

# May 2016 Weather Digest





# May 2016 Weather Summary

The majority of May was quiet and rather uneventful as the last of the El Niño faded away and the storm track remained to our north. However, an upper level low and back door cool front moving into the area on the 17<sup>th</sup> and 18<sup>th</sup>, produced thunderstorms on those days. The 18<sup>th</sup> was especially noteworthy as several storms became severe and dropped relatively large hail. The Las Cruces area was especially hard hit, with hail piling up into winter-like snow fields. The piling of the hail along with heavy rain also made for a hazardous mixture, with several reports of flooding as the hail choked drainage structures.

Temperatures were slightly below normal for the month around much of the area. The latter part of the month will often bring very warm weather and occasional 100 degree readings. That did not happen this May, and the triple digit temperatures will have to wait until June.

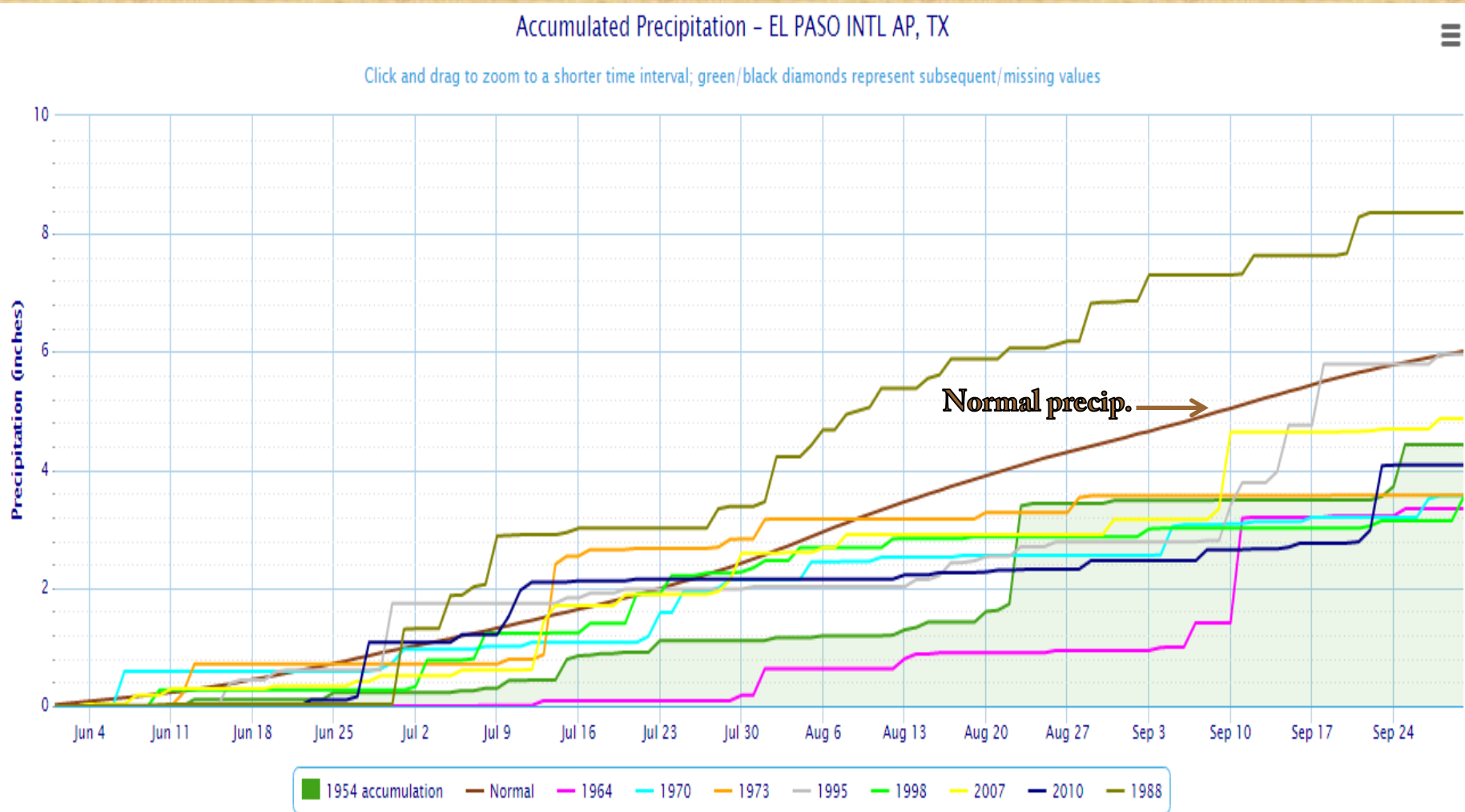
Looking at moisture, for the most part rainfall was around normal or slightly above. Now if you are a resident of the El Paso metro area, you may not believe this, as this area actually remained well below normal. Of major concern is the developing drought conditions. Much of New

# May 2016 Weather Summary (cont'd)

Mexico is now in moderate drought conditions, while west Texas is only slightly better off—being classified as abnormally dry. The fear is that since a La Niña episode is looking more and more likely by early this fall, that the drought conditions will worsen. La Niña events usually mean lower than normal precipitation and above normal temperatures. See the following two slides.

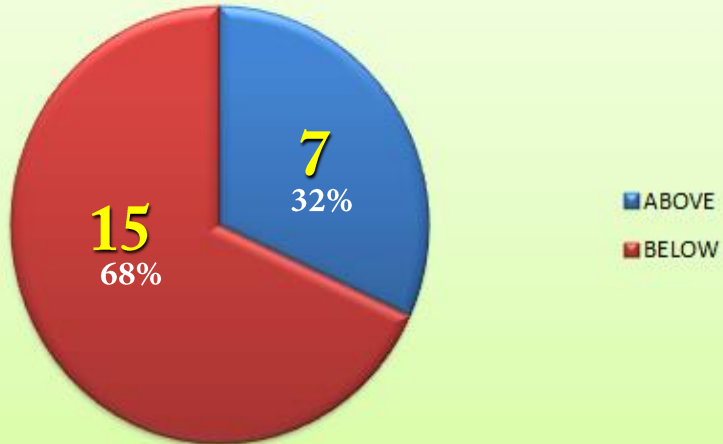
# How will our monsoon season fare this year?

Our monsoon season of 2016 will have been preceded by an El Niño event and most likely followed by a La Niña event. Since 1950 this situation has occurred 9 times. One case resulted in well above normal precipitation, one other year was just barely above normal, while the remainder were below normal. Just something to ponder for the monsoon season.

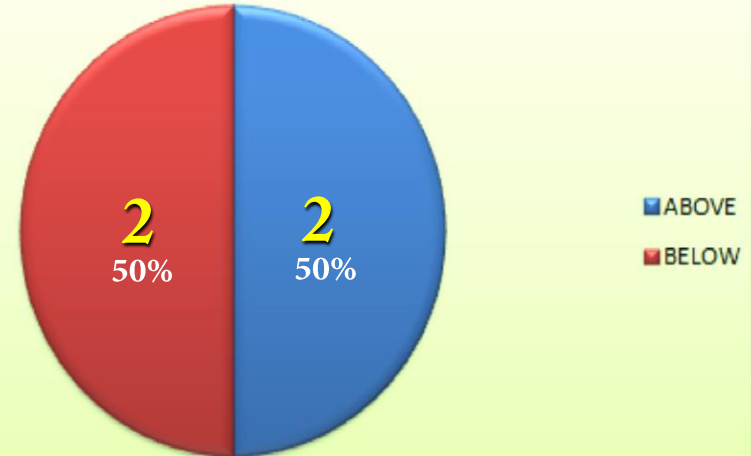


# El Niño Cases

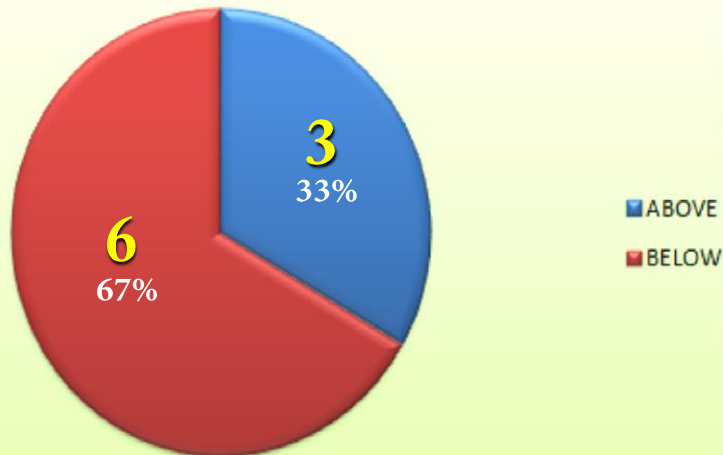
## El Niño Initialized: 22 Cases



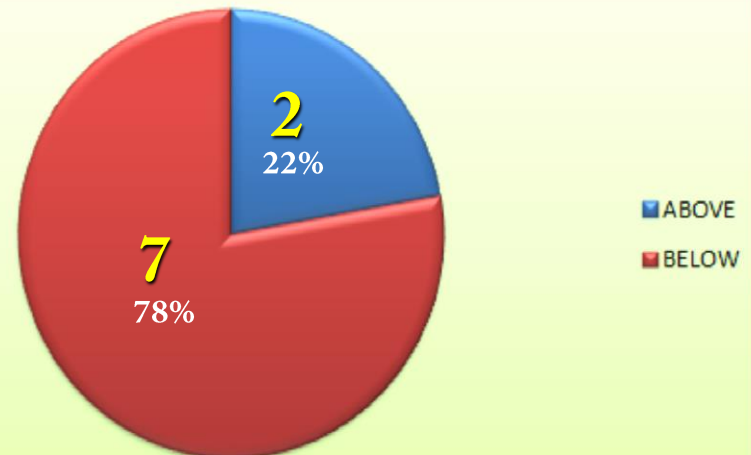
## El Niño-El Niño: 4 Cases



## El Niño-Neutral: 9 Cases



## El Niño-La Niña: 9 Cases





**May 14 Las Cruces**



**May 14 Santa Teresa, NM**



**May 14 Santa Teresa, NM**



**May 14 Dona Ana Co**





# May 18 Las Cruces





# May 18 Las Cruces





**May 18 Las Cruces**



2016-05-18 15:48:58  
Organs

**May 18 Las Cruces**



**May 18 Las Cruces**



**May 18 Las Cruces**





**May 18 Las Cruces**



**May 18 Las Cruces**



**May 18 Las Cruces**



**May 18 Las Cruces**





2016-05-18 16:26:51  
NMCC-SKH

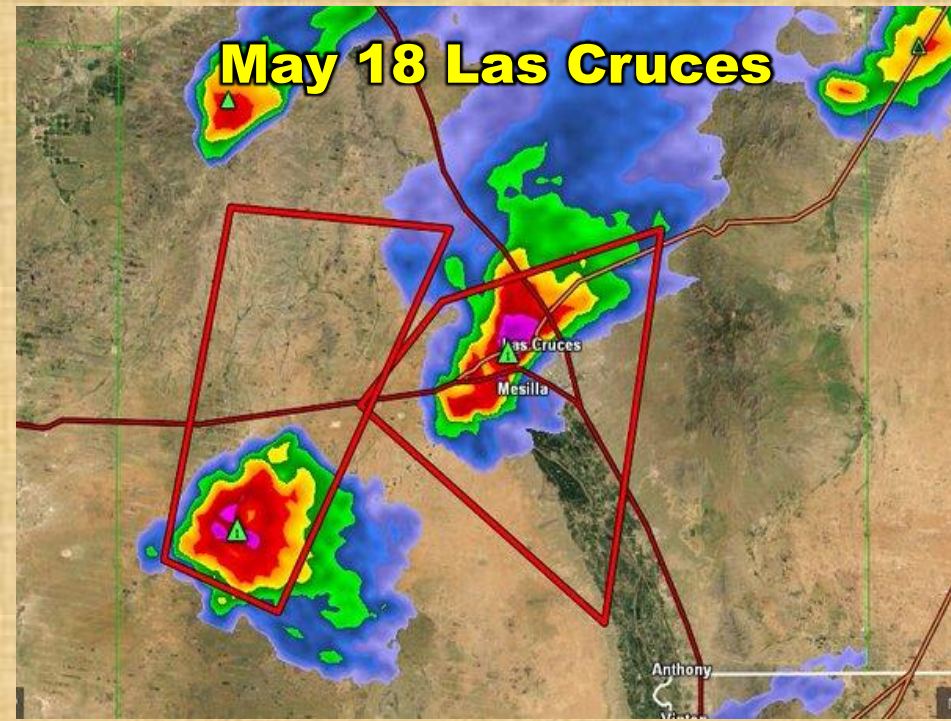
# May 18 Las Cruces



# May 18 Las Cruces



# May 18 Las Cruces



# May 18 Las Cruces





**May 18 Anthony, NM**



**May 18 Las Cruces**



**May 18 Las Cruces**



**May 18 Las Cruces**





**May 18 near Lordsburg, NM**



© CloudcroftWebcam.com Tue May 17, 2016 06:20:32 PM

**May 18 Cloudcroft**



**May 30 Fabens, TX**

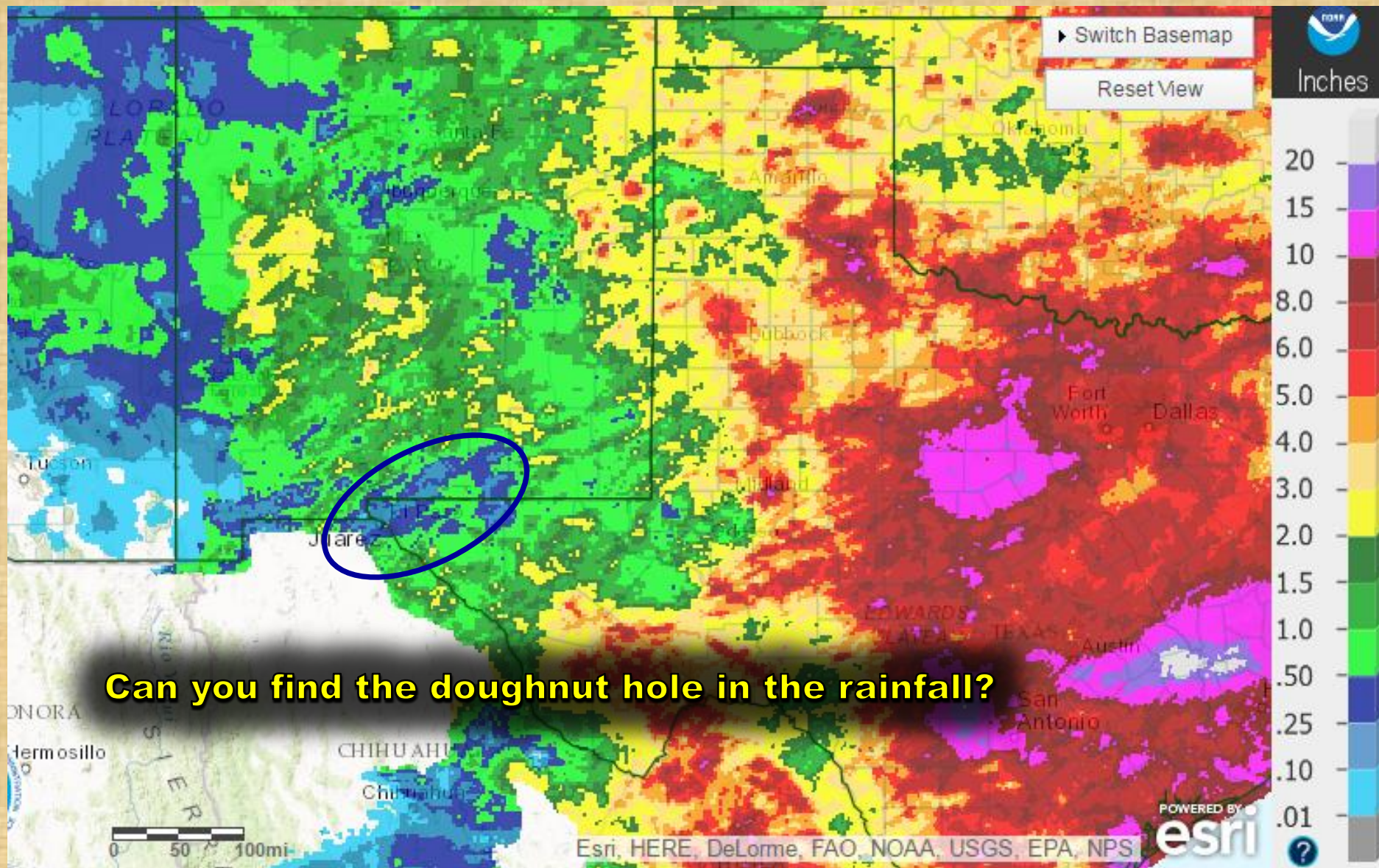


**May 30 Clint, TX**





# Regional May Rainfall

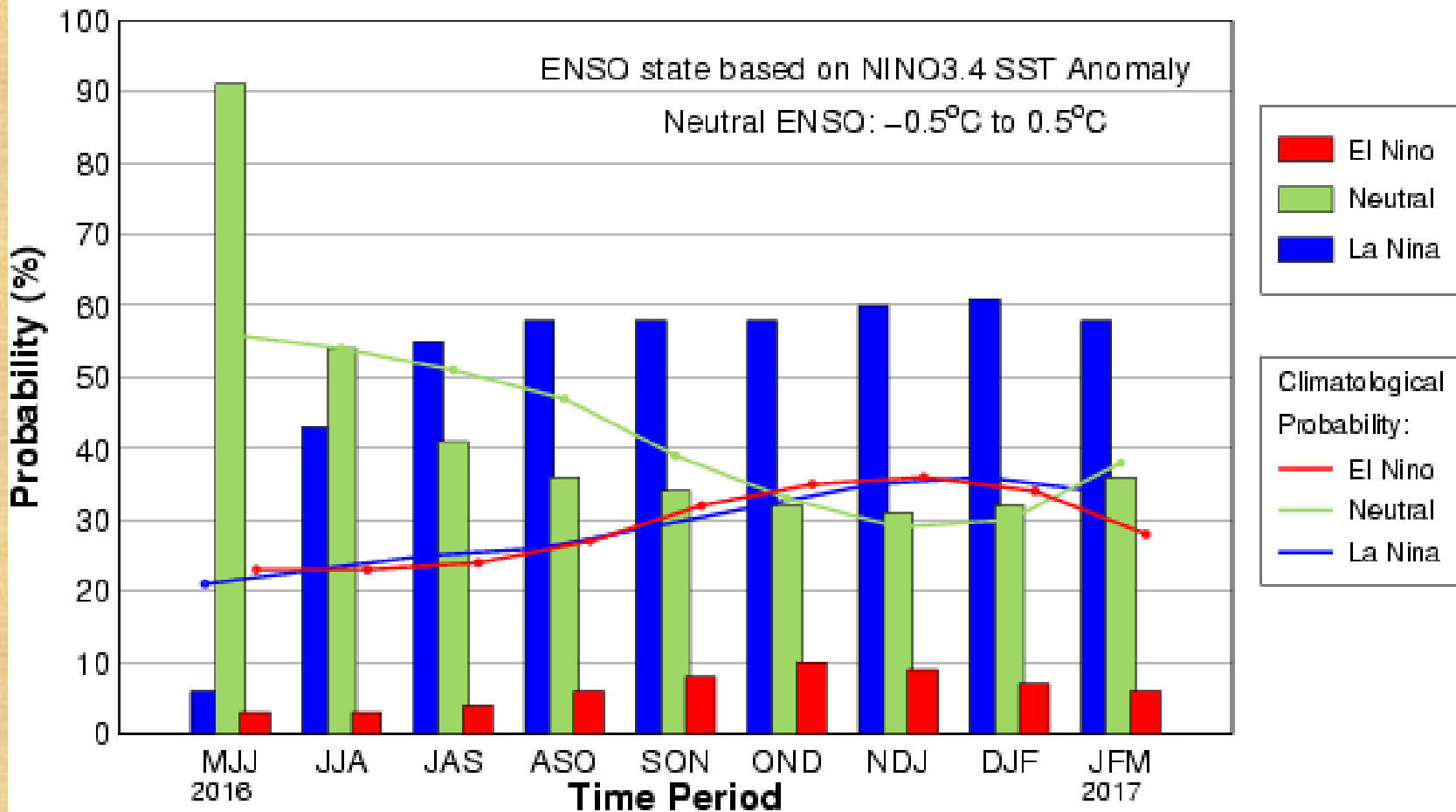




# ENSO Forecast from May through the winter of 2016

EL NIÑO WEAKENING. GOOD POSSIBILITY OF GOING TO NEUTRAL THIS  
SUMMER AND THEN TURNING OVER TO LA NIÑA EARLY THIS FALL

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

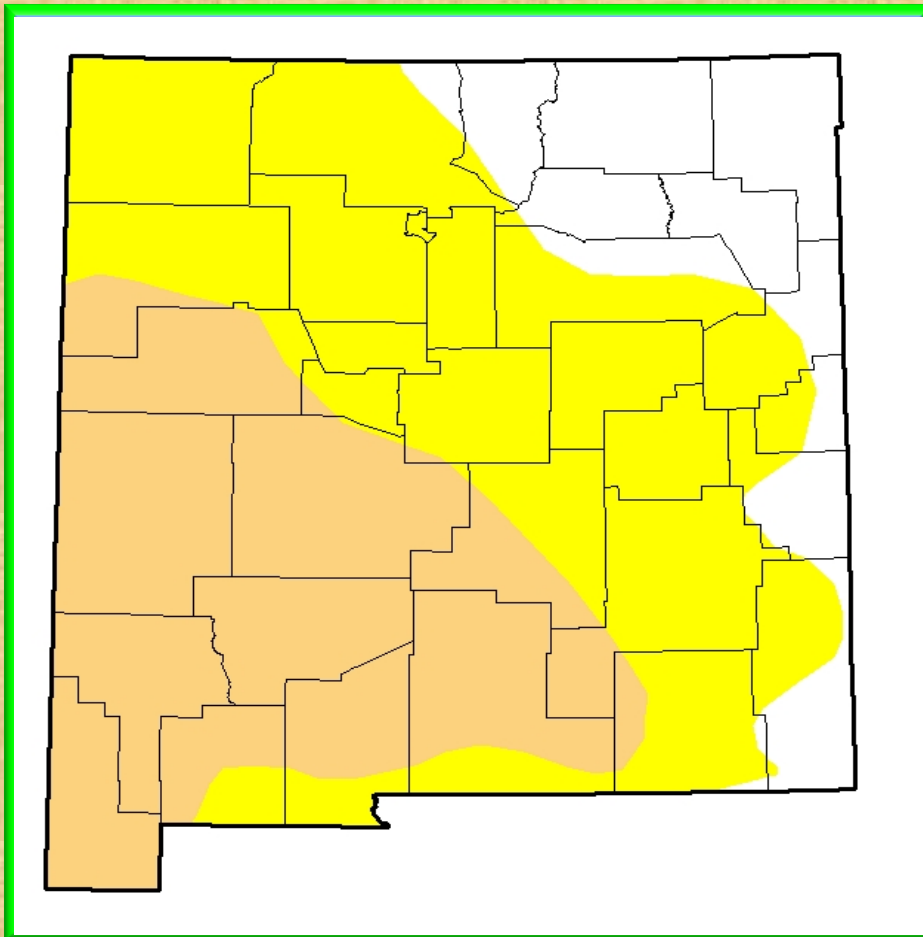




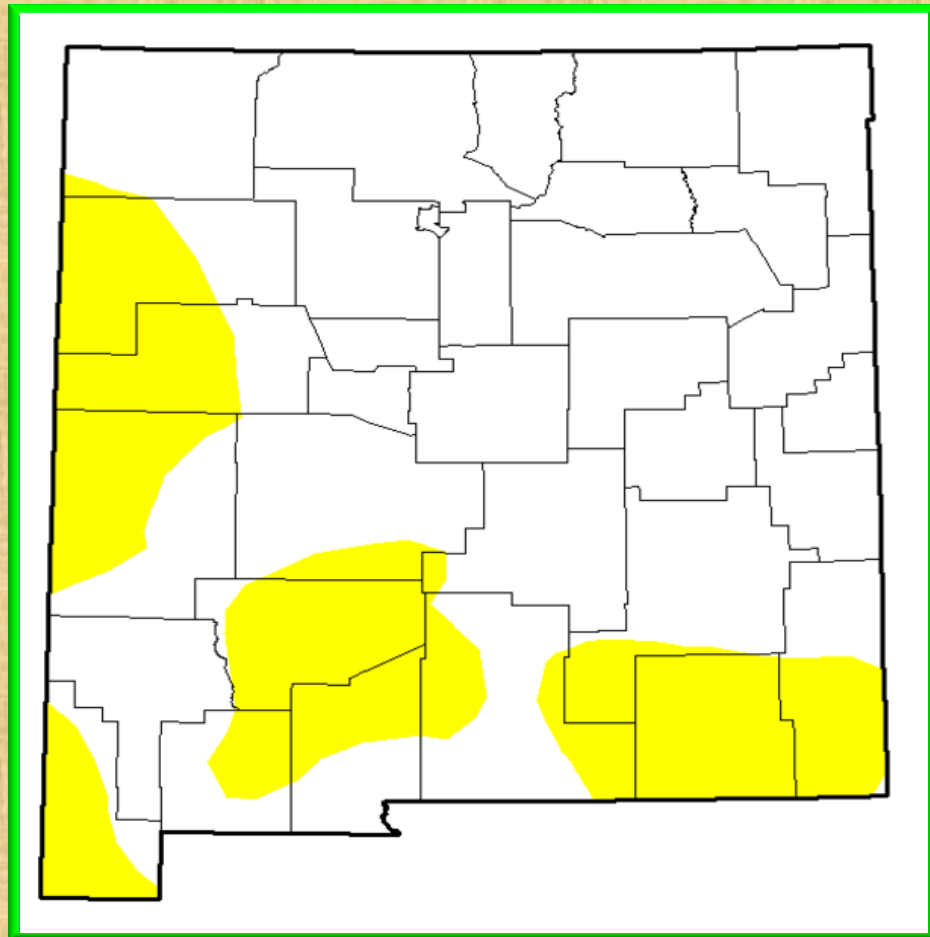
# Current drought conditions for New Mexico and 3 month change

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

**May 31, 2016**








**February 23, 2016**

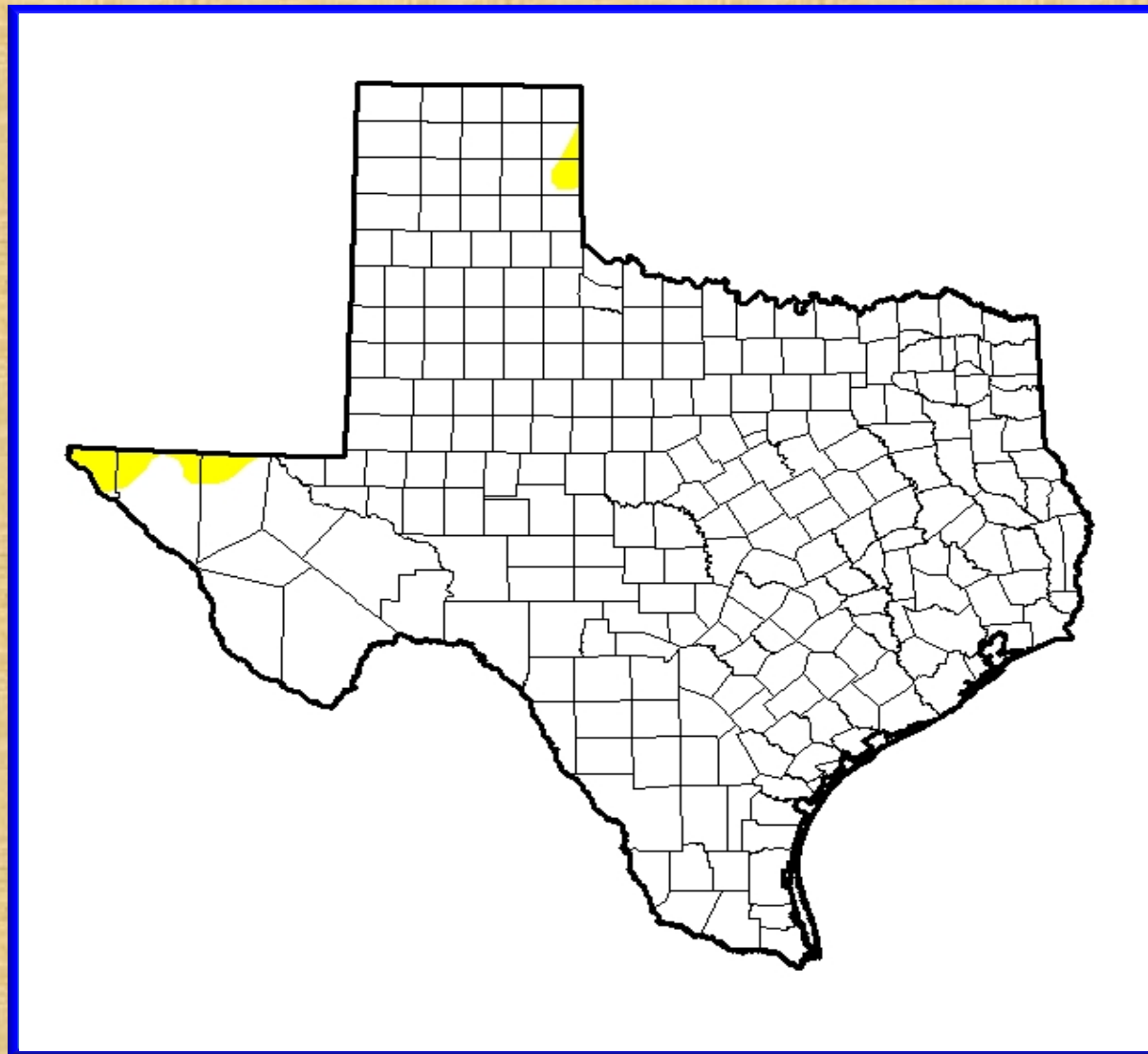




# Current drought conditions for Texas as of May 31, 2016

Intensity:

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



**Build your own custom slider maps here at:**

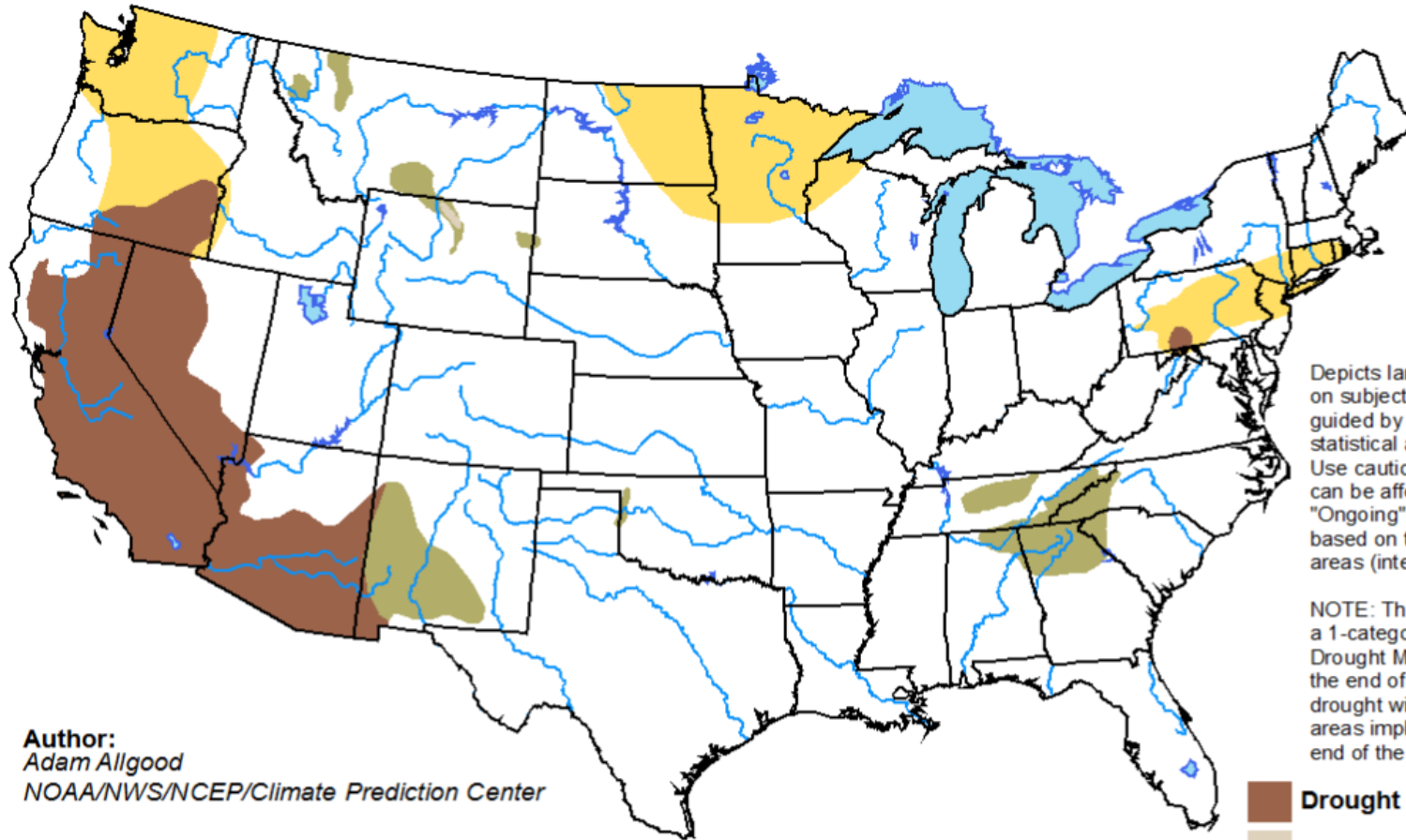
**<http://droughtmonitor.unl.edu/MapsandData/ComparisonSlider.aspx>**



# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period



Valid for May 19 - August 31, 2016  
Released May 19, 2016

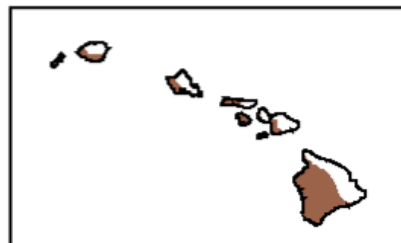


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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



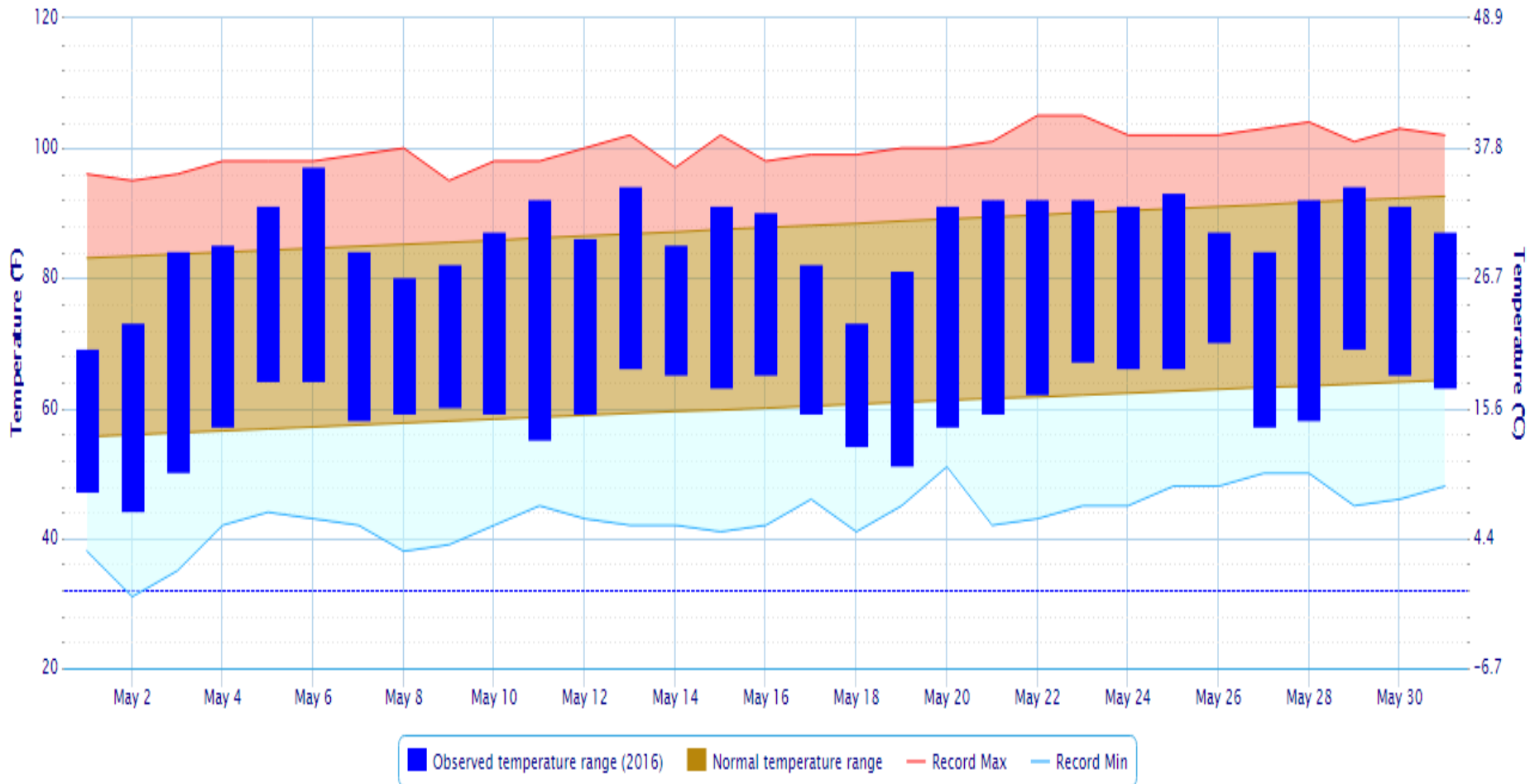
<http://go.usa.gov/3eZ73>



# Daily temperature data for May 2016 in El Paso

Daily Temperature Data - EL PASO INTL AP, TX

Period of Record - 1942-12-01 to 2016-06-02. Normals period: 1981-2010. Click and drag to zoom chart.

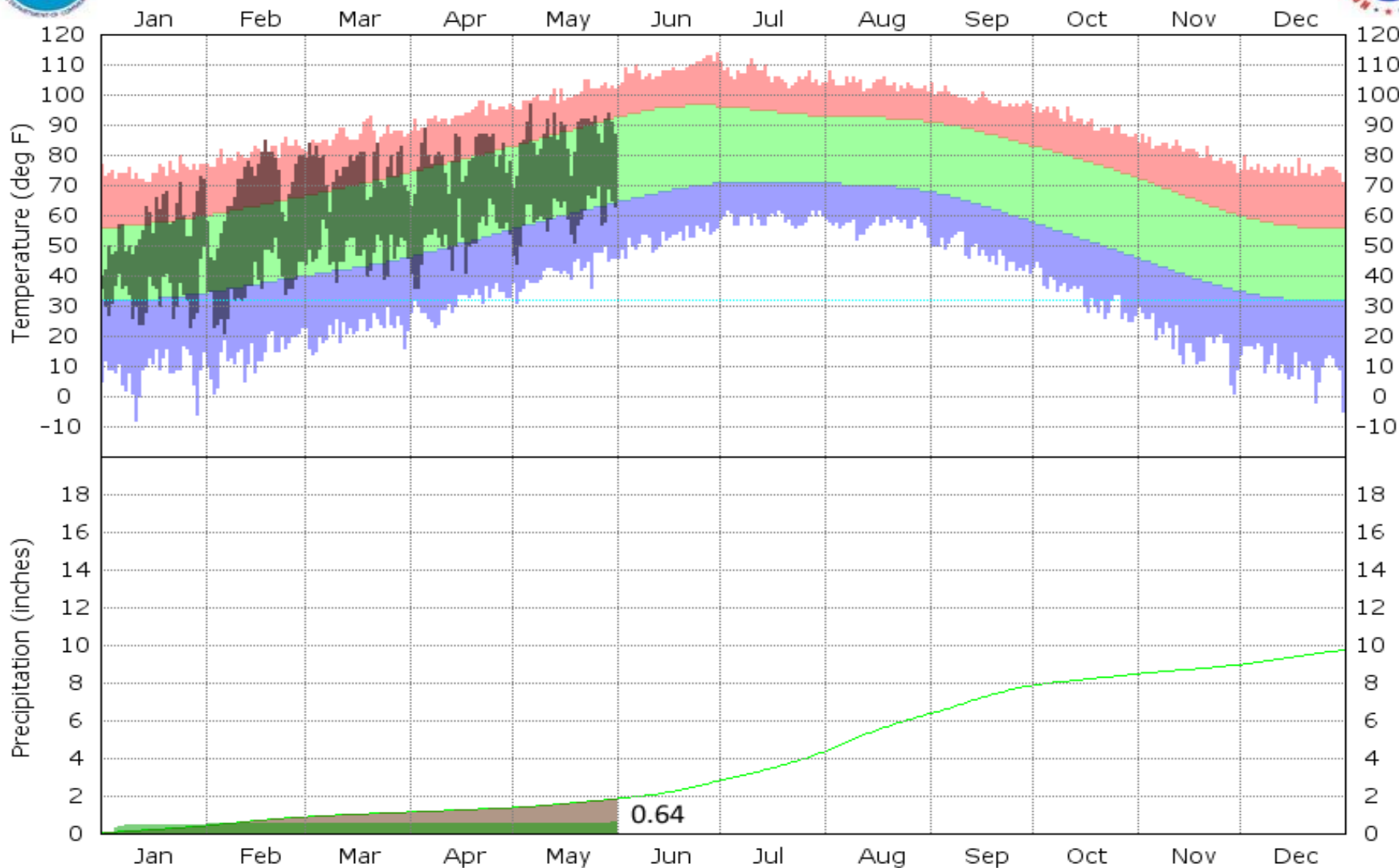




# Daily temperature/precipitation data through May in El Paso

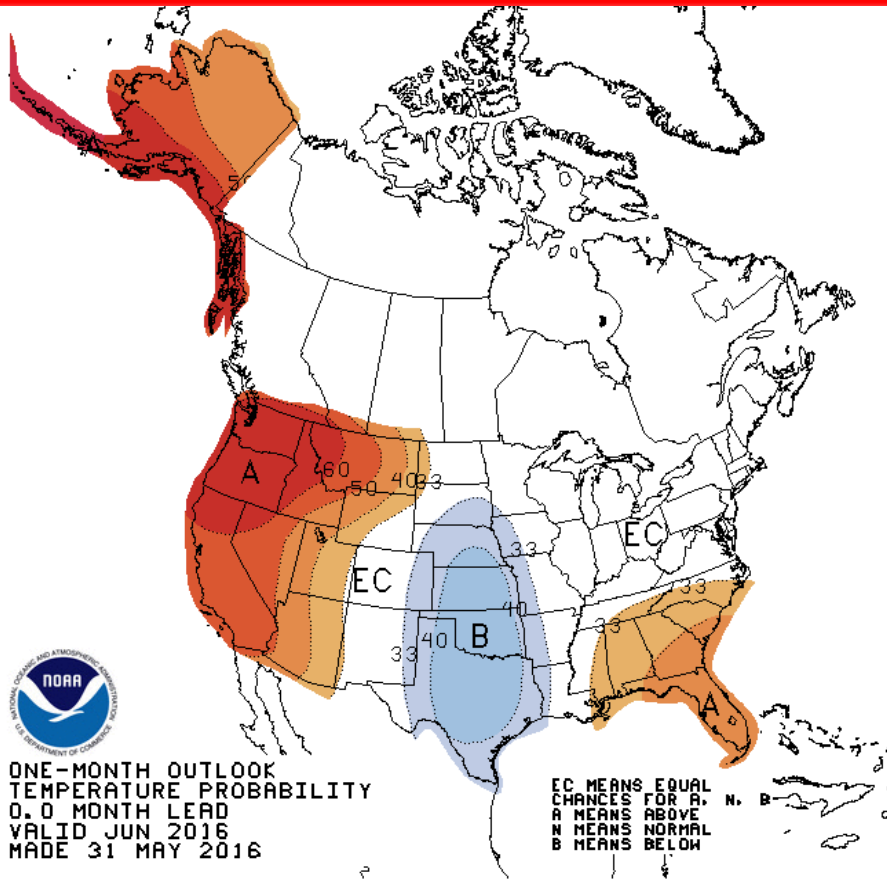


## El Paso TX - 2016

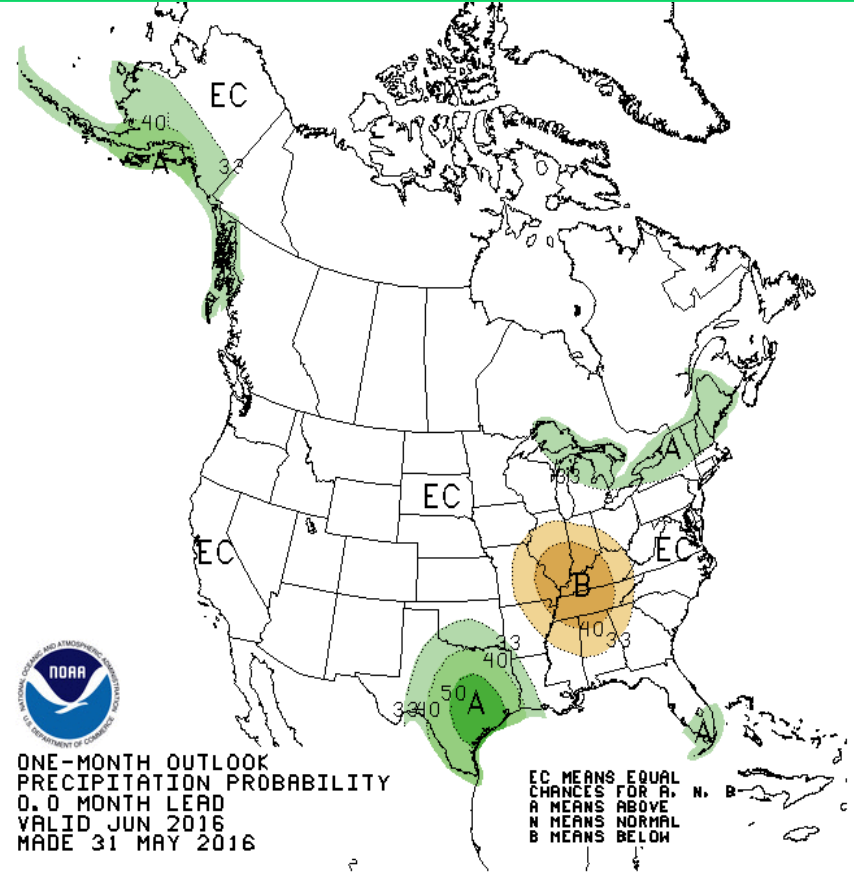


# Temperature and precipitation outlook for June 2016

## Temperature



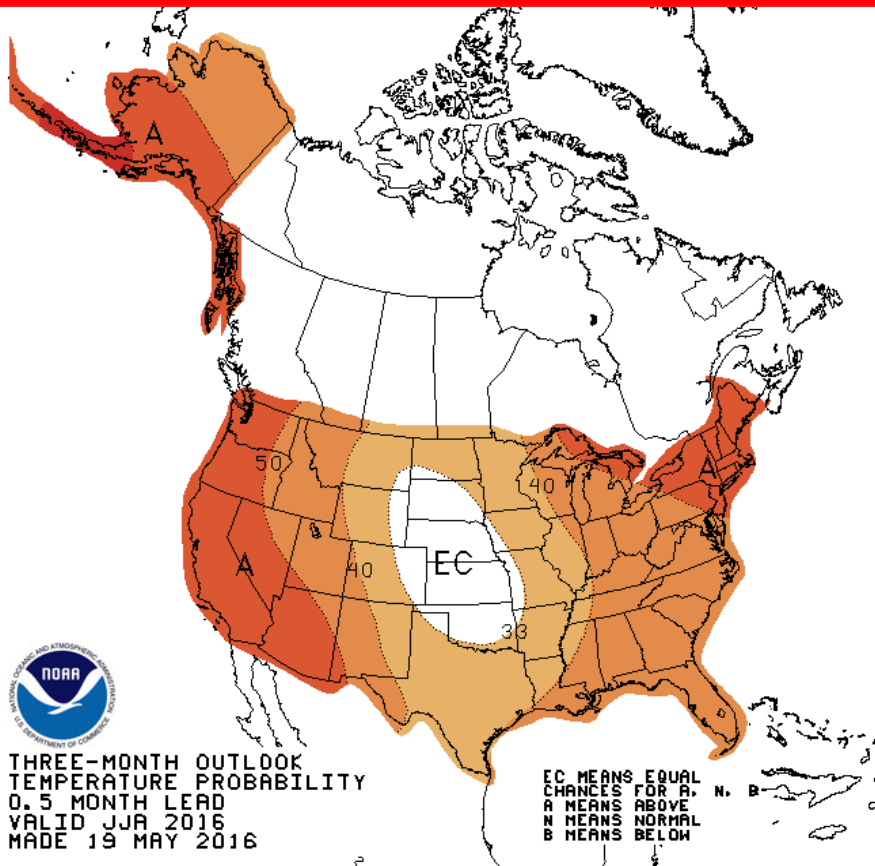
## Precipitation



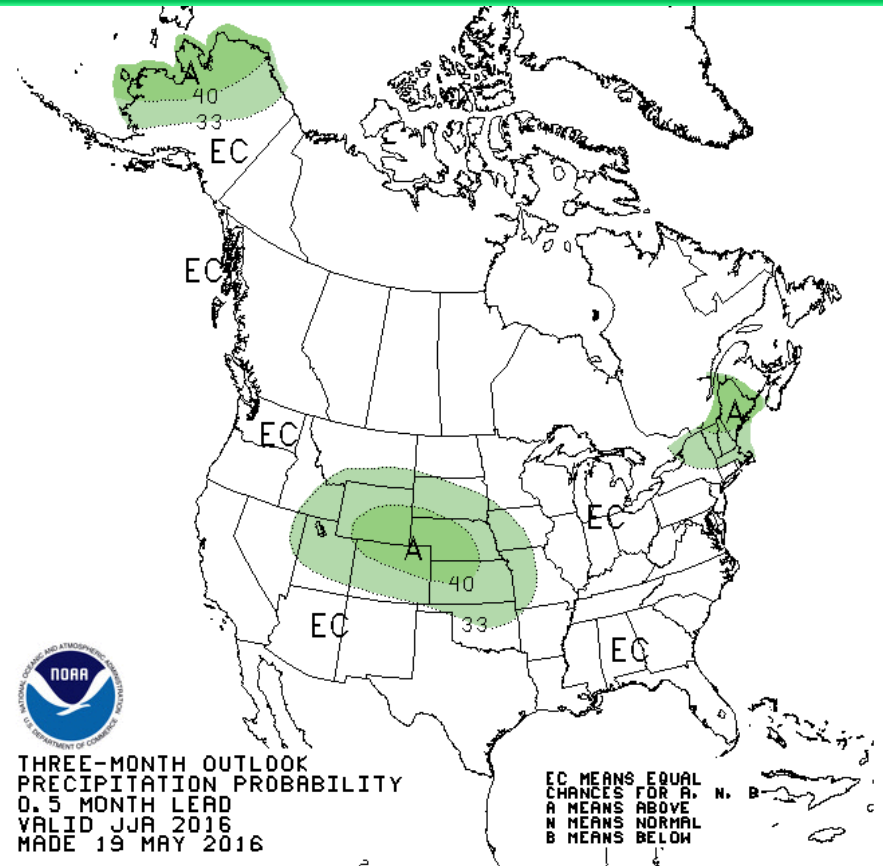


# Temperature and precipitation outlook for Jun – Aug 2016

## Temperature



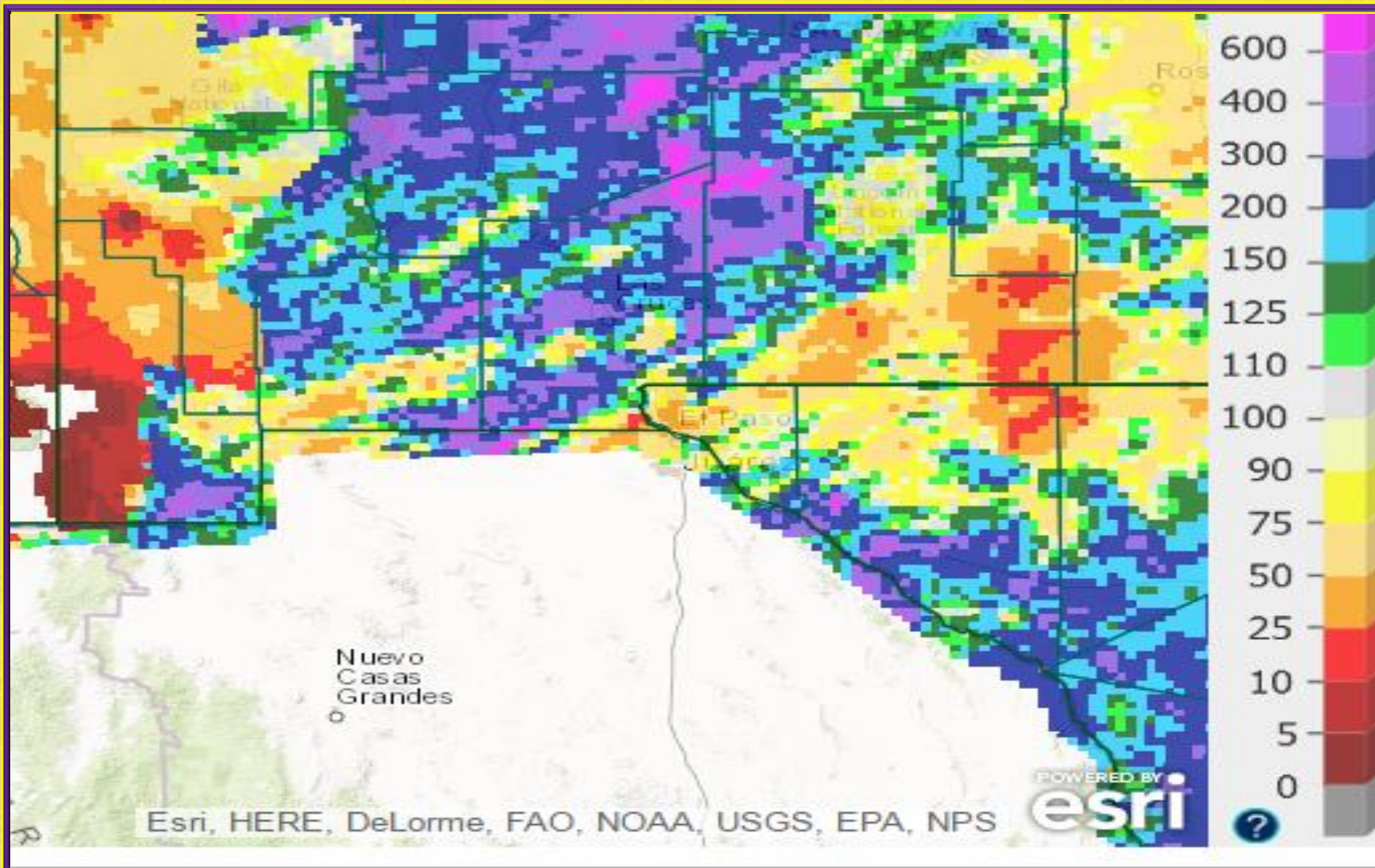
## Precipitation







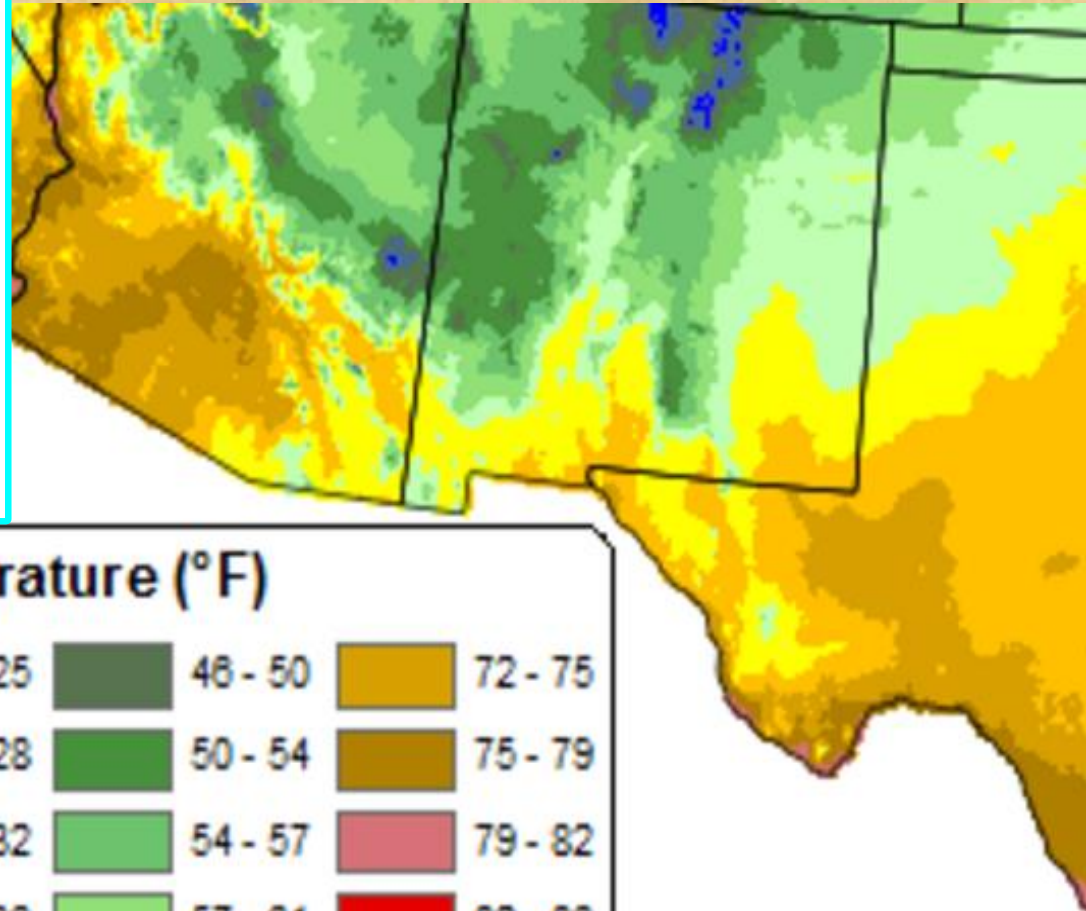
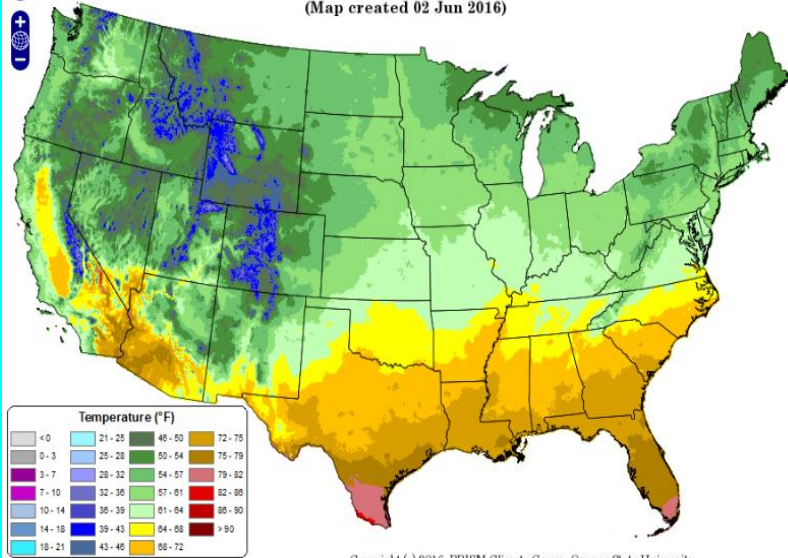
# May 2016 Radar Rainfall Estimate (Percent of normal)





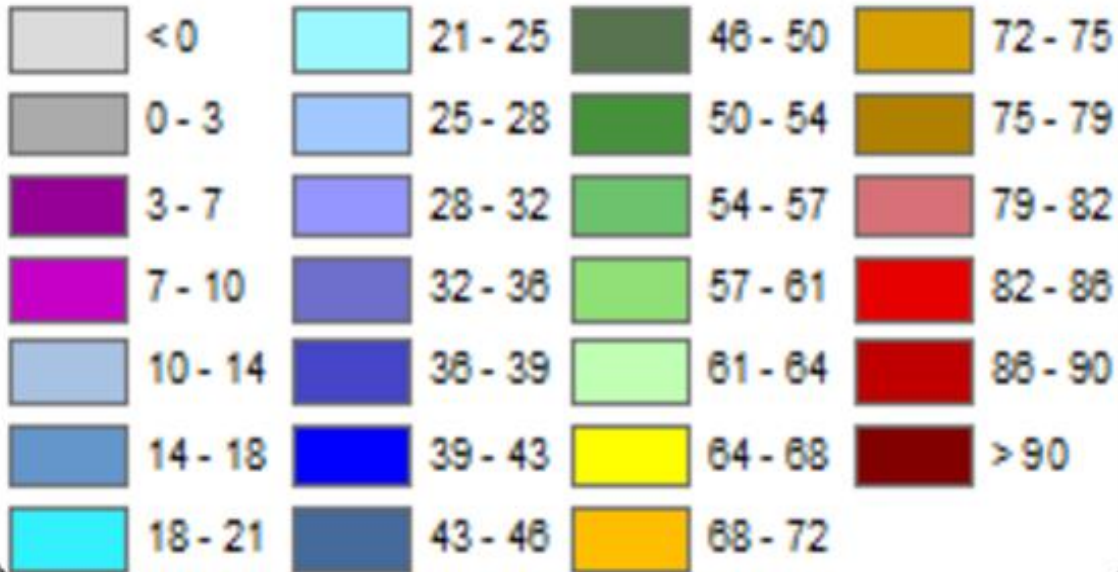
# Average Daily Mean Temperature for May 2016

Average Daily Mean Temperature: May 2016  
 Period ending 7 AM EST 31 May 2016  
 (Map created 02 Jun 2016)



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## Temperature (°F)



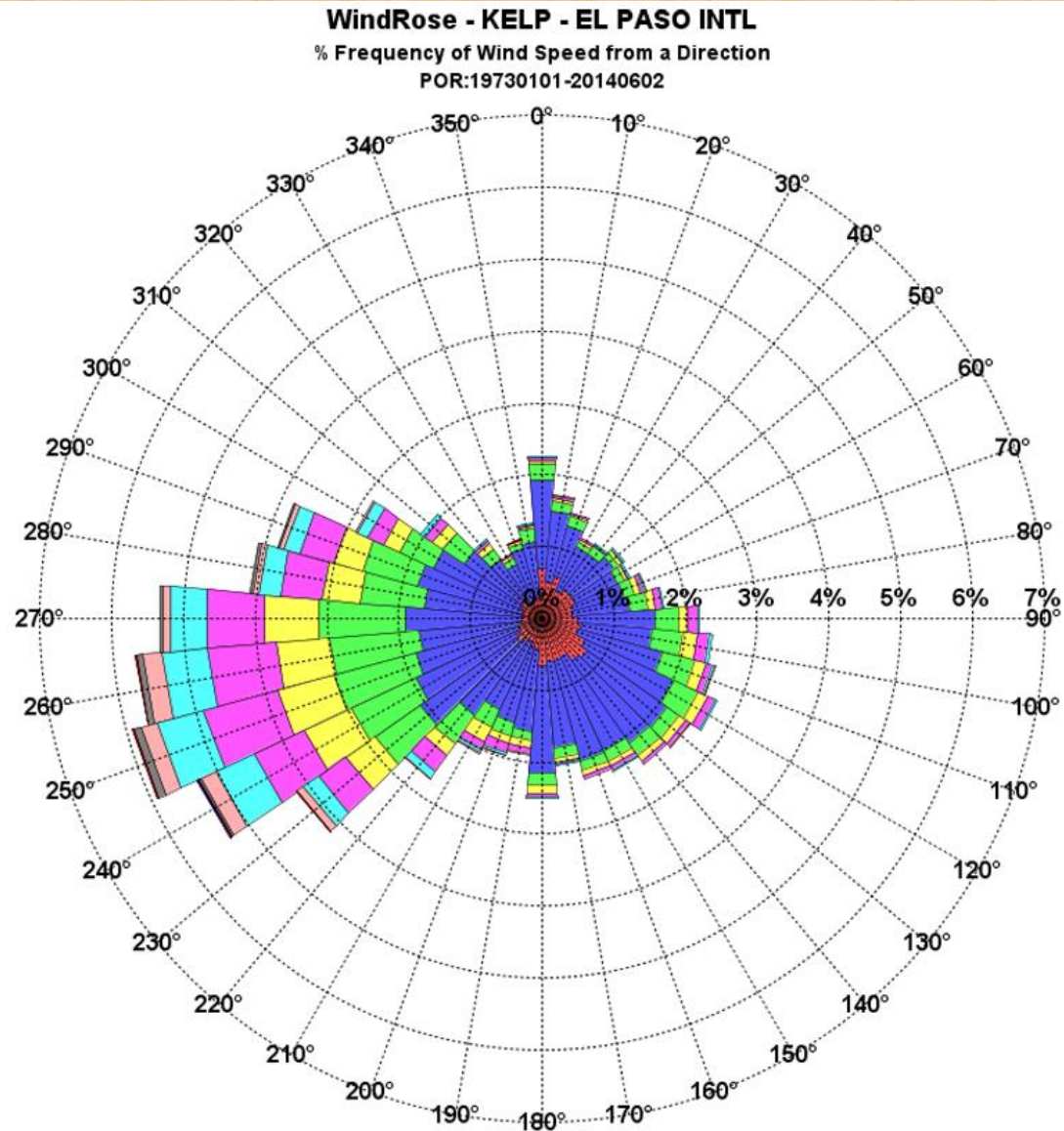
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 PRISM Climate Group  
 Oregon State University



# Special Features

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

Month: MAY  
Calm: 6.44%  
Variable: 2.66%



# Selected weather reports May 2016

<b>Date/Time</b>	<b>Location (County)</b>	<b>Event</b>
05/18/16 245 PM	1 WNW LEASBURG-DOÑA ANA	1.00 INCH HAIL
05/18/16 406 PM	3 SE LAS CRUCES-DOÑA ANA	1.00 INCH HAIL
05/18/16 422 PM	1 N COLUMBUS-LUNA	1.00 INCH HAIL
05/18/16 428 PM	1 NE TALAVERA-DOÑA ANA	1.00 INCH HAIL
05/18/16 410 PM	3 SE MESILLA-DOÑA ANA	.75 INCH HAIL
05/18/16 433 PM	1 NE LAS CRUCES-DOÑA ANA	FLOODING FROM HAIL BLOCKAGE
05/30/16 405 PM	6 SE WSMR-DOÑA ANA	56 MPH T-STORM WIND GUST
05/30/16 330 PM	NORTHRUP STRIP-DOÑA ANA	55 MPH T-STORM WIND GUST
05/30/16 433 PM	1 NE LAS CRUCES-DOÑA ANA	54 MPH T-STORM WIND GUST



Home Site Map News Organization Search for: NWS All NOAA

Top News of the Day  
The March Weather narrative is ready for viewing!

Tonight Monday

WEST SOUTHWEST WINDS  
5 to 10 mph.

Jun Apr 3 2016  
National Weather Service  
El Paso, TX

Watches & Warnings Observations Forecast Graphics Rivers & Lakes Climate Español

Click on the map below for the latest forecast.

Read watches, warnings & advisories

Fire Weather Watch

Hazardous Weather Outlook

**Don't Forget-Current and all past issues of our Weather Digest are available on our website at <http://www.srh.noaa.gov/elp/>**

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

National Weather Service Weather Forecast Office  
El Paso, TX

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City, St Go

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Local  
Nationwide  
Outlooks  
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Forecasts  
Local  
Forecast Discussion  
Activity Planner  
Graphical  
Fire Weather  
Aviation Weather  
Current Weather  
Observations  
Satellite Images  
Rivers/Lakes  
Radar Imagery  
Nationwide  
El Paso  
Holloman AFB  
Climate  
Local  
National  
More...  
Drought  
Weather Safety  
Weather Radio  
SKYWARN  
Storm Ready  
Monsoon Awareness  
Spotter Training  
Volunteer Programs  
Other Items  
Weather Calculator  
Social Media Feeds  
Weather Basics  
Digest and Bulletin  
Office Info  
Research and Weather Events

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: Hudspeh, Grant, Luna, Sierra, Doña Ana and Otero and the following counties in Texas: El Paso and Hudspeh.

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	