

June 2016 Weather Digest



June 2016 Weather Summary

June was a relatively quiet month, with a few attempts towards the end of the month of establishing the monsoon flow, eventually failing to do so. This seems pretty typical where you have several “false alarms” of the onset of the monsoon in late June. The area did benefit from some rain from these false starts however. For the month, the majority of the area received above normal rainfall. If this seems suspect, it is to some degree, because most of the Rio Grande Valley of El Paso and Doña Ana Counties (which makes up the great majority of the area population) received well below normal rainfall for June. Despite the modest rainfall amounts, drought conditions remained mostly in the abnormally dry zone, with only Grant and Hidalgo Counties falling into the moderate drought category.

Temperatures for the month were generally above normal across the desert lowlands, and near normal in the mountains. The month followed the typical climatic pattern of gradual warming through the month, culminating in the hottest day of the month on the 18th. Many record high temperatures were broken, and most places 6000 feet and lower experienced triple digit heat, led by 108° at El Paso International Airport. El Paso Airport is sitting at 11 days of 100°+ high temperatures. The site averages about 16 days a summer above this

June 2016 Weather Summary (cont'd)

this figure. As we head into a La Niña fall pattern, the temperature outlook will likely continue with a forecast of above normal temperatures. Expect a hot finish to the summer!

59 mph wind gust at Deming June 5

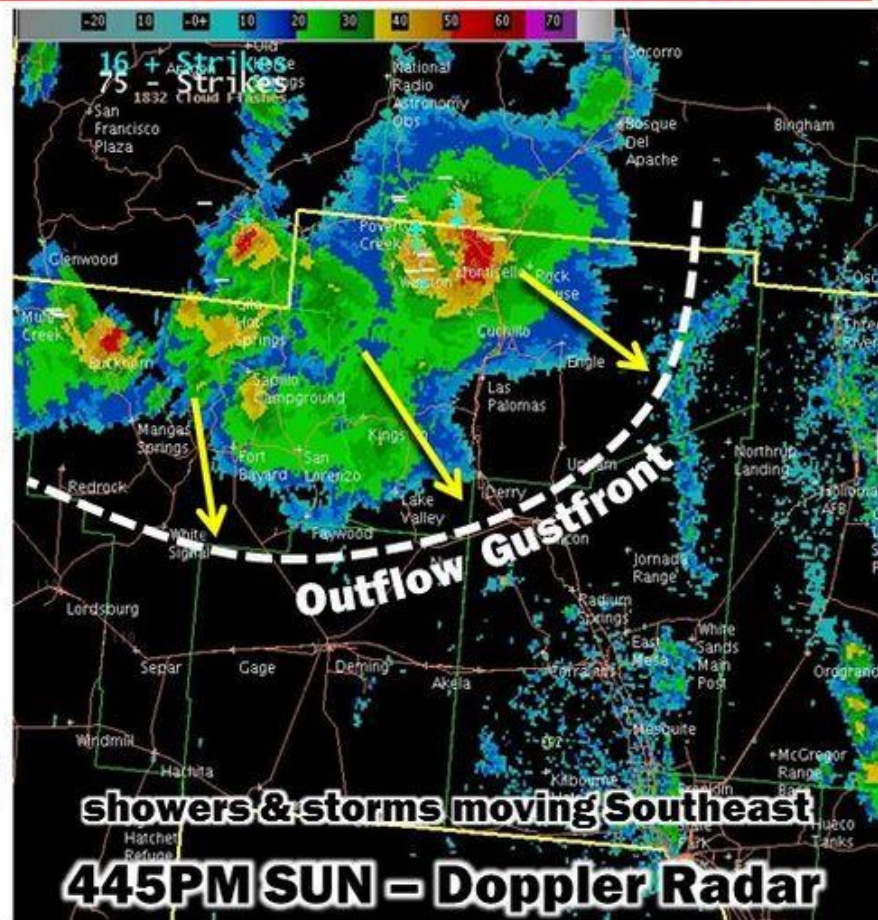


Afternoon Showers and Thunderstorms across Southern New Mexico

Strong Gusts / Small Hail / Heavy Rain

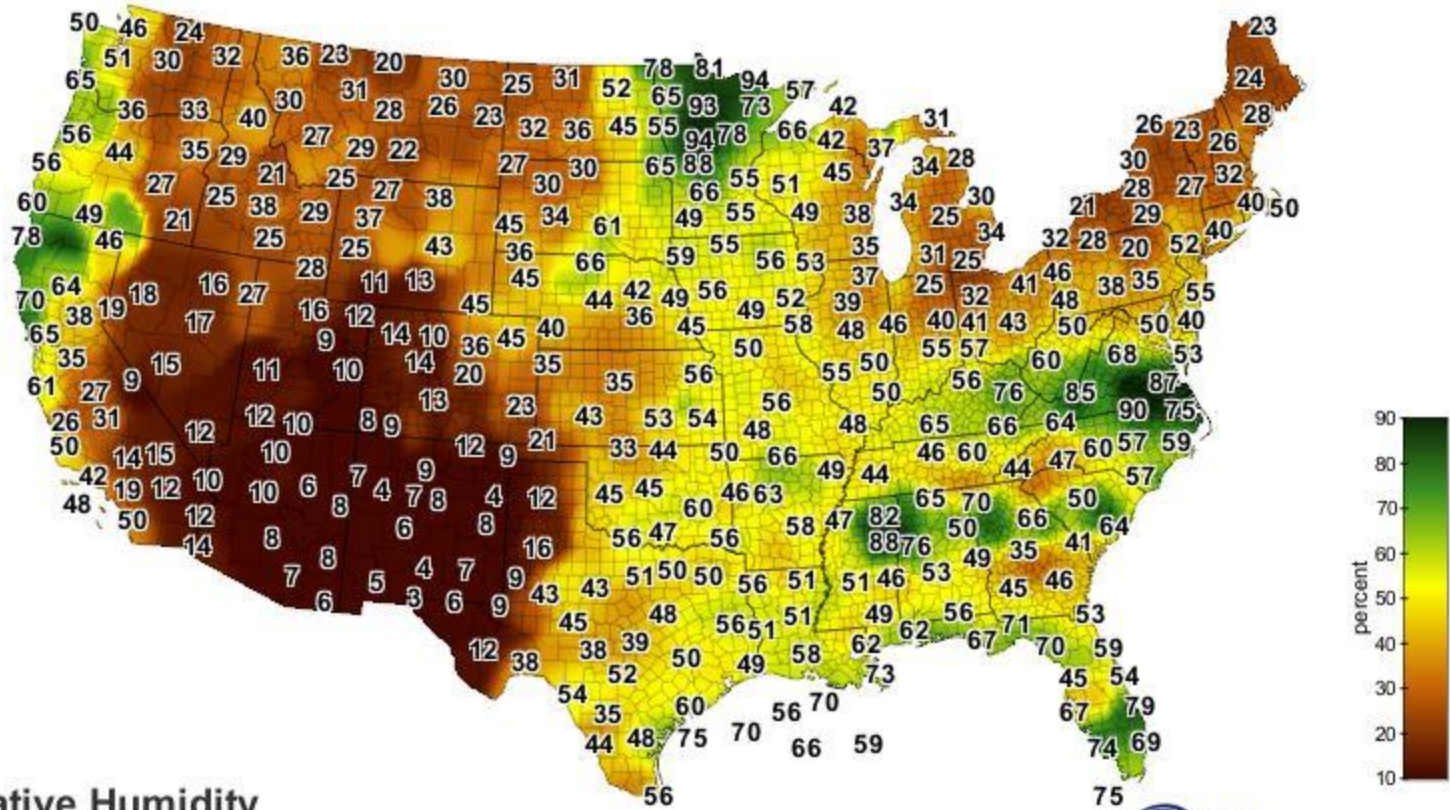
A large cluster of showers and thunderstorms are dropping SSE into Grant and Sierra counties.

They are moderate to strong in strength. Likely producing hail of 1/2" to 3/4". Brief heavy rain and possible flooding...and strong outflow winds to 50 mph.



June 17 DRY

El Paso 3% humidity



Relative Humidity
3:00 PM June 17, 2016 CDT

Data provided by NOAA's National Weather Service. Created 3:15:36 PM June 17, 2016 CDT. © Copyright 2016



Record High temperatures for June 18



EL Paso-elevated smoke layer from New Mexico wildfires



June 23 El Paso



© 2016 | garlapse.com

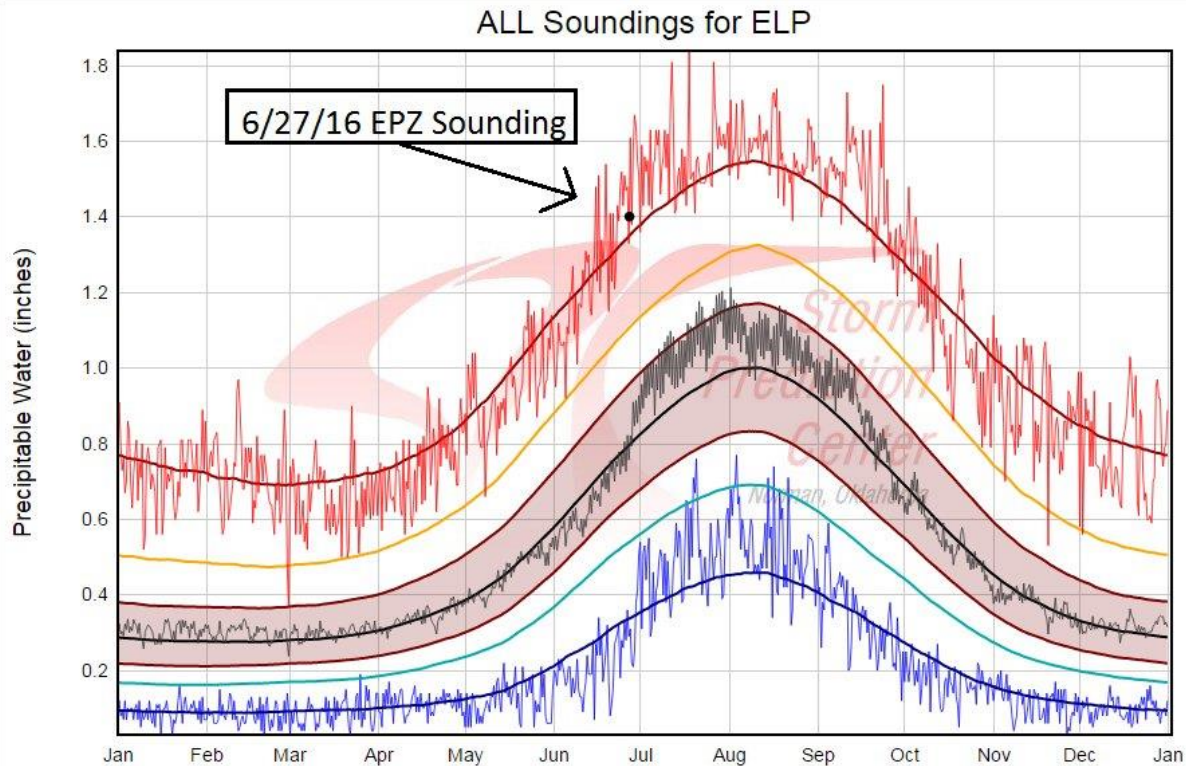
June 24-Haboob approaching El Paso



June 25-Wildfire on east slopes of the Franklin Mtns near Anthony Gap



June 27-Near record precipitable water of 1.4 inches at El Paso



27 Jun 12 UTC

Daily Min (Thin Line): 0.31
Min Moving Average: 0.34
10% Moving Average: 0.54
25% Moving Average: 0.66

Median Moving Average: 0.80
Daily Mean (Thin Line): 0.82

75% Moving Average: 0.96
90% Moving Average: 1.11
Max Moving Average: 1.35
Daily Max (Thin Line): 1.61

Period of Record

ELP (1948/01/02-1995/09/09; 33907 soundings)
EPZ (1995/09/11-2014/10/26; 13547 soundings)

June 28-West El Paso rainbow





June 30-Haboob at Santa Teresa



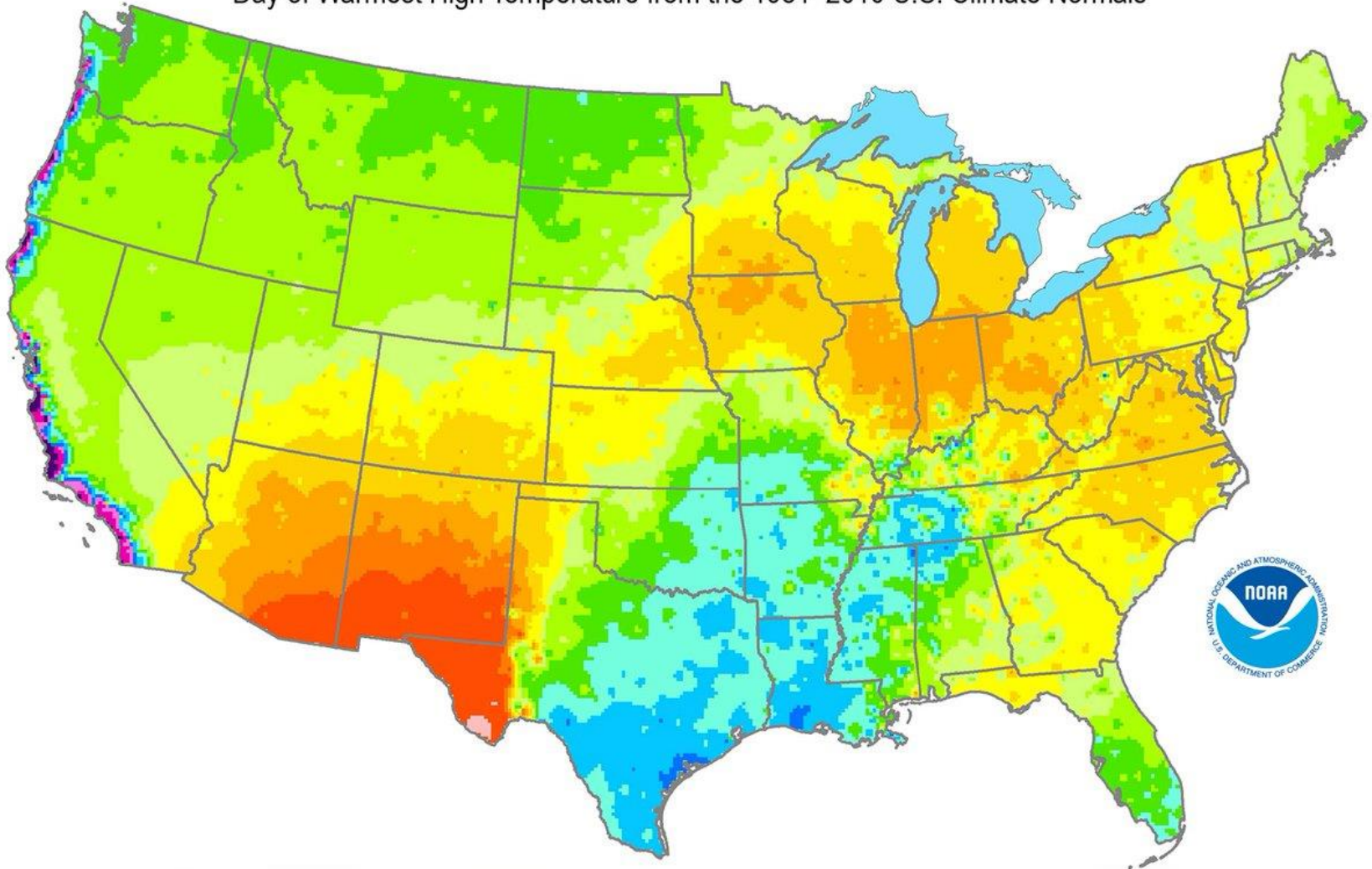
“Part time weather observer” at NWS office in Santa Teresa



Yes, El Paso gets hot in June

Warmest Day of the Year

Day of Warmest High Temperature from the 1981–2010 U.S. Climate Normals



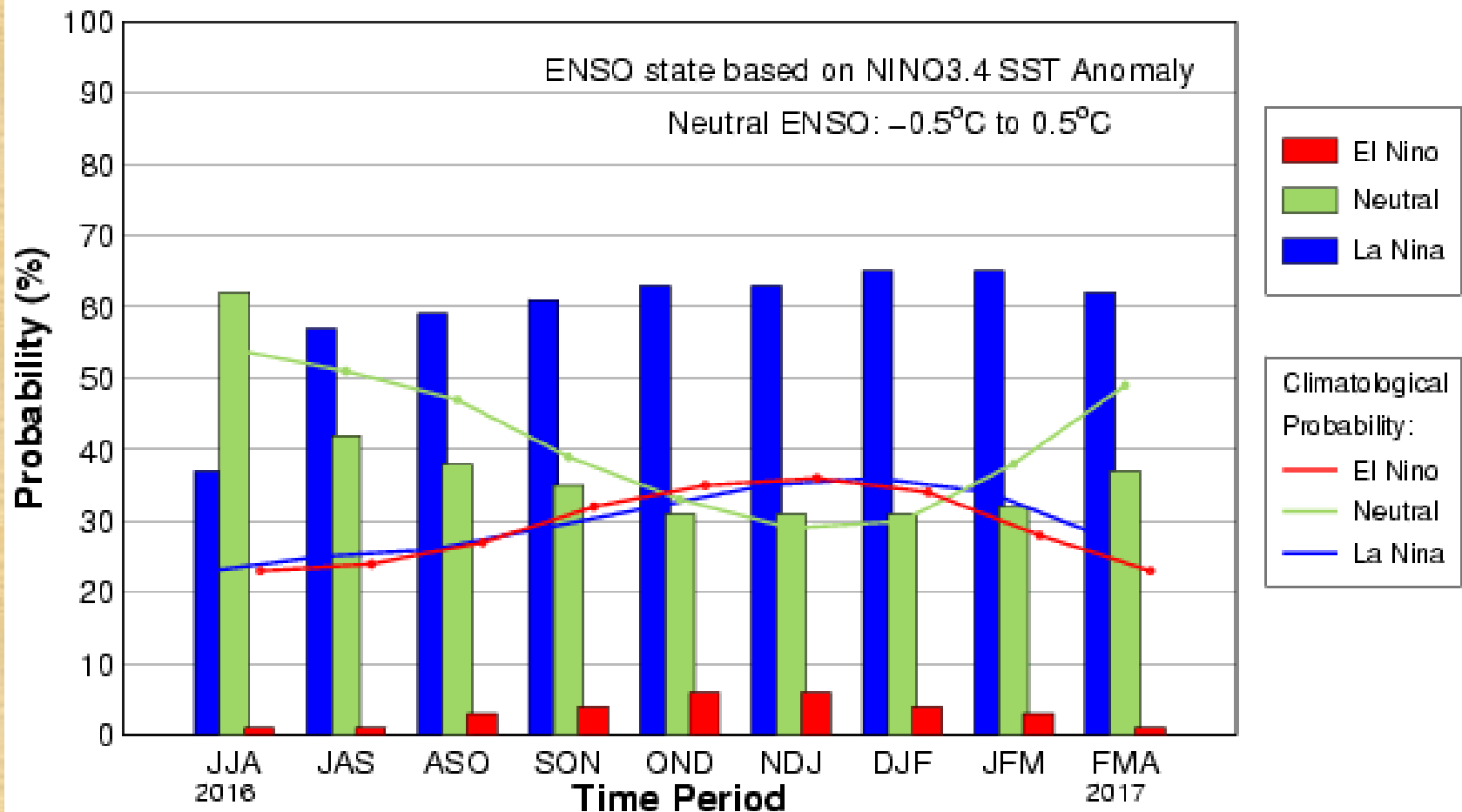
Santa Teresa NWS weather radar Watching the skies for you 24/7!



ENSO Forecast from June through the winter of 2016

ENSO IS NOW IN NEUTRAL STAGE. LIKELY GOING TO LA NIÑA EARLY THIS FALL

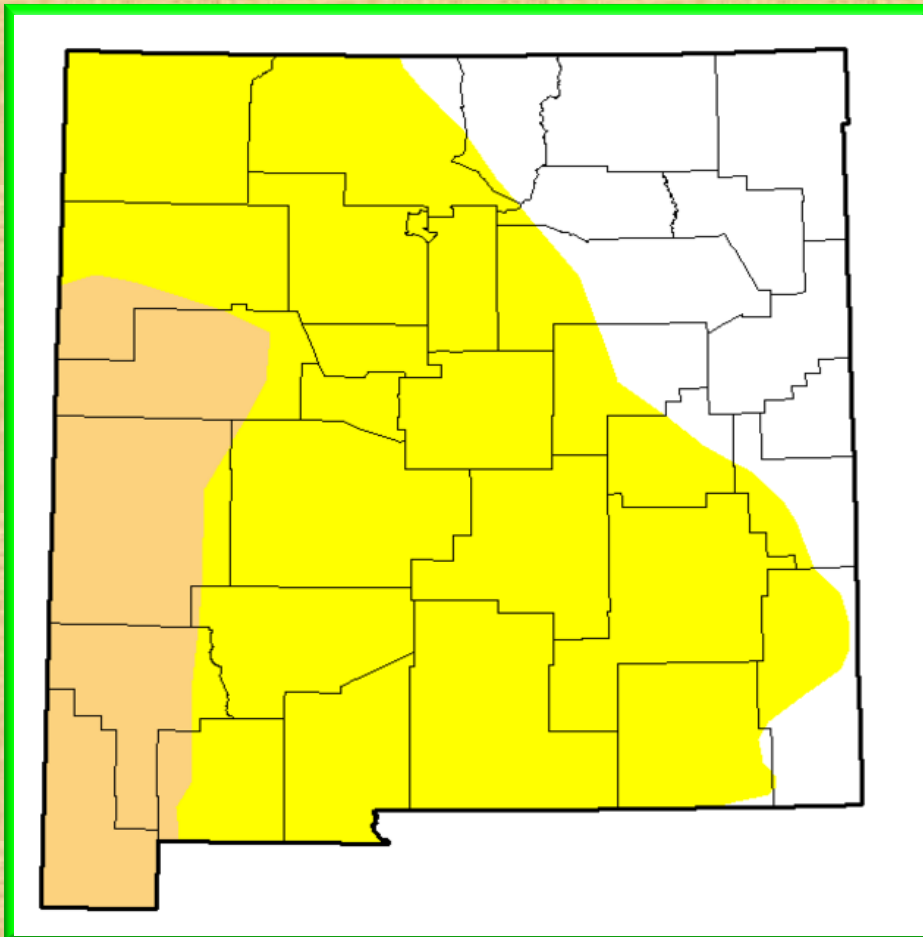
Mid-Jun IR/CPC Model-Based Probabilistic ENSO Forecast



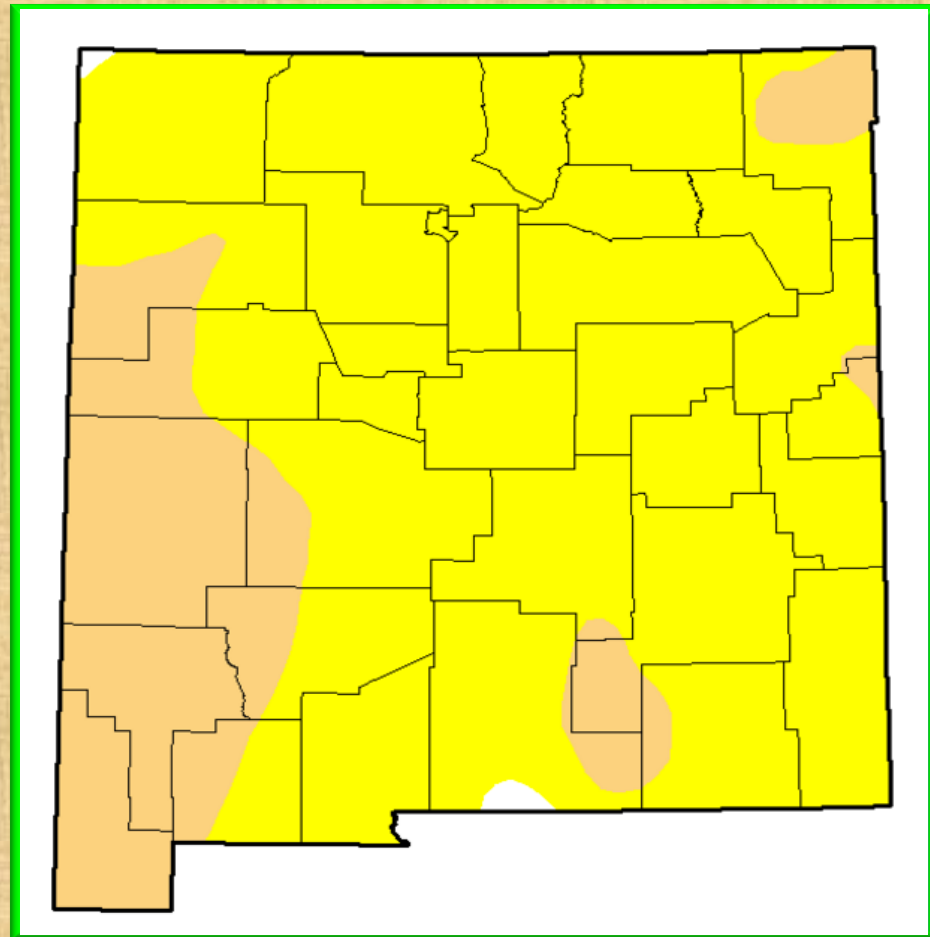
Current drought conditions for New Mexico and 3 month change

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

June 28, 2016








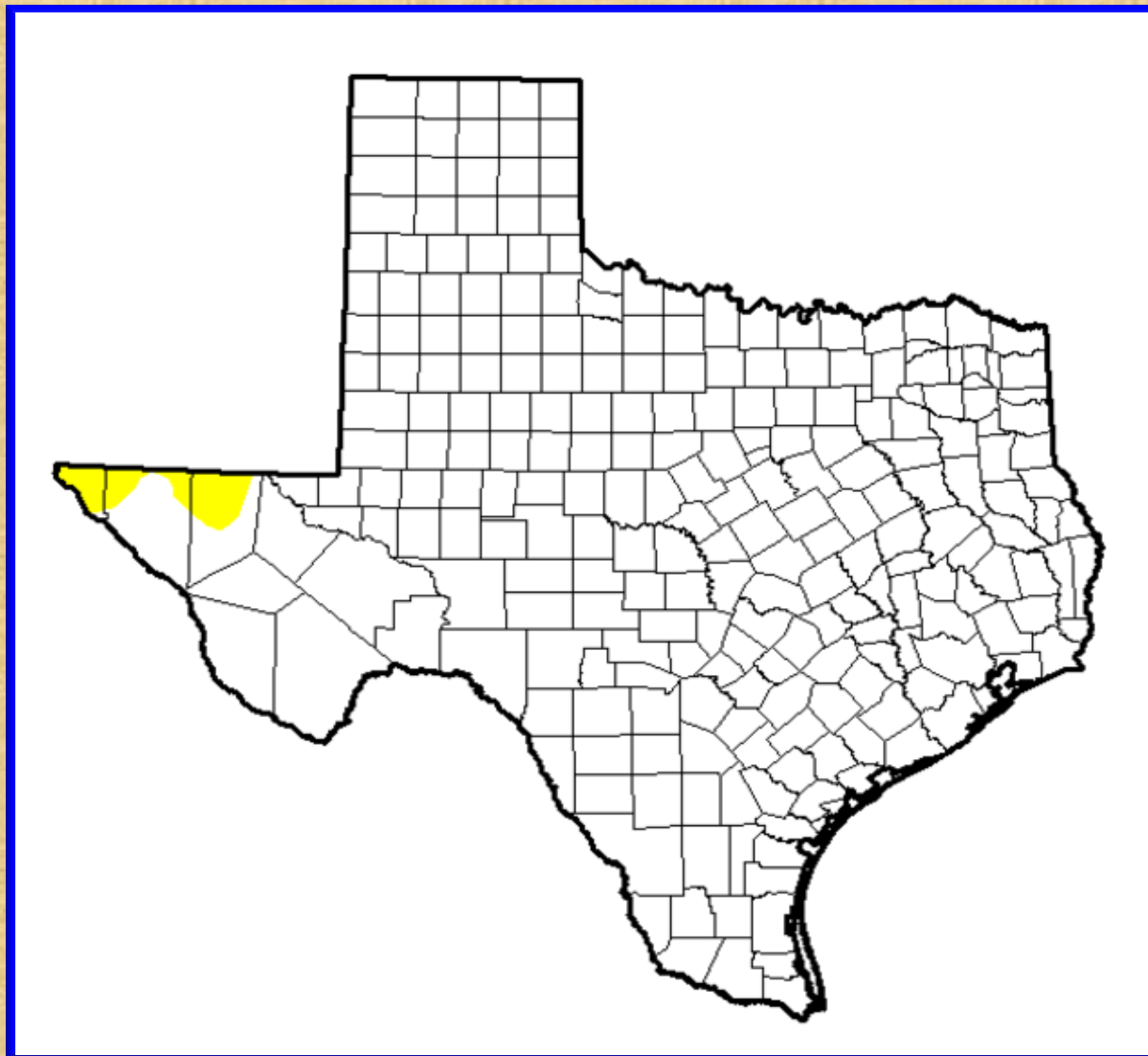
March 29, 2016



Current drought conditions for Texas as of June 28, 2016

Intensity:

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



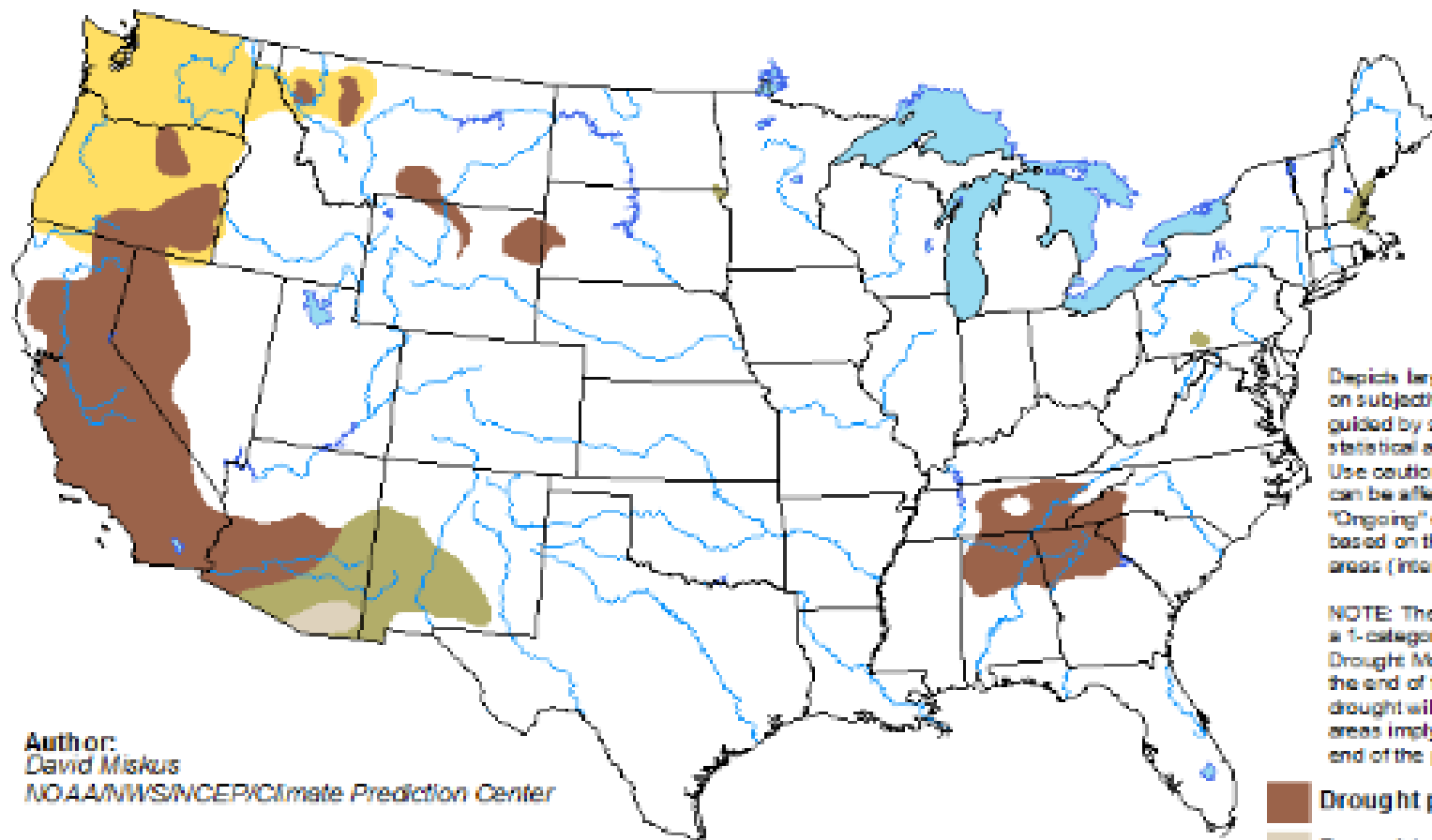
Build your own custom slider maps here at:

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

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period





Valid for June 16 - September 30, 2016
Released June 16, 2016

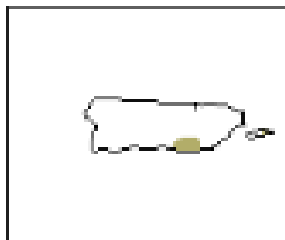
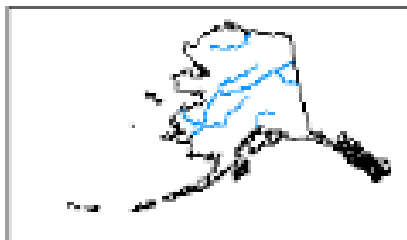


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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

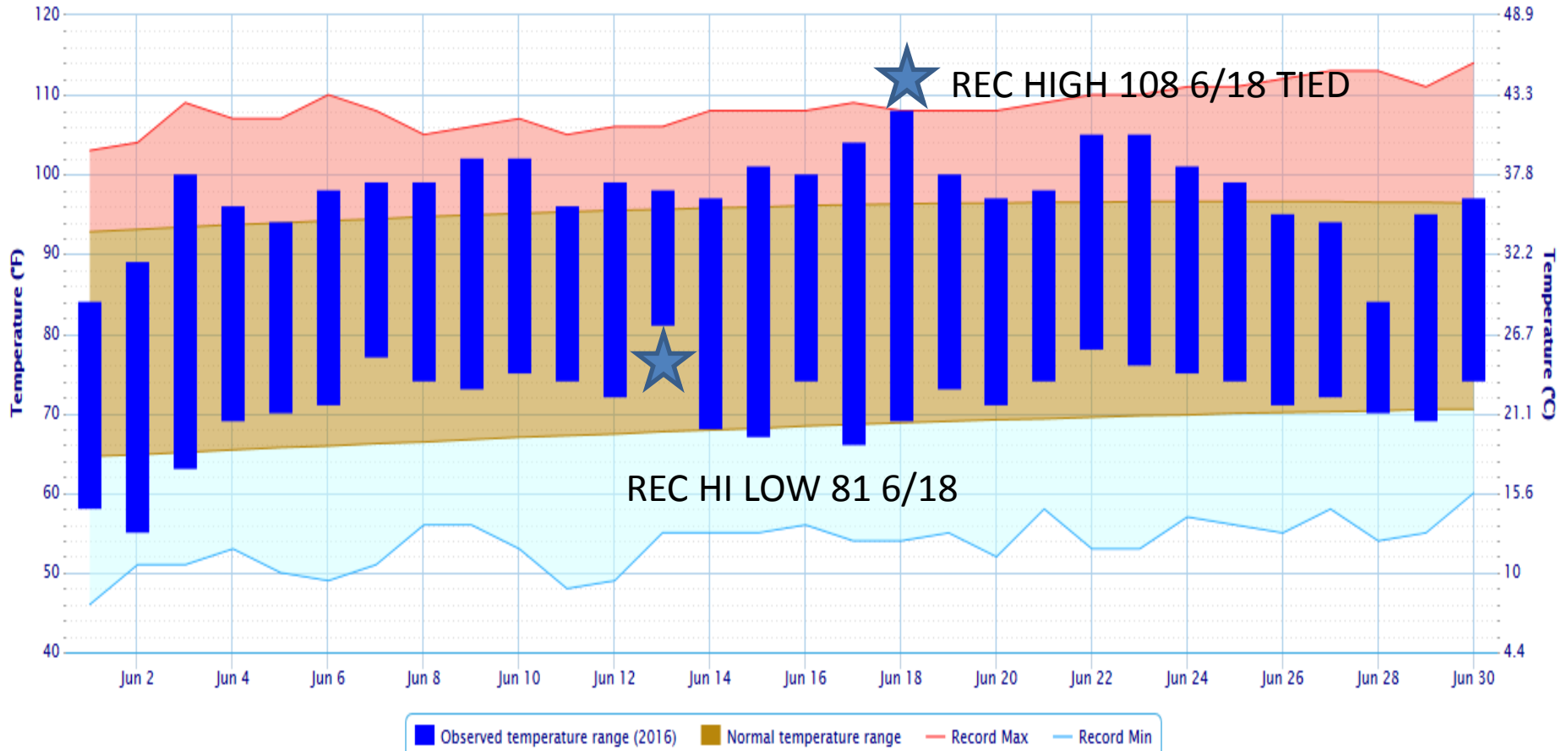


<http://go.usa.gov/3eZ73>

Daily temperature data for June 2016 in El Paso

Daily Temperature Data - EL PASO INTL AP, TX

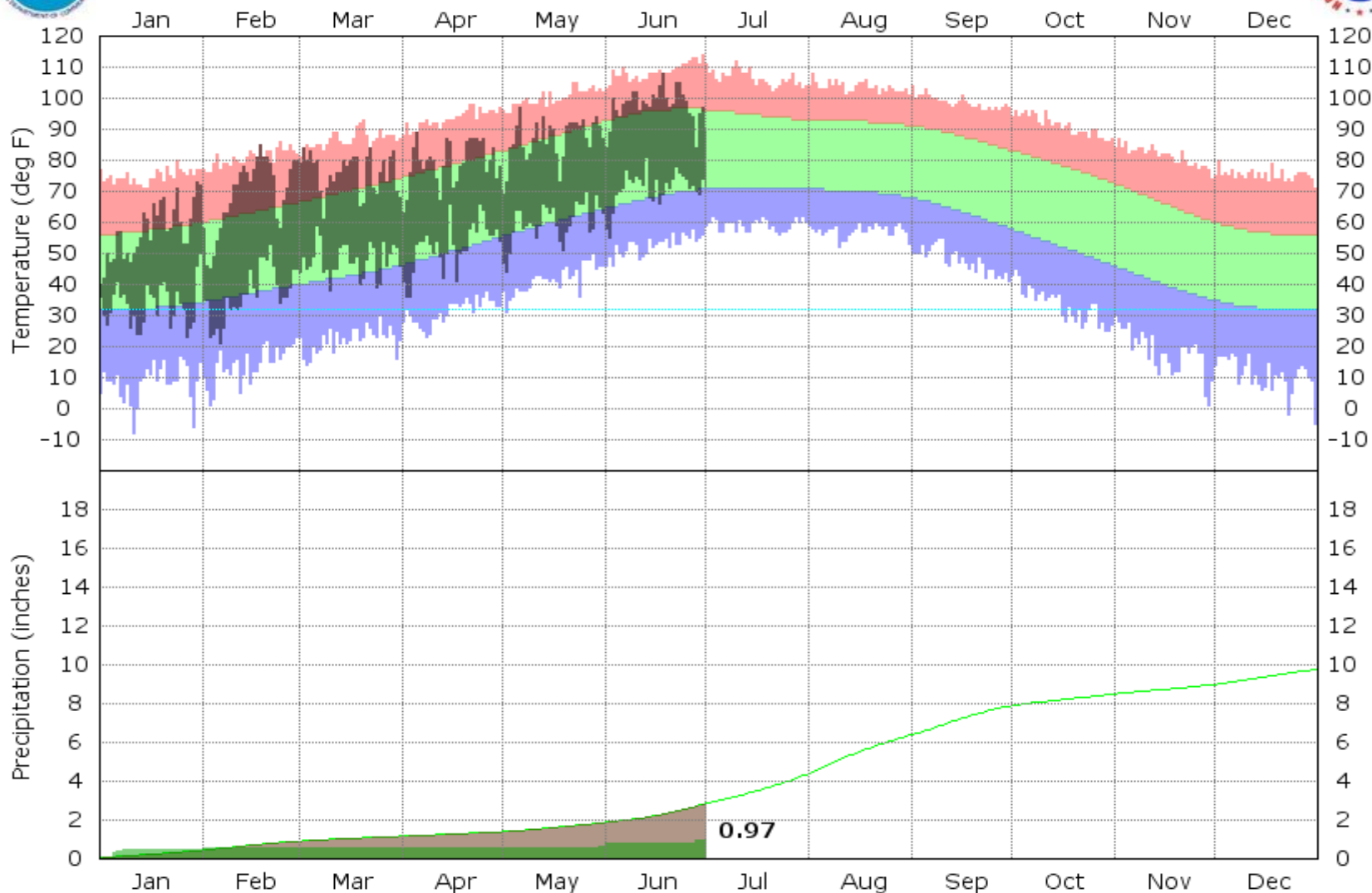
Period of Record - 1942-12-01 to 2016-07-03. Normals period: 1981-2010. Click and drag to zoom chart.



Daily temperature/precipitation data YTD through June in El Paso

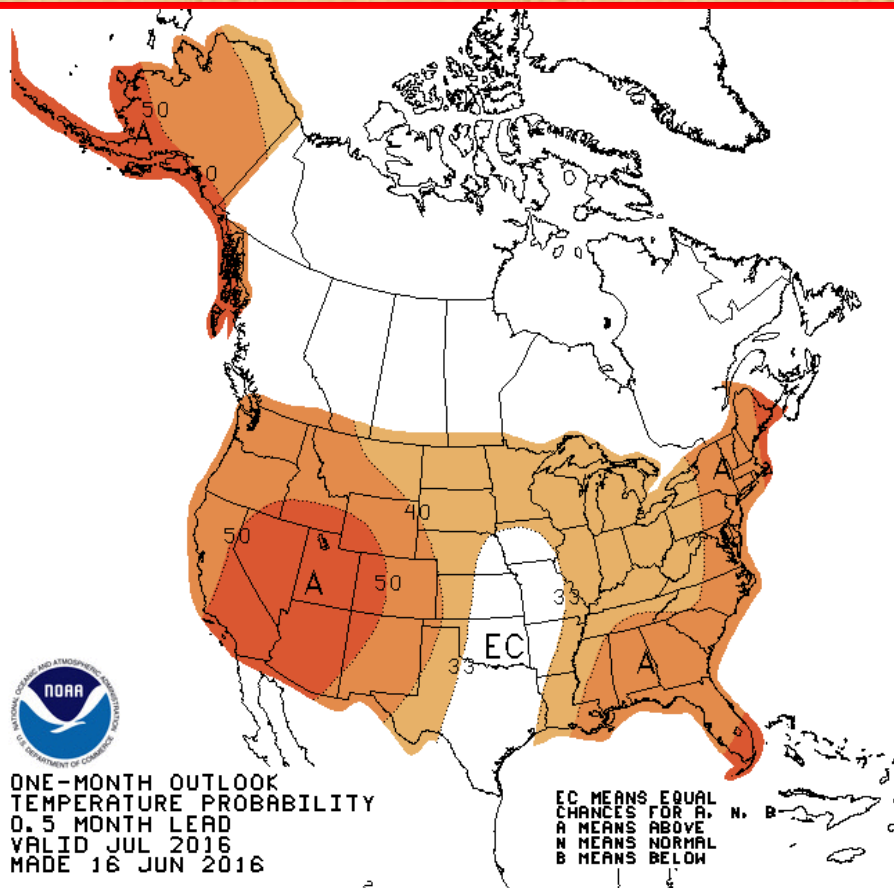


El Paso TX - 2016

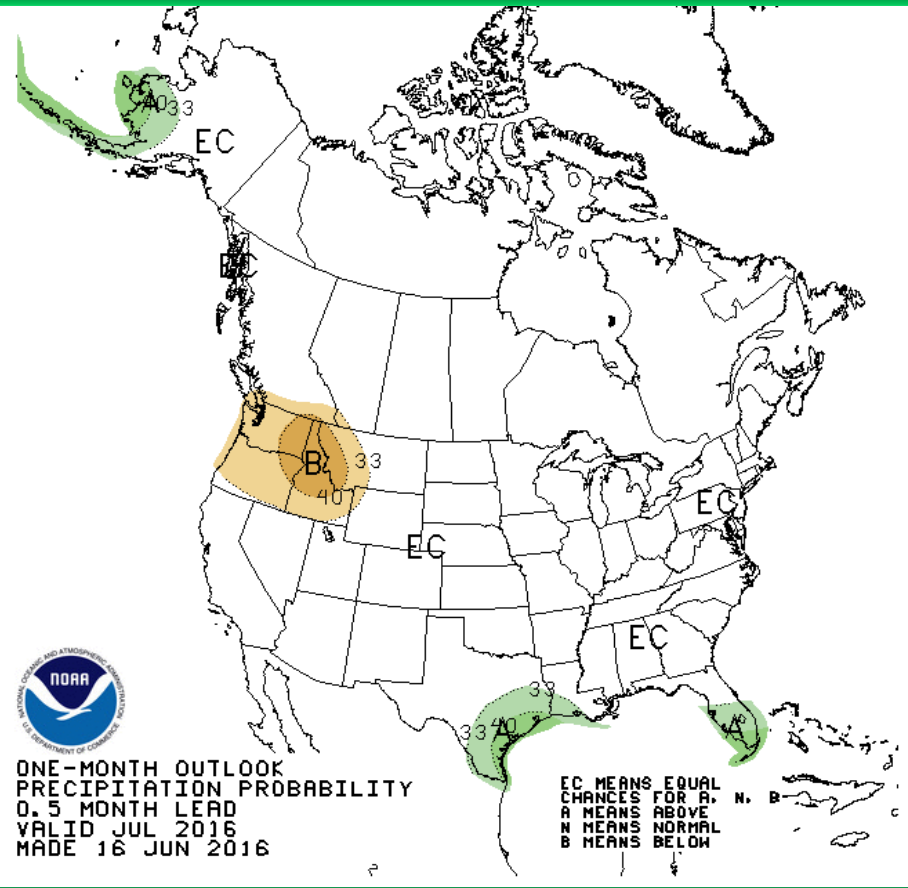


Temperature and precipitation outlook for July 2016

Temperature



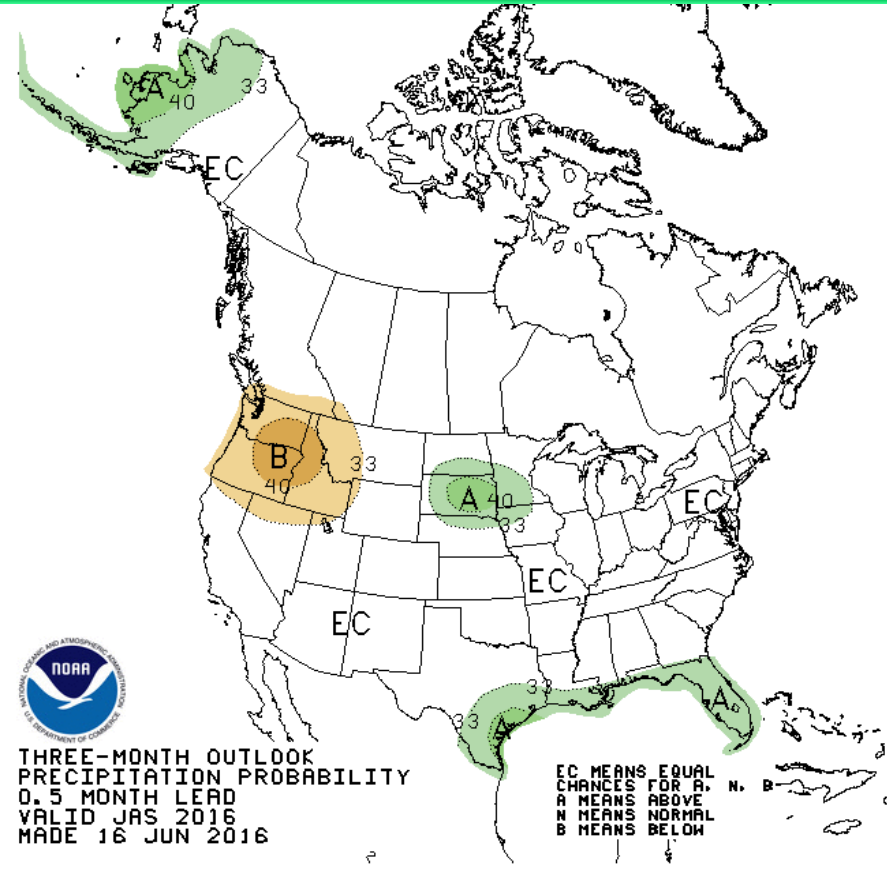
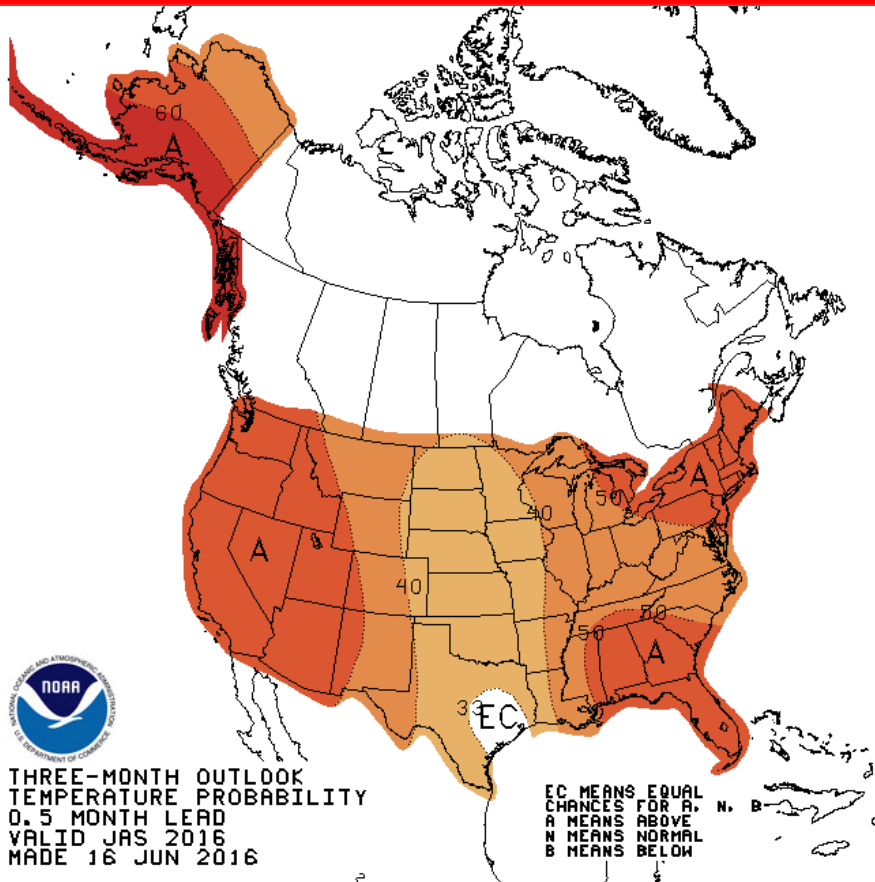
Precipitation



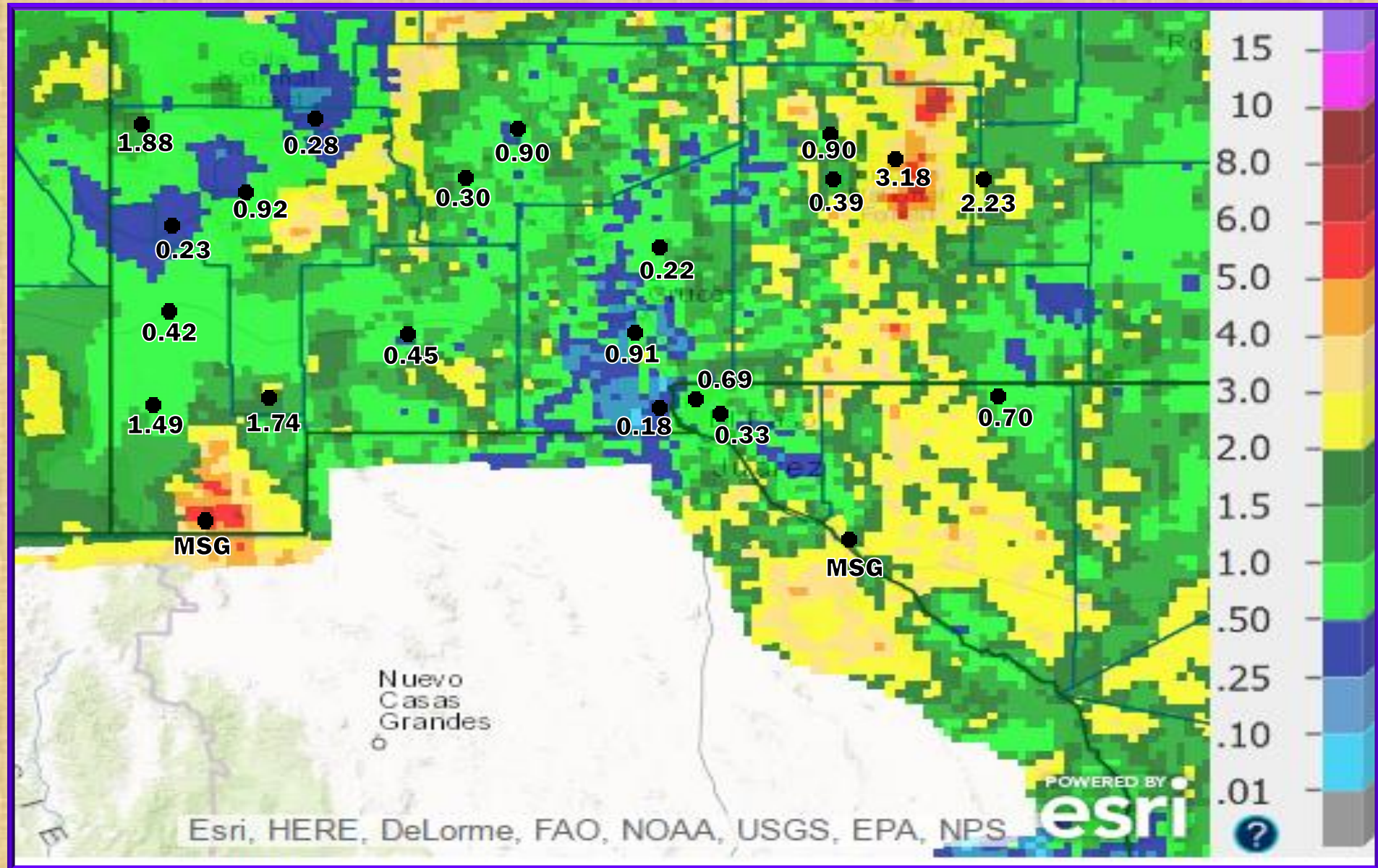
Temperature and precipitation outlook for Jul – Sep 2016

Temperature

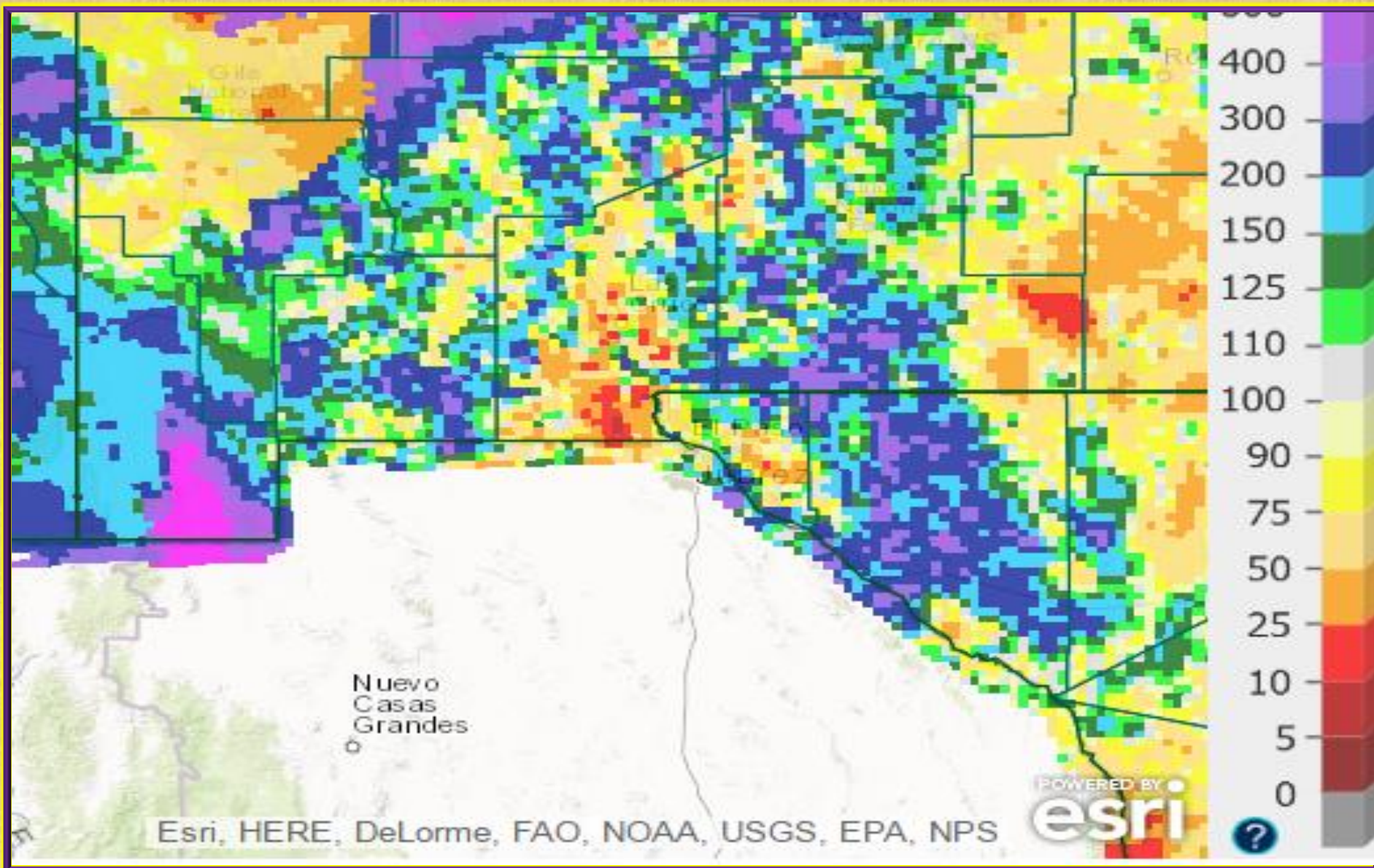
Precipitation



June 2016 radar rainfall estimate with surface rainfall reports

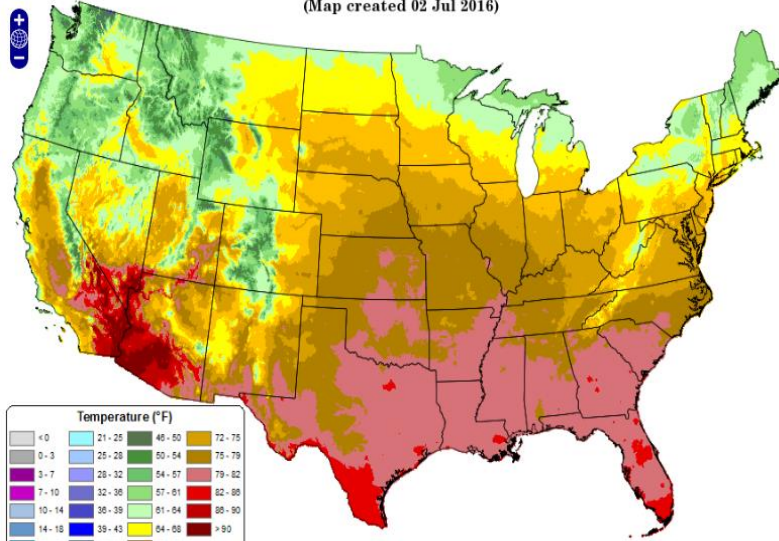


June 2016 Radar Rainfall Estimate (Percent of normal)



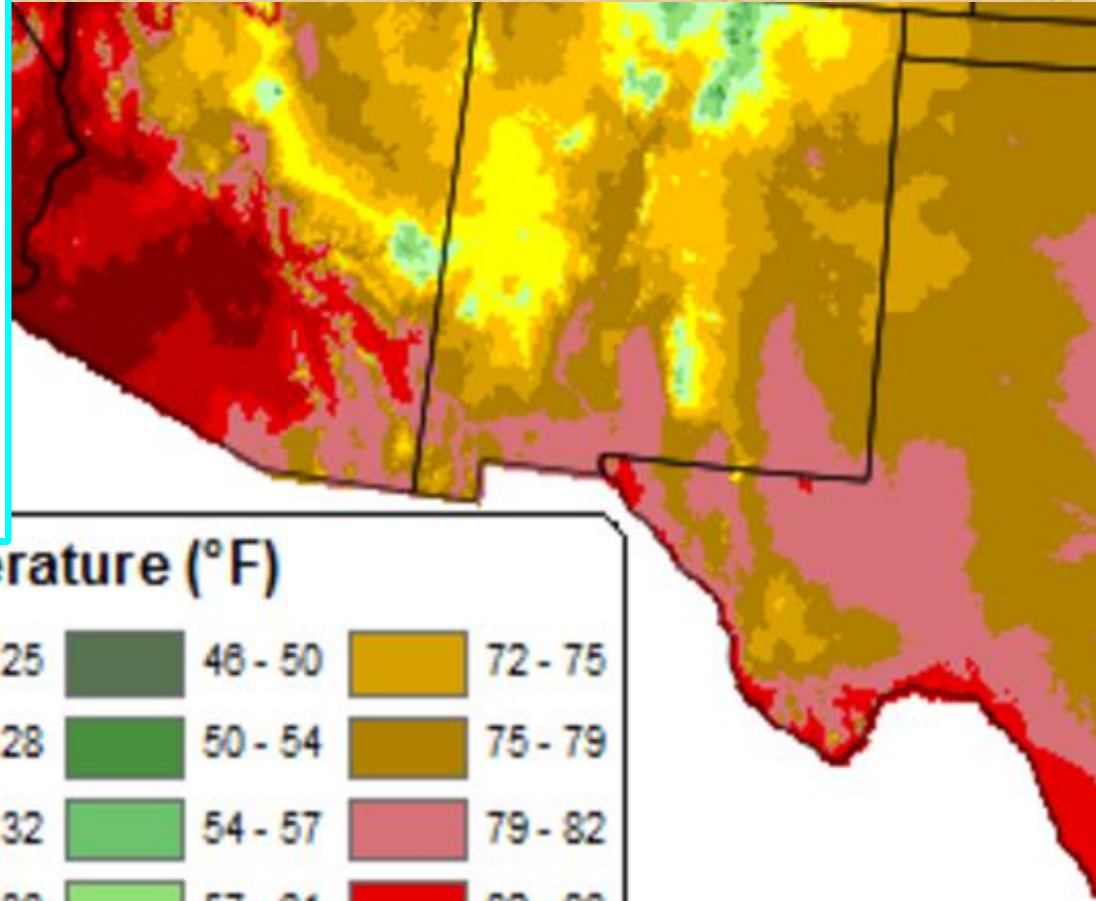
Average Daily Mean Temperature for June 2016

Average Daily Mean Temperature: June 2016
 Period ending 7 AM EST 30 Jun 2016
 (Map created 02 Jul 2016)



< 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 - 88
10 - 14	36 - 39	61 - 64	88 - 90
14 - 18	39 - 43	64 - 68	> 90
18 - 21	43 - 46	68 - 72	

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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 - 88
10 - 14	36 - 39	61 - 64	88 - 90
14 - 18	39 - 43	64 - 68	> 90
18 - 21	43 - 46	68 - 72	

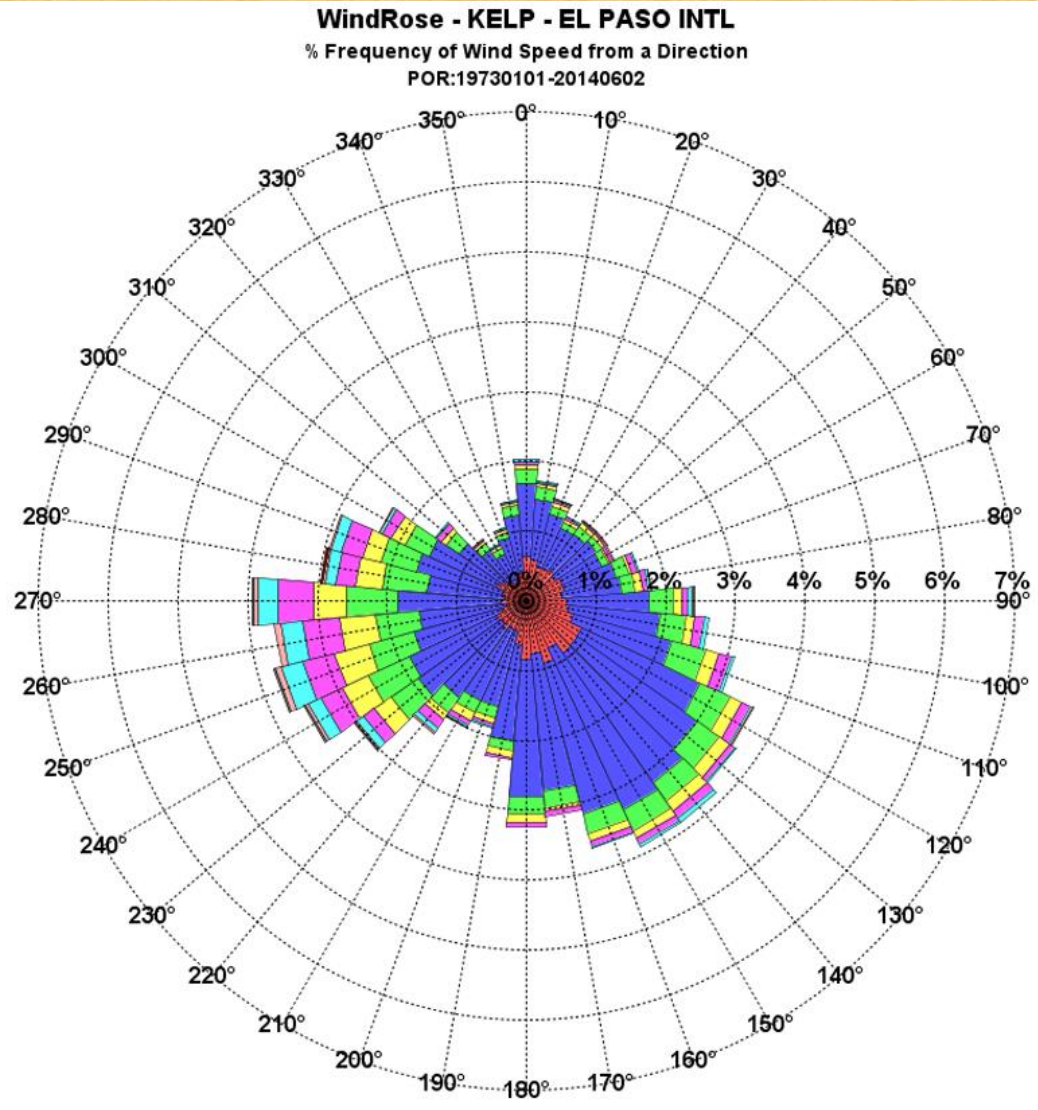
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Special Features

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

Month: JUNE
Calm: 8.00%
Variable: 3.55%

- 1 - 5 mph
- 6 - 10 mph
- 11 - 16 mph
- 17 - 22 mph
- 23 - 28 mph
- 29 - 33 mph
- 34 - 39 mph
- 40 - 45 mph
- 46 - 51 mph
- 52 - 56 mph
- 57 mph or more



Selected weather reports May 2016

Date/Time	Location (County)	Event
06/01/2016 543 PM	6 E EL PASO	.25 INCH HAIL
06/01/2016 548 PM	EL PASO-AIRPORT	.50 INCH HAIL
06/01/2016 540 PM	WINSTON- SIERRA CO	55 MPH THUNDERSTORM GUST
06/07/2016 705 PM	NORTHRUP LANDING-DOÑA ANA CO	67 MPH THUNDERSTORM GUST
06/09/2016 452 PM	3 NE TYRONE-GRANT CO	1.30 INCHES RAIN
06/28/2016 620 PM	6 SE SUNSHINE-LUNA CO	1.20 INCHES RAIN

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

Social Media Dashboard
Local forecast by "City, St" or Zip Code
City, St Go
XML RSS Feeds
Current Hazards
Local
Nationwide
Outlooks
Road Conditions
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

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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Local forecast by "City, St" or Zip Code
City, St Go
XML RSS Feeds
Current Hazards
Local
Nationwide
Outlooks
Road Conditions
Forecasts
Local
Forecast Discussion
Activity Planner
Graphical
Fire Weather
Aviation Weather
Current Weather
Observations
Satellite Images
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Other Items
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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	