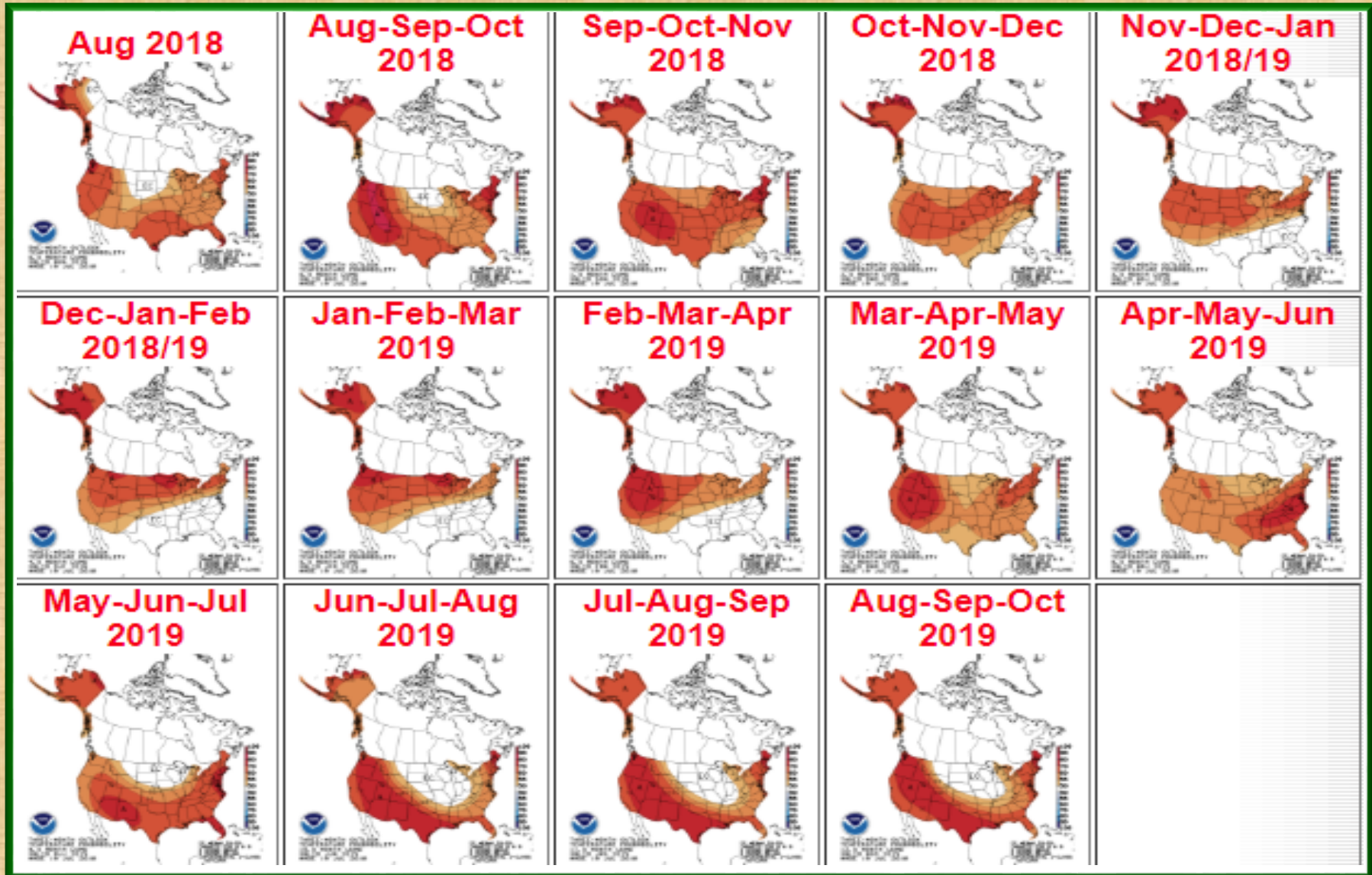
Temperature and precipitation outlook For Aug-Oct 2018

Temperature

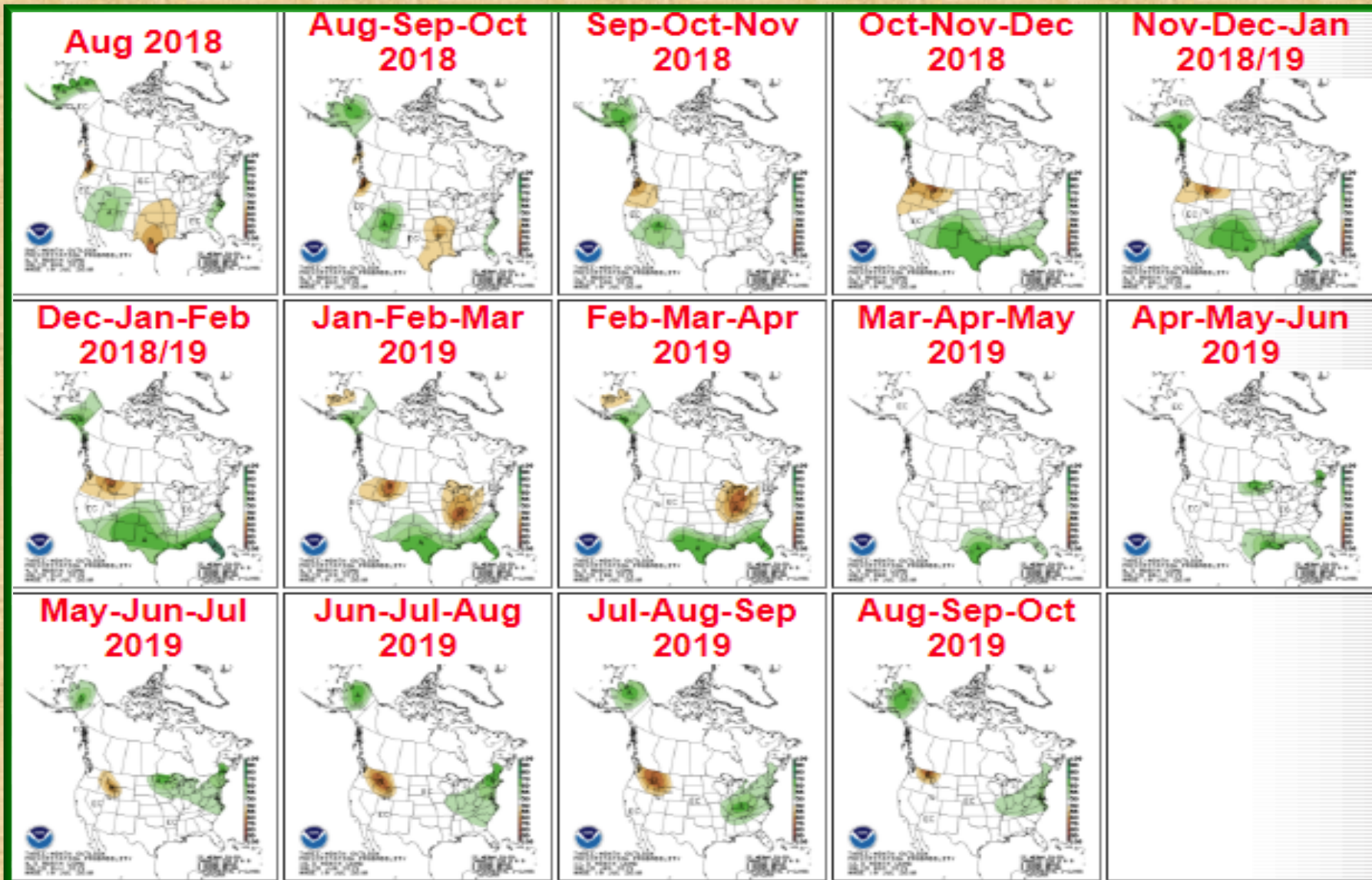
Precipitation



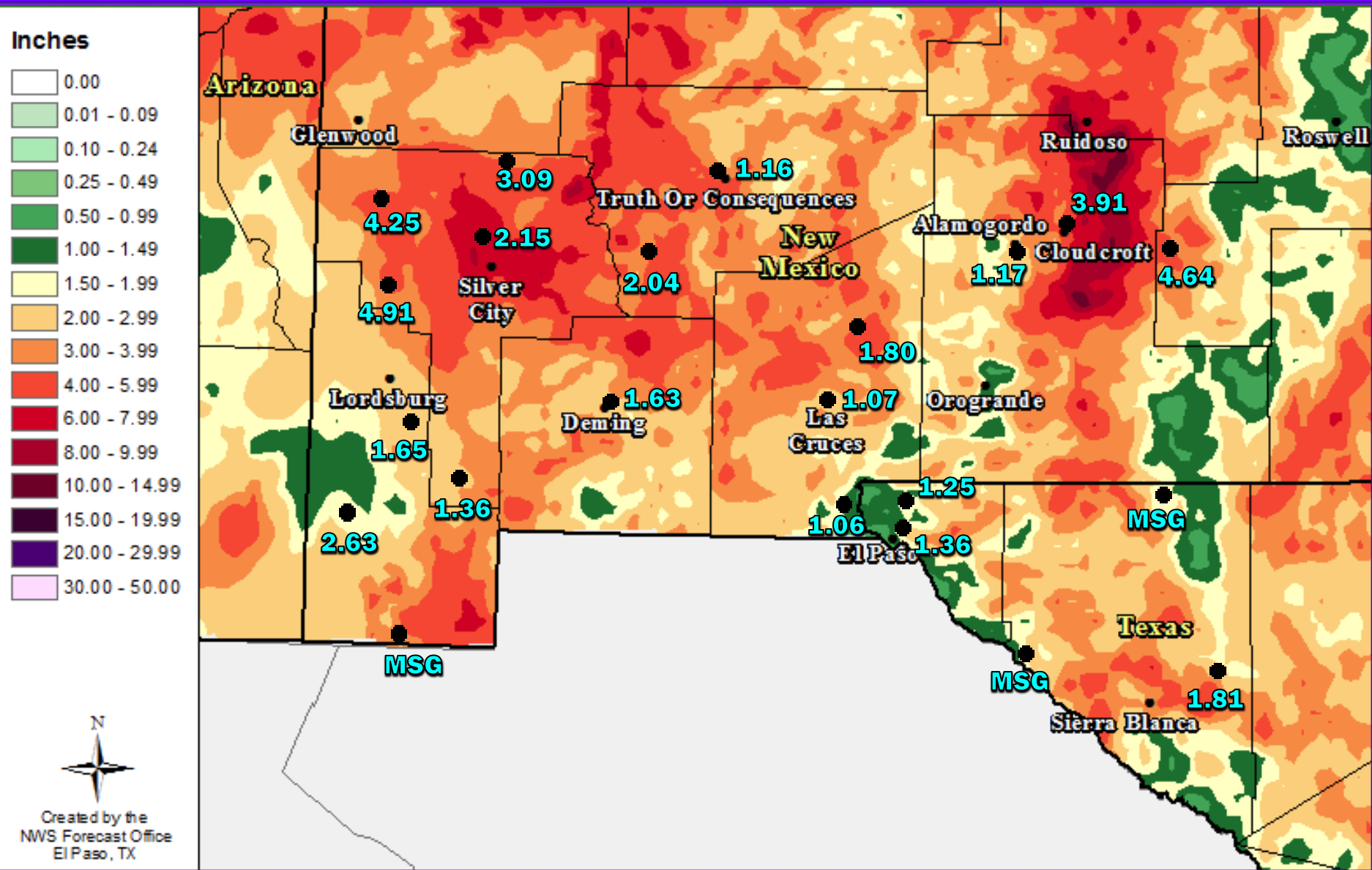
Temperature Outlook Through October 2019



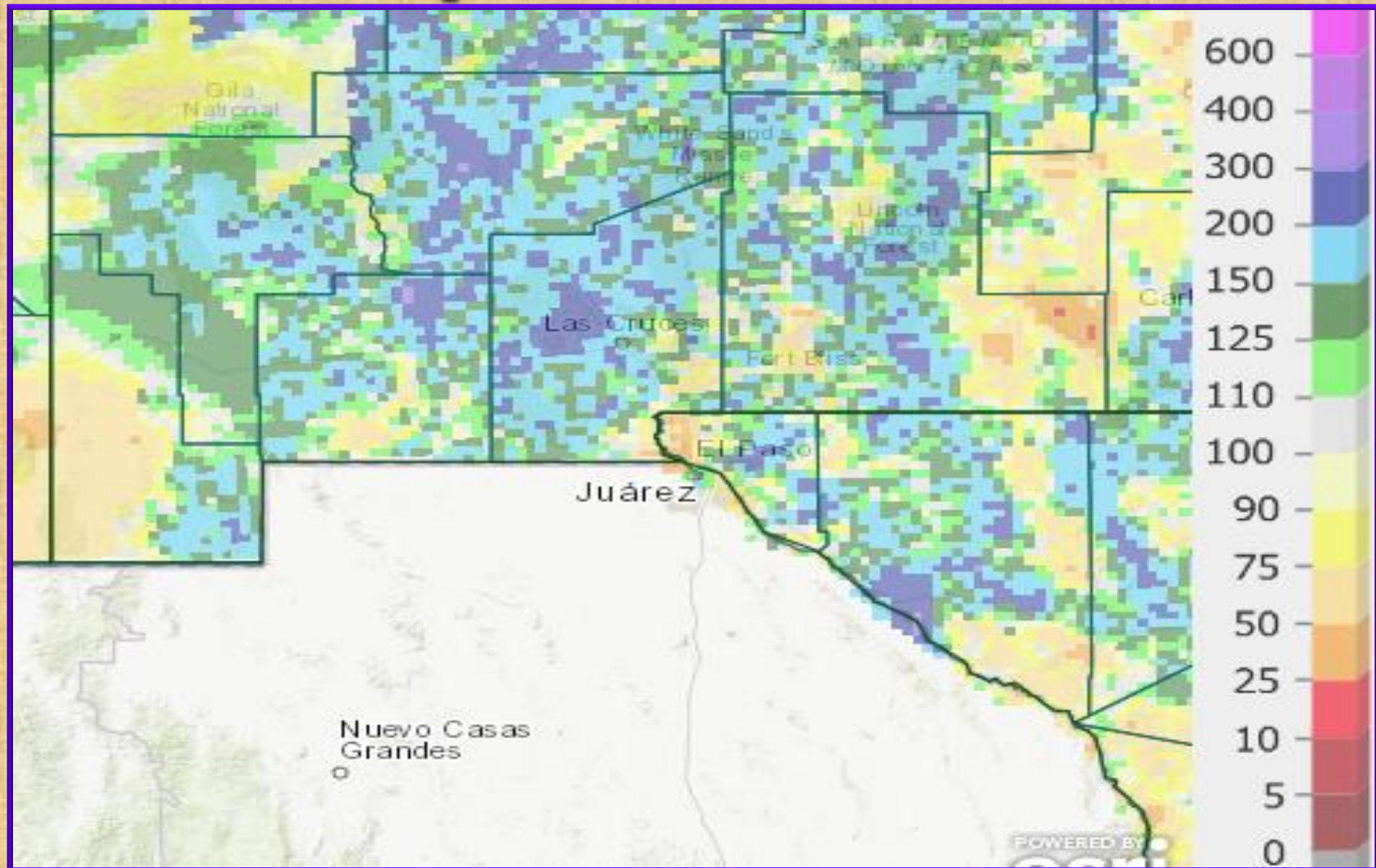
Precipitation Outlook Through October 2019



July 2018 radar rainfall estimate with surface rainfall reports

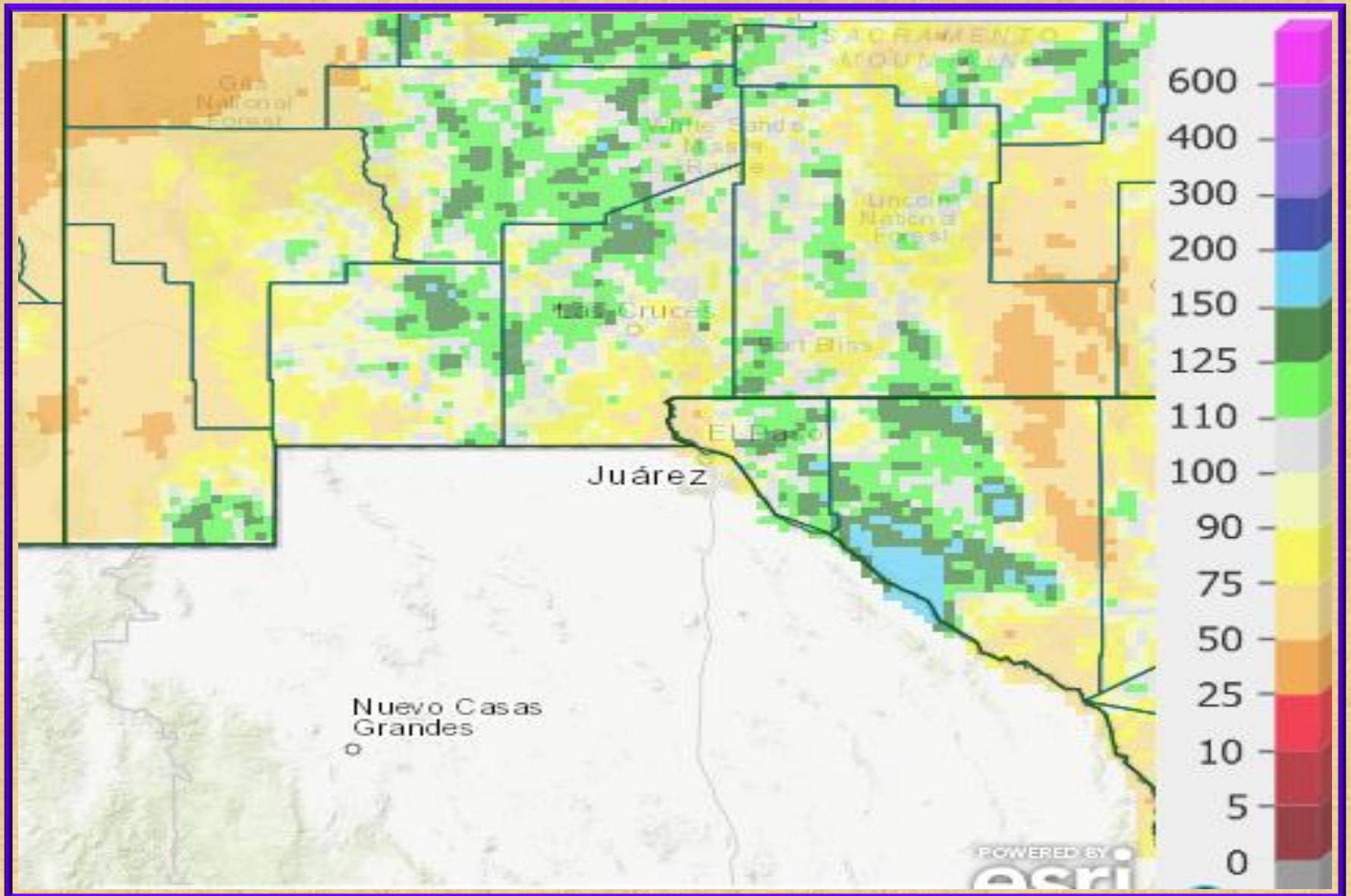


July 2018 radar rainfall estimate percent of normal



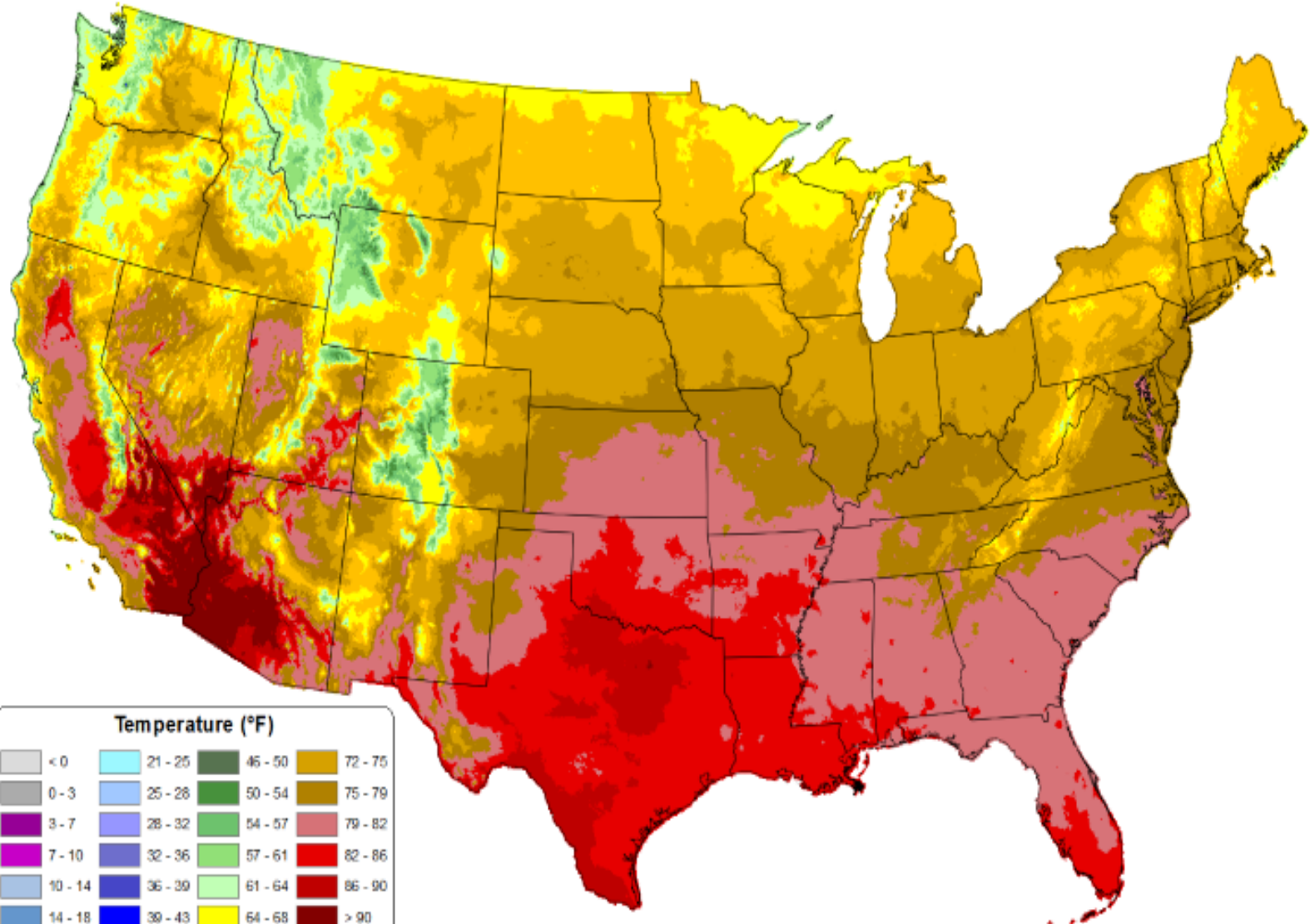
Oct through July 31 (Water Year to date)

Percent of Normal



Average Daily Mean Temperature for July 2018

(Map created 02 Aug 2018)



Temperature (°F)

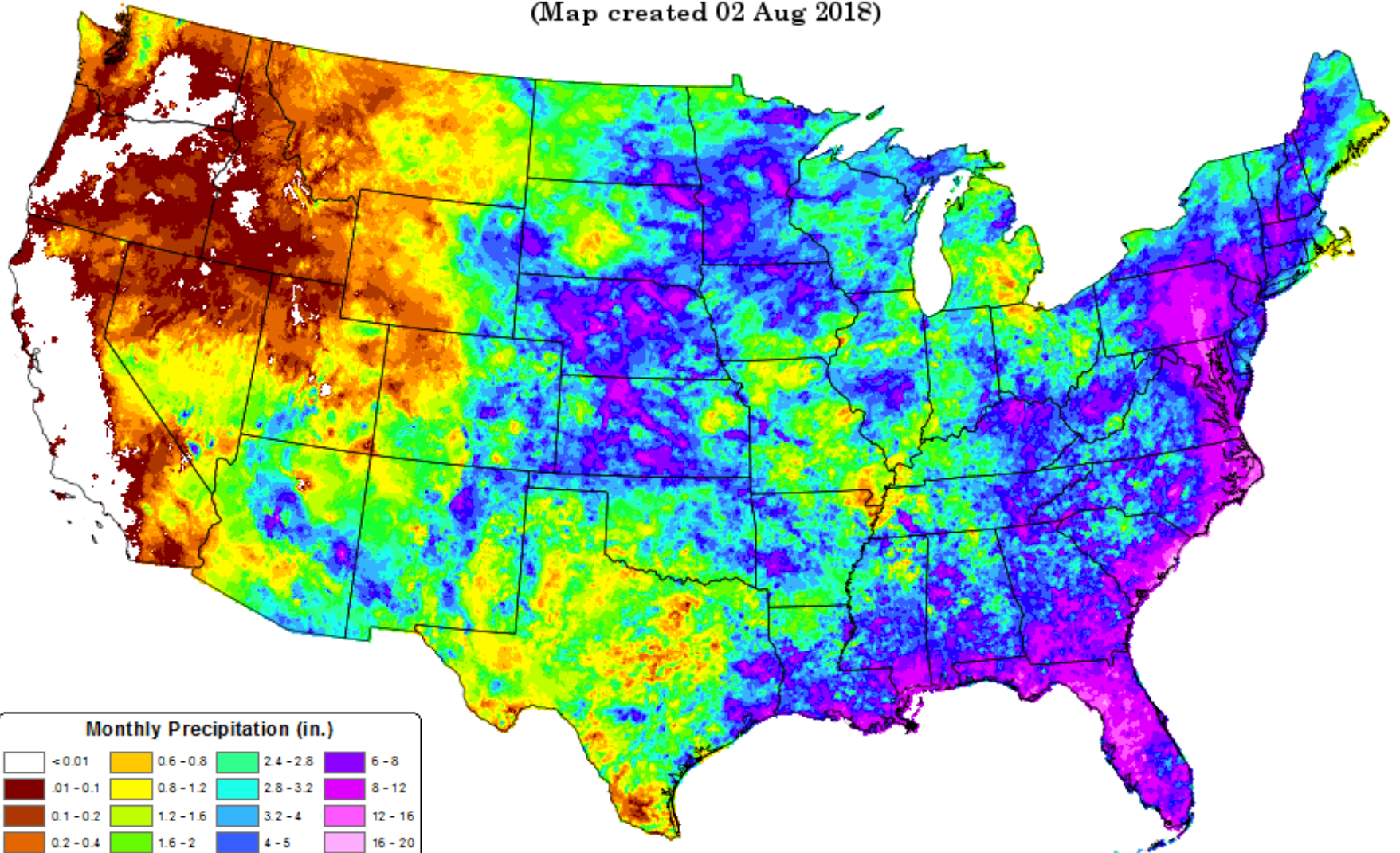
< 0	21 - 25	46 - 50	72 - 75
0 - 3	25 - 28	50 - 54	75 - 79
3 - 7	28 - 32	54 - 57	79 - 82
7 - 10	32 - 36	57 - 61	82 - 86
10 - 14	36 - 39	61 - 64	86 - 90
14 - 18	39 - 43	64 - 68	> 90
18 - 21	43 - 46	68 - 72	

Total Precipitation for July 2018

Total Precipitation: July 2018

Period ending 31 Jul 2018

(Map created 02 Aug 2018)

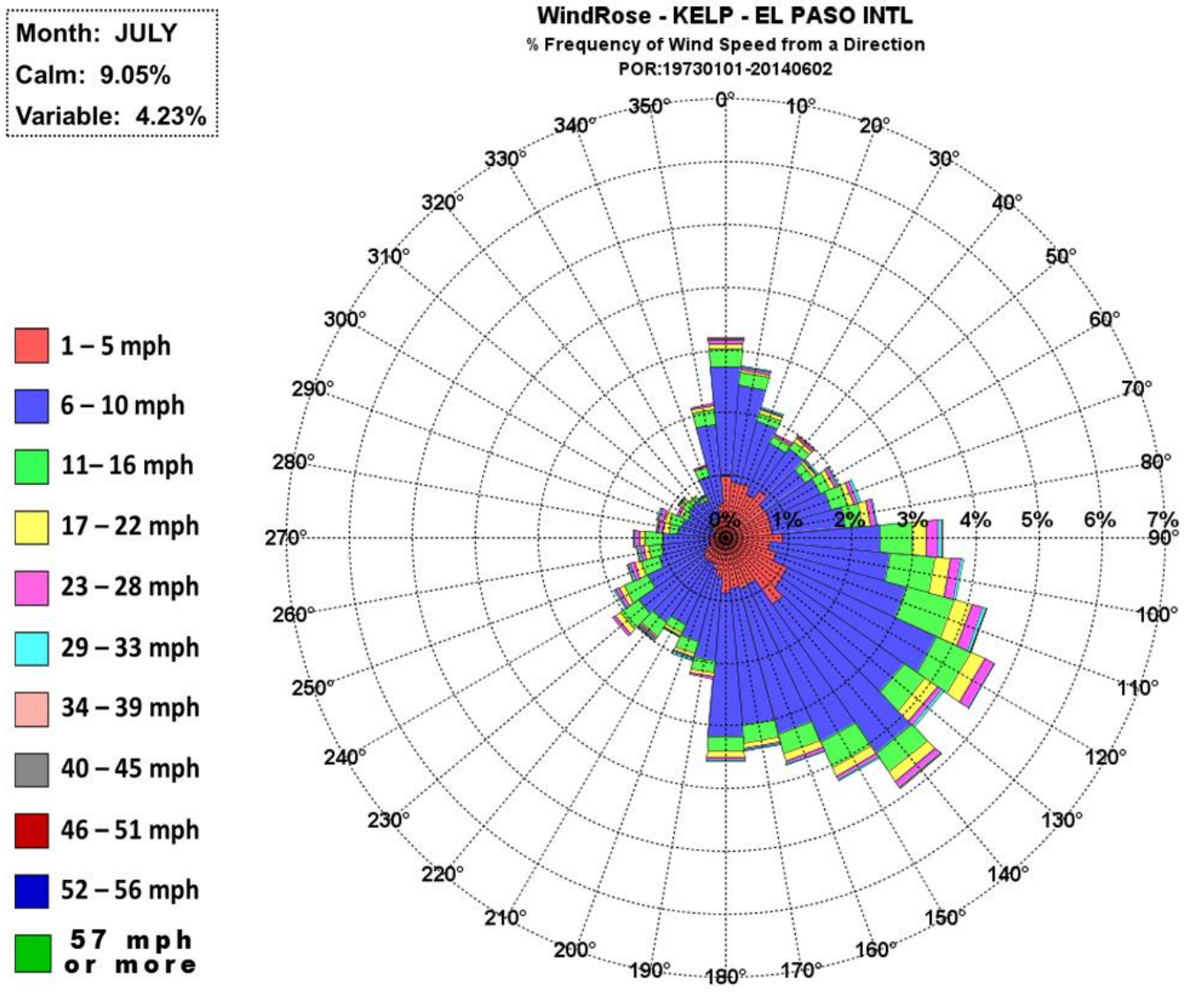


Monthly Precipitation (in.)

<0.01	0.6-0.8	2.4-2.8	6-8
.01-0.1	0.8-1.2	2.8-3.2	8-12
0.1-0.2	1.2-1.6	3.2-4	12-16
0.2-0.4	1.6-2	4-5	16-20
0.4-0.6	2-2.4	5-6	>20

Special Features

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



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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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

