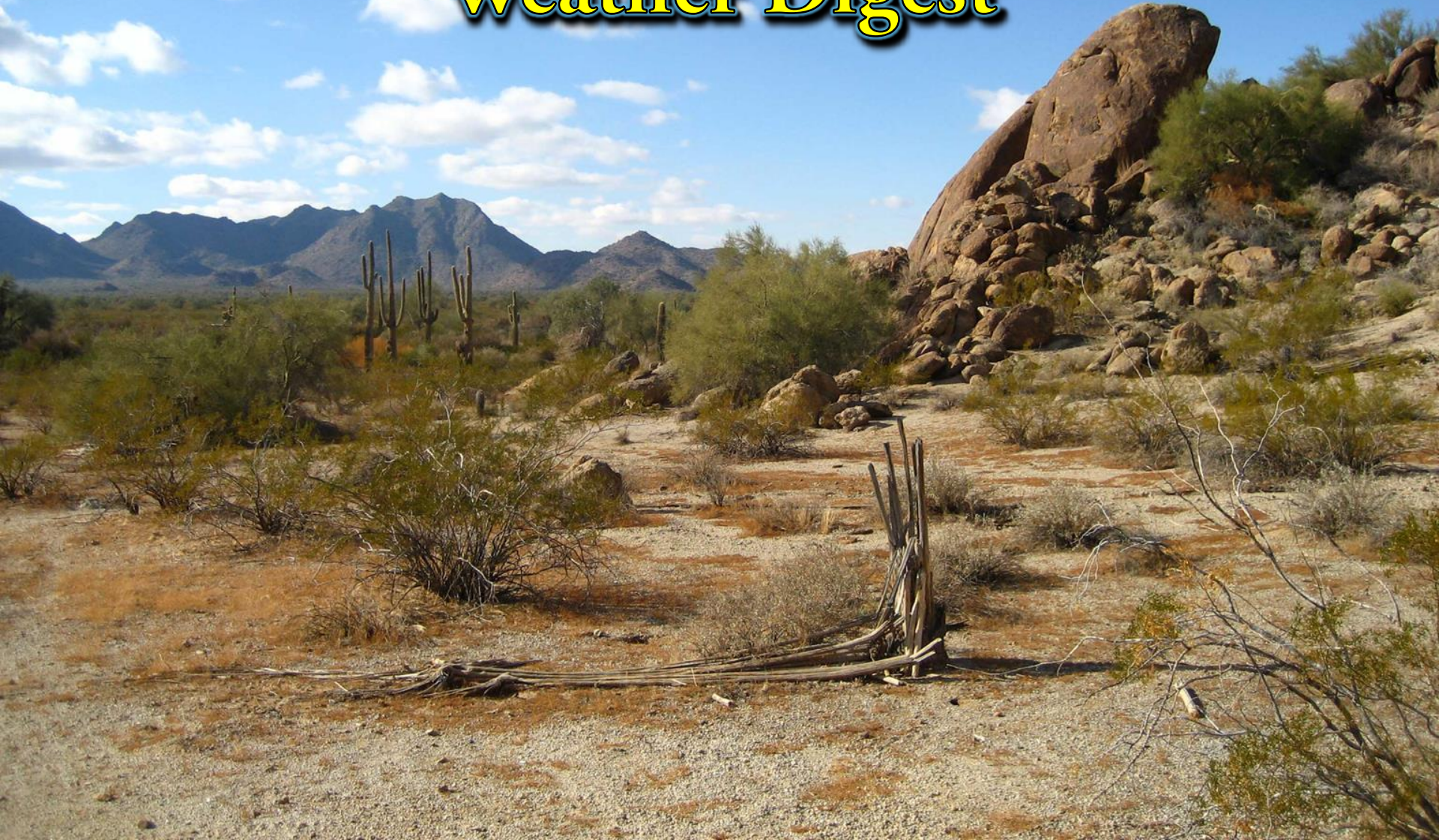


November 2016 Weather Digest



November 2016 Weather Summary

November turned out to be a mild, quiet month overall, with excitement at the beginning and end of the month. Temperatures were above normal, but this was due mostly to warm lows. Average high temperatures were just a bit above normal, but average low temperatures were well above normal. In fact most places saw their first freezing temperatures about 2 to 3 weeks later than normal.

The excitement came in the form of severe weather at the beginning and winter weather (finally) at the end. On November 3rd an upper low moved over Arizona while at the surface, a cold front moved in from the east. This created an unstable airmass with strong flow aloft, all good ingredients for severe weather. Heavy rains fell across parts of the Gila Wilderness and Sierra County Lakes early on the morning of the 4th, while later that afternoon and evening the heavy rains spread further east over Dona Aña County and the El Paso metro area. Large hail accompanied the rain in many of these areas, and downtown El Paso and much of it's freeway system came to a standstill for a few late afternoon hours as hail plugged the drainage system, allowing flash flooding to occur.

Weather Summary (cont'd)

Most of the rest of November came and went without incident until the very end, when a strong upper low swept across northern New Mexico. This system brought cooler air in with it along with scattered showers. The mountains experienced their first significant snows of the season, with the Gila Wilderness receiving 1 to 2 inches and the Sacramento Mountains receiving 2 to 4 inches. And once the skies cleared, much of the area saw their coldest temperatures of the season on the last morning of the month.

El Paso Nov 4



El Paso Nov 4



El Paso Nov 4



El Paso Nov 4



El Paso Nov 4



El Paso Nov 5



El Paso Nov 4



El Paso Nov 4



El Paso Nov 4

KFOX14
SEVERE
WEATHER TEAM
05:47:39 PM

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El Paso Nov 5



El Paso Nov 4



abc 7 El Paso Nov 4 7:00 PM ALERT
EAST EL PASO



Courtesy: Victoria Gonzalez

El Paso Nov 4 Aftermath



El Paso Nov 4 Aftermath



Las Cruces Nov 4



Las Cruces Nov 5



Las Cruces Nov 5



Funnel Cloud Nov 5 near Hueco Mtns



Super Moon Nov 14



Near Santa Teresa, NM



Near Santa Teresa, NM



Southern New Mexico

Cloudfcroft Nov 28



Cloudfcroft Nov 28



Cloudfcroft Nov 28

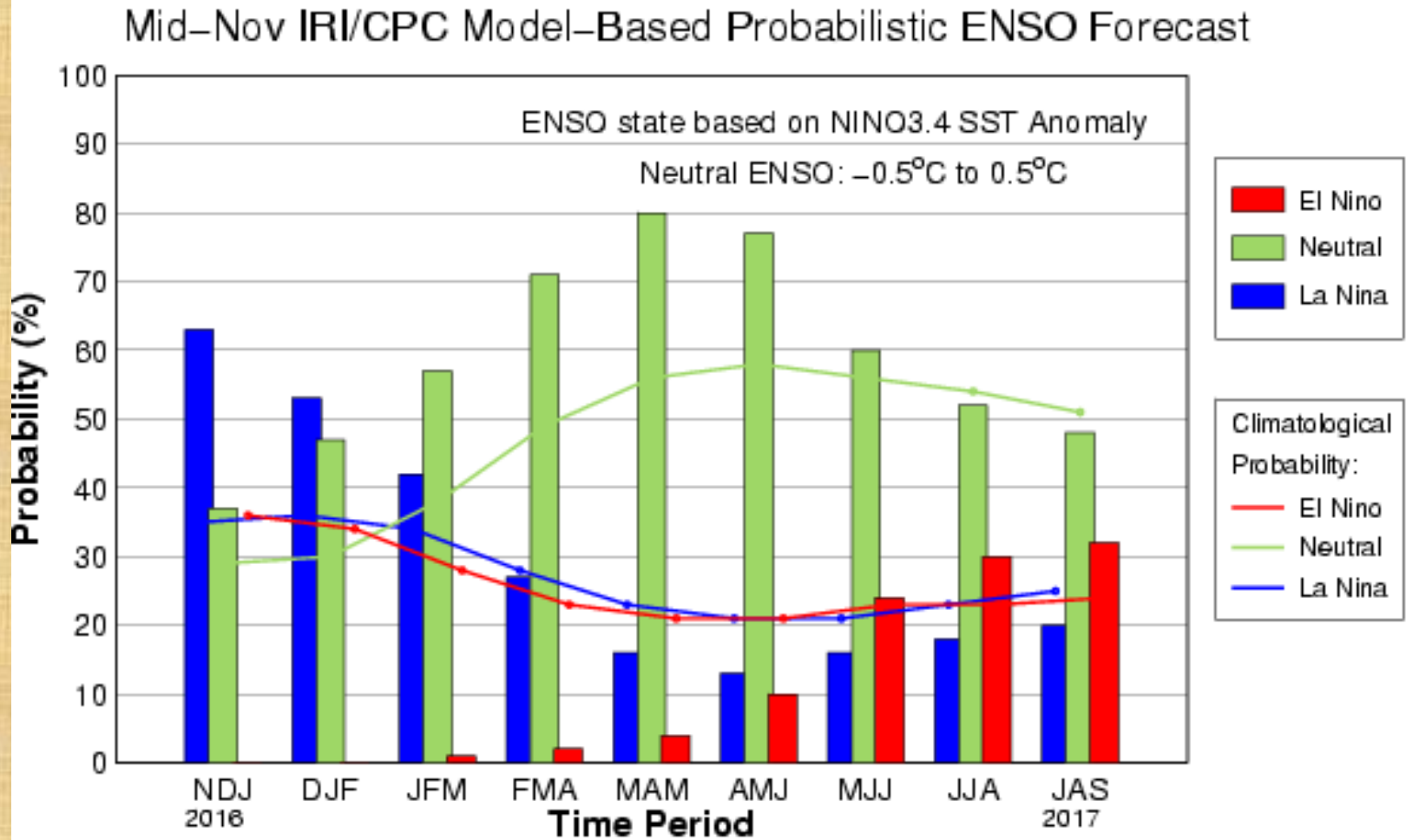


Silver City Nov 28



ENSO Forecast from November through the end of summer of 2017

ENSO IS NOW IN A **WEAK LA NIÑA** EPISODE FOR THE BEGINNING OF WINTER; THEN REVERTING BACK TO **NEUTRAL** BY LATE WINTER



La Niña Advisory in effect

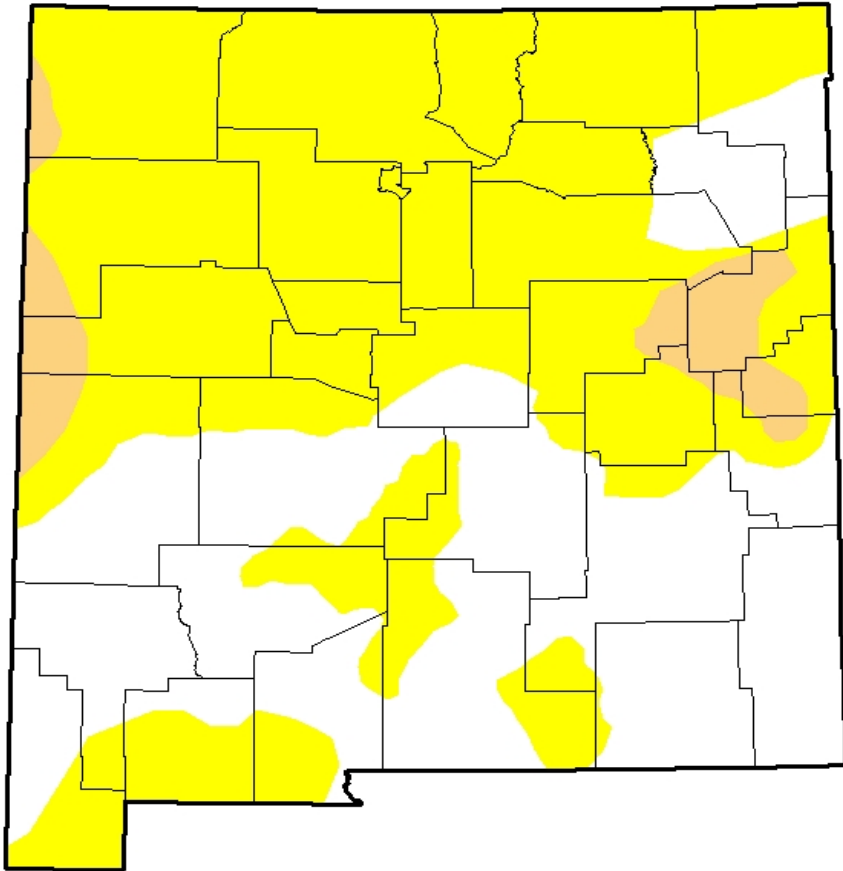
ENSO Alert System

- **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.

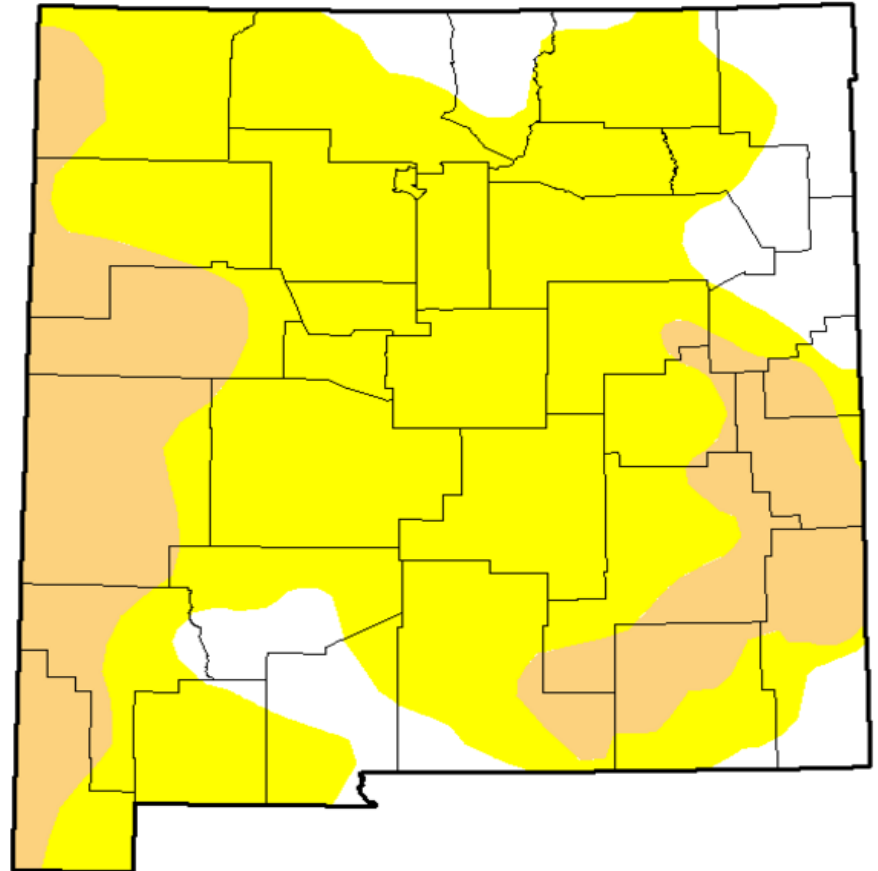
Current drought conditions for New Mexico and 3 month change

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

November 22, 2016








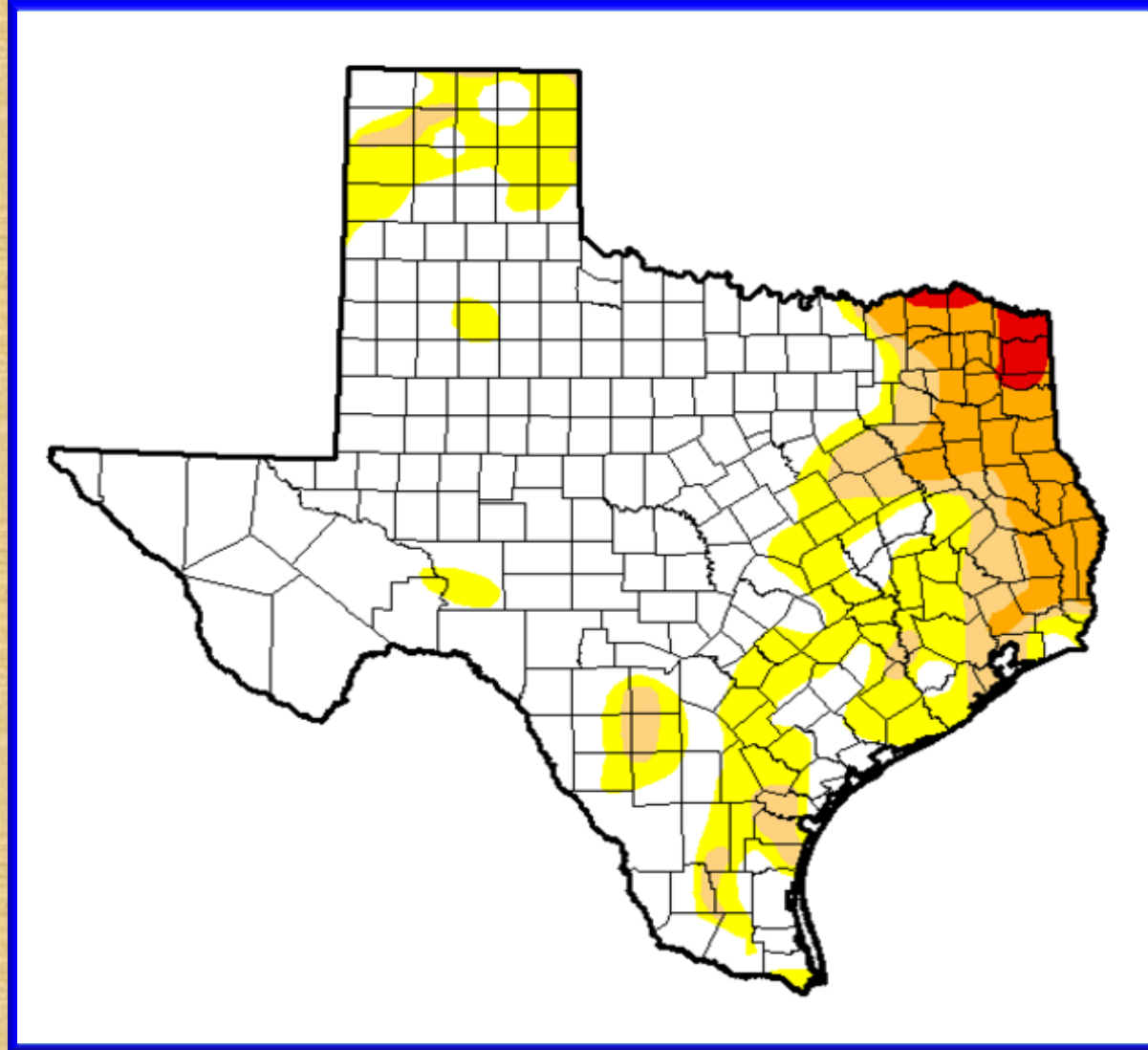
August 30, 2016



Current drought conditions for Texas as of November 22, 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:

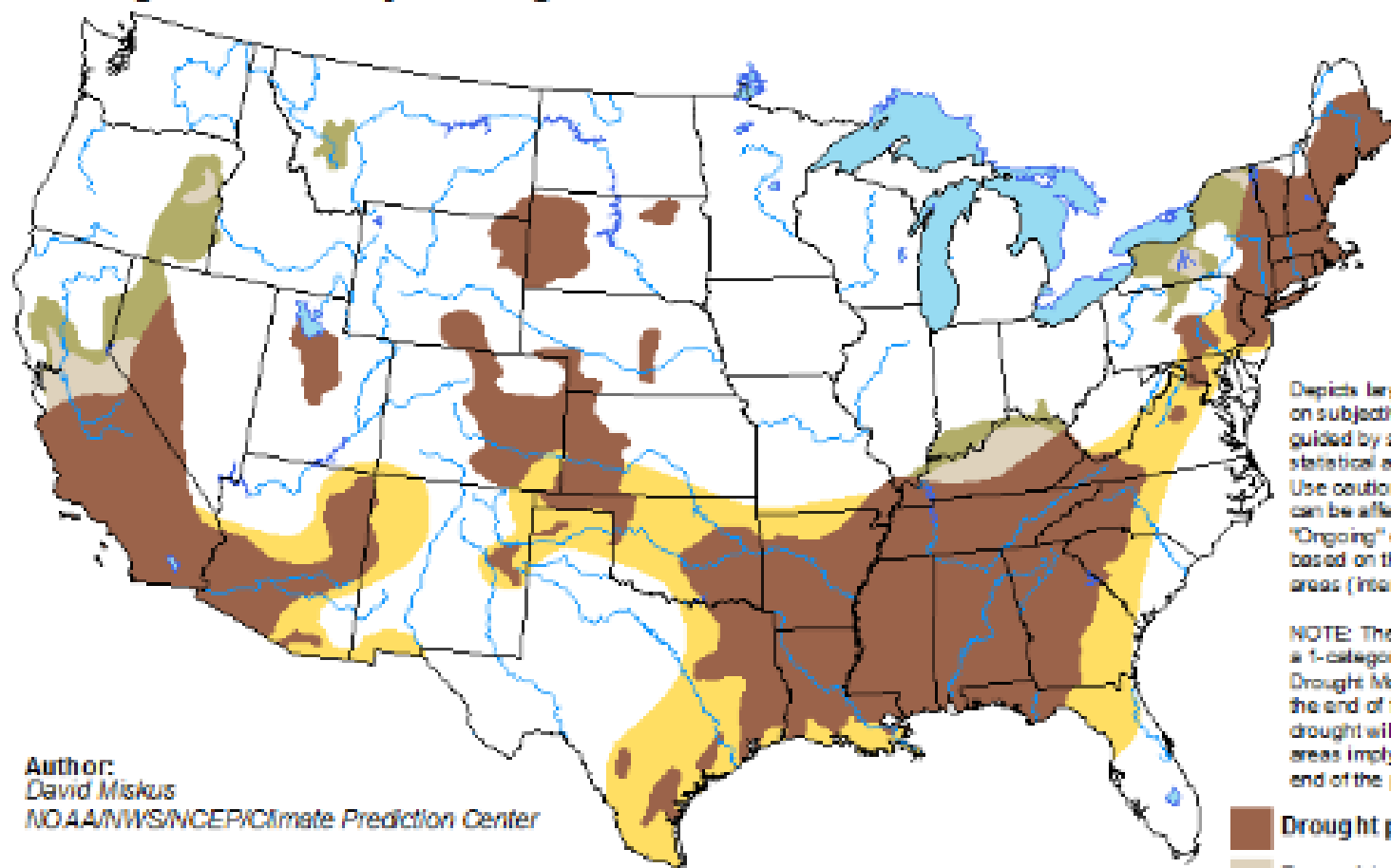
<http://droughtmonitor.unl.edu/MapsandData/ComparisonSlider.aspx>

U.S. Seasonal Drought Outlook

Valid for November 17 - February 28, 2017

Drought Tendency During the Valid Period





Released November 17, 2016

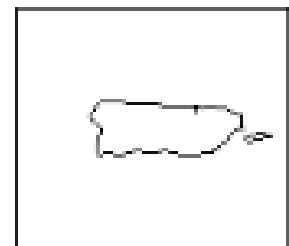
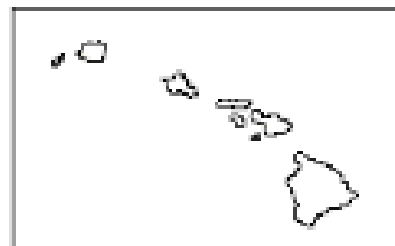
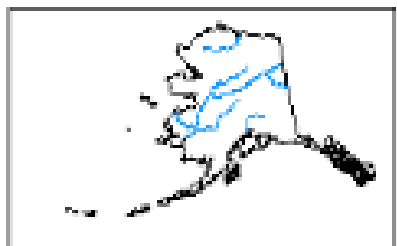


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short-lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

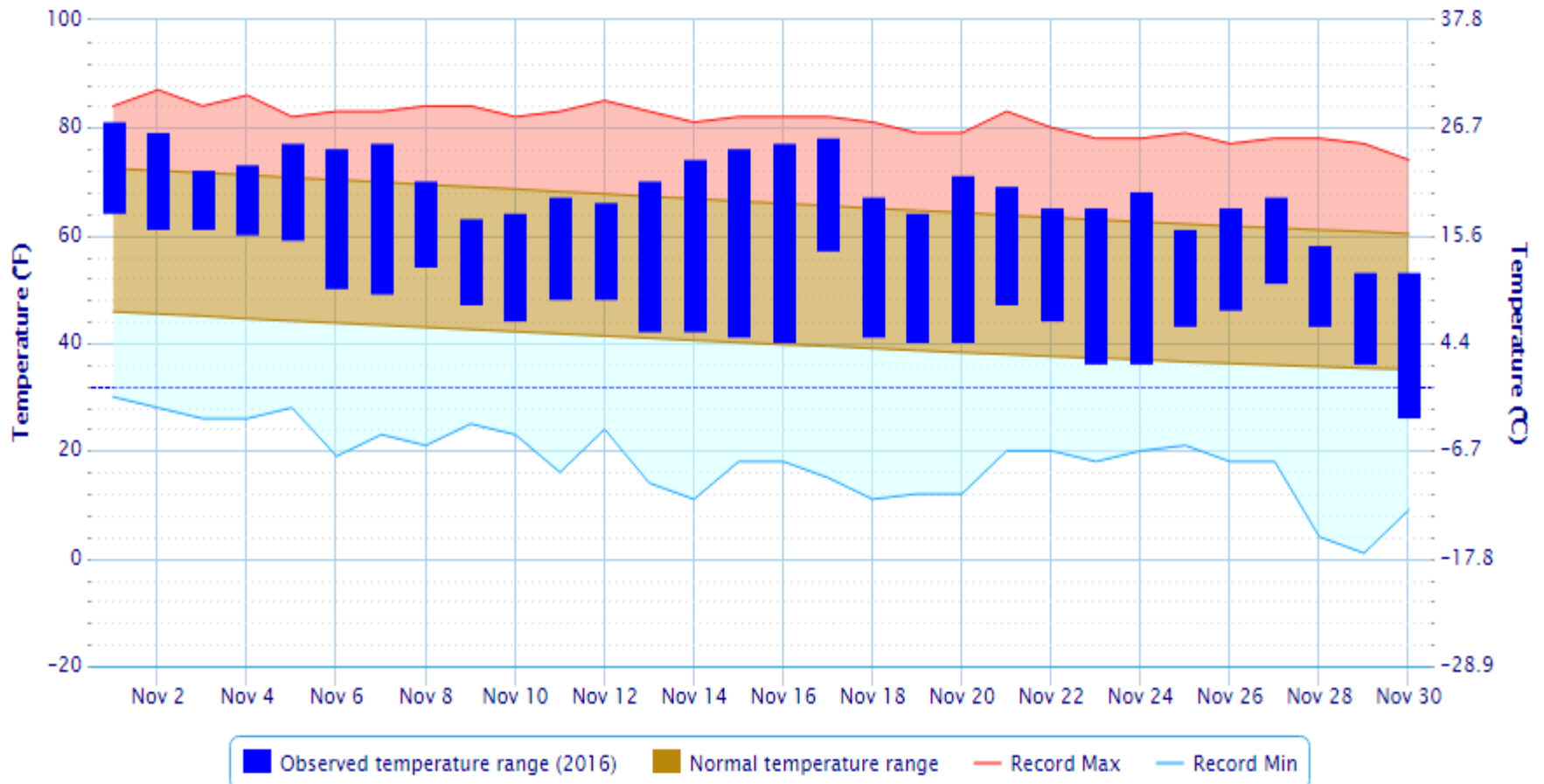


<http://go.usa.gov/3eZ73>

Daily temperature data for November 2016 in El Paso

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

Period of Record – Max temperature: 1887-01-01 to 2016-11-30; Min temperature: 1879-01-01 to 2016-11-30. Normals period: 1981-2010. Click and drag to zoom chart.



Daily temperature/precipitation data YTD through November in El Paso



El Paso TX - 2016

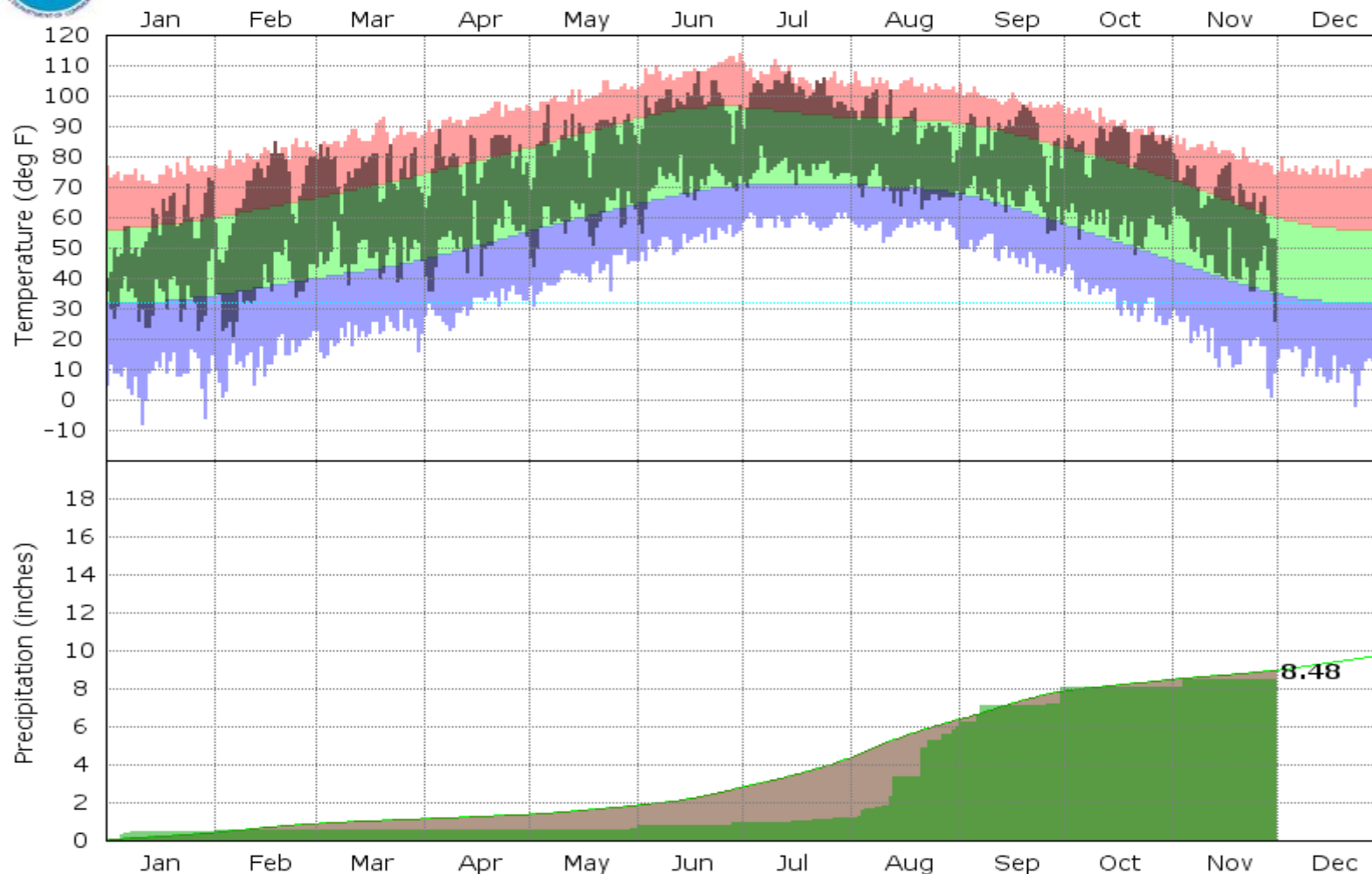
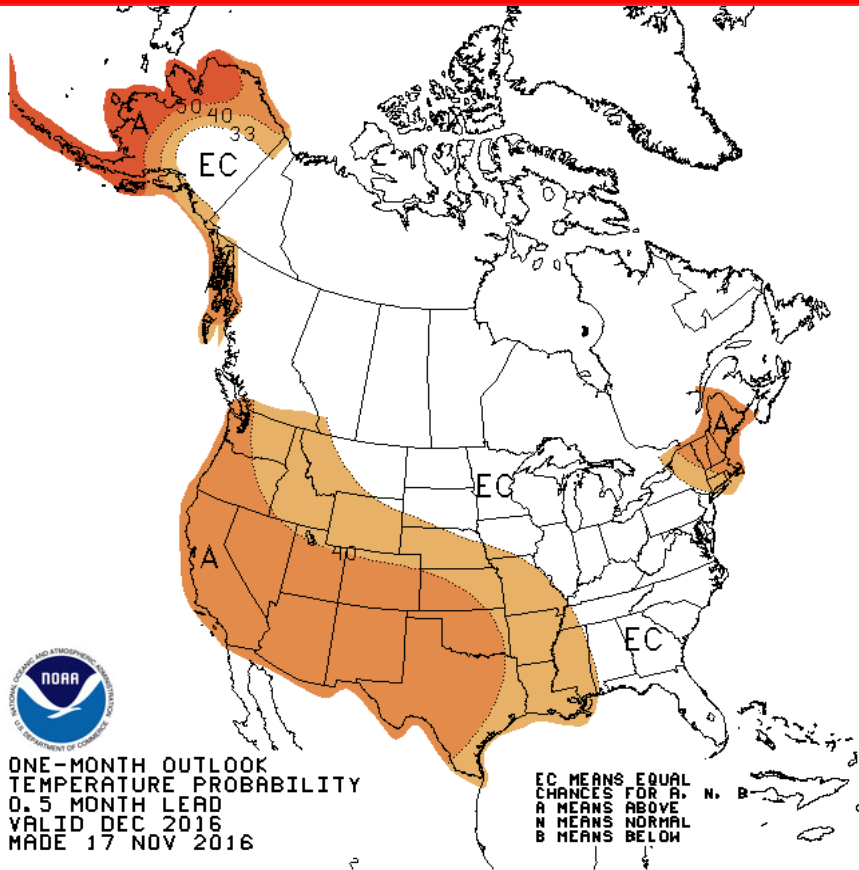


Image created: Thu, 1 Dec 2016 15:08 GT

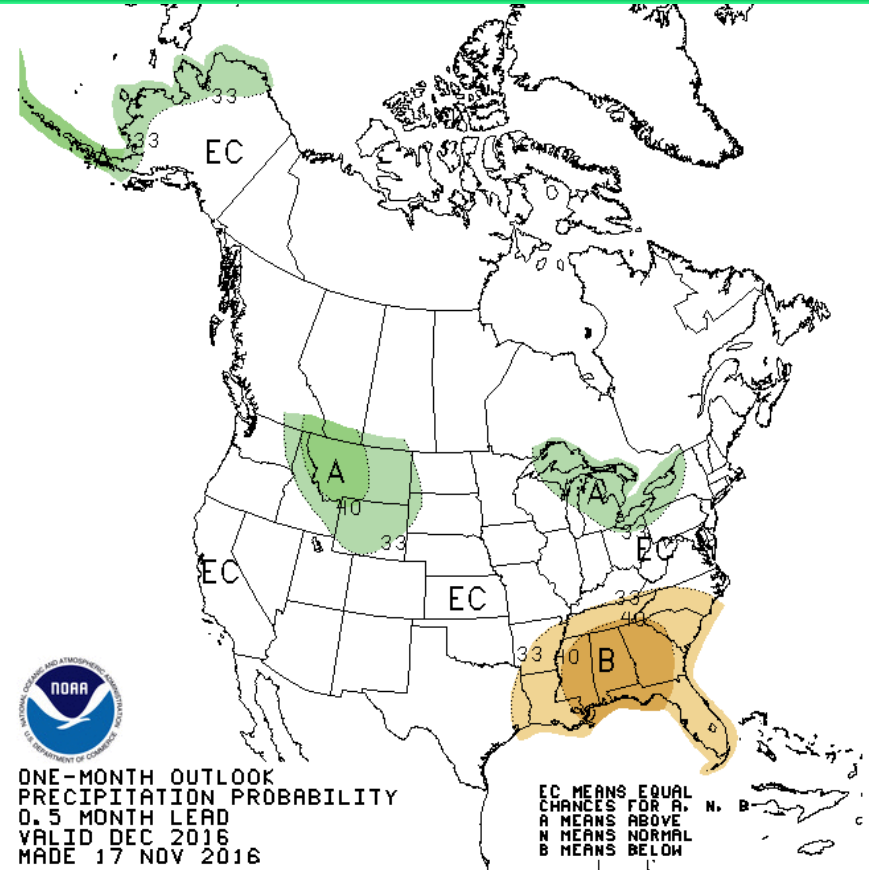
Temperature and Precipitation Plot for El Paso, Texas for 2016

Temperature and precipitation outlook for December 2016

Temperature

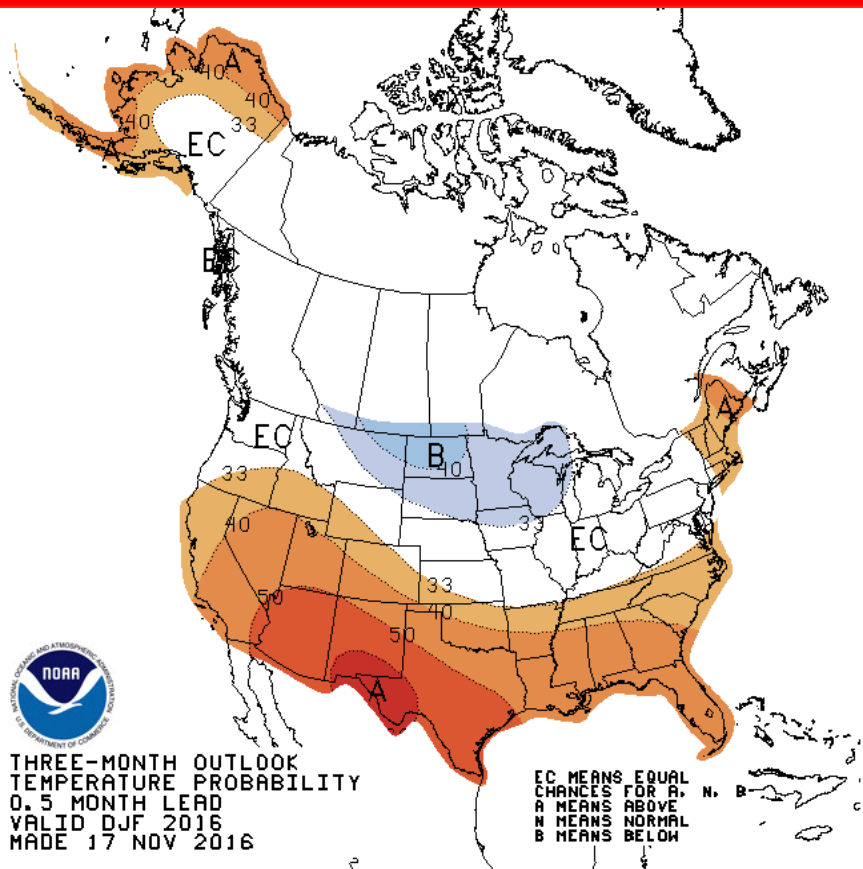


Precipitation

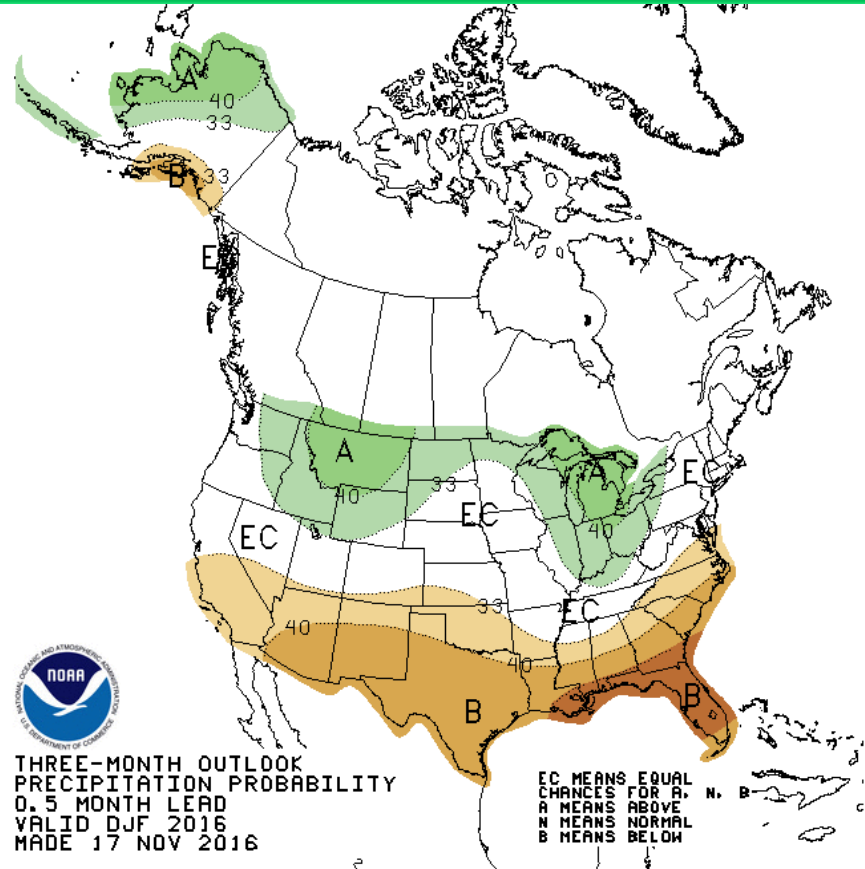


Temperature and precipitation outlook For Dec – Feb 2016

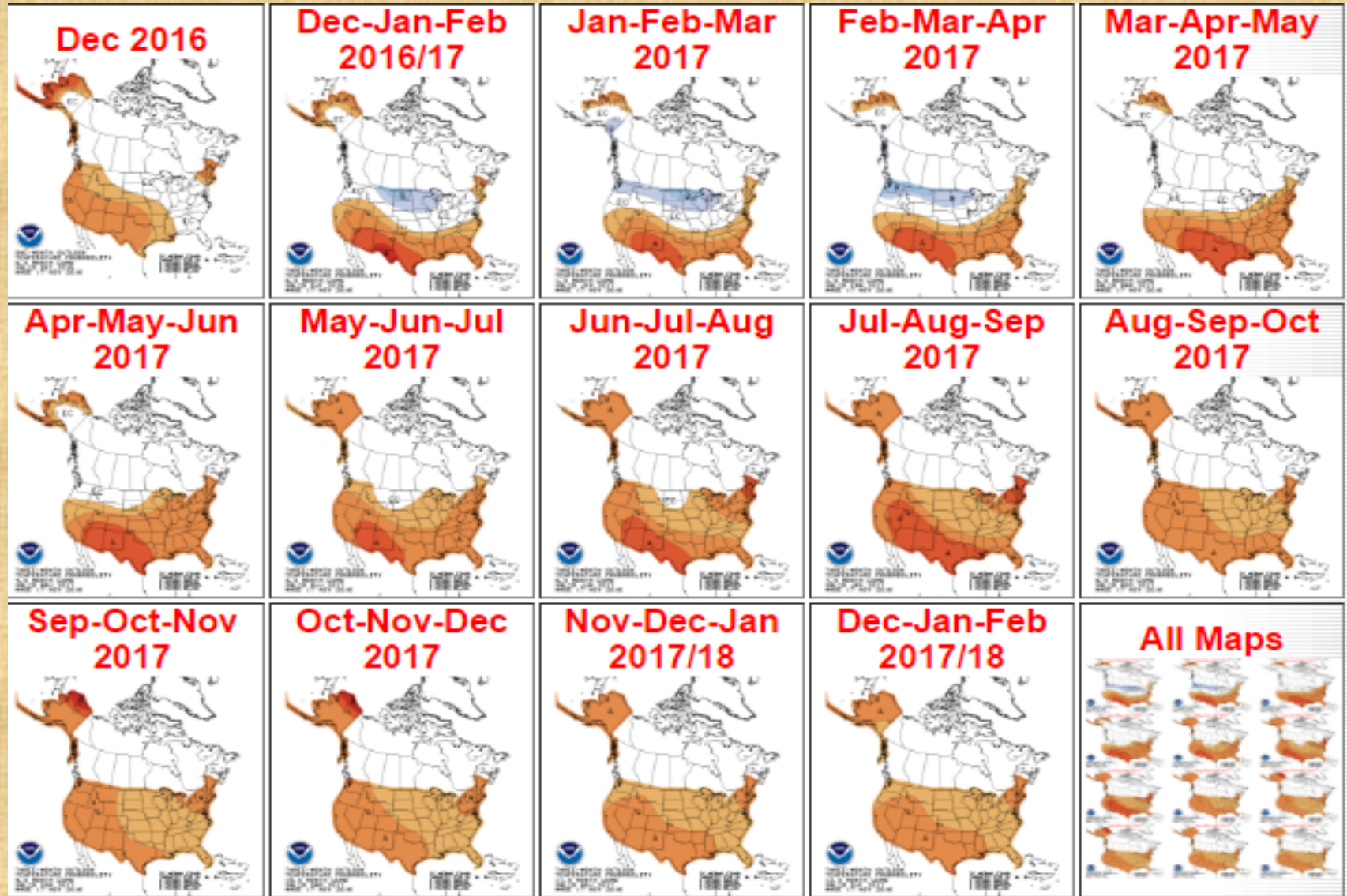
Temperature



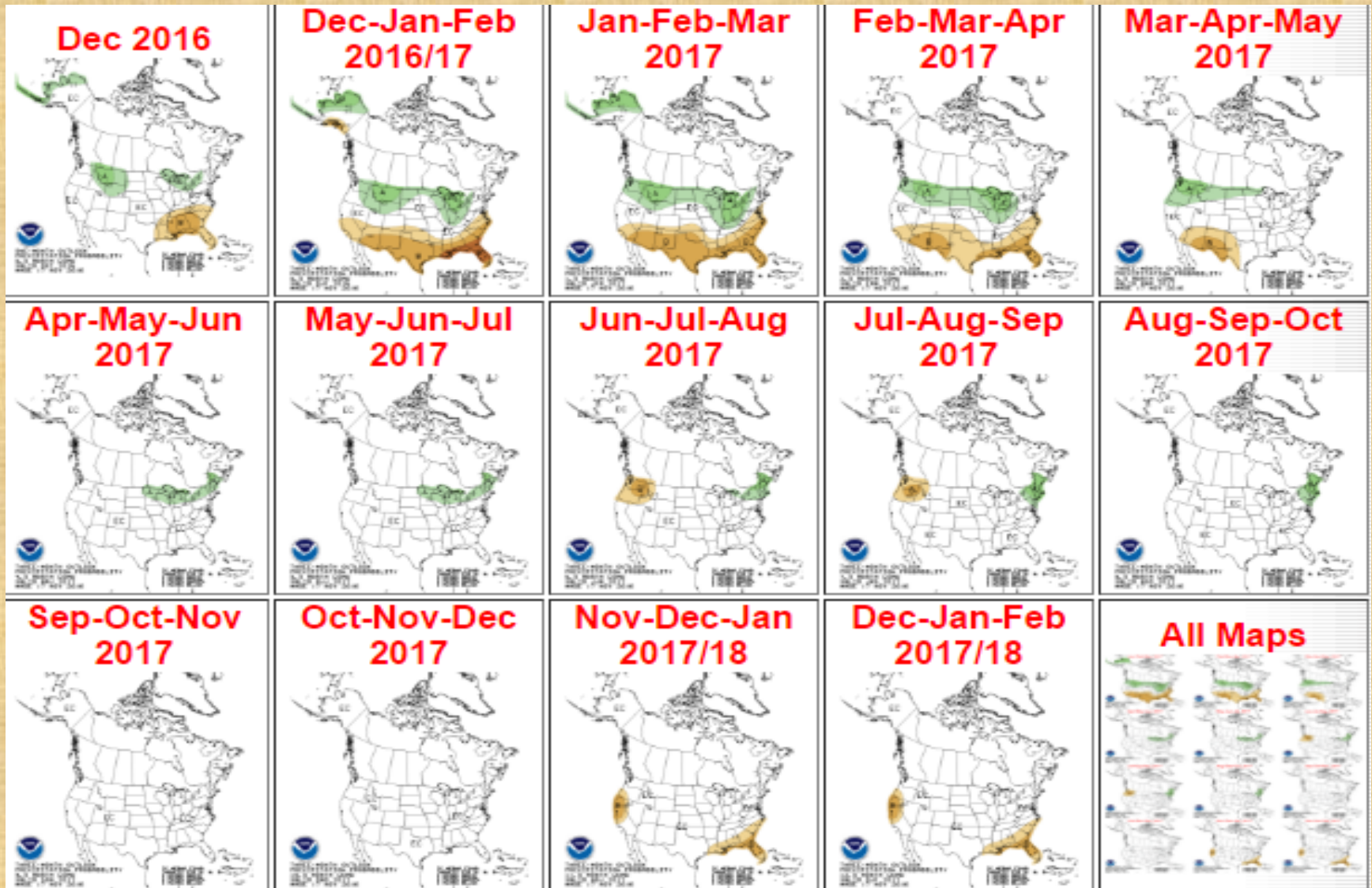
Precipitation



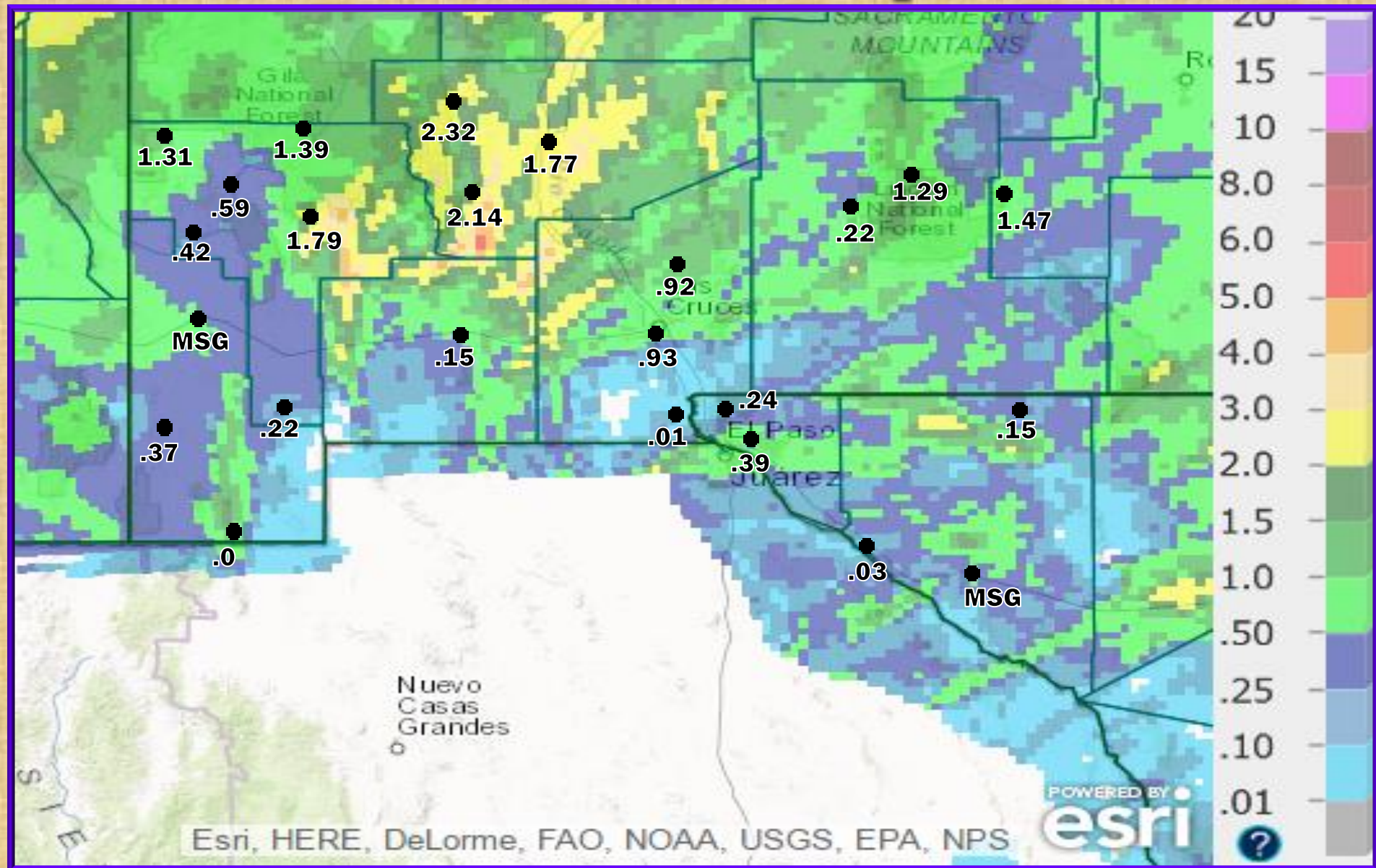
Temperature Outlook Through February 2018



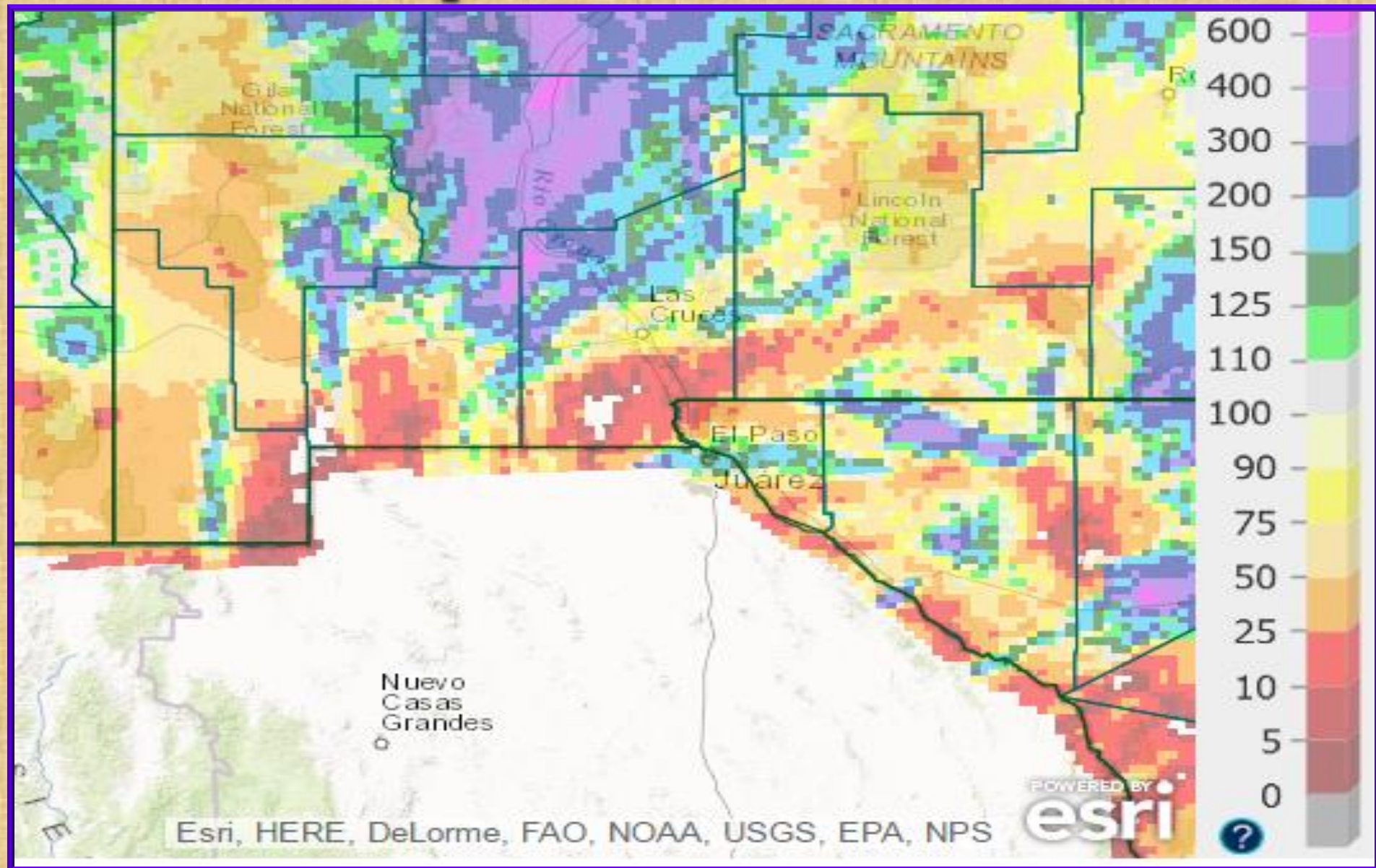
Precipitation Outlook Through February 2018



Novmeber 2016 radar rainfall estimate with surface rainfall reports

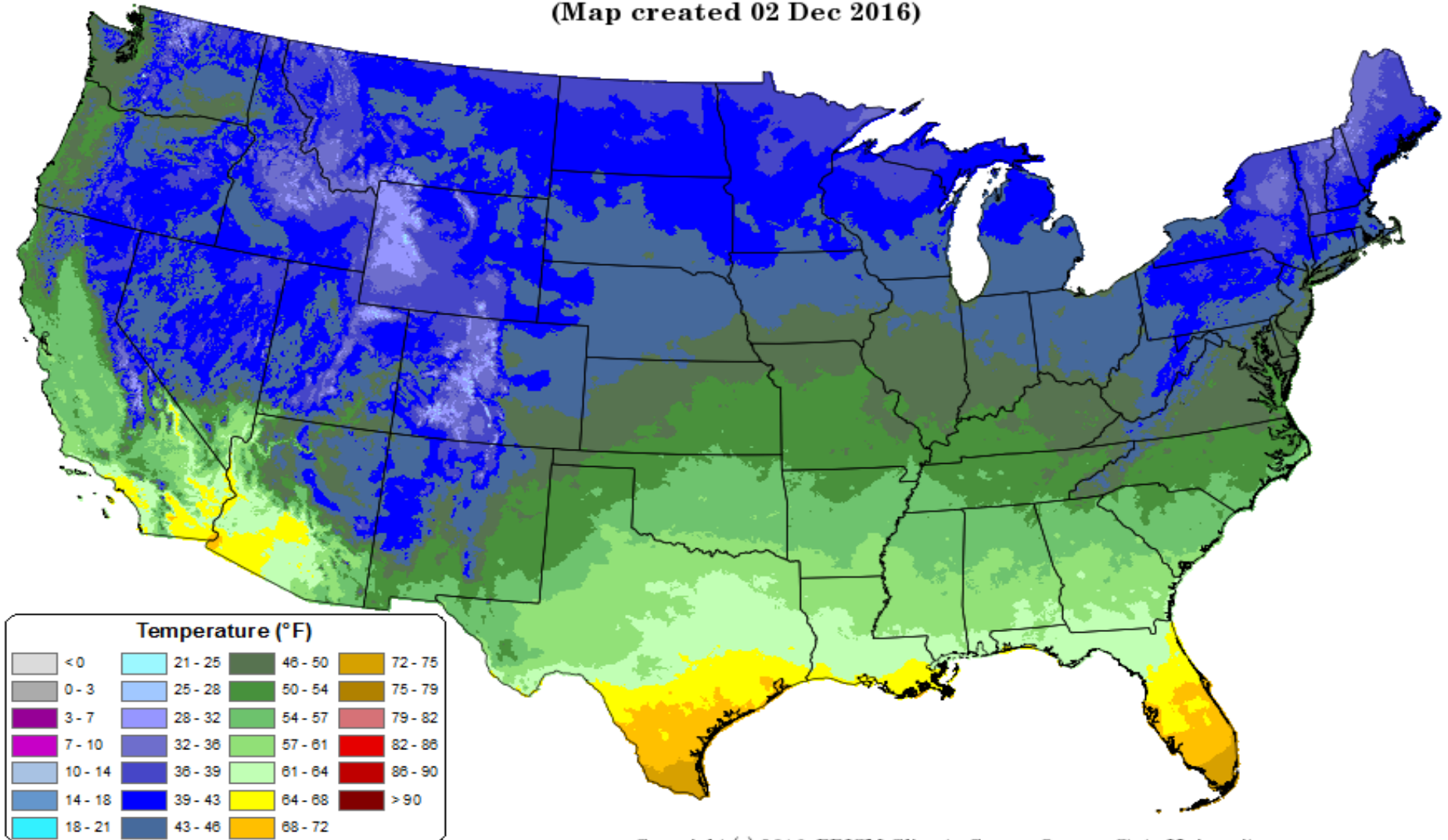


November 2016 radar rainfall estimate percent of normal



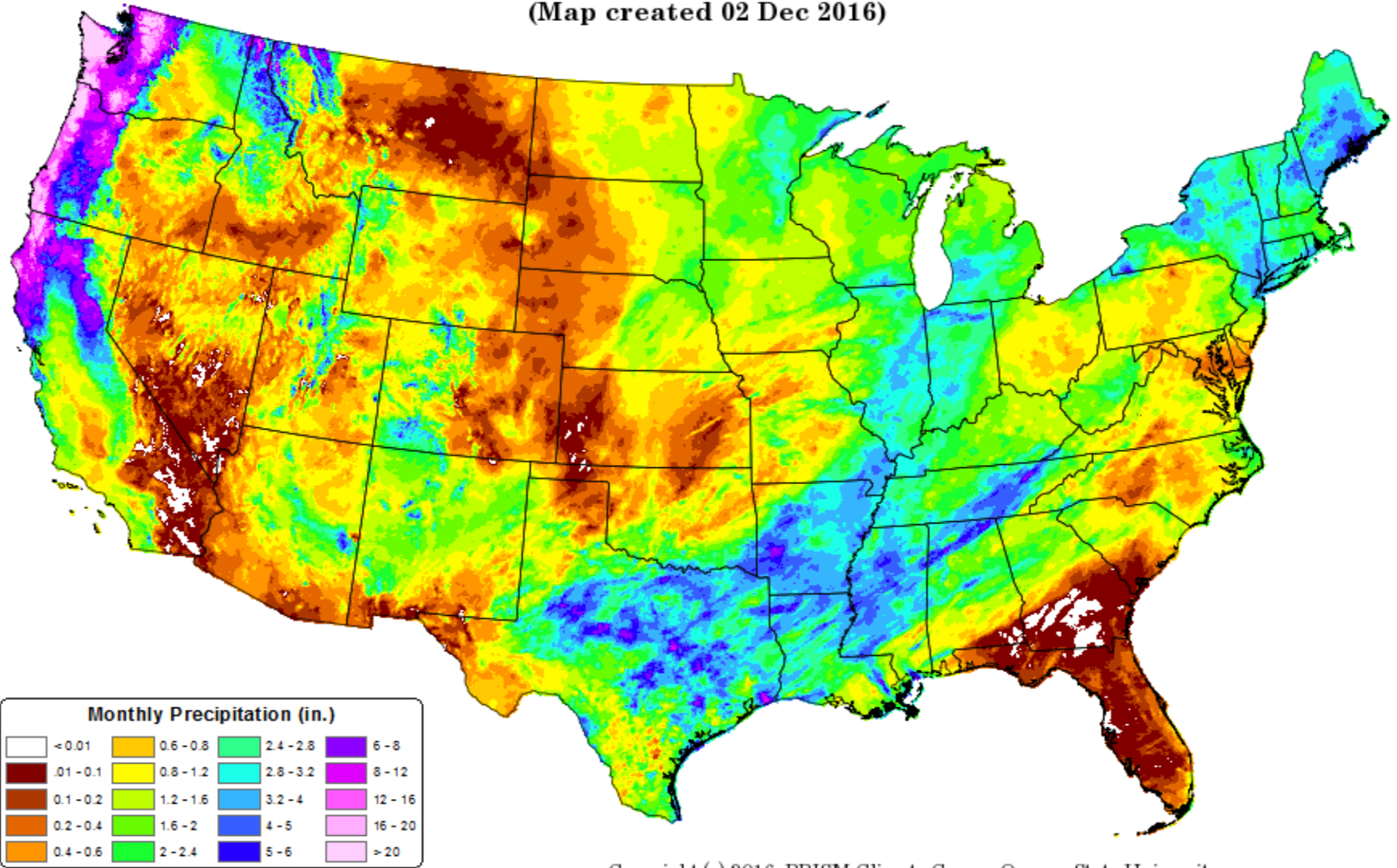
Average Daily Mean Temperature for NOVEMBER 2016

Average Daily Mean Temperature: November 2016
Period ending 7 AM EST 30 Nov 2016
(Map created 02 Dec 2016)



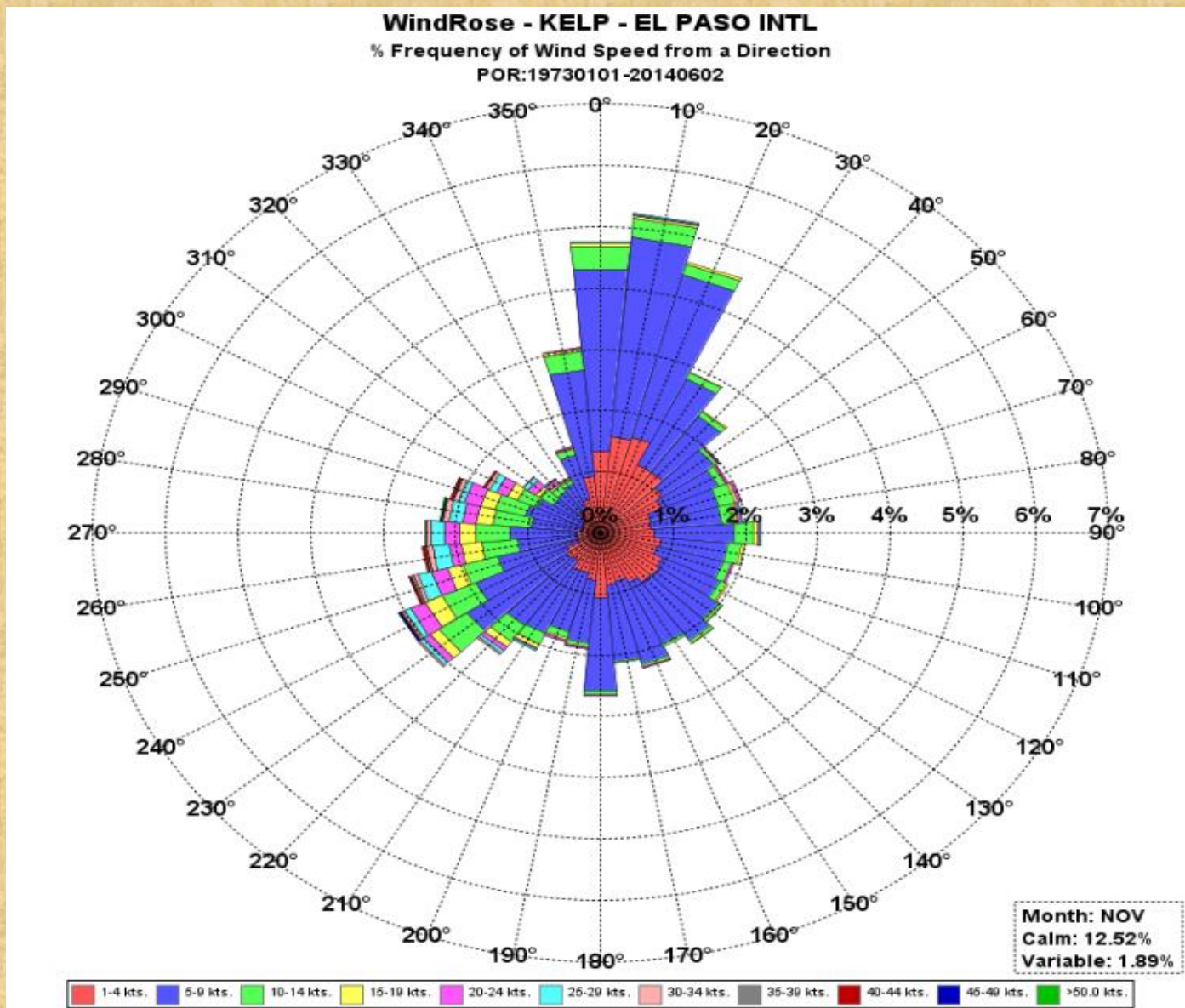
Total Precipitation for NOVEMBER 2016

Total Precipitation: November 2016
Period ending 30 Nov 2016
(Map created 02 Dec 2016)



Special Features

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



Selected weather reports November 2016

Date/Time	Location (County)	Event
11/04/16 440 PM	CITY ROCKS STATE PARK-LUNA CO	2.00 INCH HAIL
11/04/16 649 PM	HORIZON CITY-EL PASO CO	1.75 INCH HAIL
11/04/16 942 PM	LAS CRUCES 3 SE-DONA ANA CO	1.25 INCH HAIL
11/04/16 613 PM	EL PASO 14 SE-EL PASO CO	1.00 INCH HAIL
11/04/16 724 PM	DONA ANA 2 NW-DONA ANA CO	1.00 INCH HAIL
11/04/16 934 PM	LAS CRUCES 2 SE-DONA ANA CO	1.00 INCH HAIL
11/04/16 446 AM	SILVER CITY-GRANT CO	FLASH FLOOD-HWY 180 NEAR TOWN
11/04/16 531 AM	BAYARD-GRANT CO	FLASH FLOOD
11/04/16 638 AM	HURLEY-GRANT CO	FLASH FLOOD
11/04/16 846AM	T OR C-SIERRA CO	FLASH FLOOD-HWY 187
11/04/16 1112AM	HILLSBORO-SIERRA CO	FLASH FLOOD-HWY 27
11/04/16 600 AM	BAYARD-GRANT CO	4.50 INCH RAINFALL
11/04/16 1030 AM	T OR C-GRANT CO	1.14 INCH RAINFALL
11/04/16 838 AM	WINSTON-SIERRA CO	1.04 INCH RAINFALL

Selected weather reports November 2016

Date/Time	Location (County)	Event
11/05/16 856 PM	CORNUDAS-HUDSPETH CO	1.00 INCH HAIL
11/17/16 1108 AM	BOLES ACRES-OTERO CO	77 MPH PEAK GUST
11/17/16 1220 PM	SAN AUGUSTIN PASS-DONA ANA CO	70 MPH PEAK GUST
11/17/16 1105 AM	NORTHRUP STRIP-DONA ANA CO	57 MPH PEAK GUST
11/17/16 125 PM	WSMR MAIN POST-DONA ANA CO	53 MPH PEAK GUST
11/17/16 340 AM	HACHITA 15 SW-HIDALGO CO	53 MPH PEAK GUST
11/17/16 700 AM	EL PASO 10 NE-EL PASO CO	50 MPH PEAK GUST
11/17/16 142 PM	MESCALERO 11 NE-OTERO CO	49 MPH PEAK GUST
11/17/16 141 PM	WINSTON-SIERRA CO	47 MPH PEAK GUST
11/17/16 136 PM	HIGH ROLLS 1 SW-OTERO CO	45 MPH PEAK GUST
11/17/16 1207 PM	HILLSBORO-SIERRA CO	45 MPH PEAK GUST
11/17/16 1205 PM	TULAROSA 19 NW-OTERO CO	44 MPH PEAK GUST
11/17/16 1103 AM	RODEO 3 NW-HIDALGO CO	43 MPH PEAK GUST
11/17/16 800 AM	CHAPARRAL-OTERO CO	42 MPH PEAK GUST
11/17/16 1121 AM	SANTA TERESA 5 NW-DONA ANA CO	41 MPH PEAK GUST

Selected weather reports November 2016

Date/Time	Location (County)	Event
11/17/16 147 PM	CLOUDCROFT-OTERO CO	41 MPH PEAK GUST
11/17/16 1200 PM	DEMING 2 SE-LUNA CO	40 MPH PEAK GUST
11/17/16 1146 AM	MAYHILL 3 NW-OTERO CO	40 MPH PEAK GUST
11/17/16 1237 PM	TALAVERA 2 SE-DONA ANA CO	40 MPH PEAK GUST
11/17/16 617 PM	HORIZON CITY-EL PASO CO	FUNNEL CLOUD
11/17/16 633 PM	SAN ELIZARIO 5 N-EL PASO CO	FUNNEL CLOUD
11/17/16 1237 PM	TALAVERA 2 SE-DONA ANA CO	40 MPH PEAK GUST
11/28/16 110 PM	SAN AUGUSTIN PASS-DONA ANA CO	74 MPH PEAK GUST
11/28/16 520 AM	EL PASO 13 NE-EL PASO CO	60 MPH PEAK GUST
11/28/16 1255 PM	WSMR MAIN POST-DONA ANA CO	58 MPH PEAK GUST
11/28/16 1156 AM	LAS CRUCES 5 NW-DONA ANA CO	50 MPH PEAK GUST
11/28/16 1259 AM	ROAD FORKS-HIDALGO CO	48 MPH PEAK GUST
11/28/16 729 PA	DELL CITY-HUDSPETH CO	46 MPH PEAK GUST
11/28/16 629 PM	SUNSPOT-OTERO CO	46 MPH PEAK GUST
11/28/16 155 PM	OROGRANDE-OTERO CO	46 MPH PEAK GUST

Selected weather reports November 2016

Date/Time	Location (County)	Event
11/28/16 600 AM	CHAPARRAL-DONA ANA CO	47 MPH PEAK GUST
11/28/16 358 AM	SANTA TERESA 5 NW-DONA ANA CO	43 MPH PEAK GUST
11/28/16 329 PM	HILLSBORO-SIERRA CO	43 MPH PEAK GUST



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Photo Credit: John Fausett

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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**



Local forecast by "City, St" or ZIP code
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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.



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.

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	