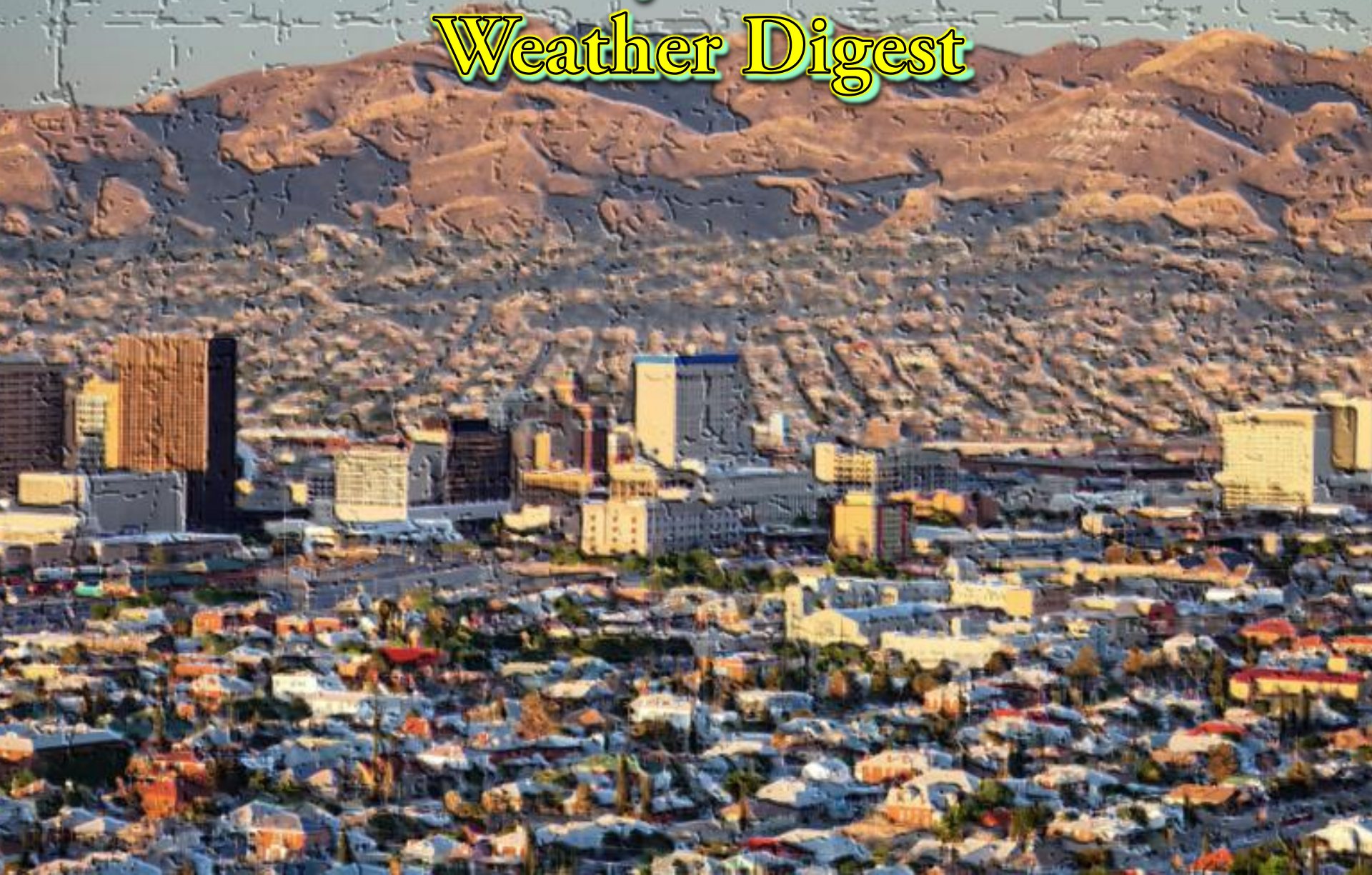


May 2018

Weather Digest



May 2018 Weather Summary

May was very similar to April in that it was very warm and mostly dry. And the month's precipitation was mostly received on one or two days. And when we say warm, we mean warm. May shattered most temperature records and the month ended up being about 3-5 degrees above normal at most reporting sights. El Paso recorded its 3rd warmest May on record with an average temperature of 79.5 degrees (5.6 deg. above normal), 3rd warmest May on record. At the Santa Teresa NWS, we recorded an average temperature of 74.8 degrees, second warmest ever. Even the higher elevation sites couldn't escape the heat. Cloudcroft recorded an average temperature of 56.1 degrees, their 2nd warmest May on record.

May was also again very dry, and like April, most sites received most or all of their precipitation on one day. On the 20th, the dry line moved west across much of the Borderland with a rapid increase in humidity. This combined with an unstable atmosphere to produce strong and a few severe thunderstorms across much of the area east of the Rio Grande. Large hail and strong damaging winds accompanied many of these storms. For the month, most of the area west of the Rio Grande Valley was well below normal, while to the east most of the area was slightly above normal. This has continued to worsen the drought conditions. Most of southern New Mexico was into the moderate to severe drought category. West Texas not quite as bad, still remaining in the abnormally dry category.

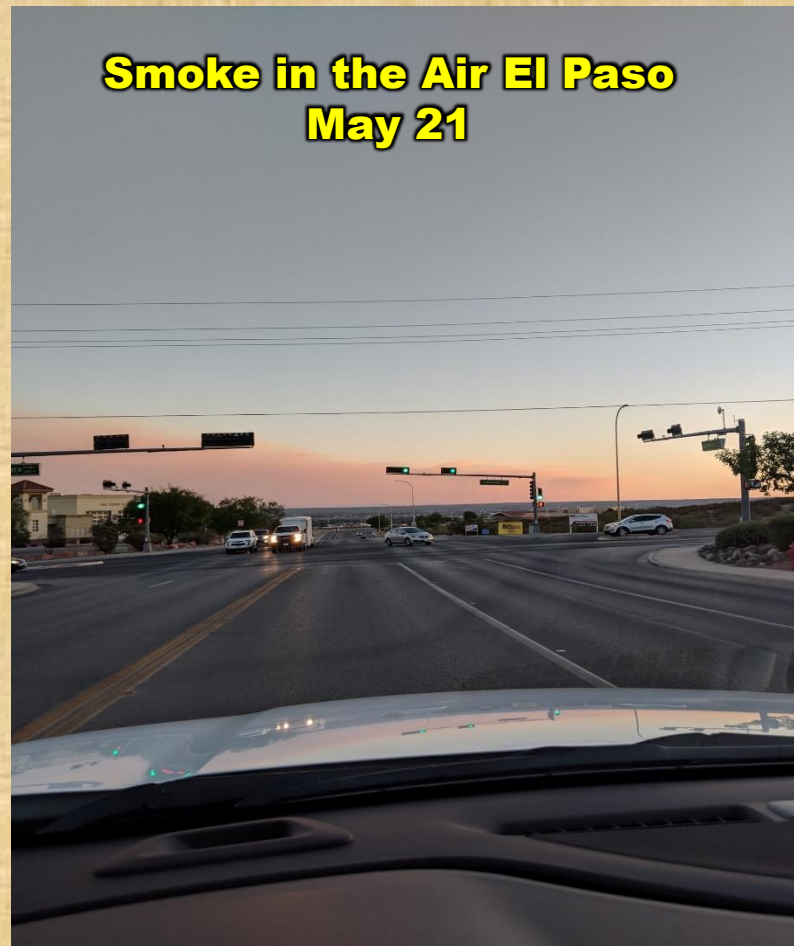
May 2018 Weather Summary Contd.

Looking ahead to June, our hottest temperatures of the year usually occur in this month. July has a slightly higher average temperature, but June sees a higher average daily high and also observes the most 100 degree days out of any month of the year. The month begins with 14 hours and 5 minutes of possible sunshine, peaking on the Summer Solstice on the 21st, with 14 hours and 13 minutes of possible sunshine. June 15th sees the official beginning of the Monsoon season, though the actual Monsoon season begins in early July. Though rarer, the Monsoon will occasionally begin in late June. Rainfall over most desert areas approaches one inch as we start to see more thunderstorms.

Smoke from Wildfires over SW New Mexico May 21



Smoke in the Air El Paso May 21



**Thunderstorm West El Paso
May 21**



**Thunderstorm West El Paso
May 21**



**Thunderstorm El Paso
May 21**



**Thunderstorm Over the Desert
May 21**



**Wind damage El Paso
May 21**



**Wind damage near Anthony
May 21**



**Wind damage El Paso
Upper Valley May 21**



**Wind damage El Paso
May 21**



**Wind damage West
El Paso May 21**



**Wind damage West
El Paso May 21**



**Wind damage West
El Paso May 21**



Flooding El Paso May 21



Flooding El Paso May 21



Hail Mesa Hills-El Paso May 21



Hail Mesa Hills-El Paso May 21



**Flooding Sunland Park
May 21**



**Flood Damage West El Paso
May 21**



**Flood Damage West El Paso
May 21**

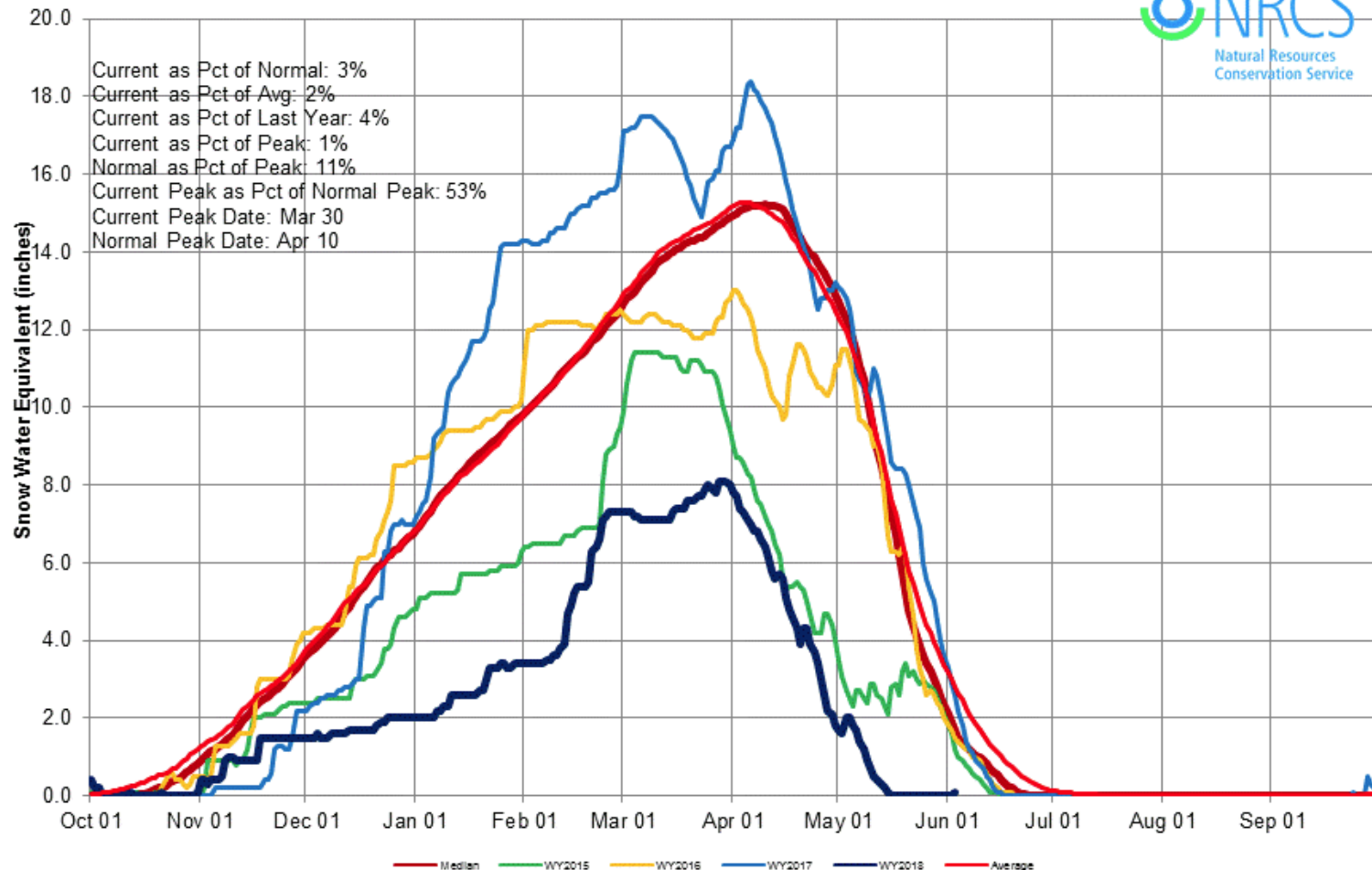


Upper Rio Grande Basin Time Series

Not a great winter snow pack year for the Rio Grande Basin

Upper Rio Grande Basin Time Series Snowpack Summary

Based on Provisional SNOTEL data as of Jun 03, 2018



La Niña Advisory no longer in effect as of the end of May

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.

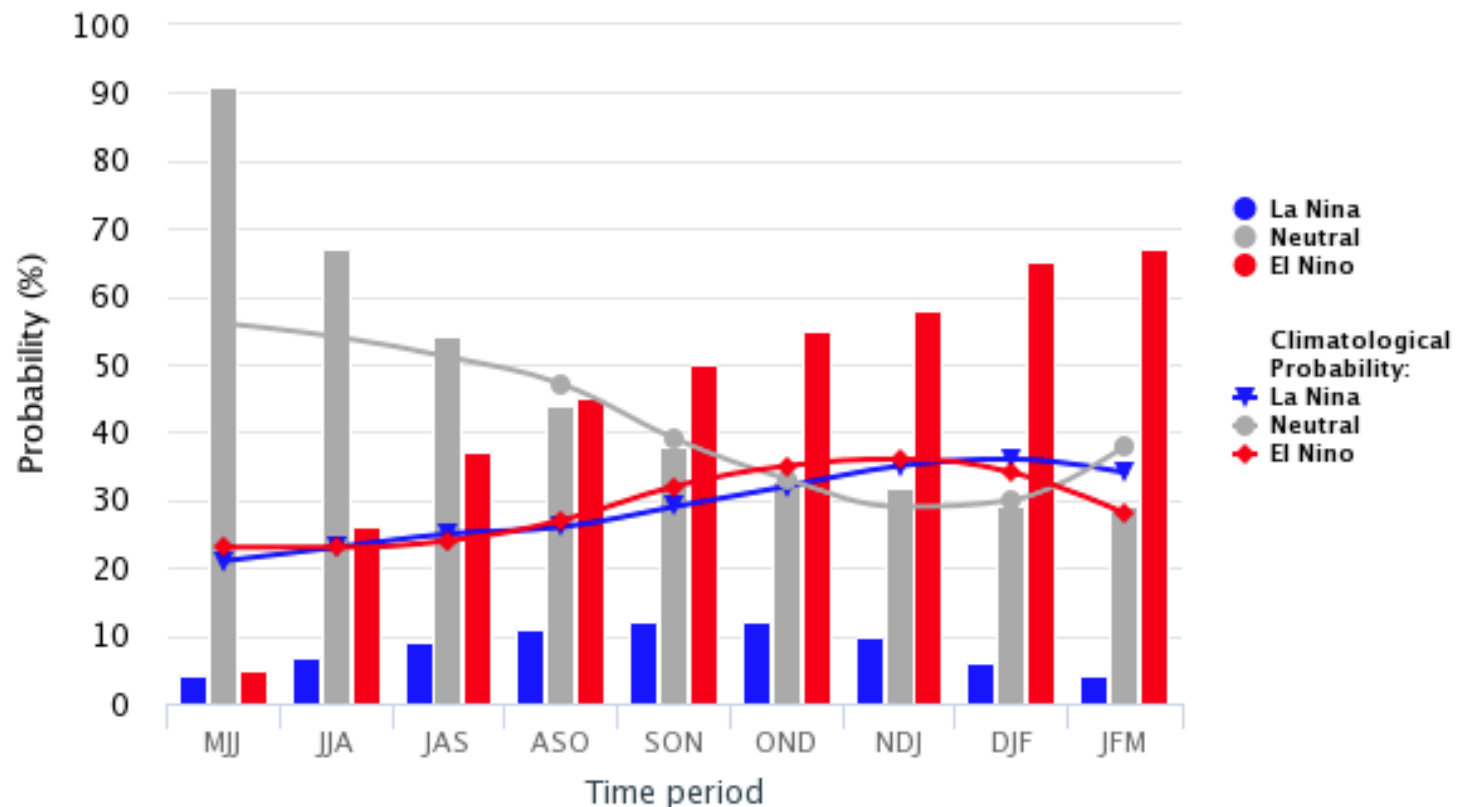
ENSO Forecast

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

Mid-May IRI/CPC Model-Based Probabilistic ENSO Forecasts

ENSO state based on NINO3.4 SST Anomaly

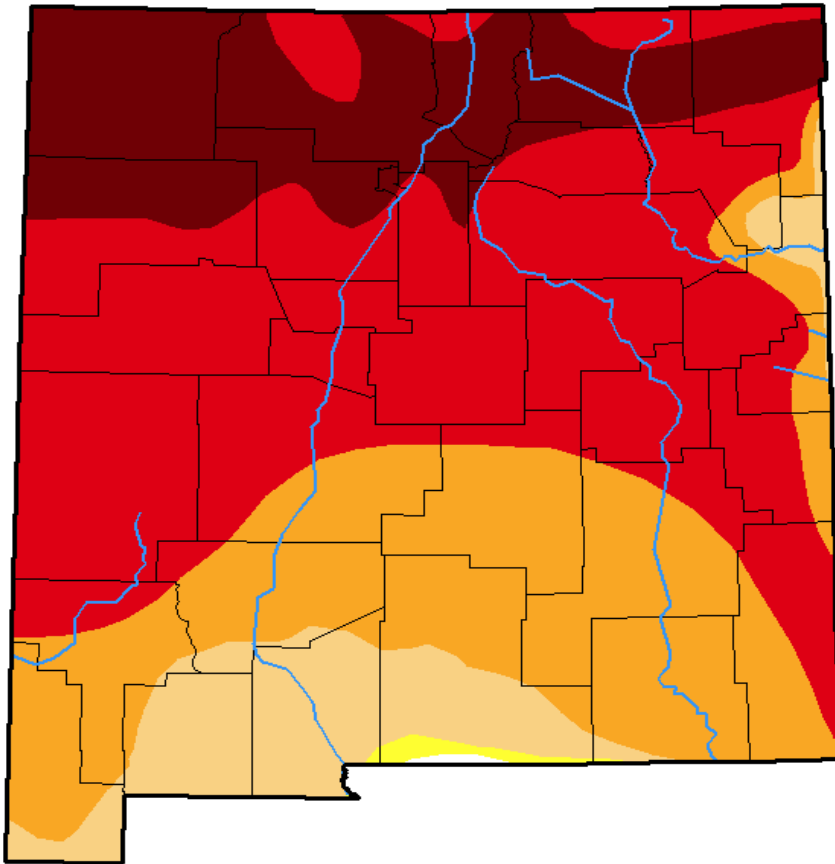
Neutral ENSO: -0.5°C to 0.5°C



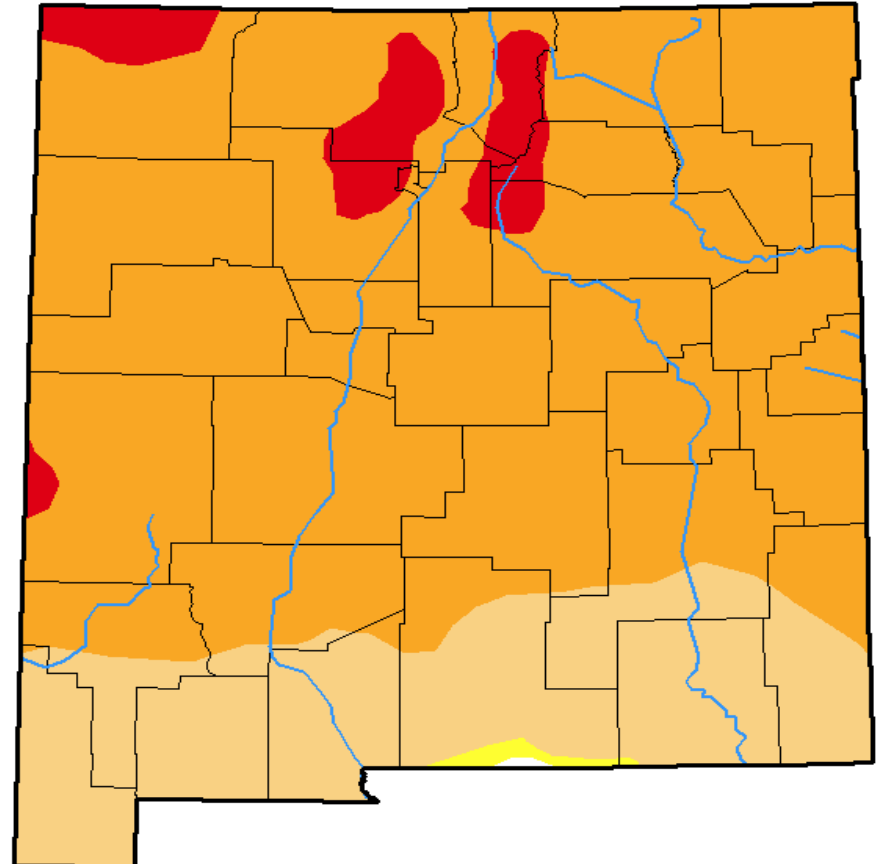
Current drought conditions for New Mexico and 3 month change

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

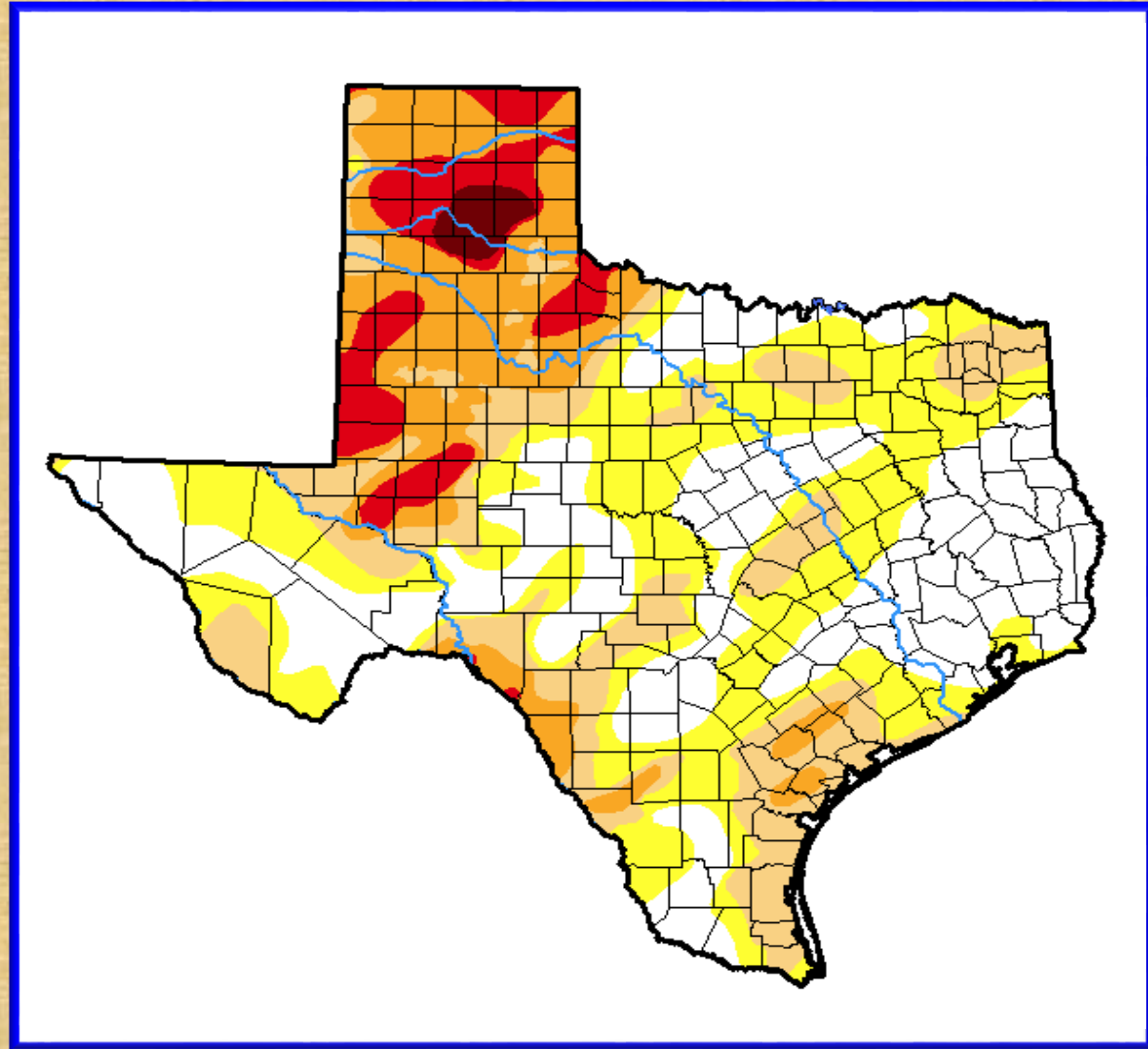
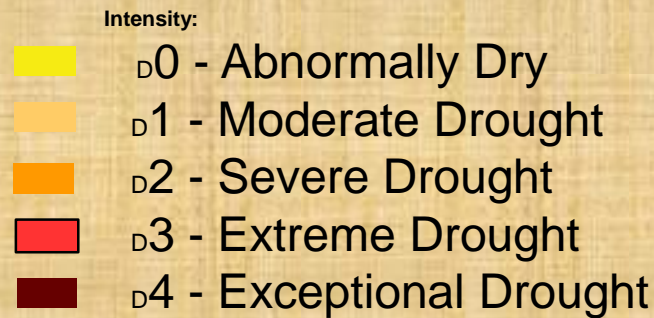
May 29, 2018



February 27, 2018



Current drought conditions for Texas as of April 24, 2018



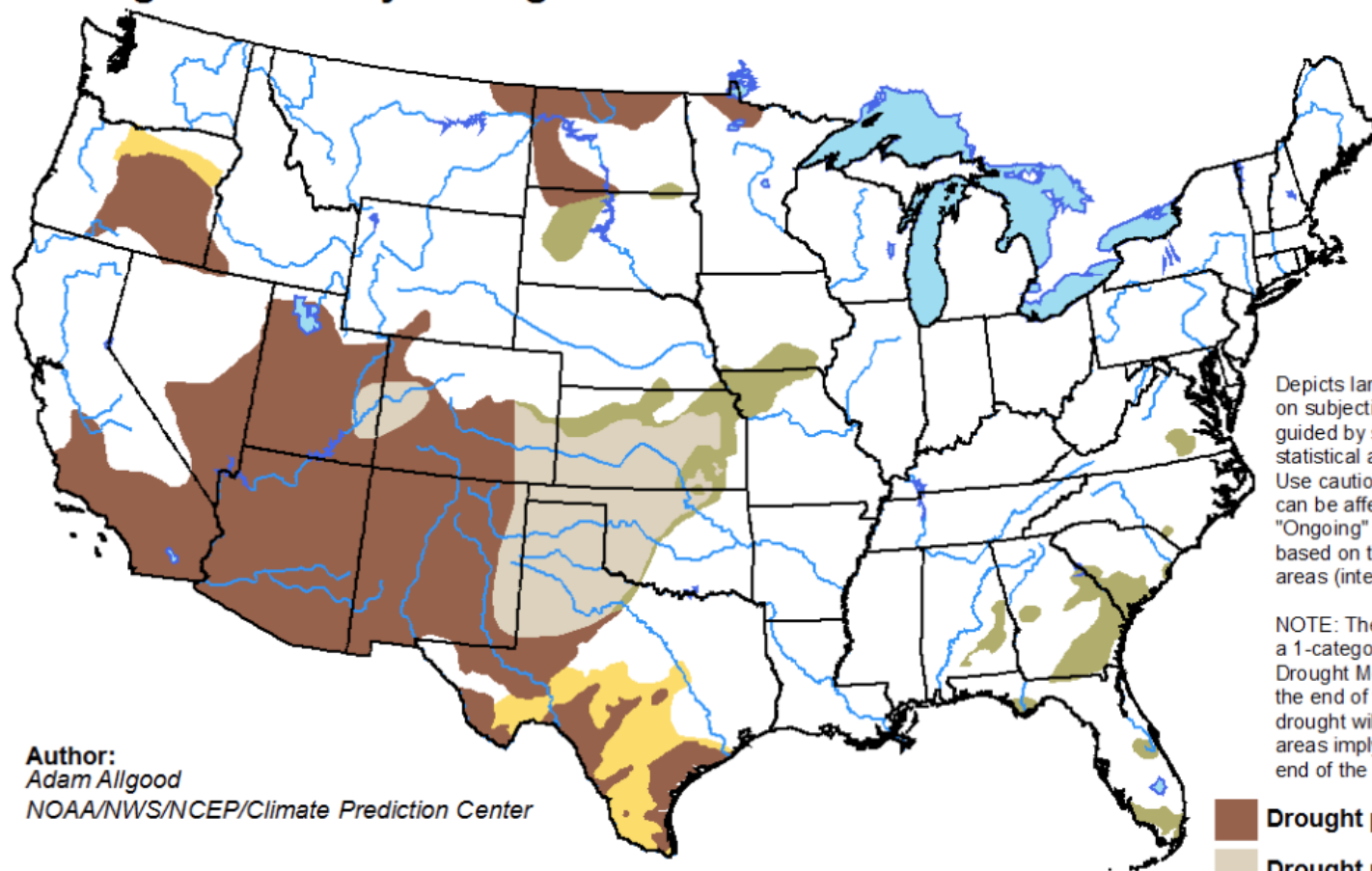
Build your own custom slider maps here at:

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

U.S. Seasonal Drought Outlook





Drought Tendency During the Valid Period

Valid for May 17 - August 31, 2018
Released May 17, 2018

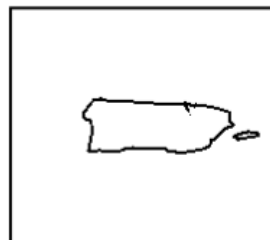


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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

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

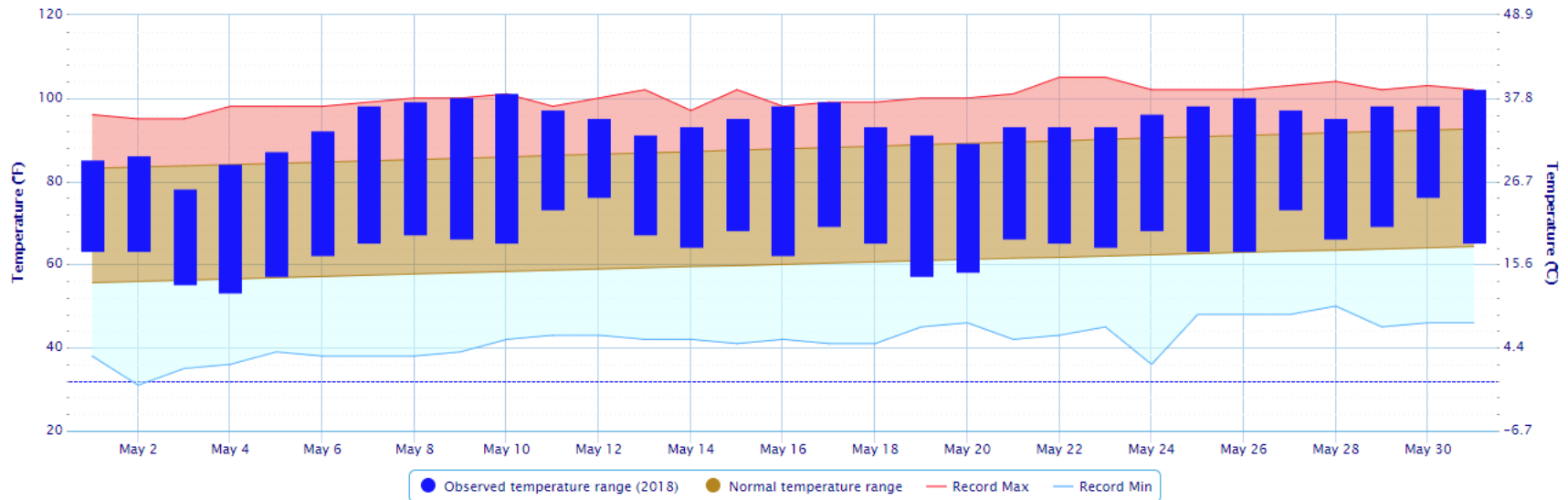


<http://go.usa.gov/3eZ73>

Temperature and precipitation data for April 2018 in El Paso

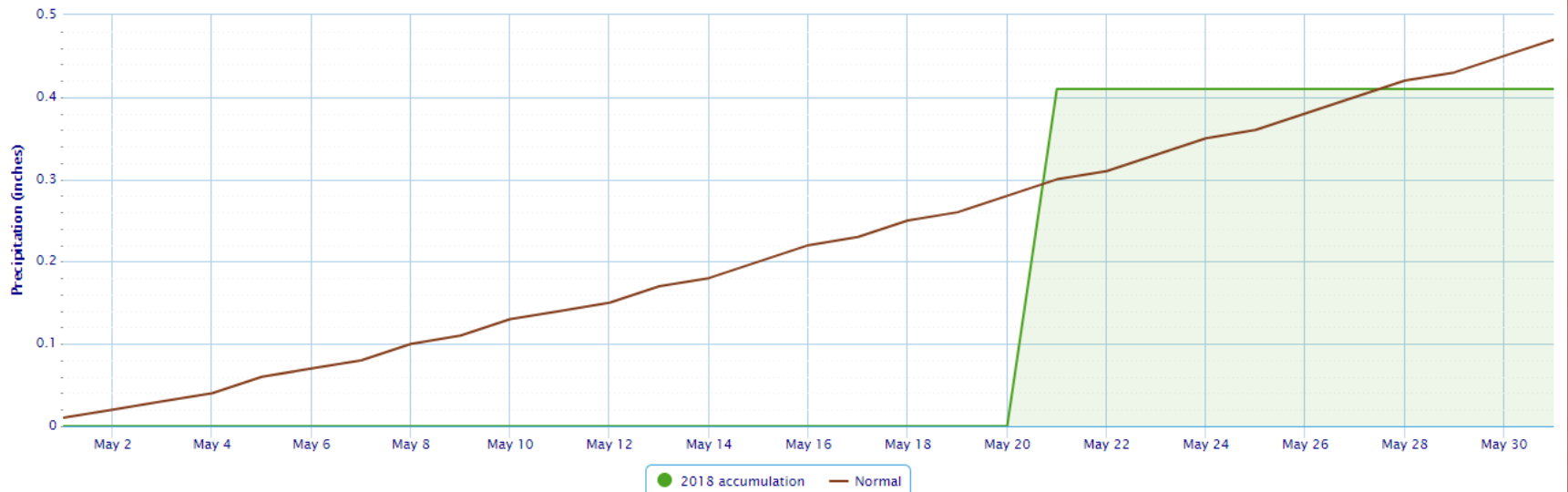
Daily Temperature Data – El Paso Area, TX (ThreadEx)

Period of Record – Max temperature: 1887-01-01 to 2018-06-03; Min temperature: 1879-01-01 to 2018-06-03. Normals period: 1981-2010. Click and drag to zoom chart.

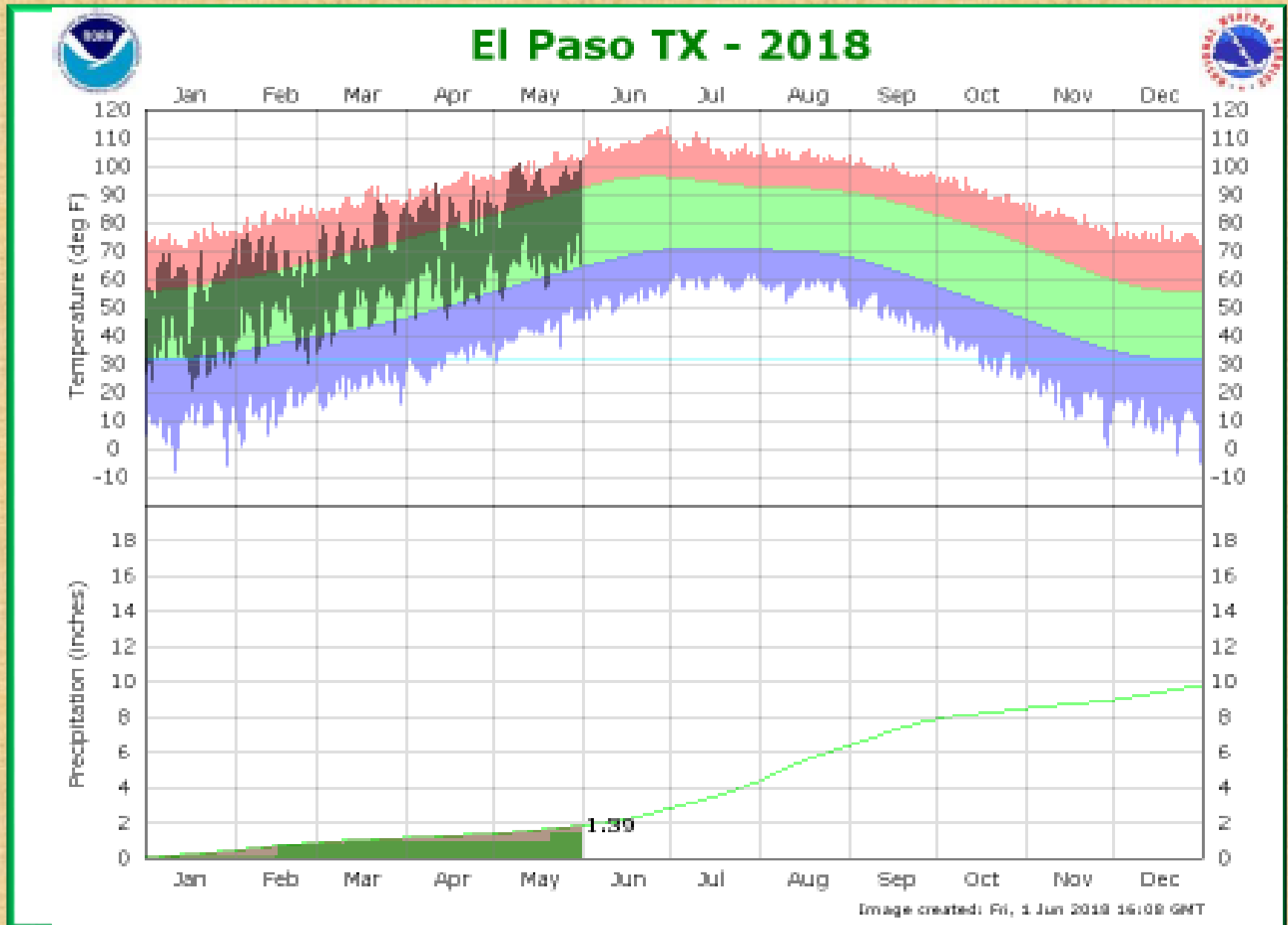


Accumulated Precipitation – El Paso Area, TX (ThreadEx)

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values

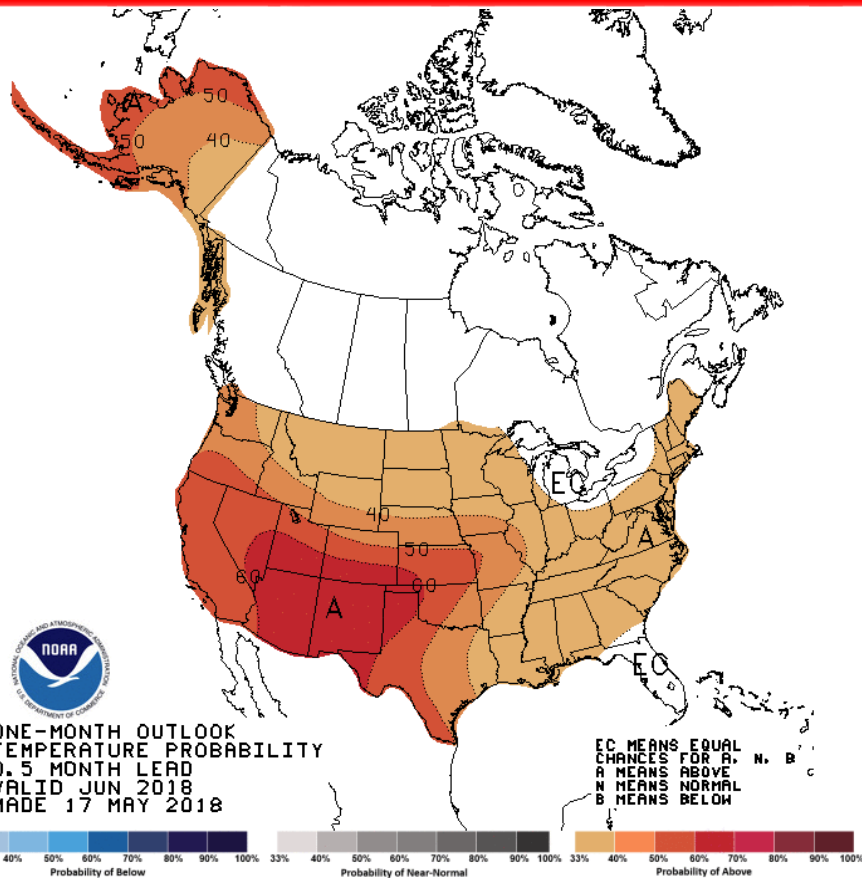


2018 year-to-date temperature and precipitation data El Paso

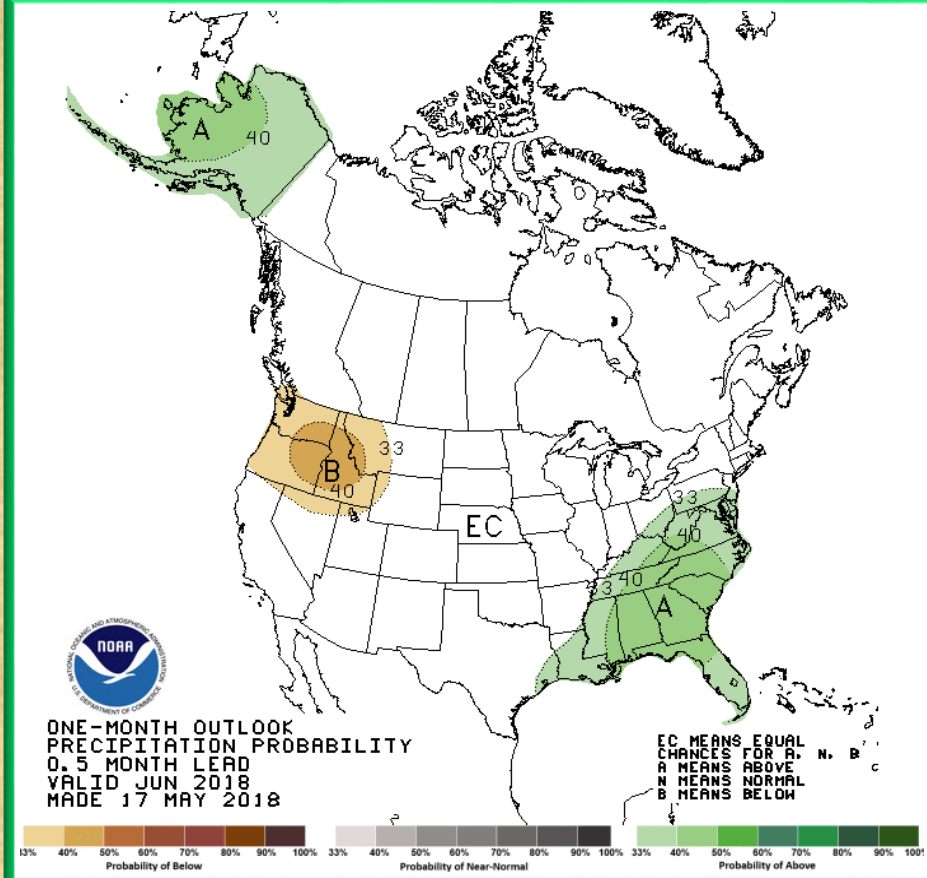


Temperature and precipitation outlook for June 2018

Temperature

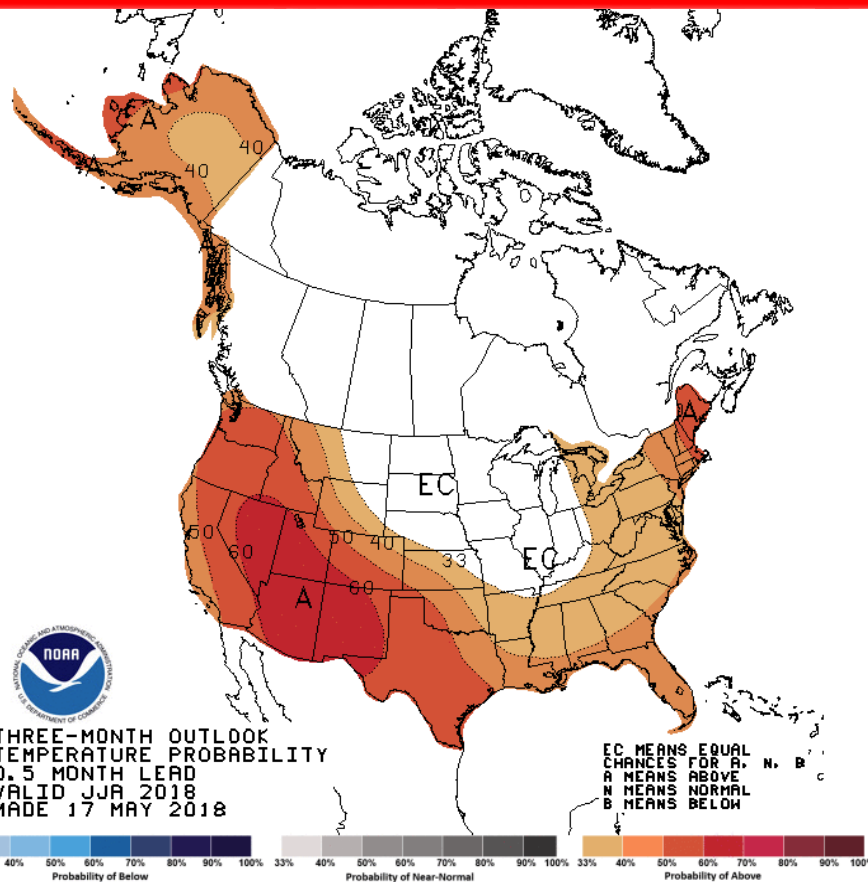


Precipitation

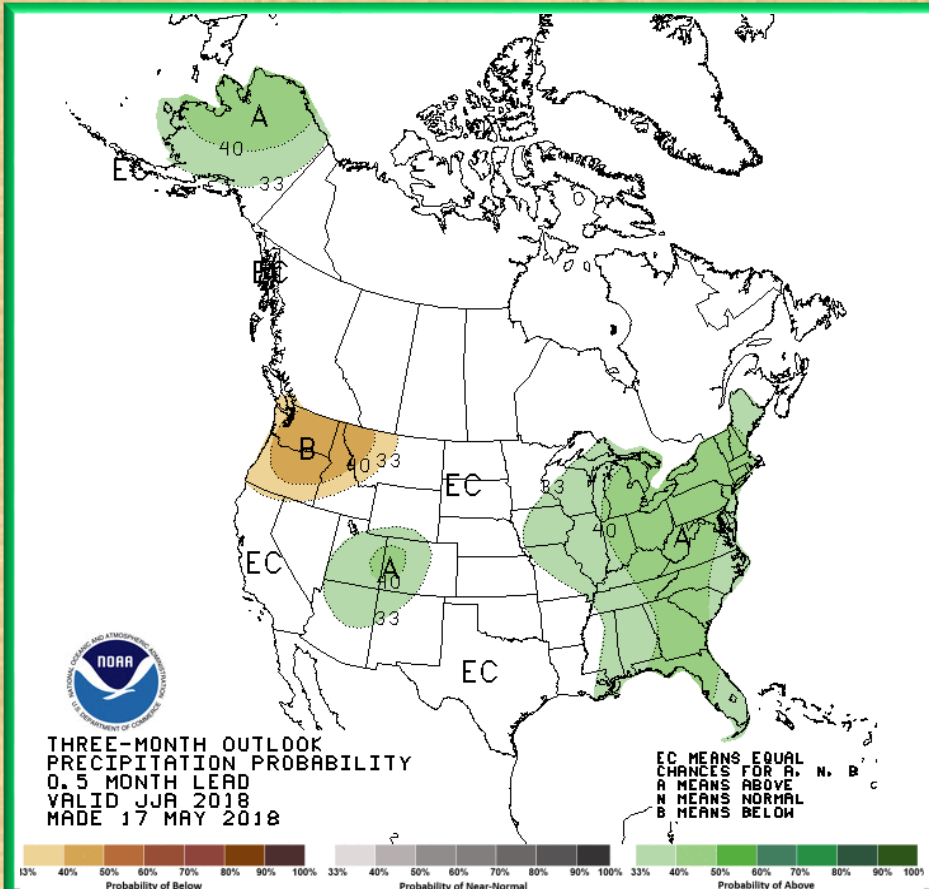


Temperature and precipitation outlook For Jun-Aug2018

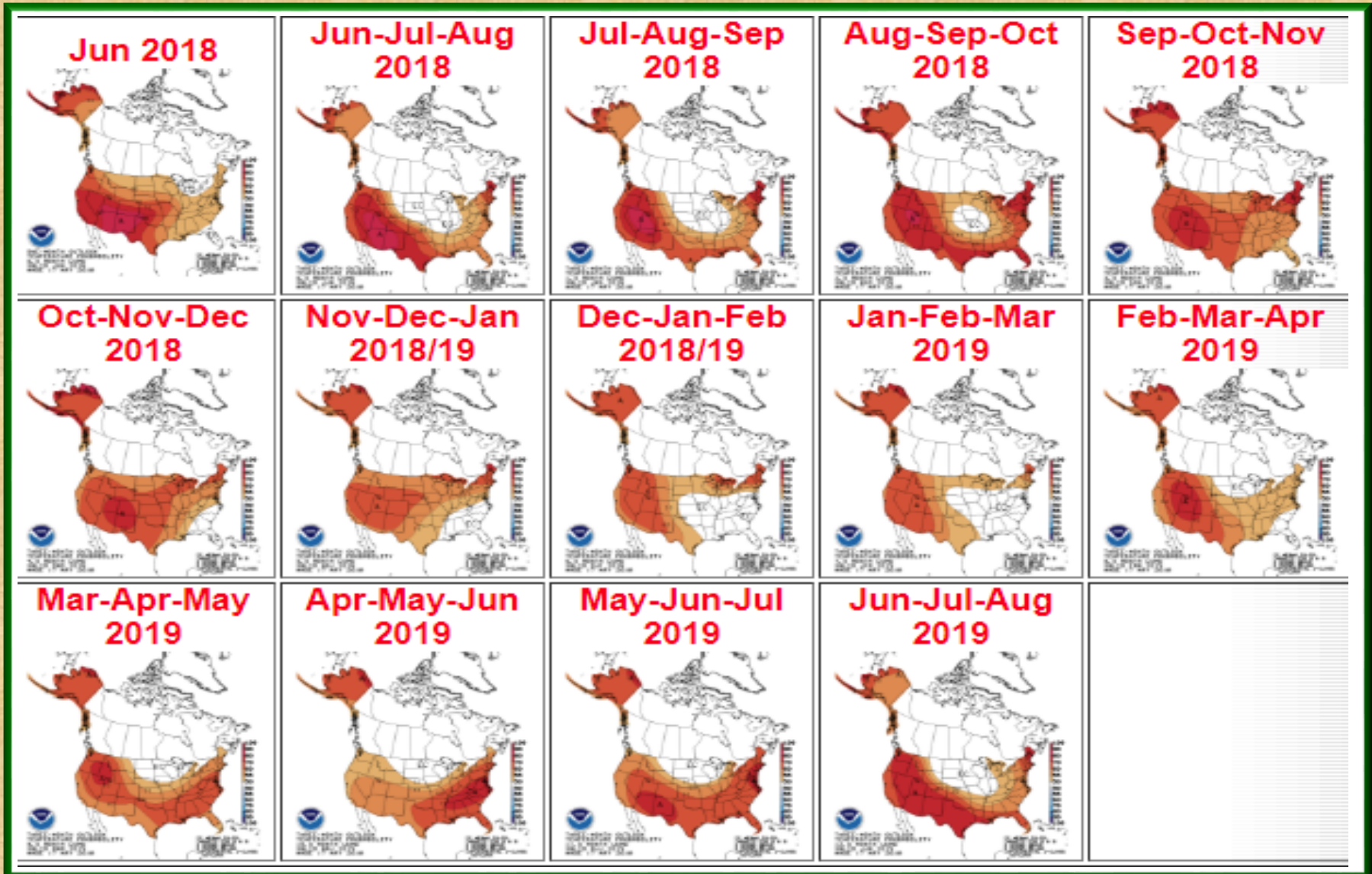
Temperature



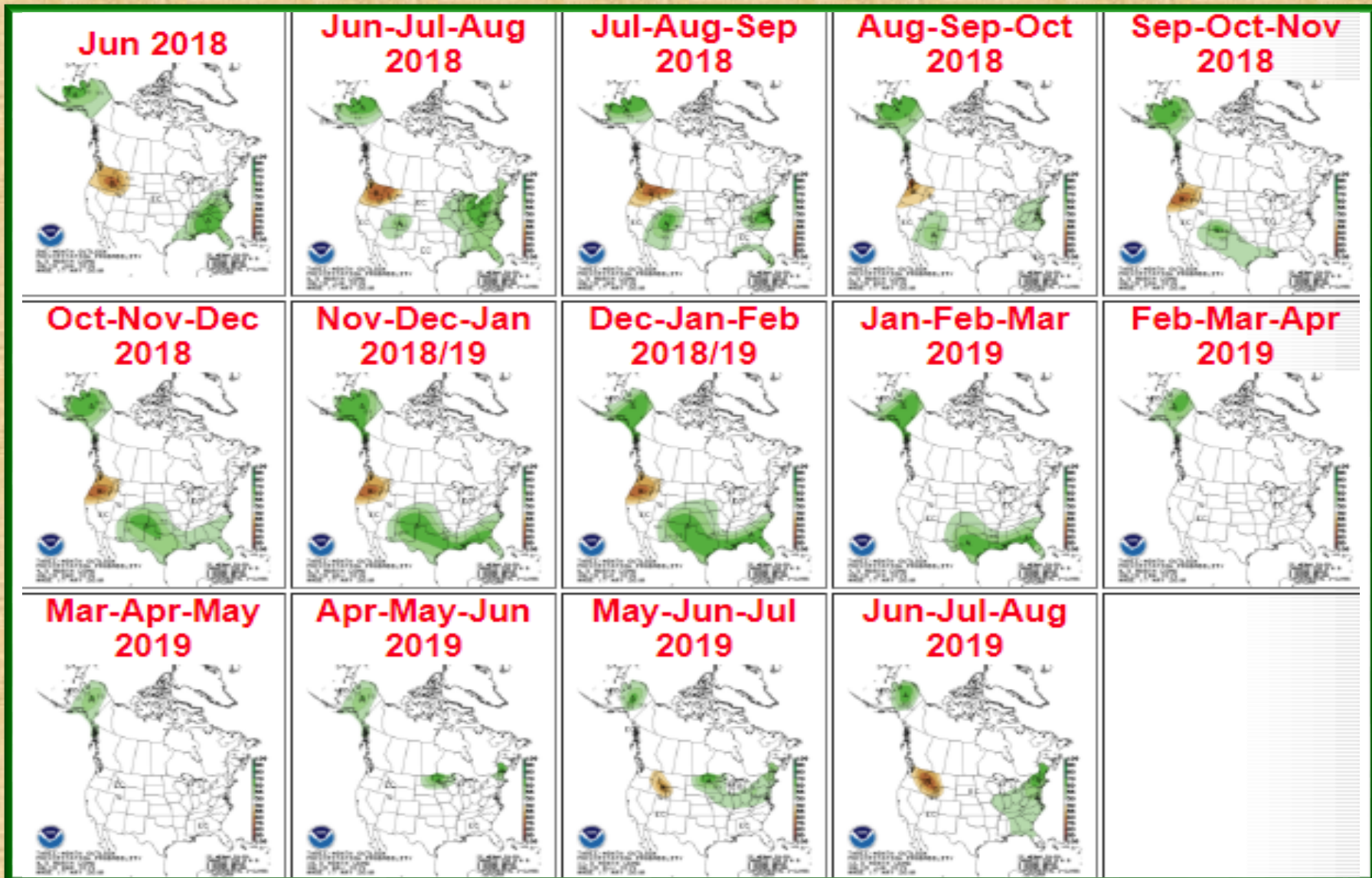
Precipitation



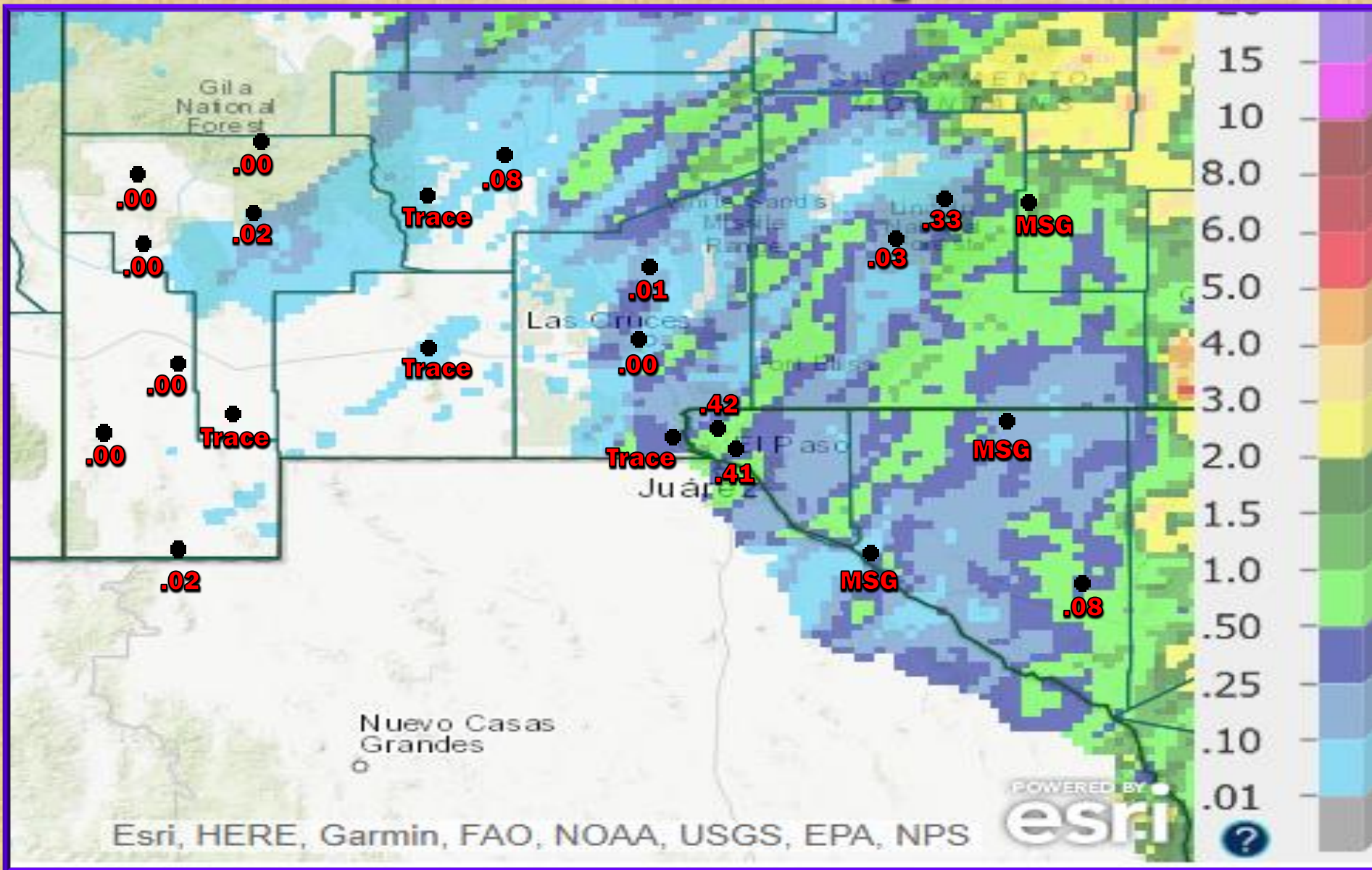
Temperature Outlook Through August 2019



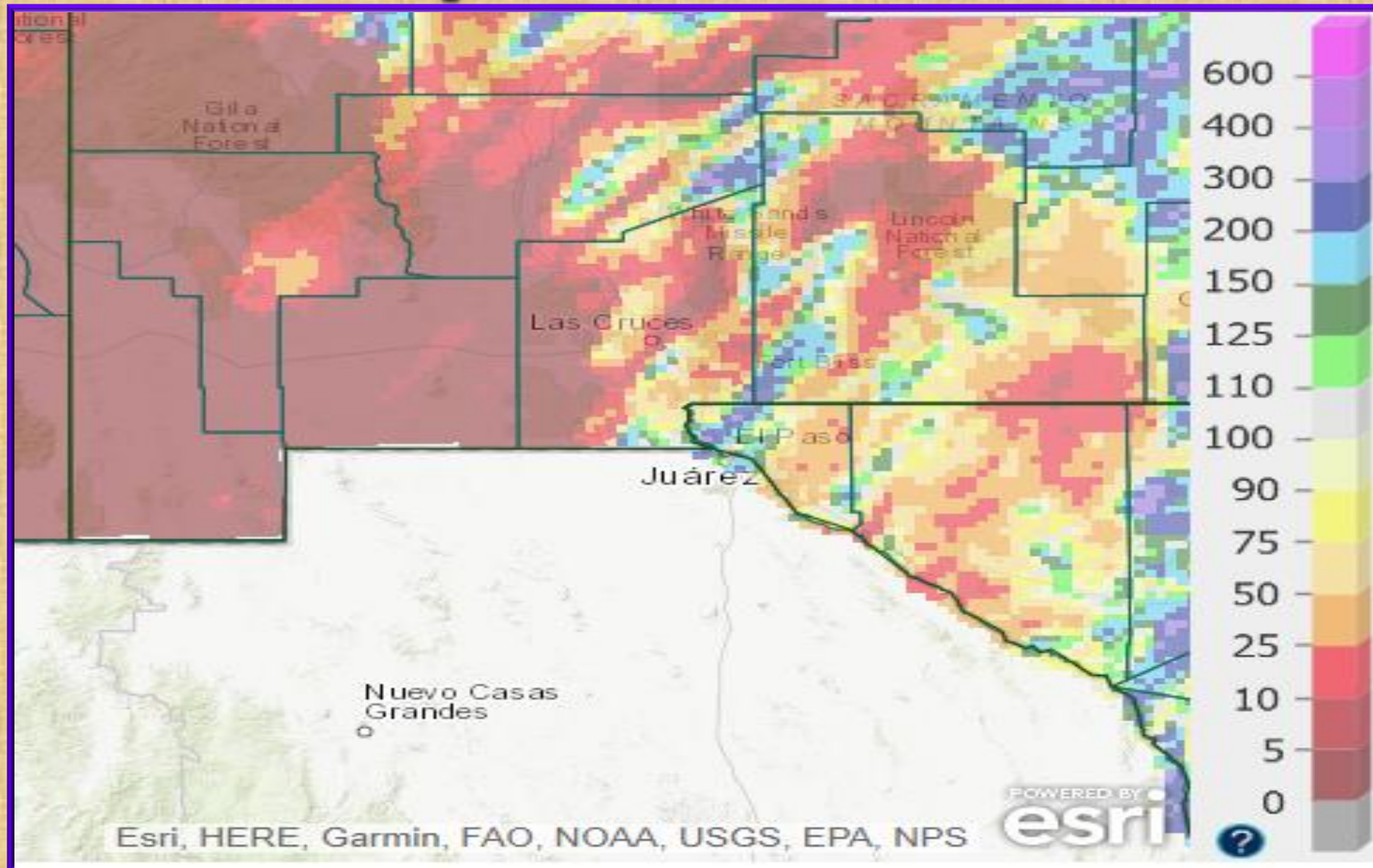
Precipitation Outlook Through July 2019



May 2018 radar rainfall estimate with surface rainfall reports

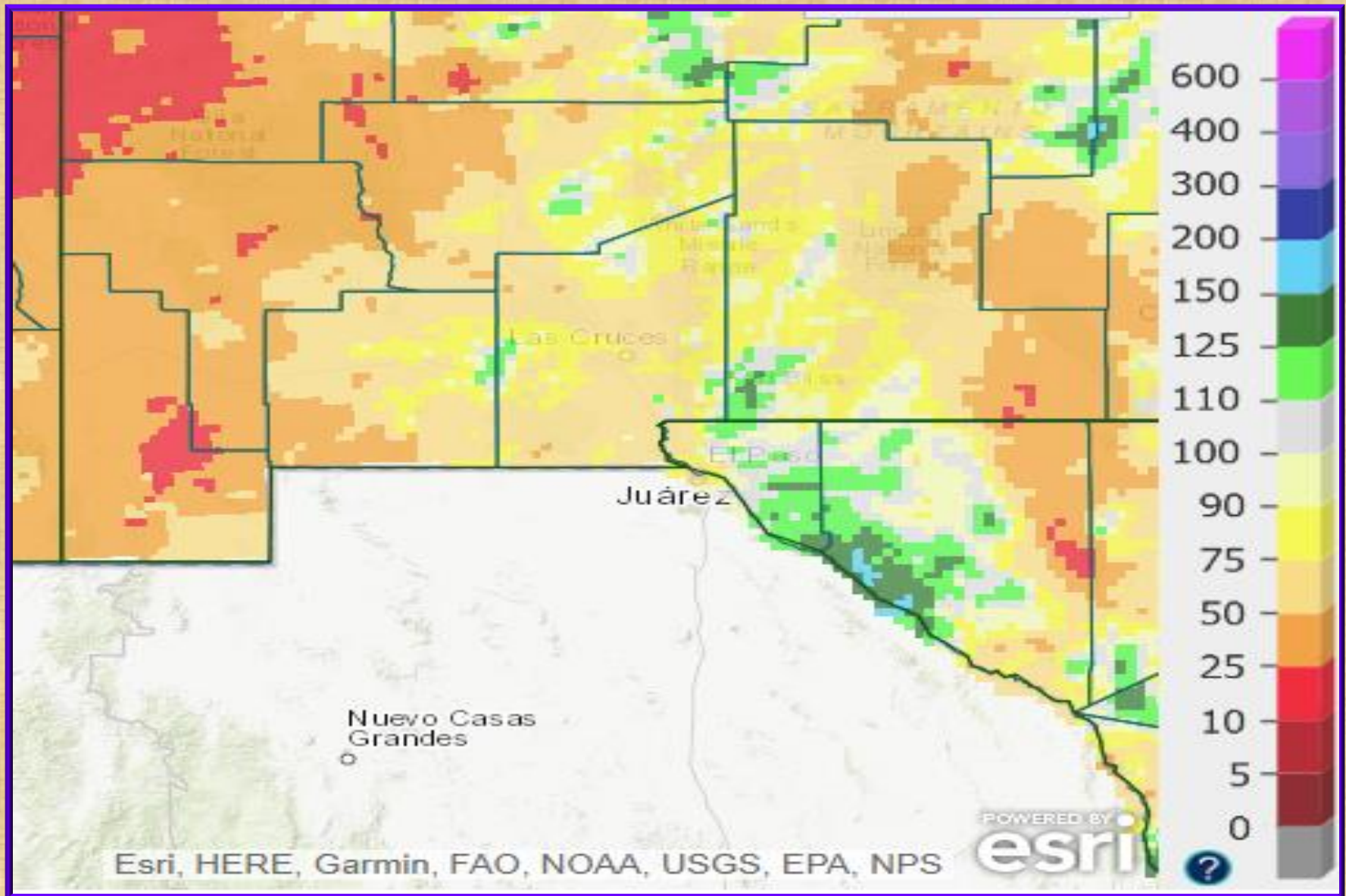


May 2018 radar rainfall estimate percent of normal



Oct through May 31 (Water Year to date)

Percent of Normal



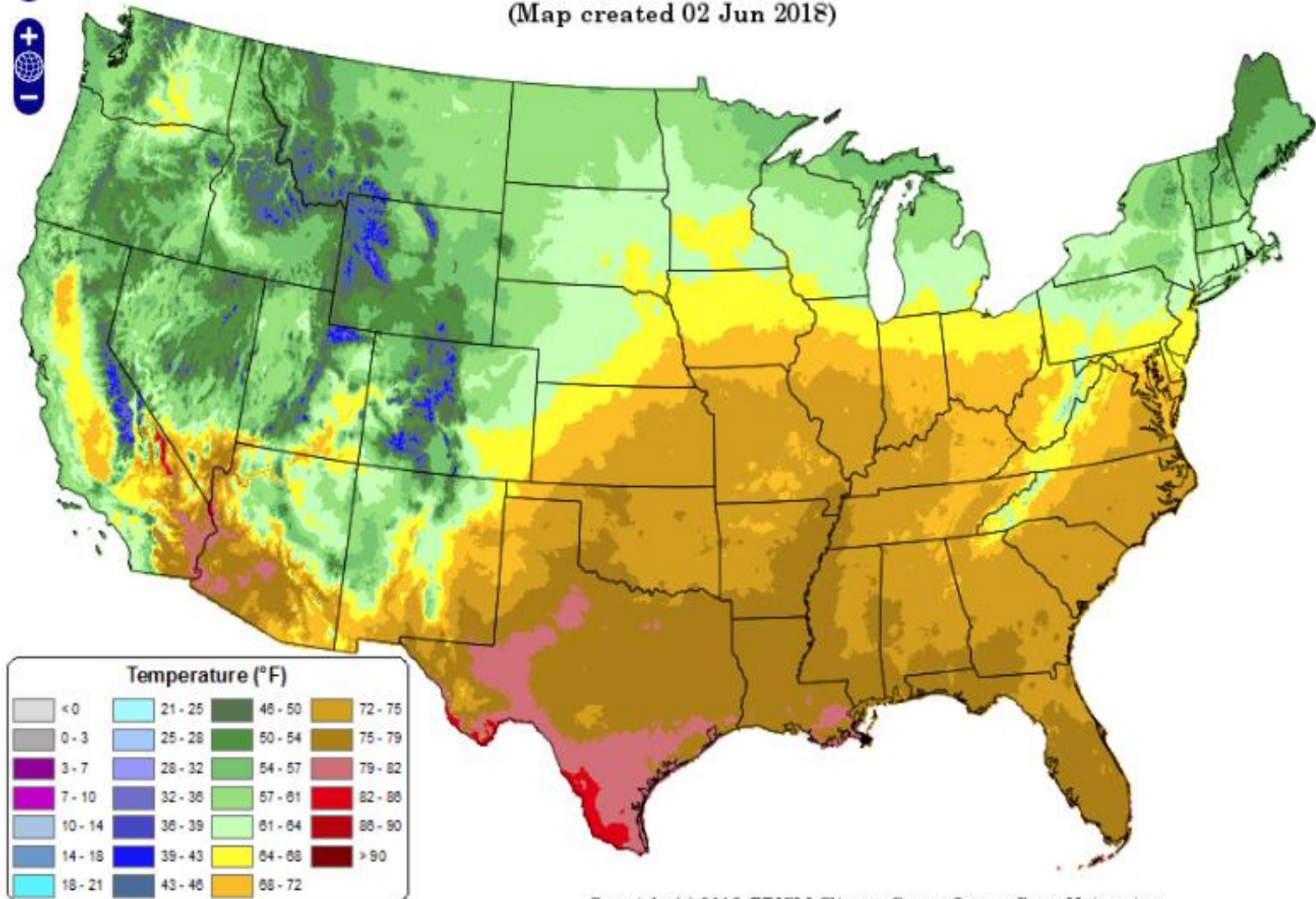
Average Daily Mean Temperature for May 2018



Average Daily Mean Temperature: May 2018

Period ending 7 AM EST 31 May 2018

(Map created 02 Jun 2018)

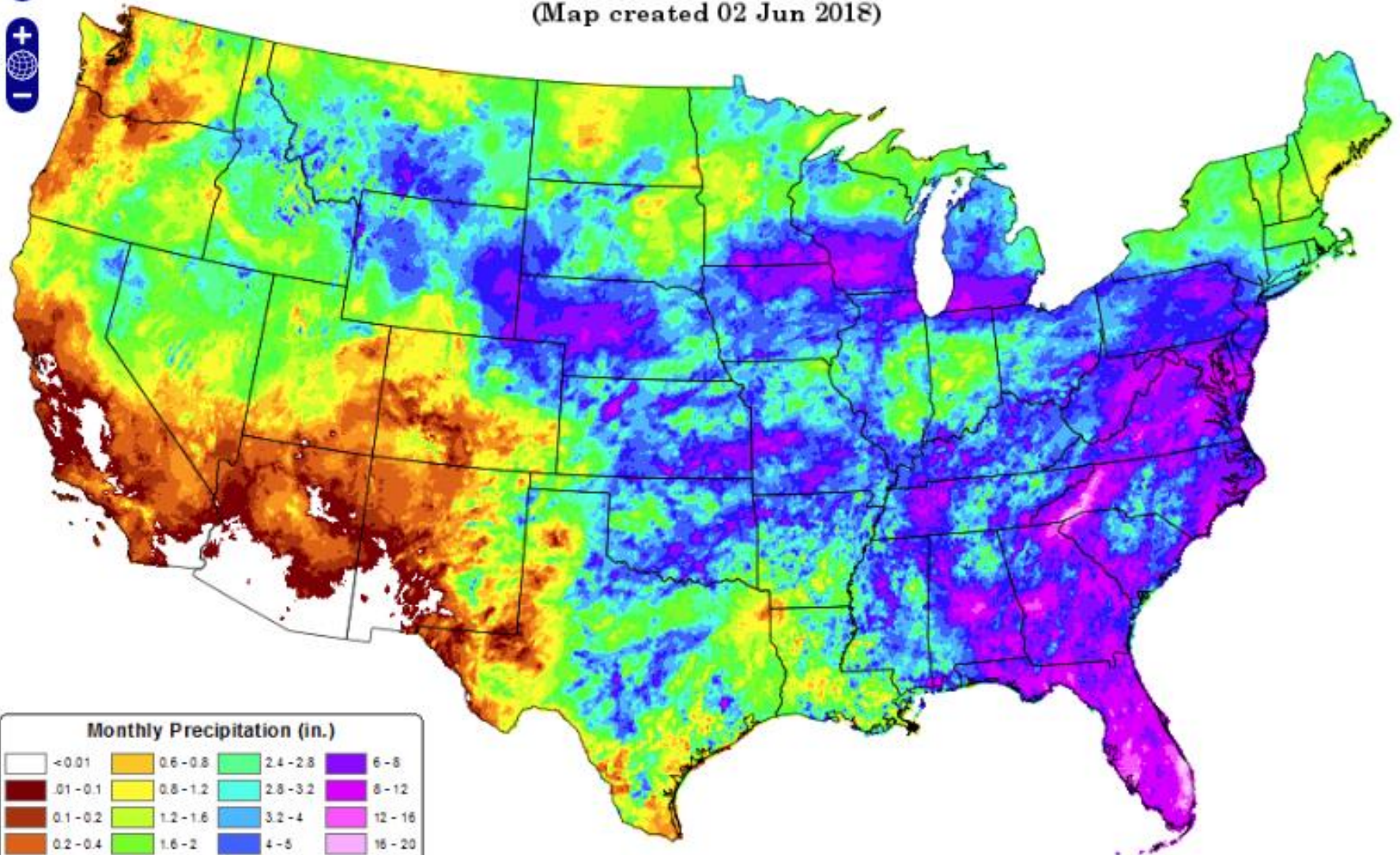


Total Precipitation for May 2018

Total Precipitation: May 2018

Period ending 31 May 2018

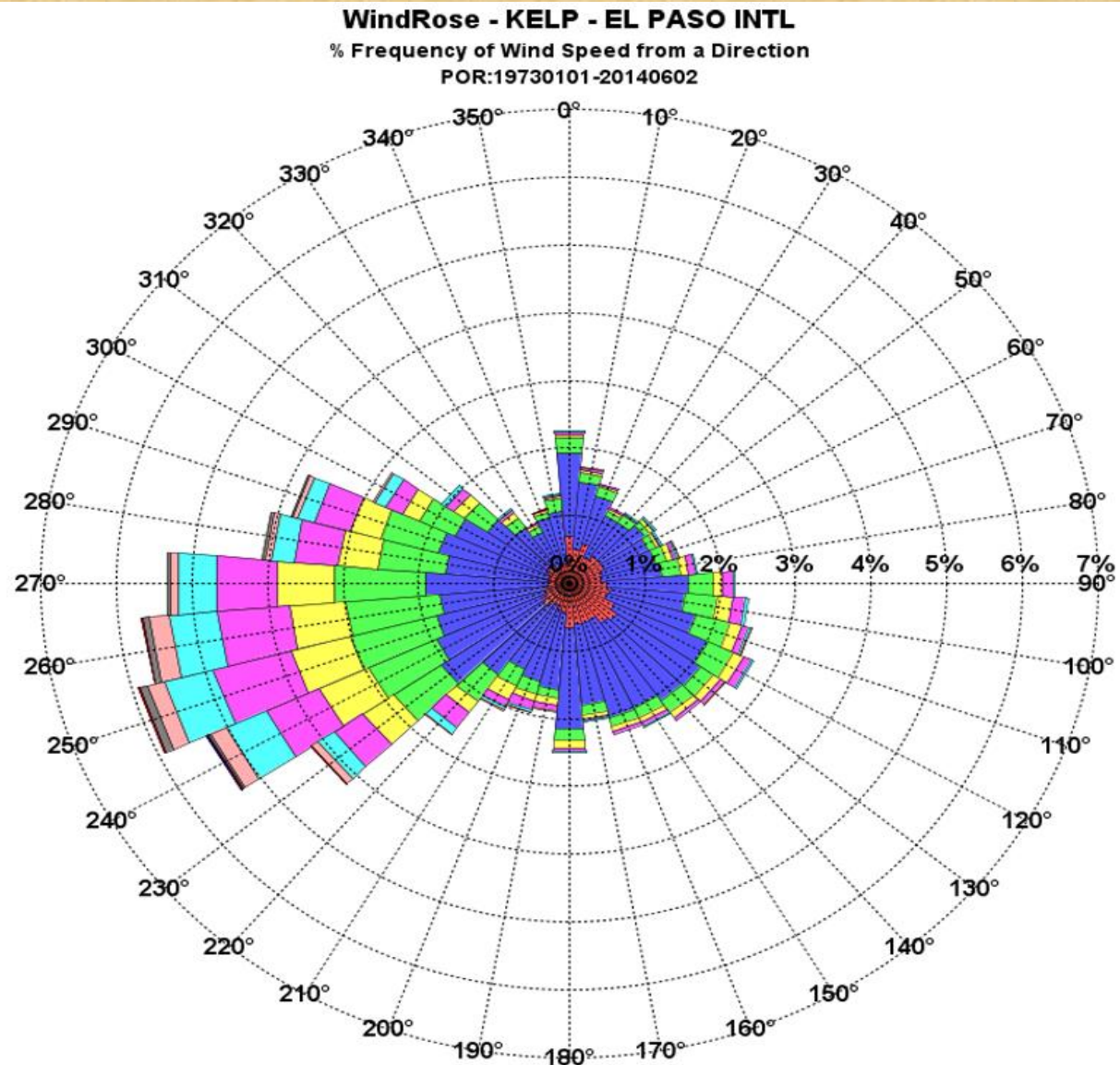
(Map created 02 Jun 2018)



Special Features

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

Month: MAY
Calm: 6.44%
Variable: 2.66%



Selected weather reports May 2018


Date/Time	Location (County)	Event
MAY 2 1246 AM	SAN AUGUSTIN PASS-DONA ANA	85 MPH PEAK WIND GUST
MAY 2 535 PM	WSMR MAIN POST-DONA ANA	74 MPH PEAK WIND GUST
MAY 2 600 PM	LAS CRUCES 6 SW-DONA ANA	56 MPH PEAK WIND GUST
MAY 2 443 PM	EL PASO 6 NE-EL PASO	55 MPH PEAK WIND GUST
MAY 2 626 PM	DRIPPING SPRINGS-DONA ANA	53 MPH PEAK WIND GUST
MAY 2 722 PM	SANTA TERESA 5 NW-DONA ANA	51 MPH PEAK WIND GUST
MAY 2 435 PM	LAS CRUCES AIRPORT-DONA ANA	51 MPH PEAK WIND GUST
MAY 2 715 PM	SUNSPOT-OTERO	51 MPH PEAK WIND GUST
MAY 2 330 PM	DEL CITY 1 N-HUDSPETH	51 MPH PEAK WIND GUST
MAY 2 335 PM	T OR C AIRPORT-SIERRA	50 MPH PEAK WIND GUST
MAY 2 735 PM	EL PASO INTL AIRPORT-EL PASO	50 MPH PEAK WIND GUST
MAY 2 431 PM	DEMING 4 SE-LUNA	50 MPH PEAK WIND GUST
MAY 2 200 PM	MAYHILL 3 NW-OTERO	49 MPH PEAK WIND GUST
MAY 2 959 AM	REDROCK 12 E-GRANT	49 MPH PEAK WIND GUST
MAY 2 543 PM	ORGAN-DONA ANA	48 MPH PEAK WIND GUST

Selected weather reports May 2018

Date/Time	Location (County)	Event
MAY 2 525 PM	TALAVERA 3 E-DONA ANA	47 MPH PEAK WIND GUST
MAY 2 619 PM	HIGH ROLLS 1 SE-OTERO	46 MPH PEAK WIND GUST
MAY 2 451 PM	DEMING AIRPORT-LUNA	45 MPH PEAK WIND GUST
MAY 2 204 PM	RODEO 3 SE-HIDALGO	45 MPH PEAK WIND GUST
MAY 2 517 PM	MESILLA 2 E-DONA ANA	45 MPH PEAK WIND GUST
MAY 2 450 PM	ROAD FORKS 6 NE-HIDALGO	44 MPH PEAK WIND GUST
MAY 21 613 PM	EL PASO NORTHEAST-EL PASO	2.00 INCH HAIL
MAY 21 629 PM	EL PASO NORTHEAST-EL PASO	1.50 INCH HAIL
MAY 21 535 PM	LAS CRUCES 5 E-DONA ANA	1.00 INCH HAIL
MAY 21 605 PM	EL PASO EAST-EL PASO	1.00 INCH HAIL
MAY 21 553 PM	EL PASO WEST-EL PASO	0.75 INCH HAIL
MAY 21 613 PM	EL PASO NORTHEAST-EL PASO	62 MPH PEAK WIND GUST
MAY 21 1246 AM	EL PASO 11 NW-EL PASO	54 MPH PEAK WIND GUST
MAY 21 935 AM	SAN AUGUSTIN PASS-DONA ANA	53 MPH PEAK WIND GUST
MAY 21 700 PM	SUNLAND PARK-DONA ANA	53 MPH PEAK WIND GUST

Selected weather reports May 2018

Date/Time	Location (County)	Event
MAY 21 1053 PM	DELL CITY 15 NE-HUDSPETH	52 MPH PEAK WIND GUST
MAY 21 1226 AM	DRIPPING SPRINGS-DONA ANA	45 MPH PEAK WIND GUST
MAY 21 610 PM	SUNLAND PARK 2E	MINOR FLOODING CURB DEEP
MAY 21 615 PM	EL PASO (BUENA VISTA)-EL PASO	HOMES FLOODED
MAY 21 1053 PM	EL PASO WEST-EL PASO	I-10 ACCESS ROADS



NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

[HOME](#)
[FORECAST](#)
[PASTWEATHER](#)
[SAFETY](#)
[INFORMATION](#)
[EDUCATION](#)
[NEWS](#)
[SEARCH](#)
[ABOUT](#)

Local forecast by "City, St" or ZIP code

[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 >](#)

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

[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 >](#)

Monthly Weather Digest

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

El Paso, TX
Weather Forecast Office

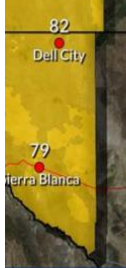
[Current Hazards](#)
[Current Conditions](#)
[Radar](#)
[Forecasts](#)
[Rivers and Lakes](#)
[Climate and Past Weather](#)
[Local Programs](#)



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	



weather.gov/epz

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.