

April 2016 Weather Digest



April 2016 Weather Summary

April brought a mixed bag of weather to the Borderland. April showers were present here and there along with some mountain snows. But April is the month noted for strong gusty westerly winds and blowing dust in the lowlands (see the wind rose at the end of this presentation) and this April did not disappoint with at least two days of significant blowing dust. One event on April 25 resulted in highway fatalities on Interstate 10 in Arizona which resulted in a closure of that highway into New Mexico just west of Lordsburg.

Temperature wise...April saw one day with record high temperatures in the Borderland with about 17 days having max temperatures above normal and 7 days below normal. So April behaved in a typical spring like pattern with big temperature swings. Precipitation overall was rather disappointing with only northern Luna, northern Dona Ana, eastern Otero, all of Sierra and eastern Grant counties receiving normal to above normal precipitation with the rest of the area getting less than 50% of normal precipitation. Thus Moderate drought conditions spread Eastward from Arizona into most of southern New Mexico. Abnormally dry conditions now exist in El Paso county. Hudspeth county has avoided the drought so far during April.

April 12 Gila Wilderness

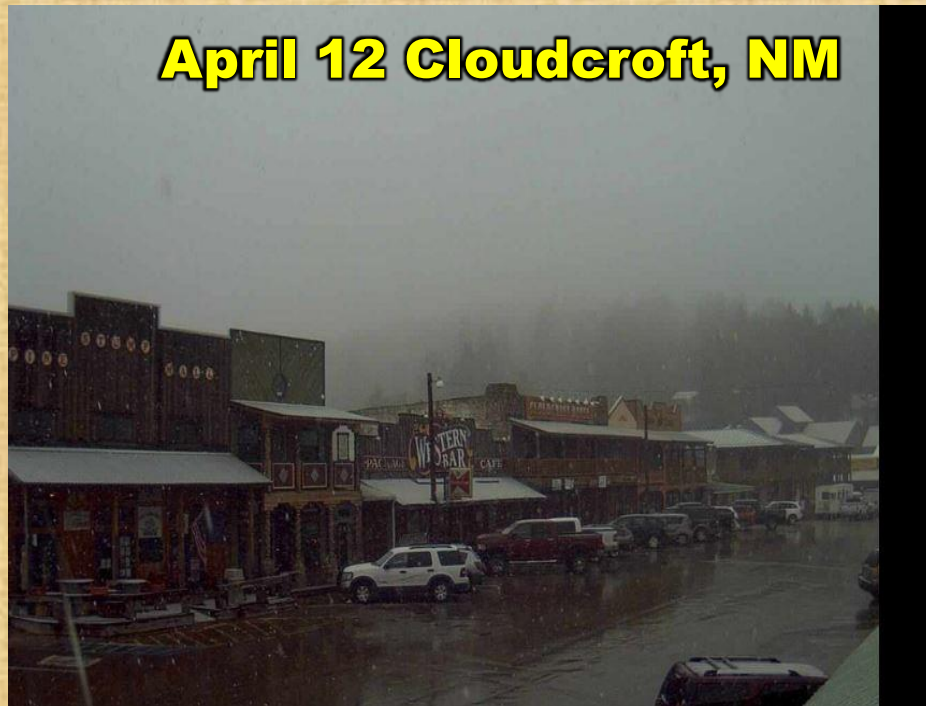


Powered by Highslide JS

April 12 Ski Apache



April 12 Cloudcroft, NM



April 12 Las Cruces



Line of showers & thunderstorms
Approaching El Paso
from the West

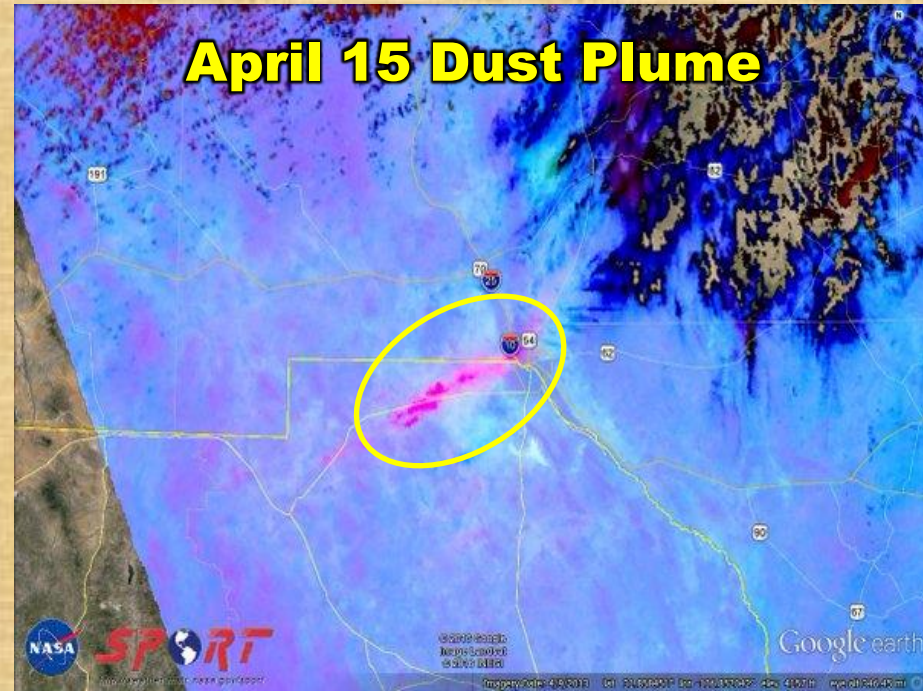


April 12 Santa Teresa, NM

April 15 Lordsburg, NM



April 15 Dust Plume



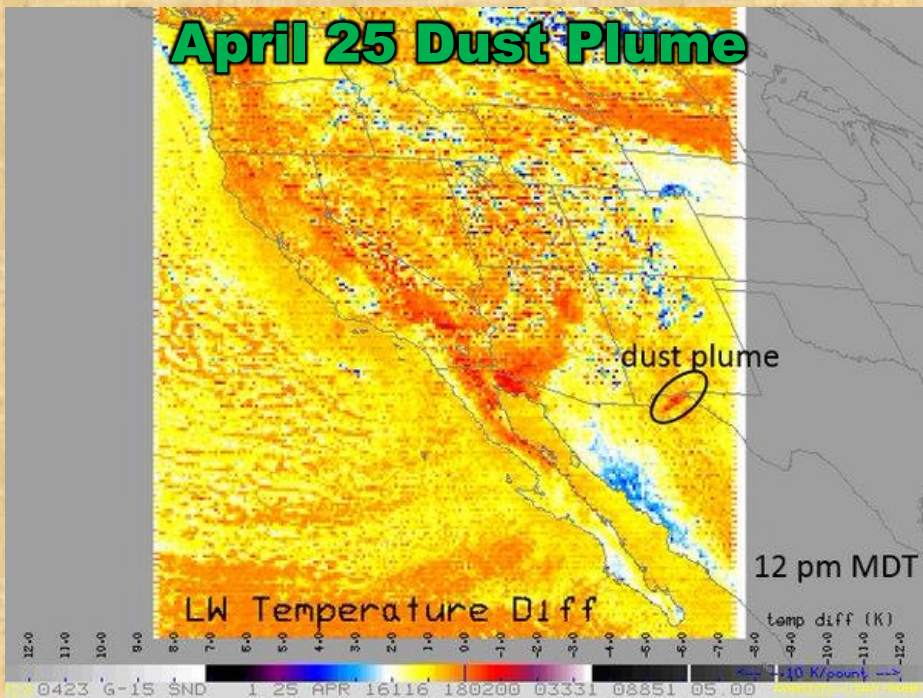
April 25 West of Lordsburg



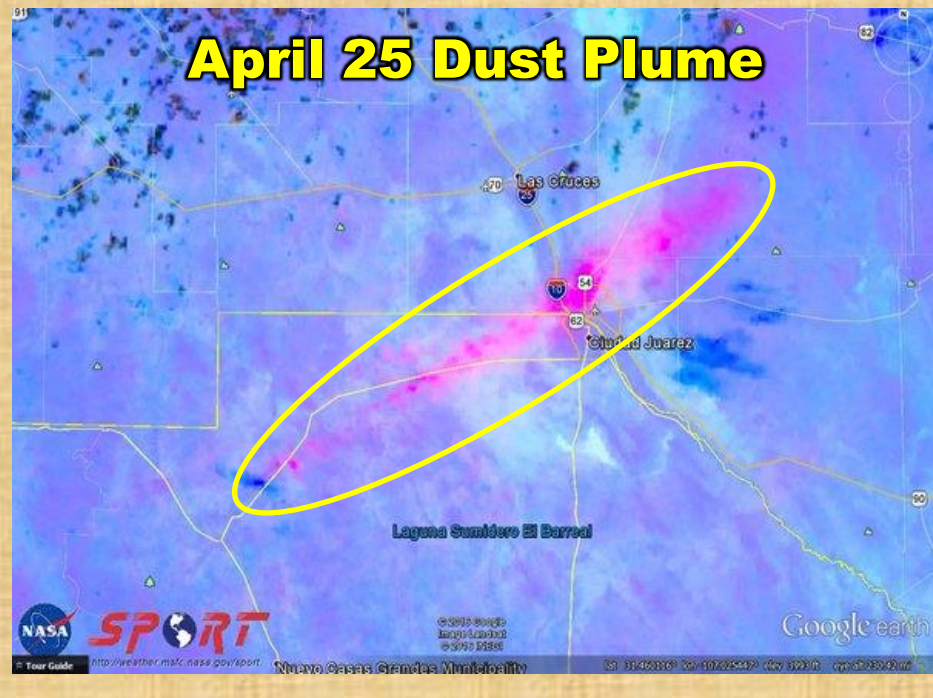
April 25 Southern New Mexico



April 25 Dust Plume



April 25 Dust Plume



April 25 Santa Teresa Jetport



April 25 Anthony New Mexico

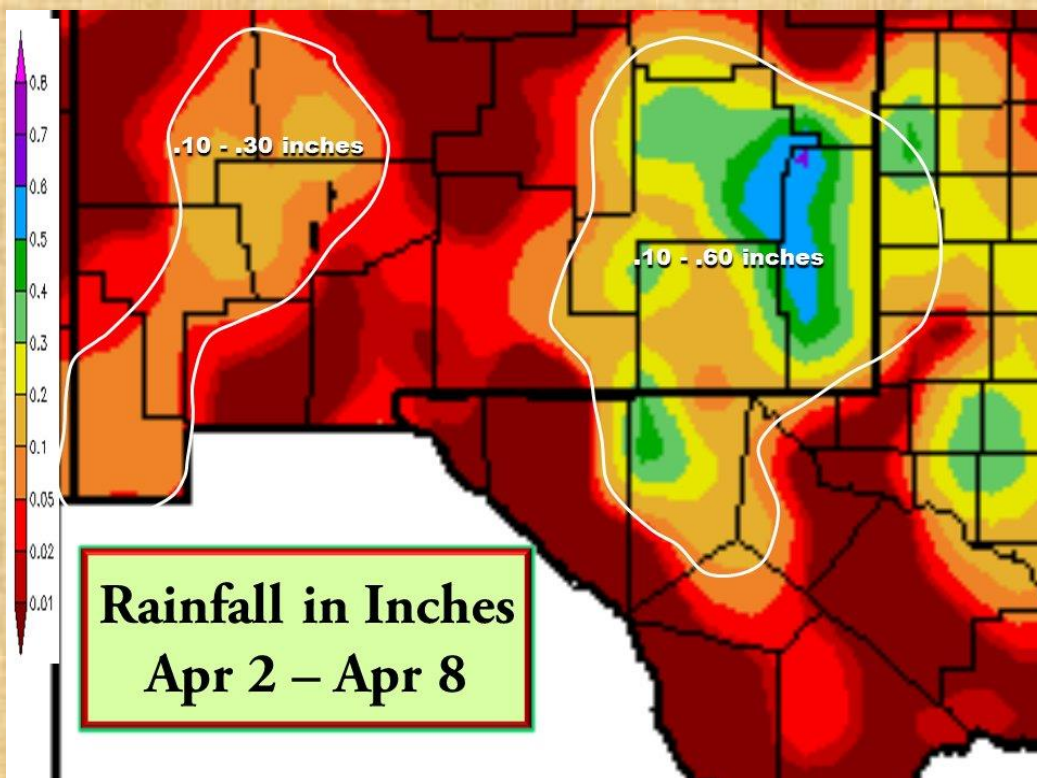


2016-04-26 06:28:49
Organs

April 26 Sunrise Organ Mtns



Some early April drought relief ??????



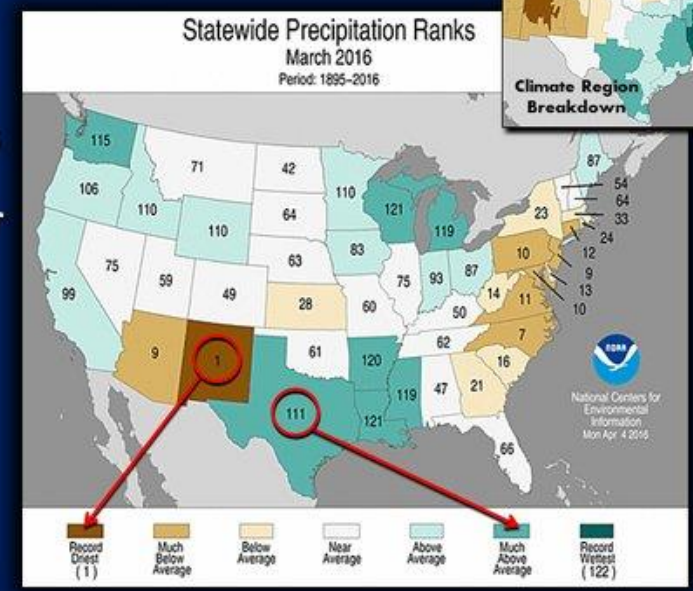
**Rainfall in Inches
Apr 2 – Apr 8**

MARCH 2016: Precipitation State Ranks

How this works:
122 yrs of Marches
(for each state)
are ranked in order
from driest (1) to
wettest (122).

New Mexico
1st driest of 122 yrs.
DRIEST ON RECORD

Texas
111th wettest of 122 yrs
MUCH ABOVE AVERAGE
precipitation

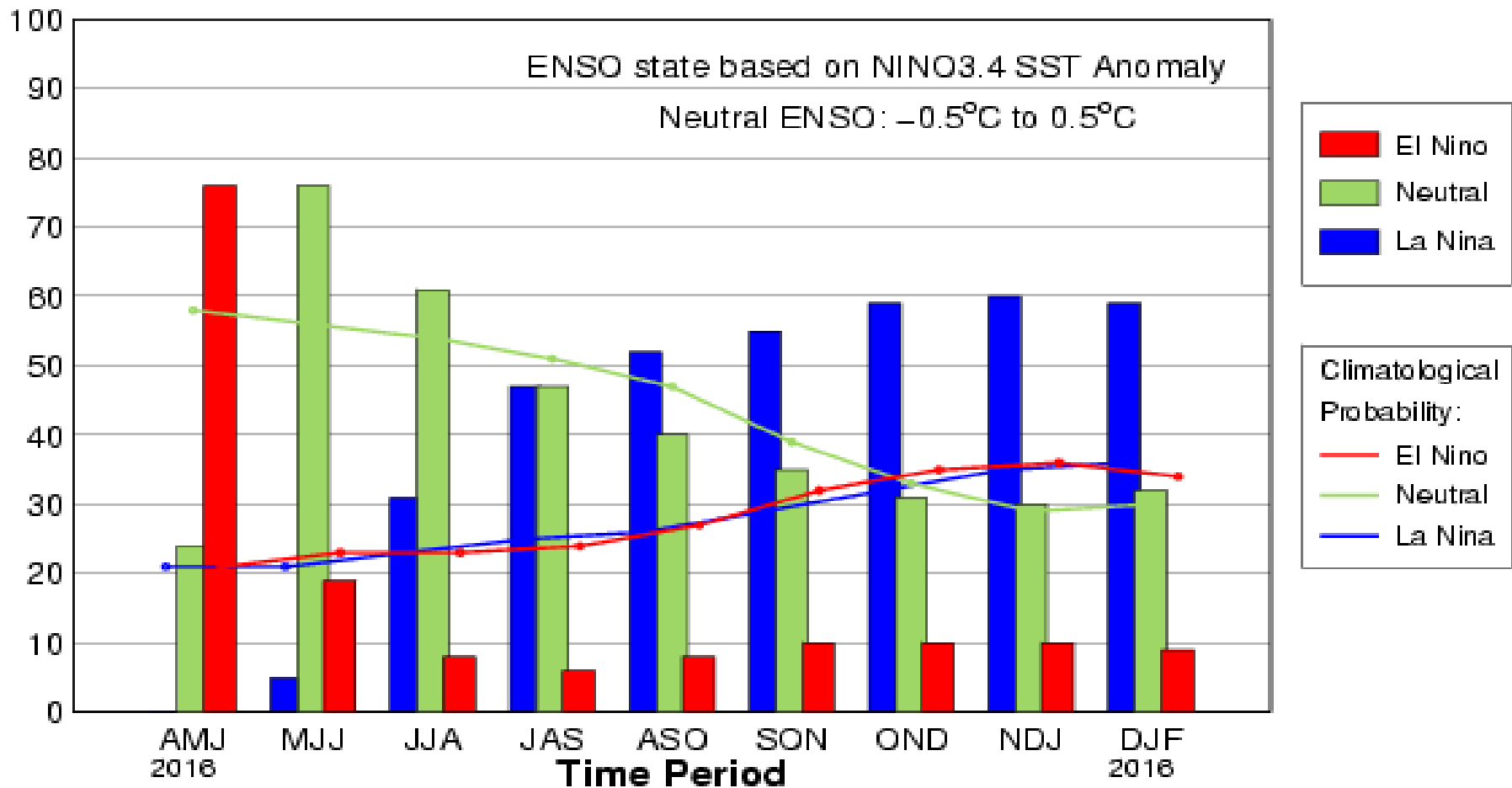


After a dry March

ENSO Forecast from April through the winter of 2016

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

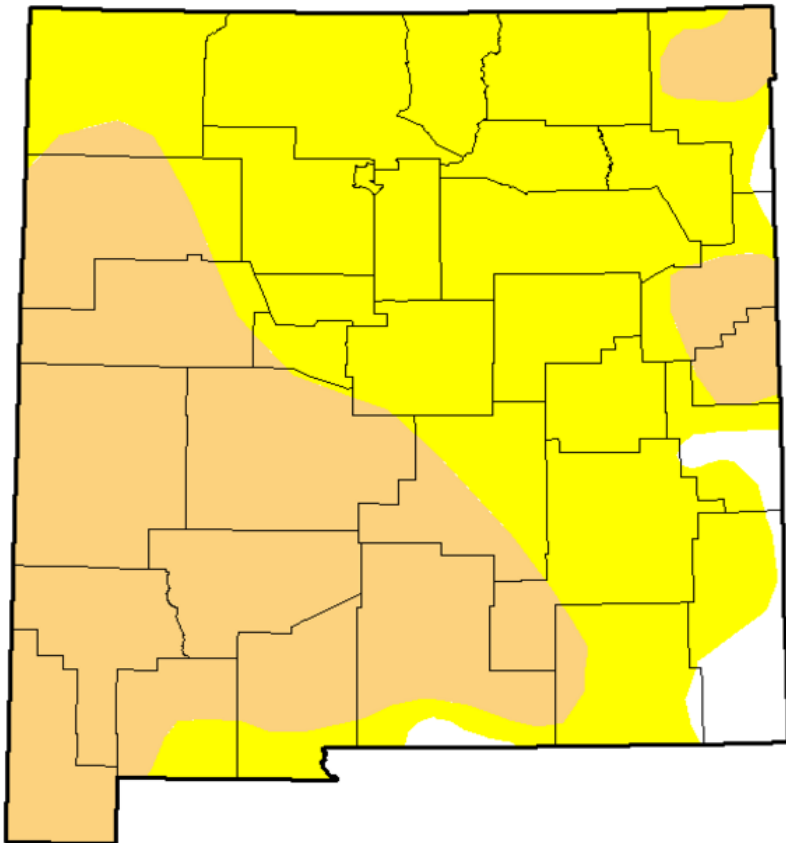
Mid-April IR/CPC Model-Based Probabilistic ENSO Forecast



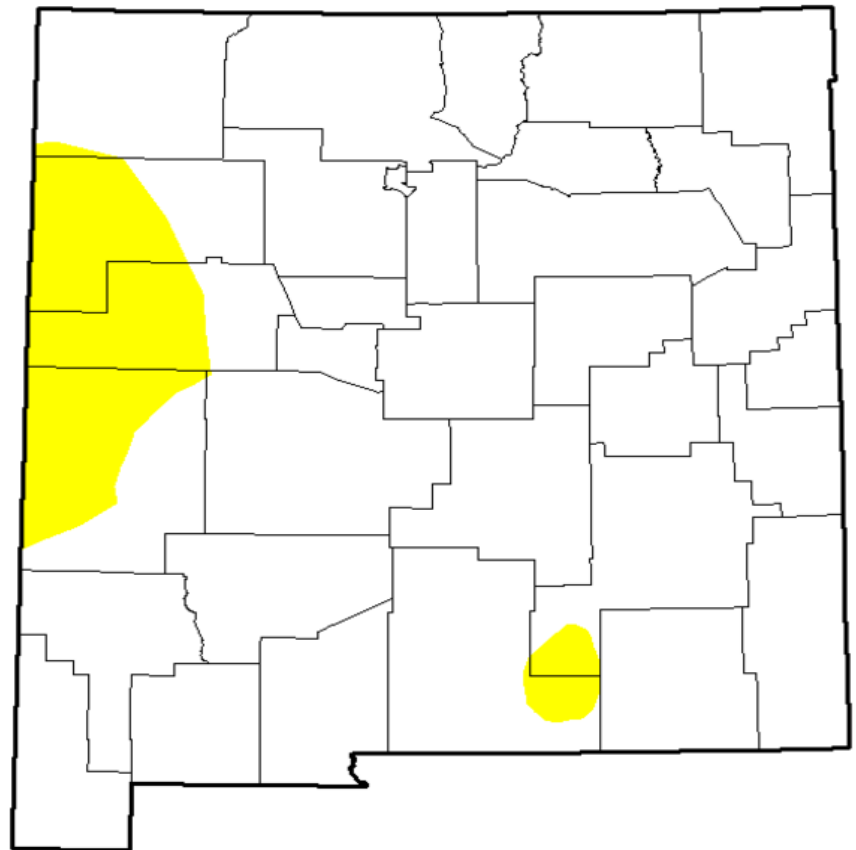
Current drought conditions for New Mexico and 3 month change

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

April 26, 2016








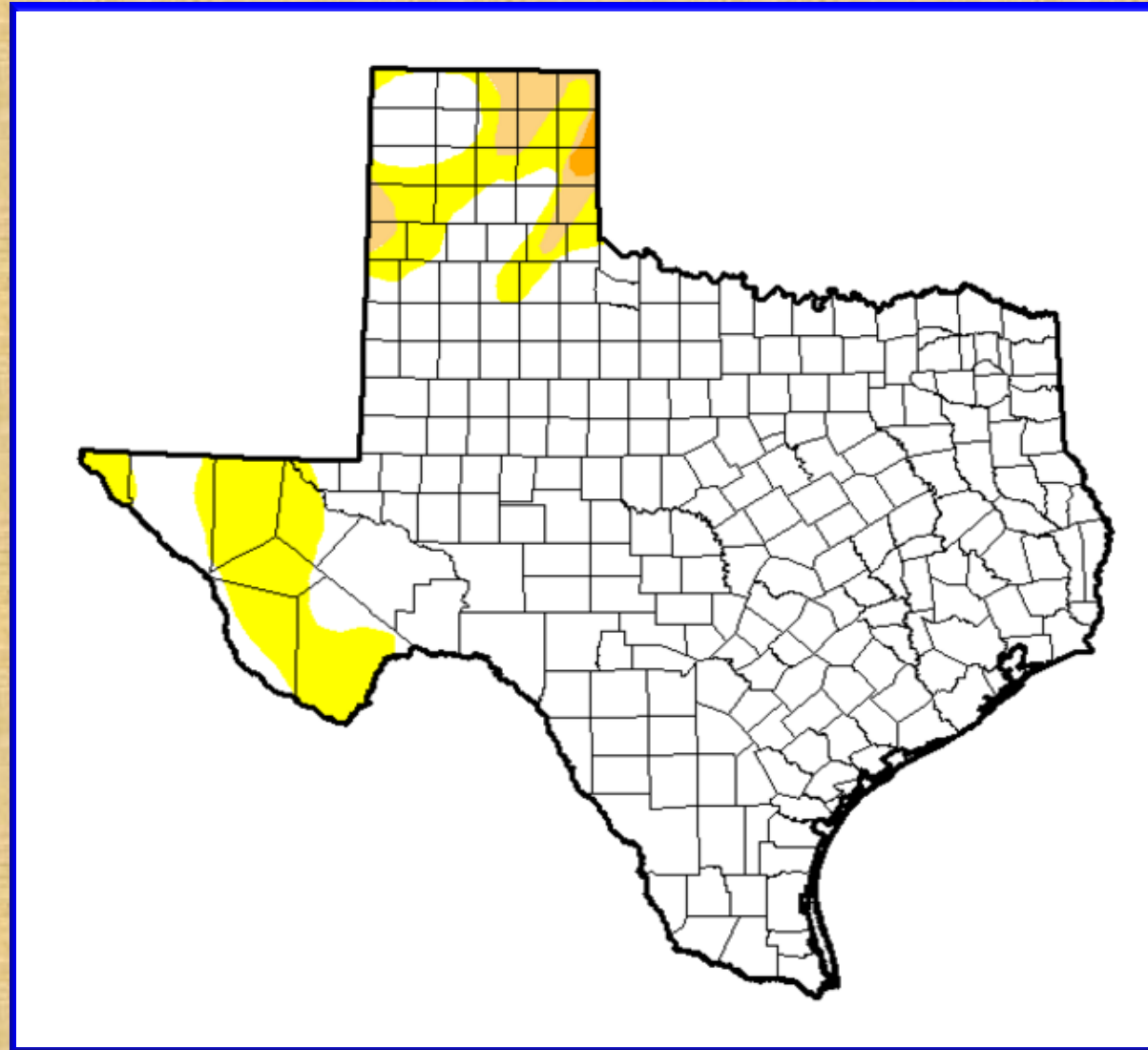
January 26, 2016



Current drought conditions for Texas as of April 26, 2016

Intensity:

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



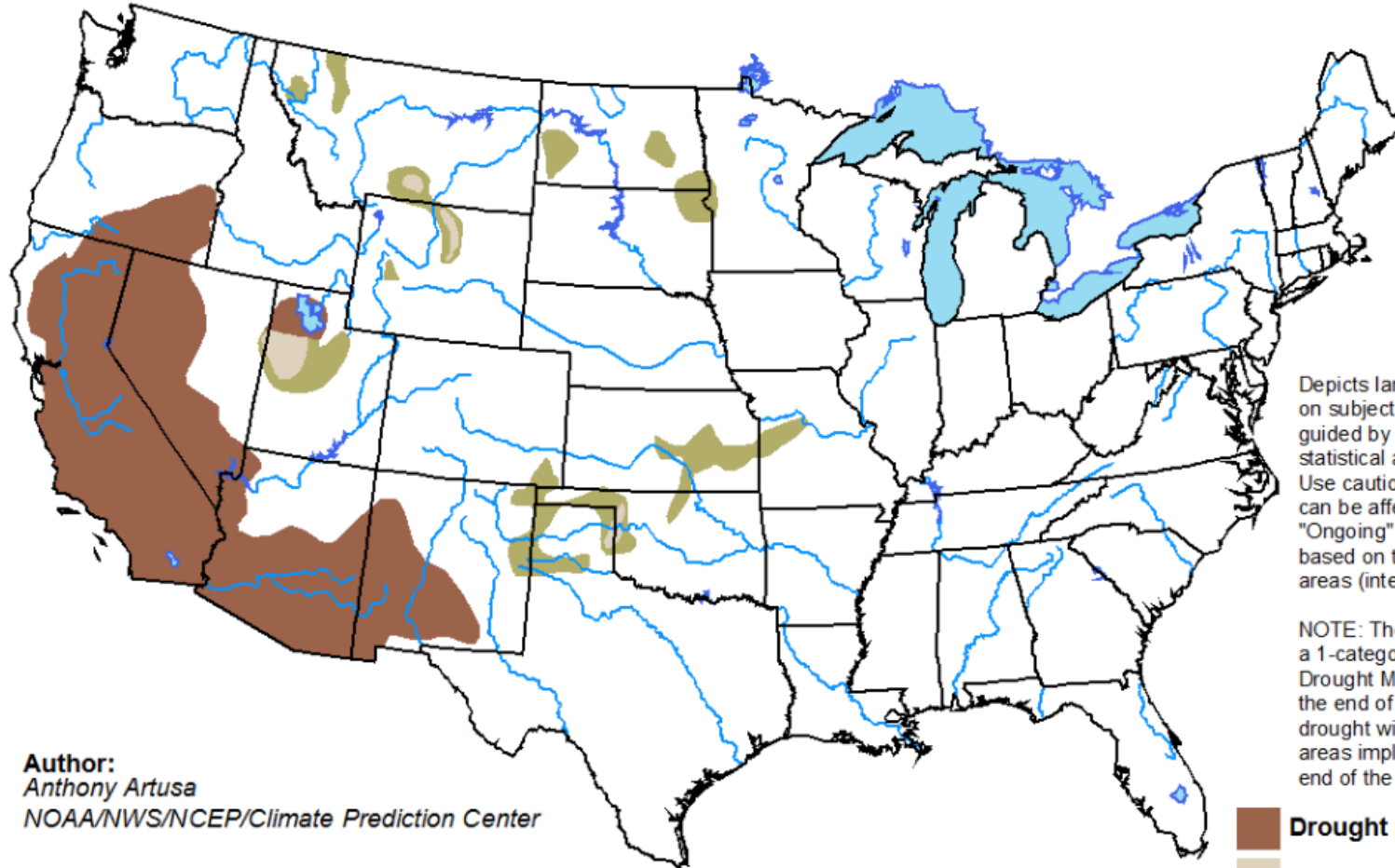
Build your own custom slider maps here at:

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

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period





Valid for April 21 - July 31, 2016
Released April 21, 2016

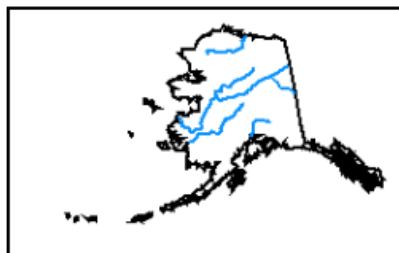


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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

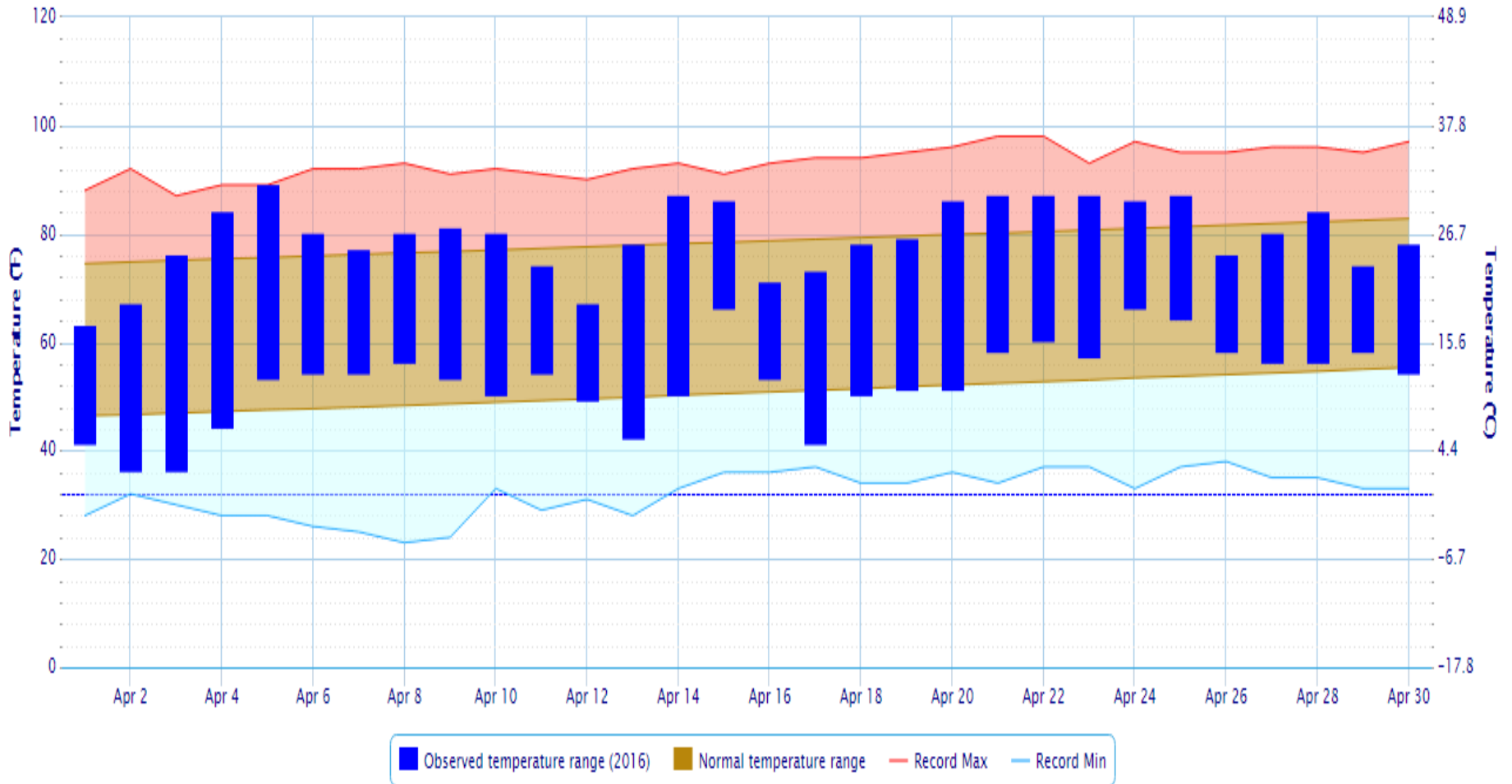


<http://go.usa.gov/3eZ73>

Daily temperature data for April 2016 in El Paso

Daily Temperature Data - EL PASO INTL AP, TX

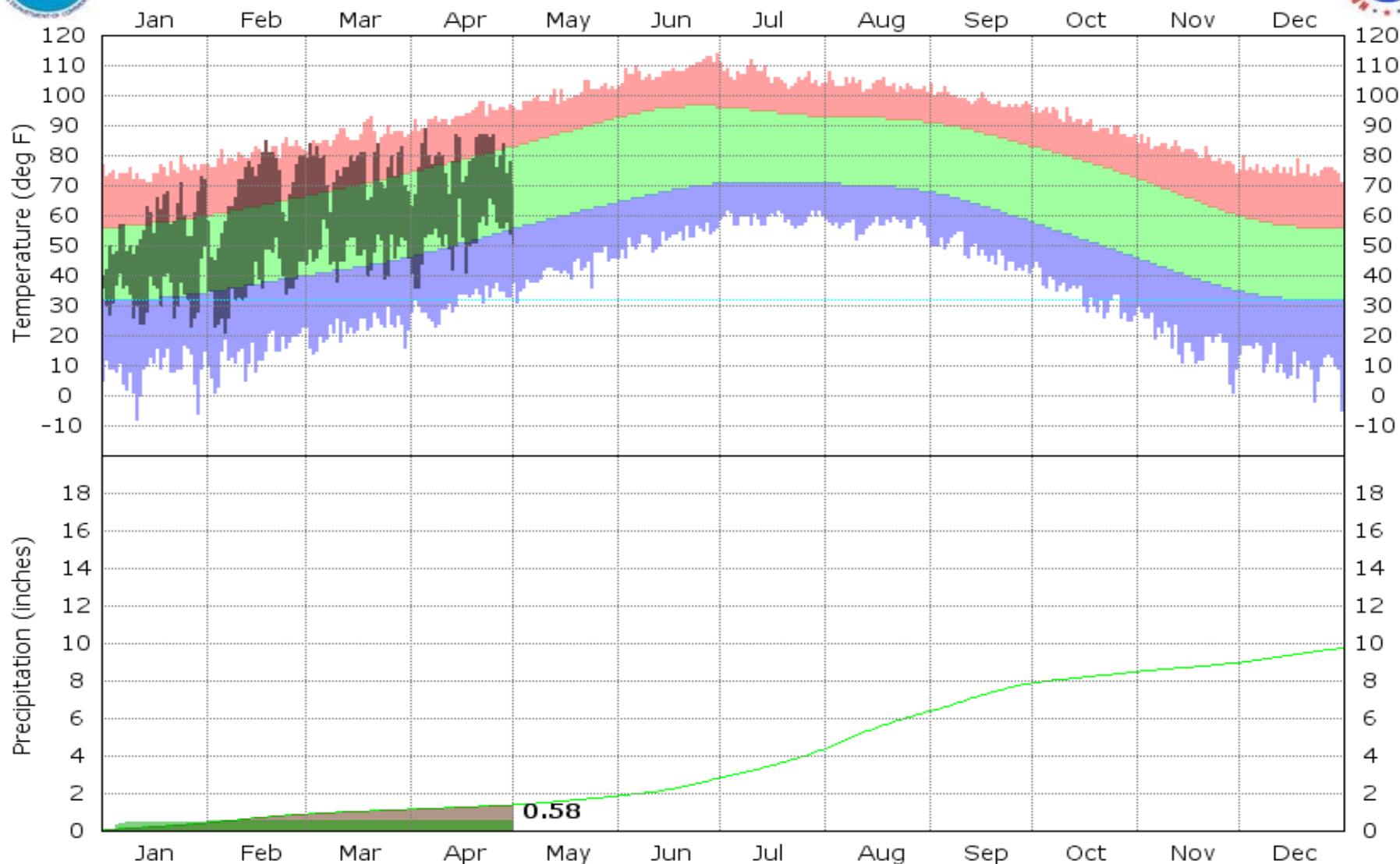
Period of Record - 1942-12-01 to 2016-05-02. Normals period: 1981-2010. Click and drag to zoom chart.



Daily temperature/precipitation data for April in El Paso

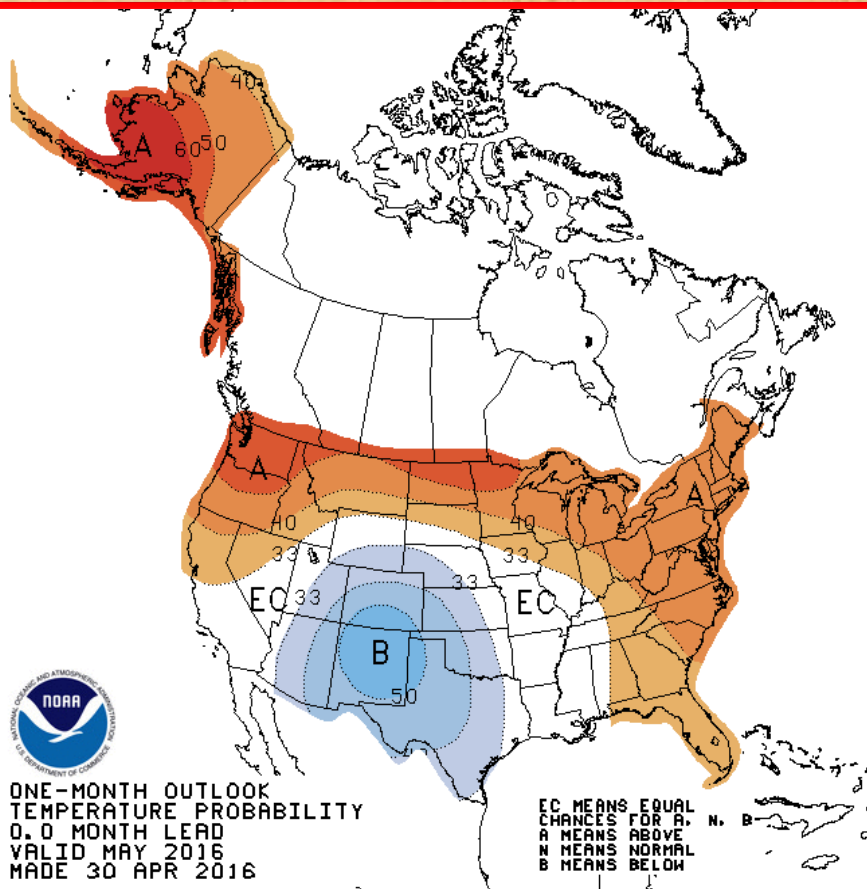


El Paso TX - 2016

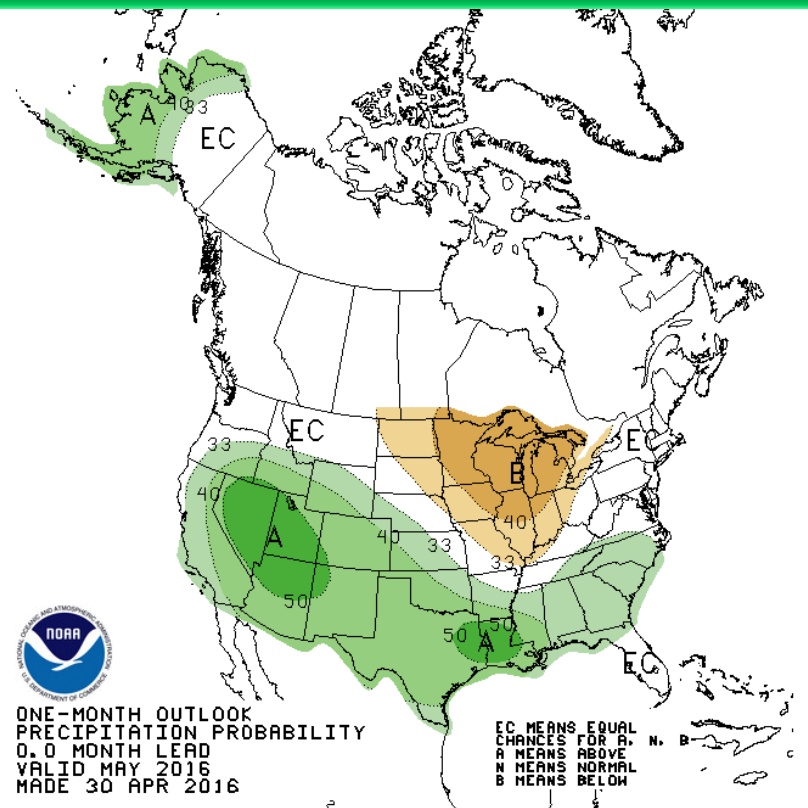


Temperature and precipitation outlook for May 2016

Temperature

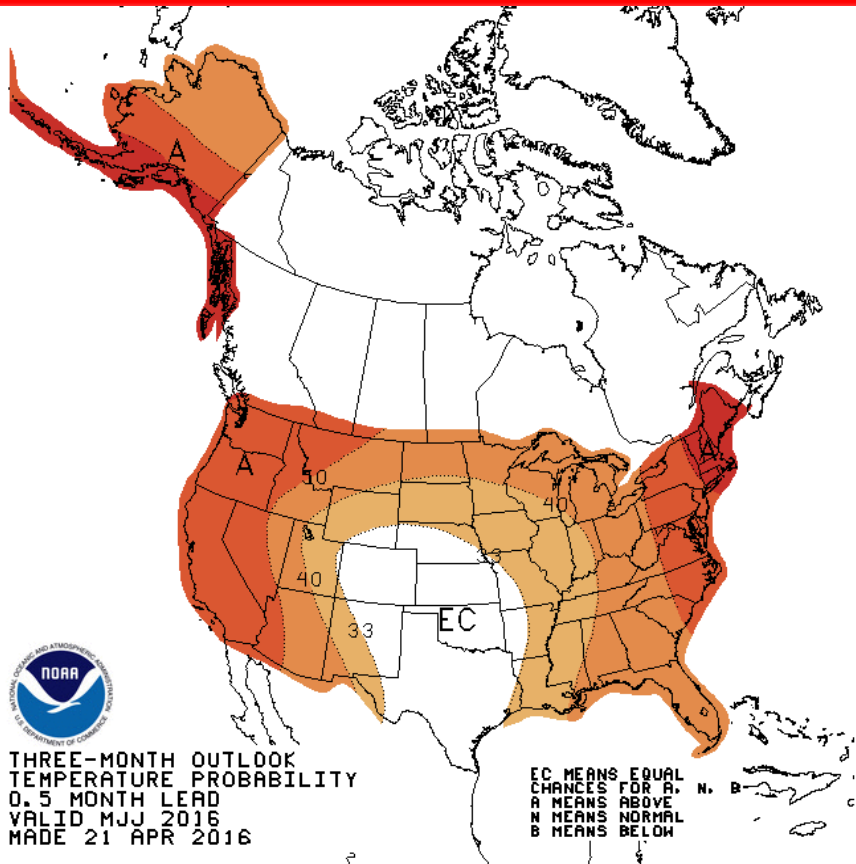


Precipitation

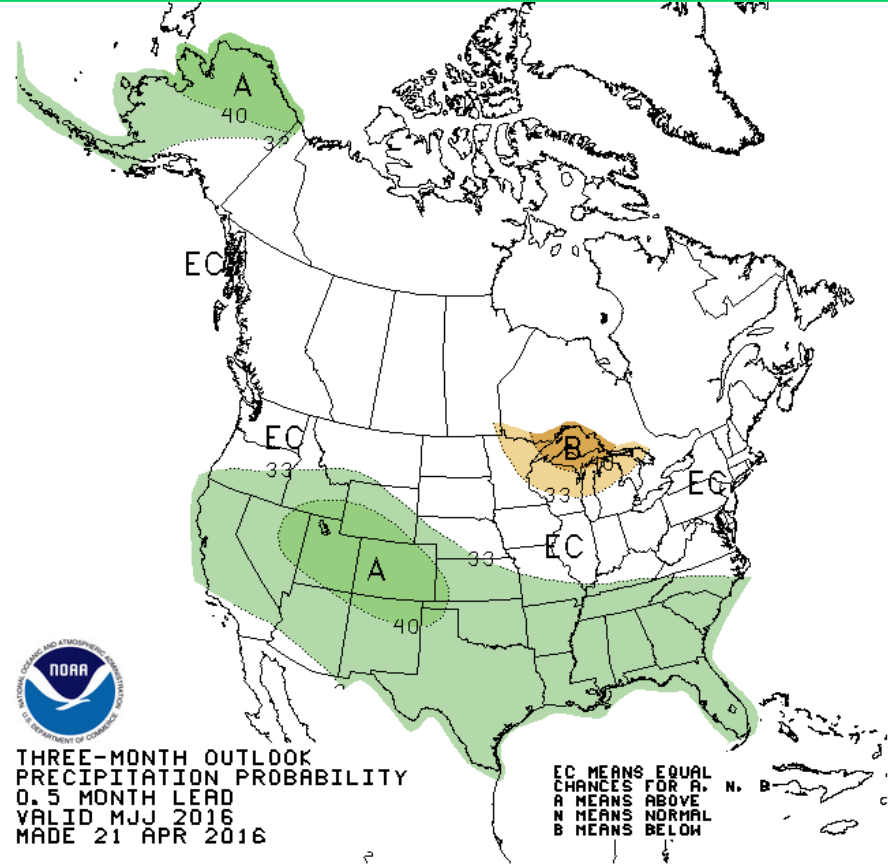


Temperature and precipitation outlook for May – Jul 2016

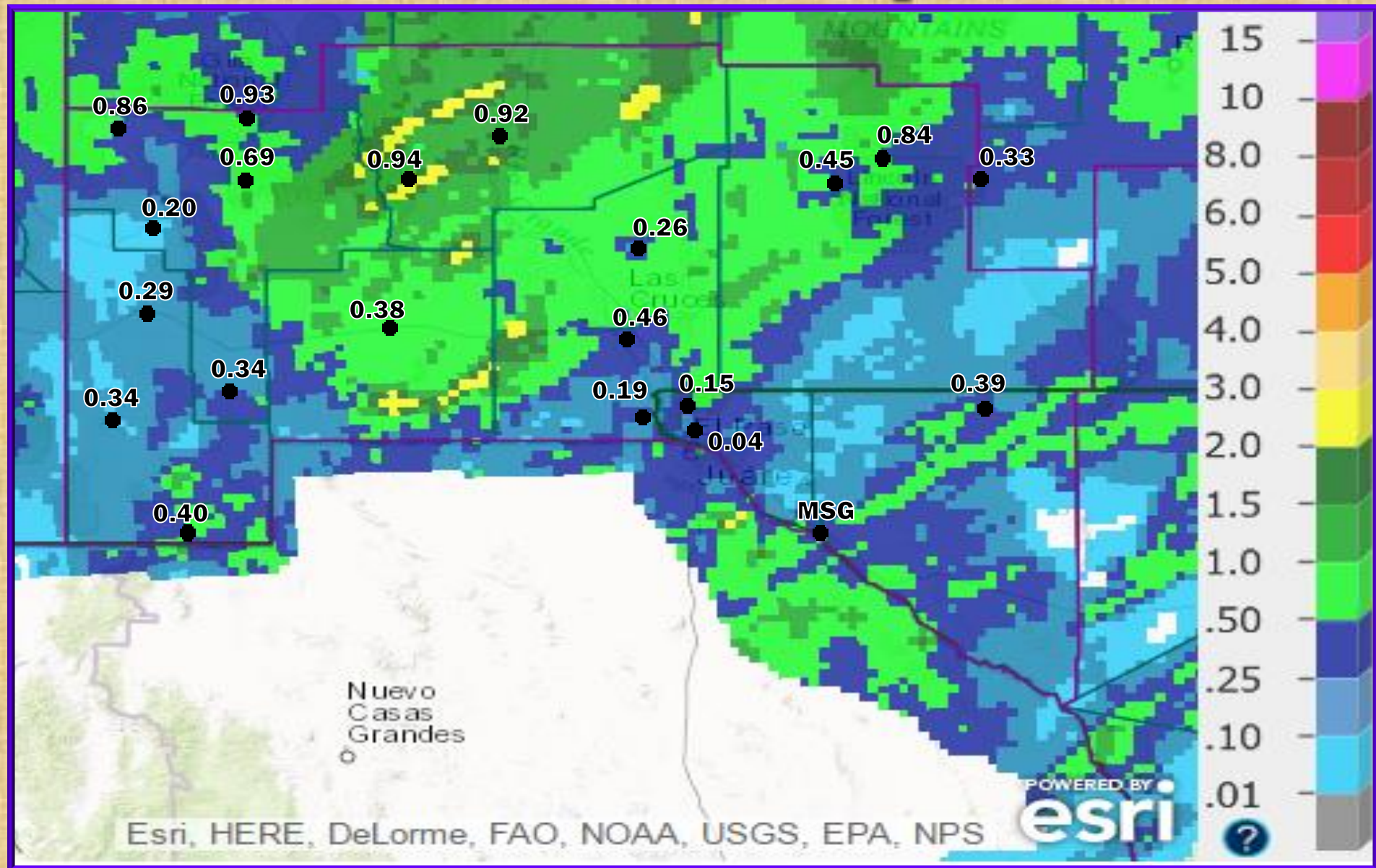
Temperature



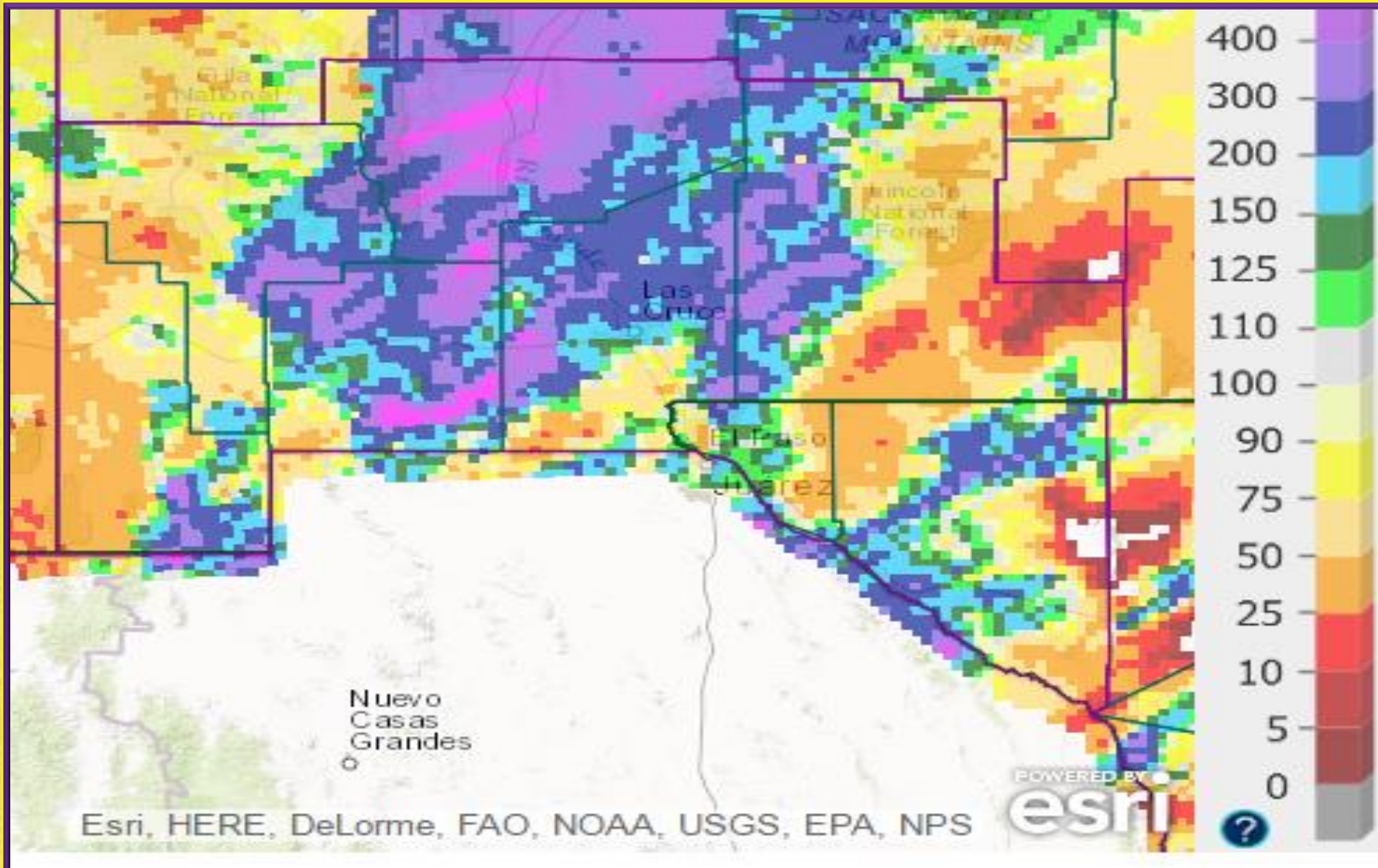
Precipitation



April 2016 radar rainfall estimate with surface rainfall reports

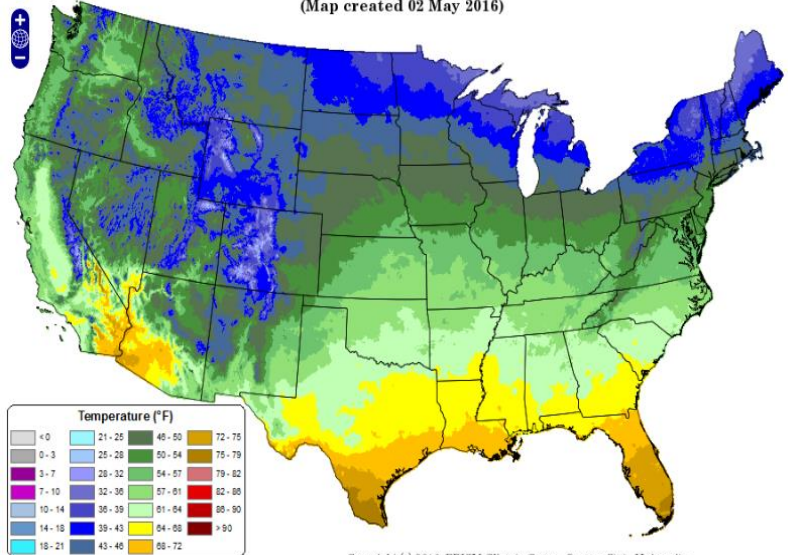


April 2016 Radar Rainfall Estimate (Percent of normal)

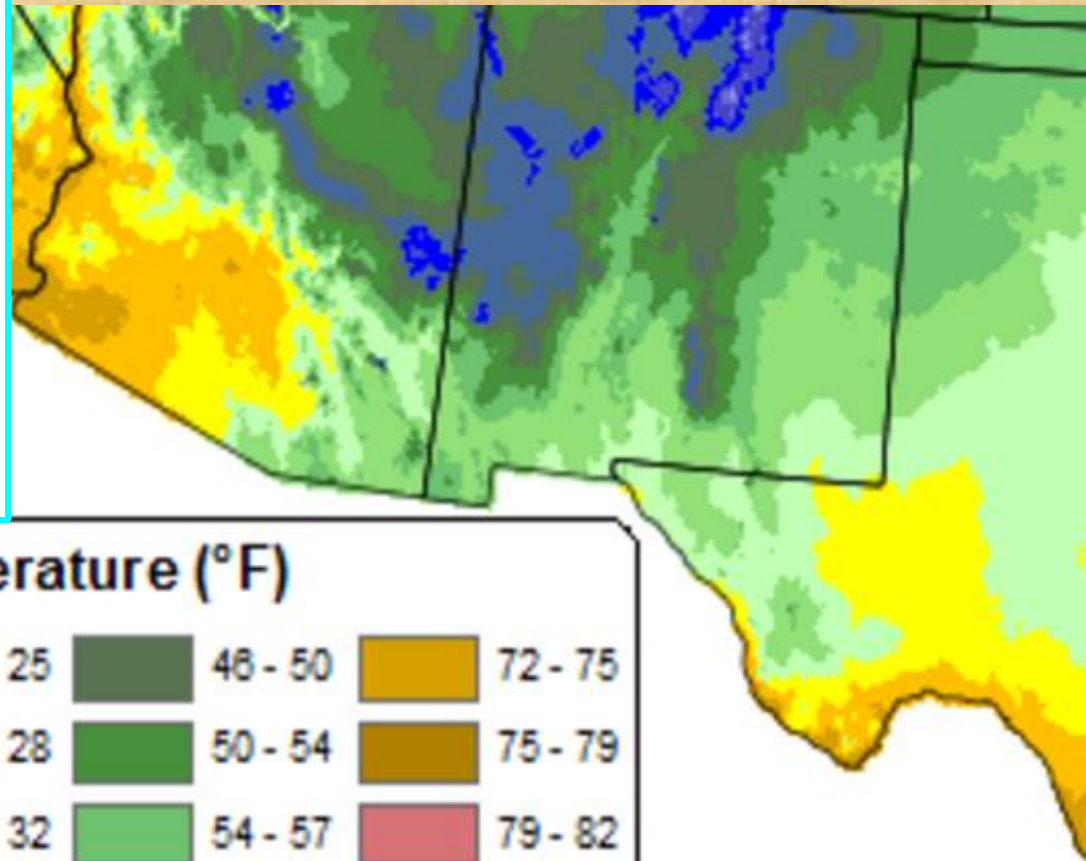


Average Daily Mean Temperature for April 2016

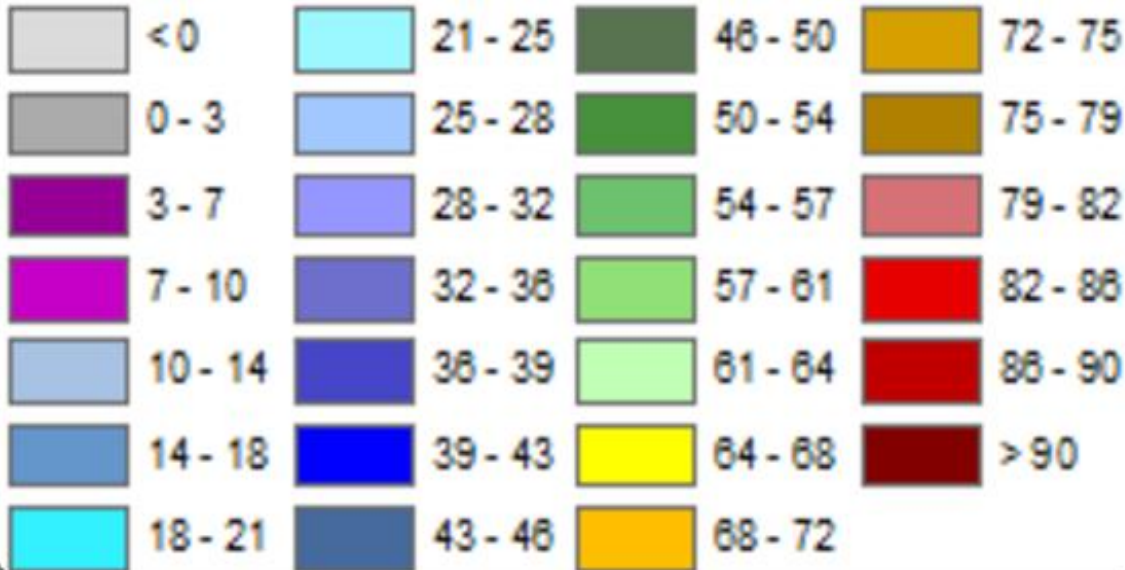
Average Daily Mean Temperature: April 2016
 Period ending 7 AM EST 30 Apr 2016
 (Map created 02 May 2016)



Copyright (c) 2016, PRISM Climate Group, Oregon State University



Temperature (°F)



Copyright (c) 2016
 PRISM Climate Group
 Oregon State University

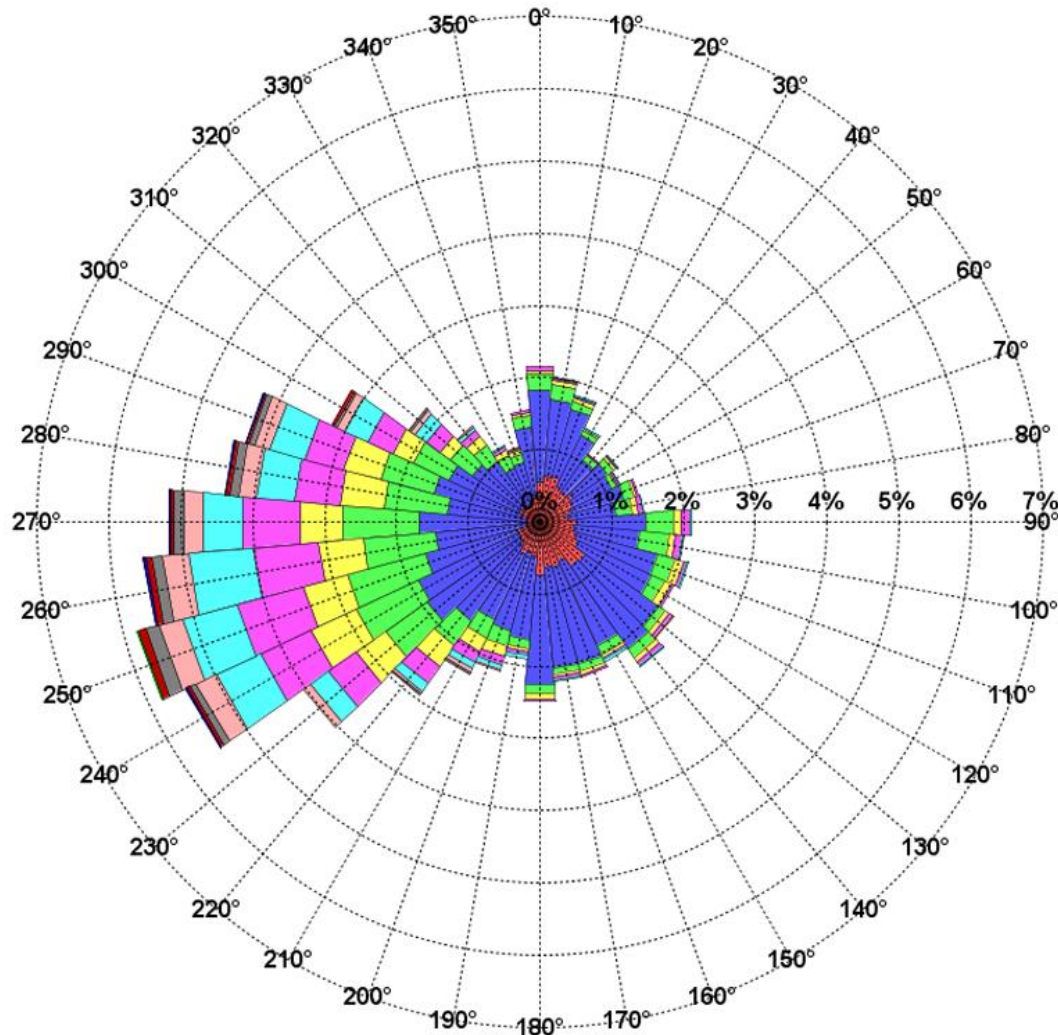
Special Features

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

Month: APRIL
Calm: 6.66%
Variable: 2.29%

WindRose - KELP - EL PASO INTL
% Frequency of Wind Speed from a Direction
POR:19730101-20140602

- 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 April 2016

Date/Time	Location (County)	Event
04/25/16 450 PM	SAN AUGUSTIN PASS-DOÑA ANA	66 MPH PEAK WIND
04/25/16 555 PM	WSMR MAIN POST-DOÑA ANA	52 MPH PEAK WIND
04/25/16 700 PM	CHAPARRAL-DOÑA ANA	50 MPH PEAK WIND
04/25/16 559 PM	REDROCK-GRANT	47 MPH PEAK WIND
04/25/16 535 PM	DEMING KDMN-LUNA	51 MPH PEAK WIND
04/25/16 320 PM	TULAROSA-OTERO	52 MPH PEAK WIND
04/25/16 320 PM	TRUTH OR CONSEQUENCES KTCS-SIERRA	52 MPH PEAK WIND
04/16/16 440 PM	SAN AUGUSTIN PASS-DOÑA ANA	68 MPH PEAK WIND
04/16/16 340 PM	HACHITA - HIDALGO	54 MPH PEAK WIND
04/16/16 507 PM	HIGH ROLLS - OTERO	53 MPH PEAK WIND
04/16/16 524 PM	NE EL PASO	56 MPH PEAK WIND

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

Home Site Map News Organization Search for: NWS All NOAA

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

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	