

# January 2016 Weather Digest



Greg Lundeen



# January 2016 Weather Summary

The new year started off fairly quiet recovering from the notable post Christmas snow event of 2015. There was only one fairly strong storm event in the area from January 6 through January 9. This was somewhat of a more convective type storm system which pelted portions of the southern Borderland with rain, snow, sleet, and hail. Only light snowfall amounts dusted the higher terrain over the southern part of the Borderland but it provided some very picturesque viewing in its aftermath. The higher terrain of the Gila Wilderness and the Southern Sacramento Mountains received from 4 to 12 inches.

For the month temperatures ended up being very close to normal as most sites were within a couple of tenths of a degree above their normal levels. Precipitation for the month varied more. Eastern Luna, southern Dona Ana, El Paso and west southwestern Otero counties saw above normal precipitation, while much of the remainder of the area had below normal precipitation. Eastern Hudspeth county northward into eastern Otero county had significantly below normal precipitation for the month.



**Jan 6**



**Jan 8  
El Paso area**



**Jan 8  
El Paso area**



**Sleet and hail Jan 8  
El Paso**





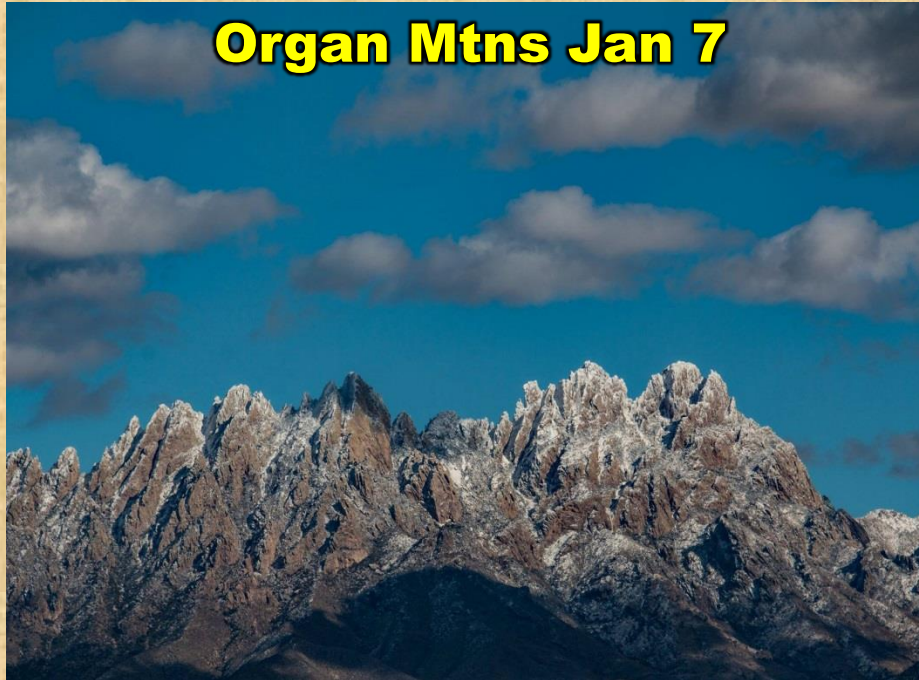
**Florida Mtns Jan 9**



**Las Cruces Jan 7**



**Organ Mtns Jan 7**



**Gila Region Jan 8**





**Cloudcroft Jan 9**



**Cloudcroft Jan 9**



**Cloudcroft Jan 9**

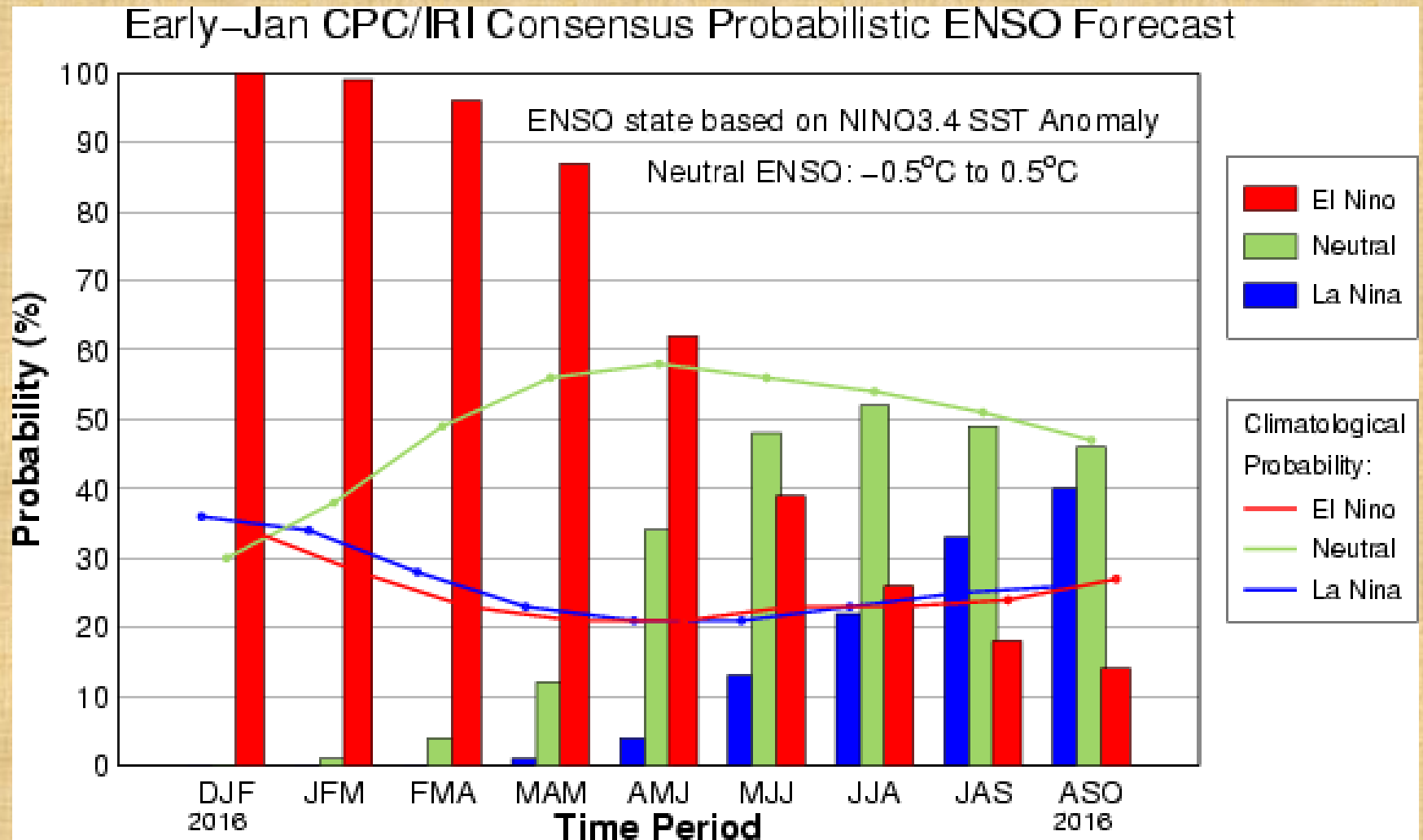


**Cloudcroft Jan 9**





# ENSO Forecast from January 14 2016

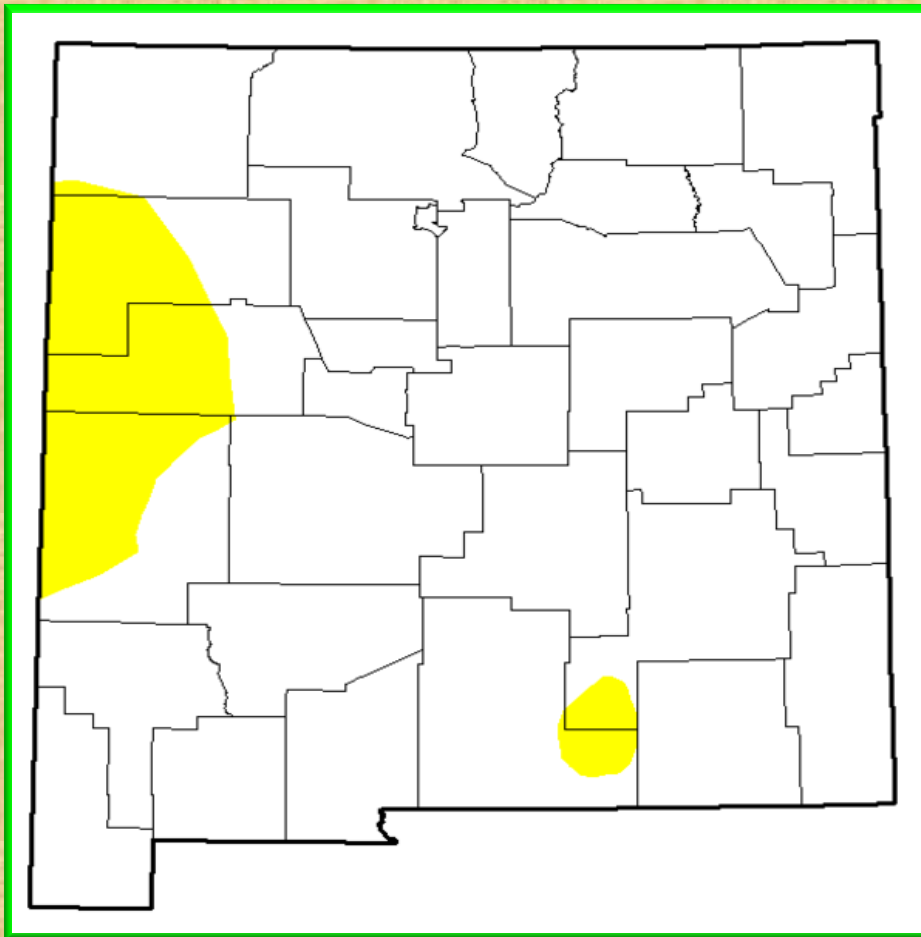


**STRONG EL NINO STILL FORECAST INTO SPRING OF THIS YEAR.**

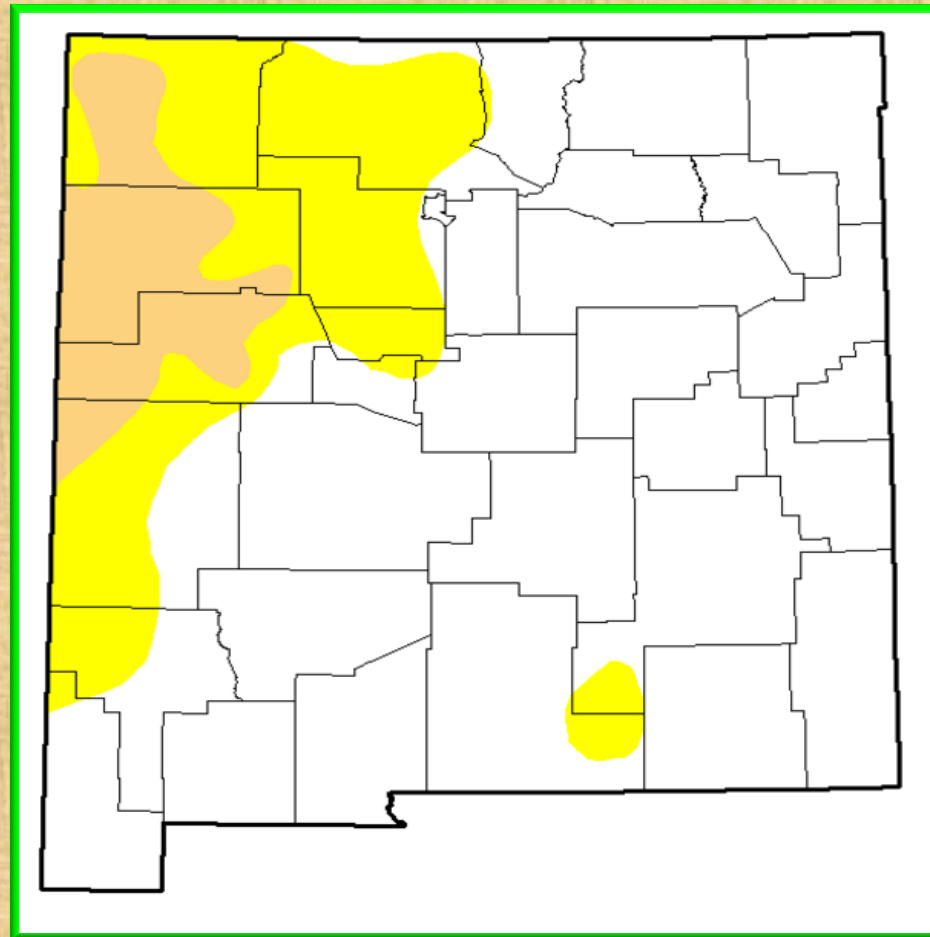
# Current drought conditions for New Mexico and 3 month change

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

**January 26, 2016**








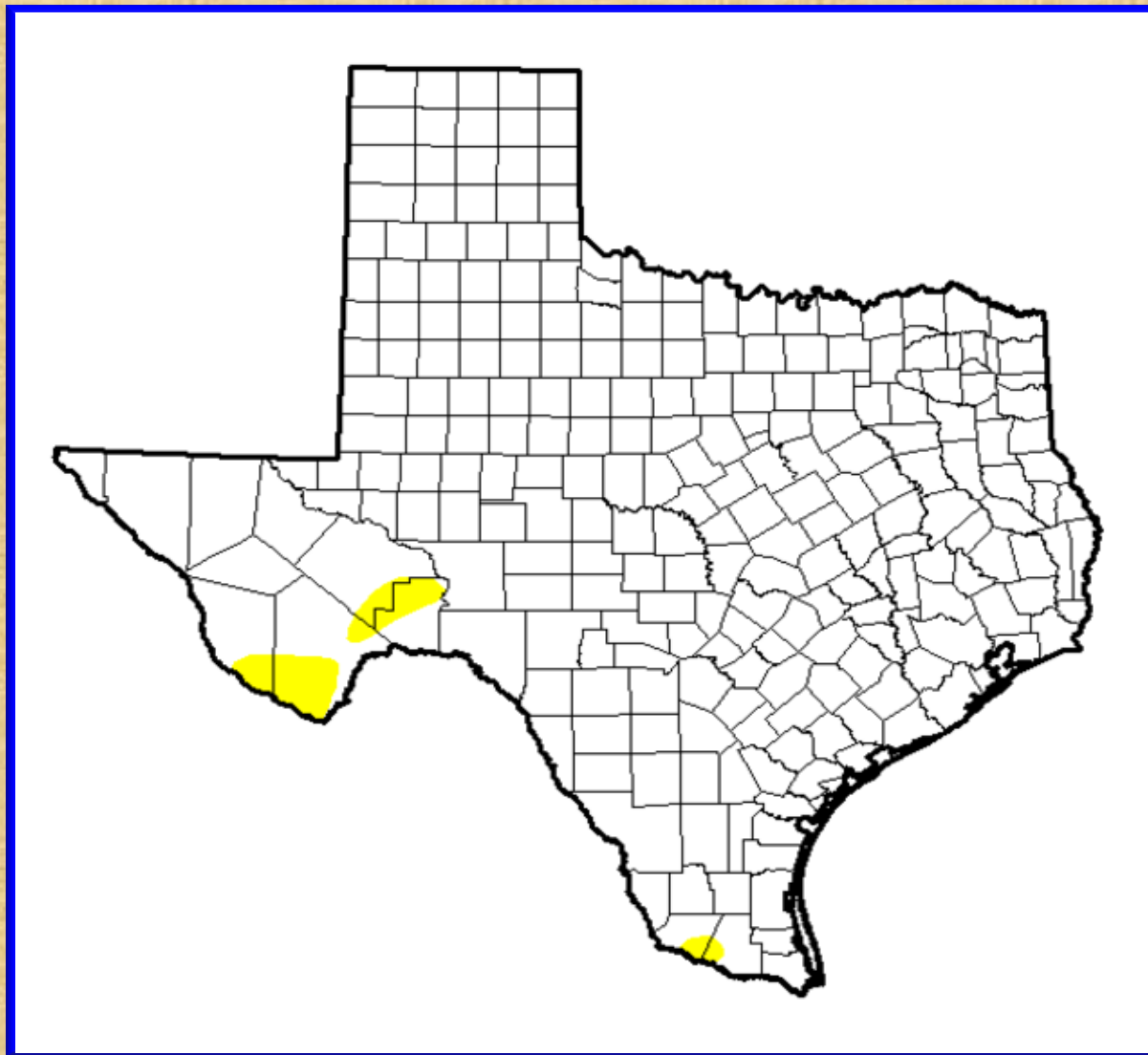
**October 27, 2015**



# Current drought conditions for Texas as of January 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:**

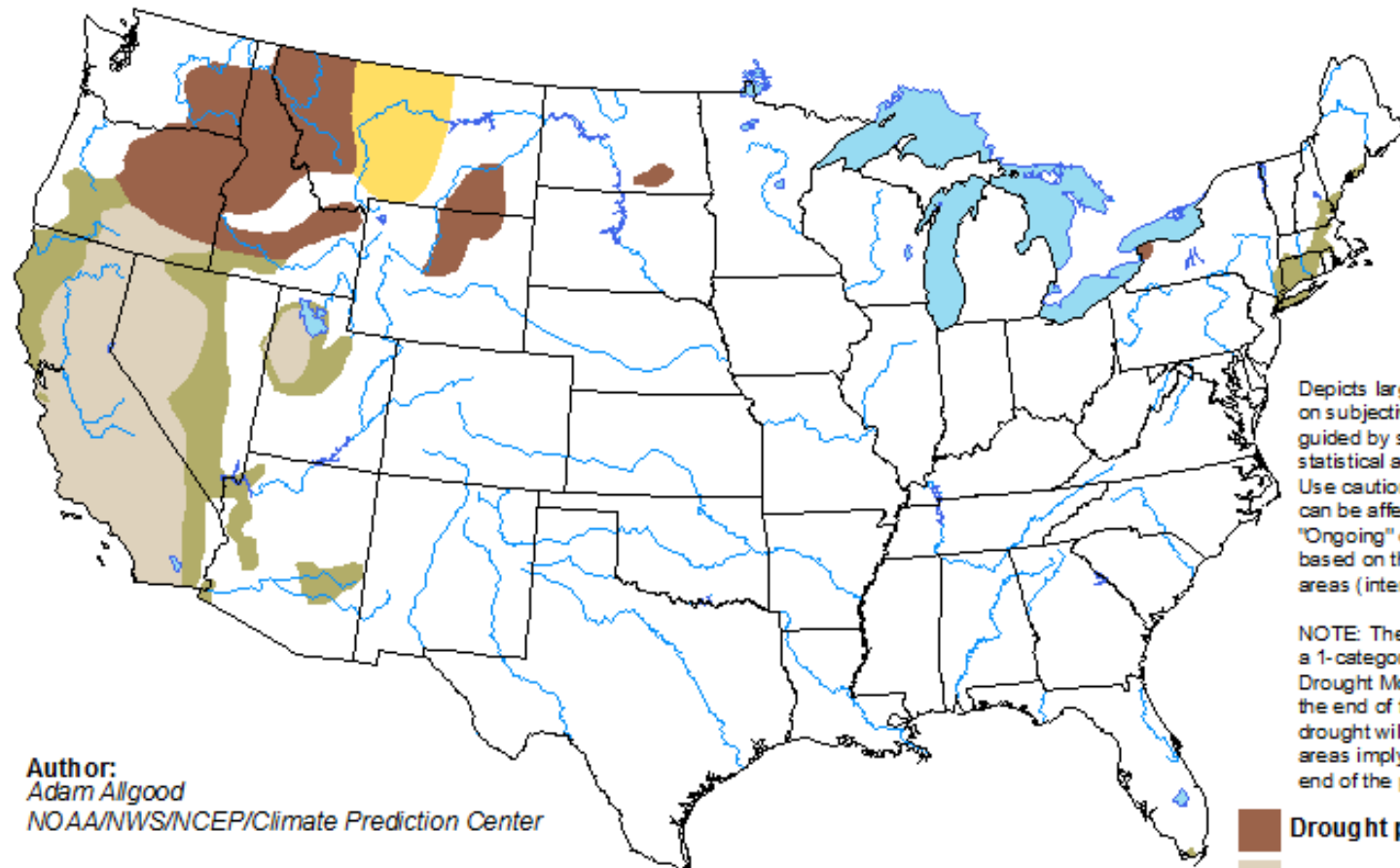
**<http://droughtmonitor.unl.edu/MapsandData/ComparisonSlider.aspx>**



# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period





Valid for January 21 - April 30, 2016  
Released January 21, 2016

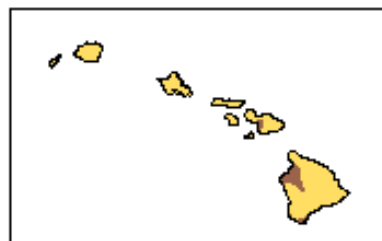
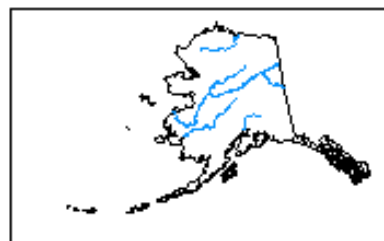


Author:  
Adam Allgood  
NOAA/NWS/NCEP/Climate Prediction Center

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



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

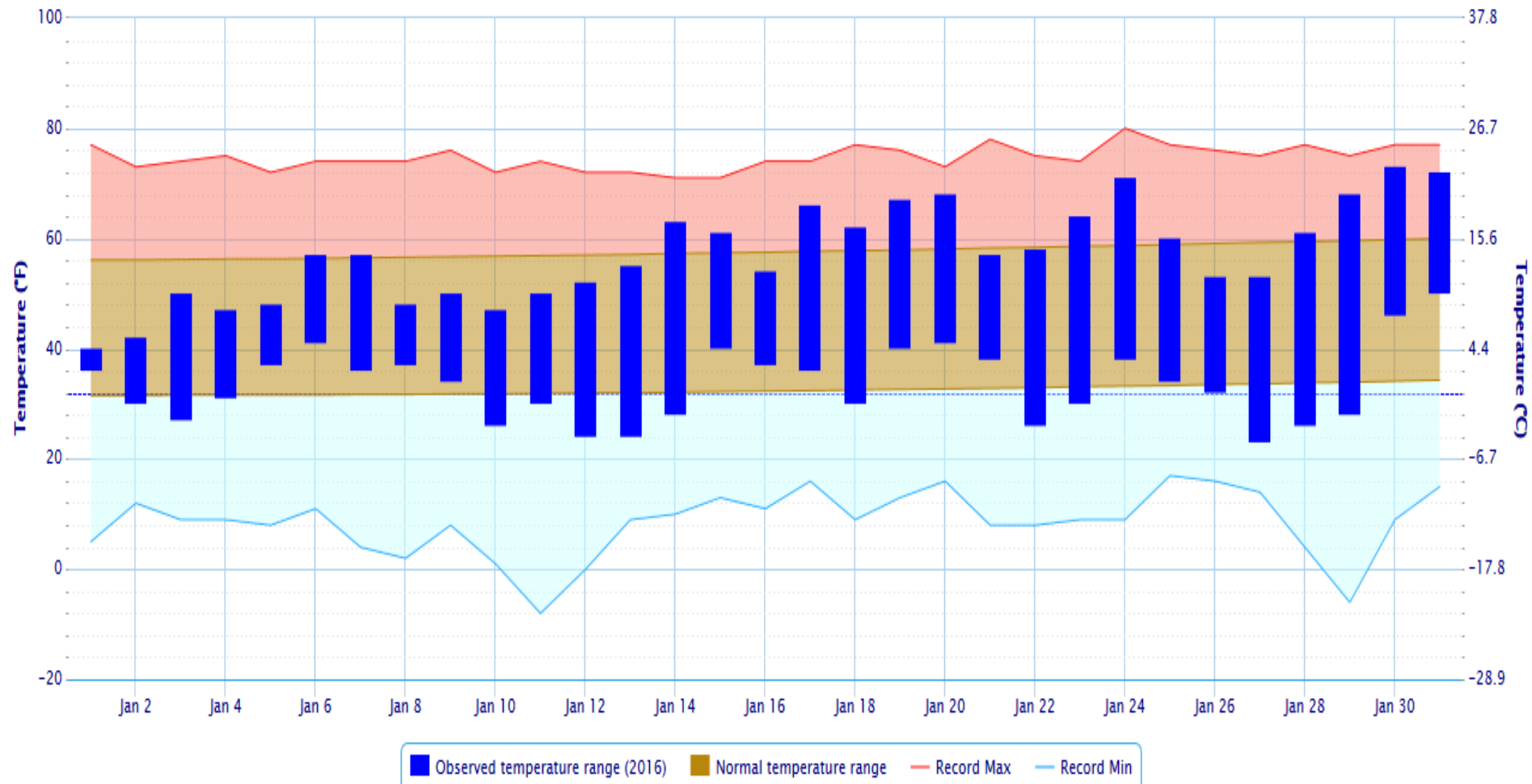


# Daily temperature data for January 2016 in El Paso

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

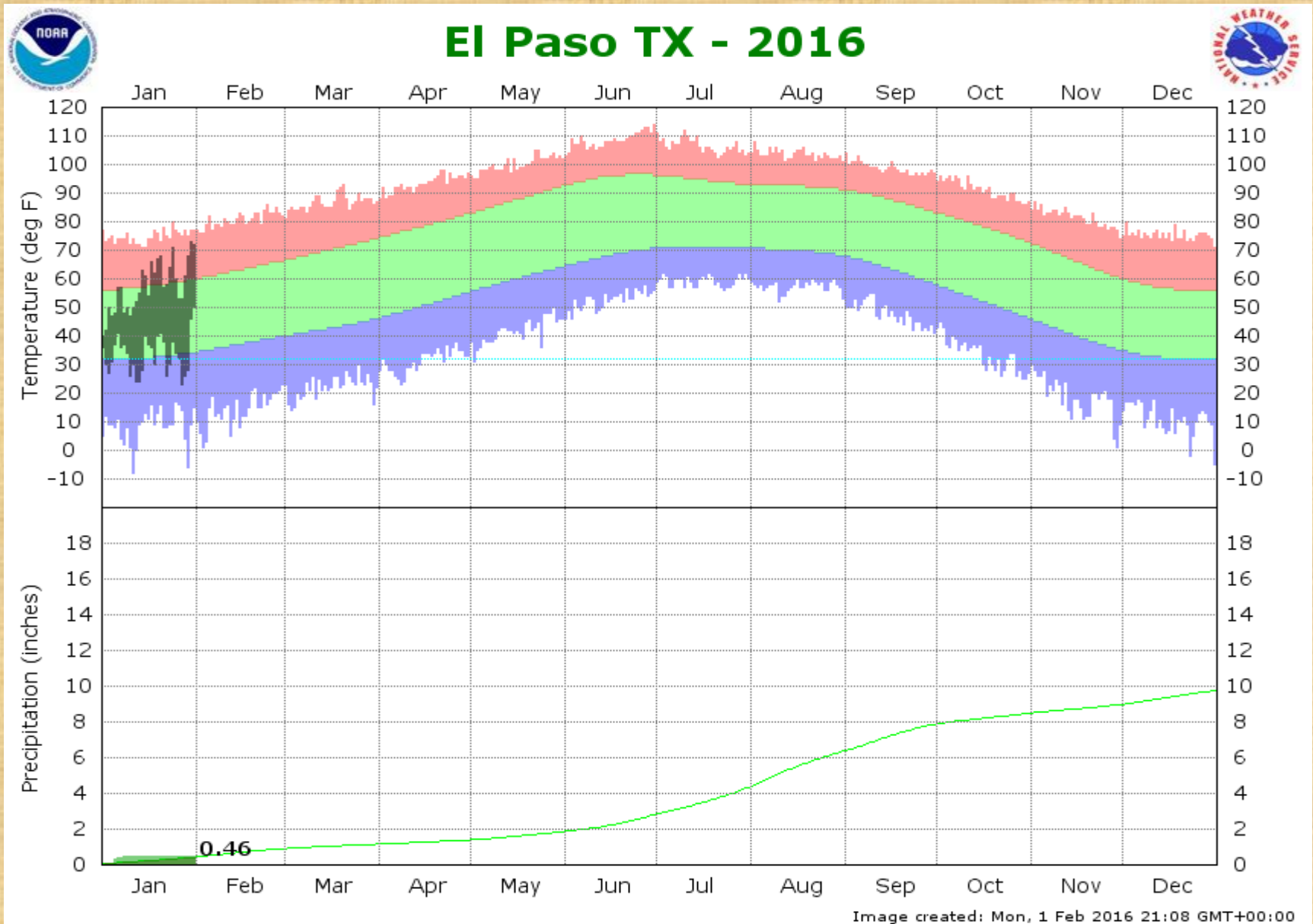


Period of Record - Max temperature: 1887-01-01 to 2016-02-01; Min temperature: 1879-01-01 to 2016-02-01. Normals period: 1981-2010. Click and drag to zoom chart.





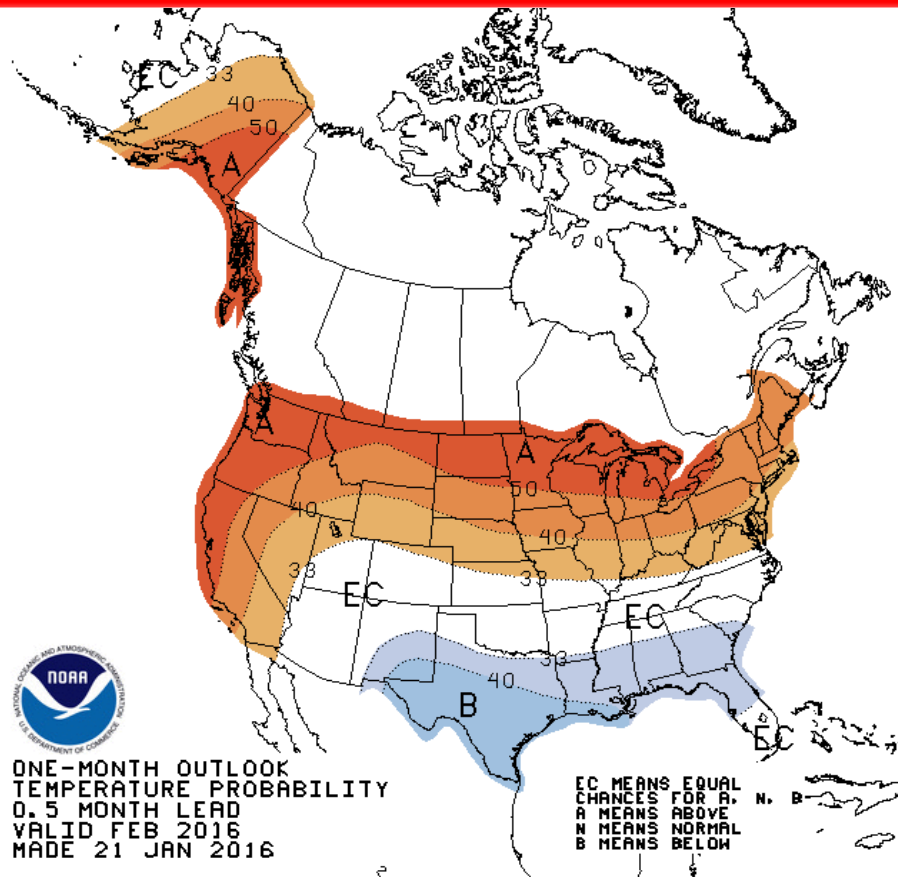
# Daily temperature/precipitation data for January in El Paso



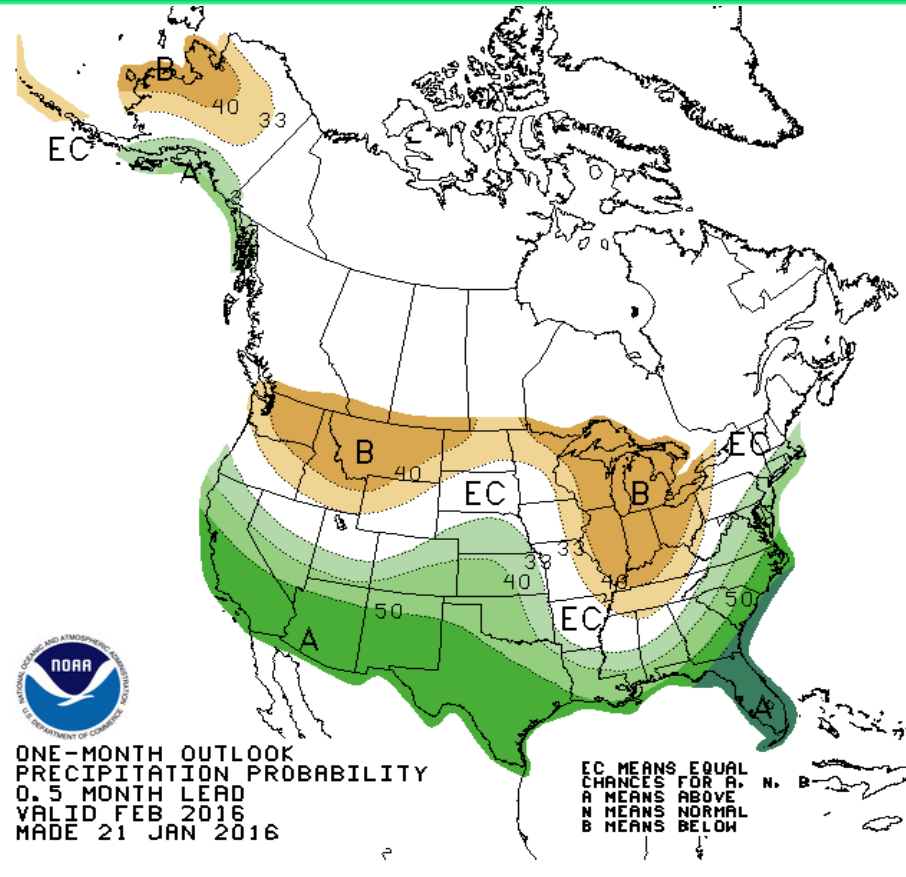


# Temperature and precipitation outlook for February 2016

## Temperature

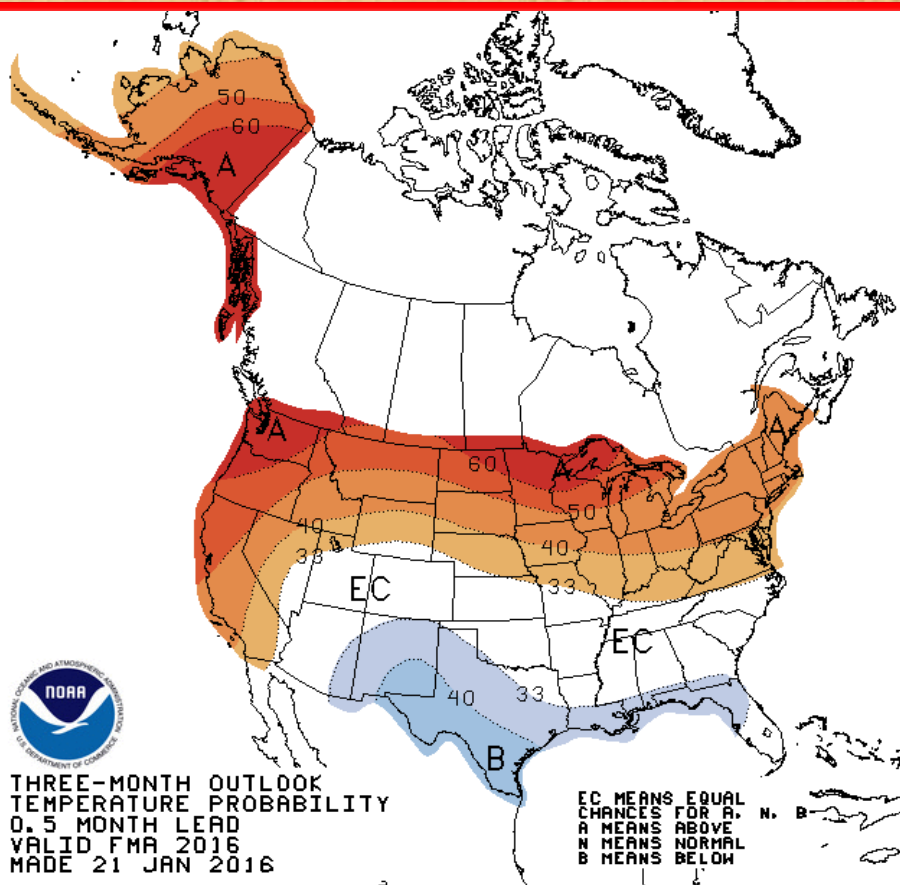


## Precipitation

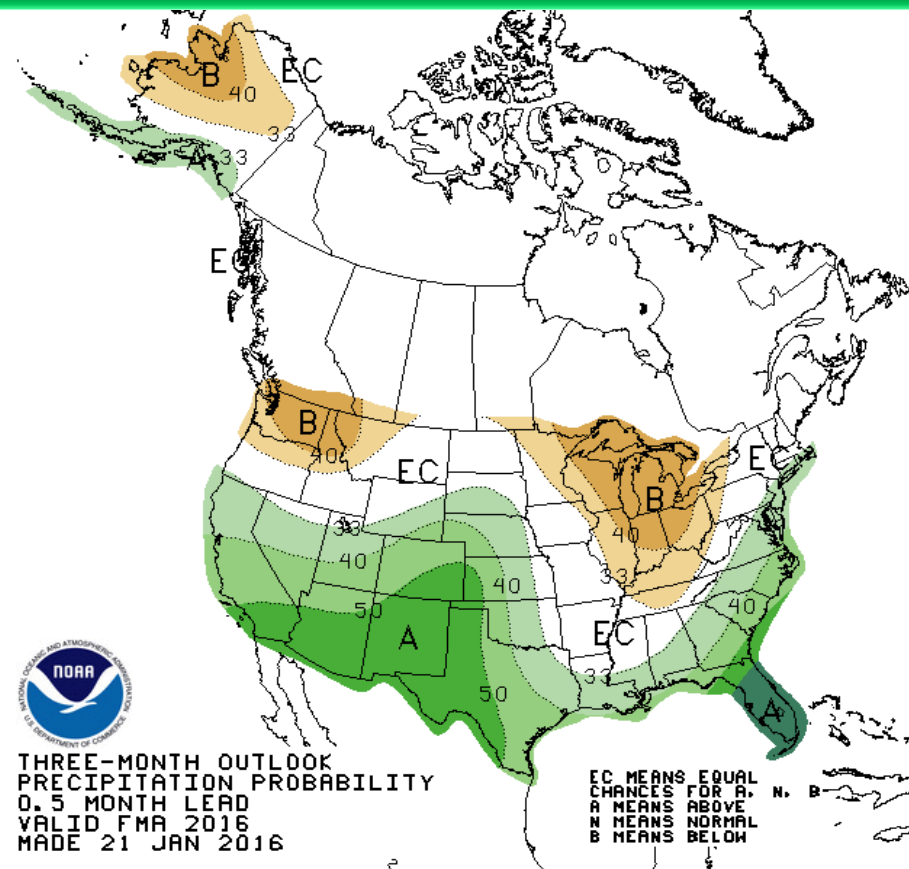


# Temperature and precipitation outlook for Feb - Apr 2016

## Temperature

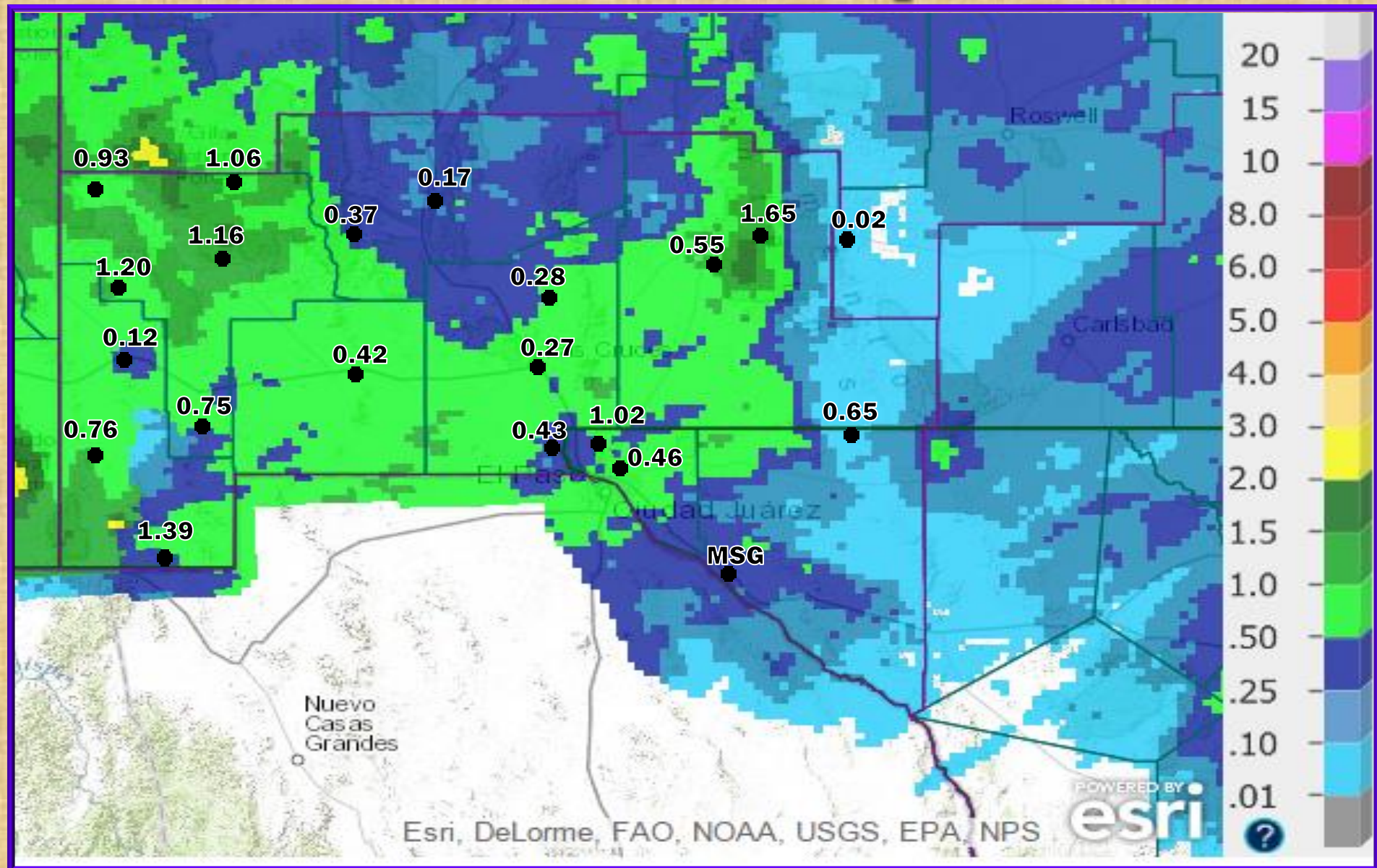


## Precipitation





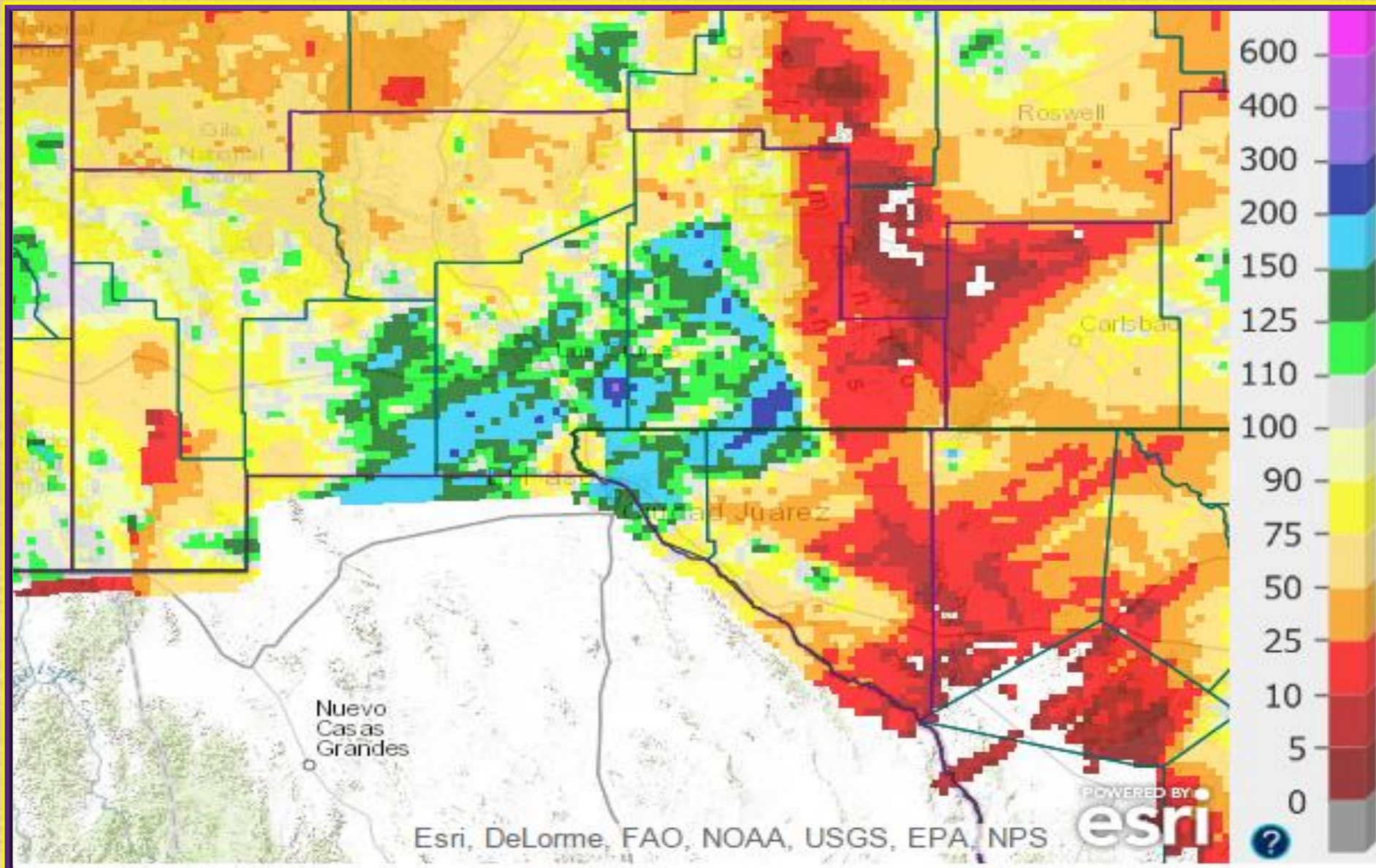
# January 2016 radar rainfall estimate with surface rainfall reports





# January 2016 Radar Rainfall Estimate

## (Percent of normal)





# Selected weather reports January 2016

Date/Time	Location (County)	Event
01/05/16 700 AM	SILVER CITY 4 NW-GRANT	4.6 INCHES SNOWFALL
01/05/16 740 AM	SUNSPOT-OTERO	4.3 INCHES SNOWFALL
01/09/16 928 AM	SIGNAL PEAK-GRANT	7.0 INCHES SNOWFALL
01/09/16 700 AM	SILVER CITY 4 NW-GRANT	5.0 INCHES SNOWFALL
01/09/16 857 AM	CLOVERDALE-HIDALGO	7.0 INCHES SNOWFALL
01/09/16 700 AM	CLOUDCROFT 2SW-OTERO	12.9 INCHES SNOWFALL
01/09/16 1130 AM	TIMBERON 2 SE-OTERO	8.0 INCHES SNOWFALL
01/24/16 340 PM	SAN AUGUSTIN PASS-DOÑA ANA	71 MPH PEAK WIND GUST
01/24/16 400 PM	LAS CRUCES 6 WSW-DOÑA ANA	51 MPH PEAK WIND GUST
01/30/16 135 PM	SAN AUGUSTIN PASS-DOÑA ANA	70 MPH PEAK WIND GUST
01/30/16 700 PM	WSMR MAIN POST-DOÑA ANA	65 MPH PEAK WIND GUST
01/30/16 701 PM	MAYHILL 3 WNW-OTERO	50 MPH PEAK WIND GUST