

# DROUGHT AND WATER USE

Water Authority Board

June 18, 2014



Albuquerque Bernalillo County  
Water Utility Authority



# Drought Summary

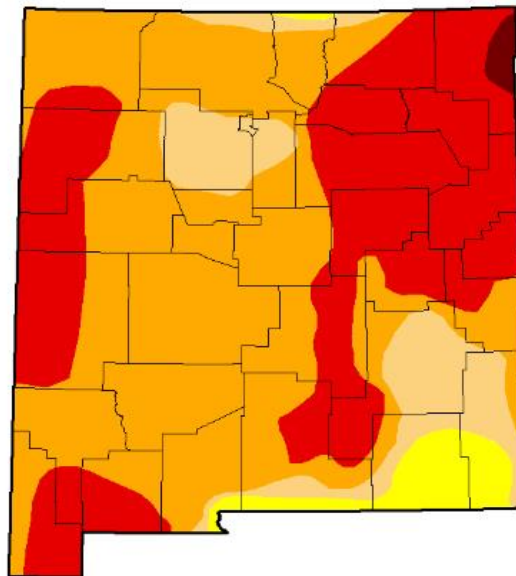
[Current Calendar Year Review](#) | [Current Water Year Review](#) | [Temperature and Precipitation Outlooks](#)

[Other Hydrologic Information](#) | [Special Hydrologic/Climate Features](#) | [Related Web Sites](#)

## U.S. Drought Monitor New Mexico

**June 3, 2014**

(Released Thursday, Jun. 5, 2014)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	95.56	84.85	35.57	0.68
<b>Last Week</b> 5/27/2014	0.00	88.91	95.58	84.50	35.64	0.68
<b>3 Months Ago</b> 3/4/2014	0.41	99.59	95.50	66.55	23.27	0.00
<b>Start of Calendar Year</b> 1/20/2014	0.39	99.81	75.21	32.66	3.66	0.00
<b>Start of Water Year</b> 1/9/2013	1.66	98.34	74.92	37.81	3.38	0.00
<b>One Year Ago</b> 6/9/13	0.00	100.00	100.00	98.65	82.10	44.77

*Intensity:*

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

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

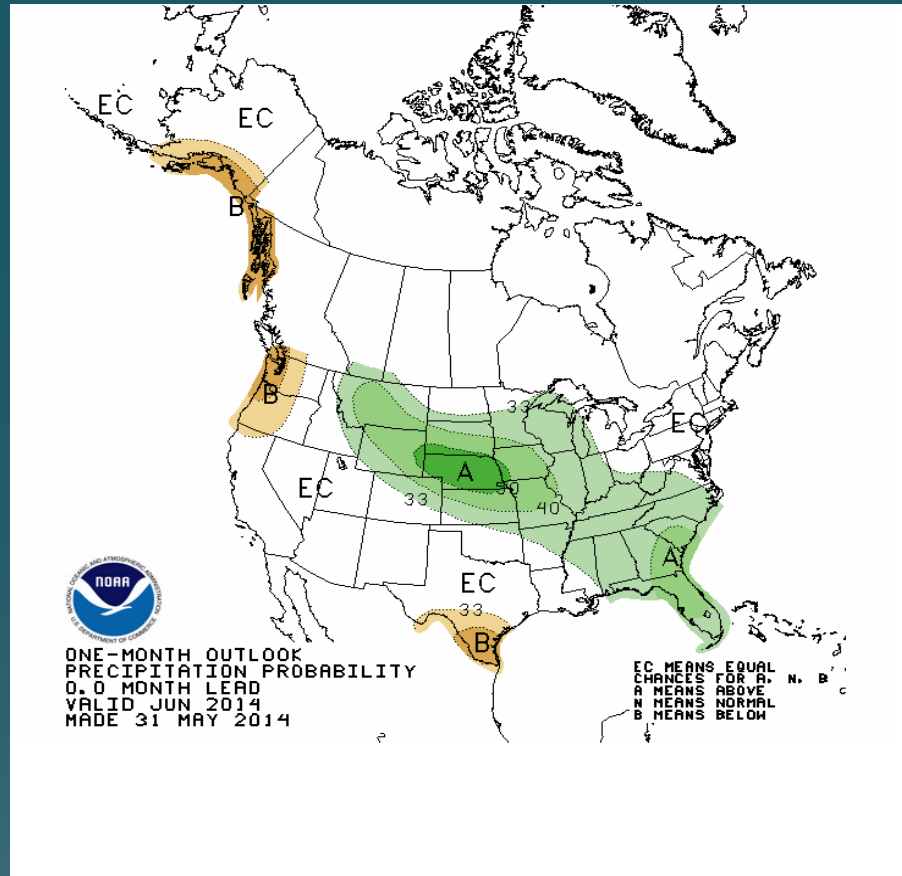
**Author:**

Richard Tinker  
CPC/NOAA/NWS/NCEP

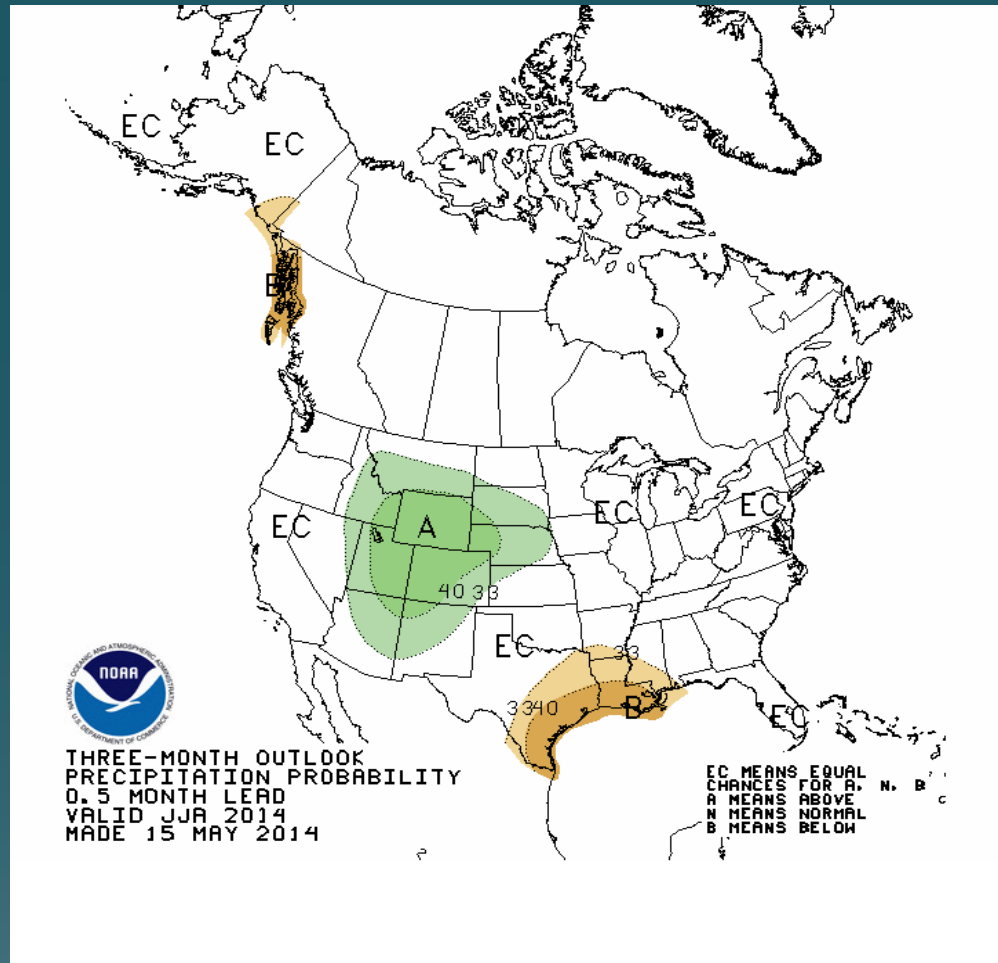


<http://droughtmonitor.unl.edu/>

# NOAA Precipitation: June



# NOAA Precipitation Predictions: June, July, August



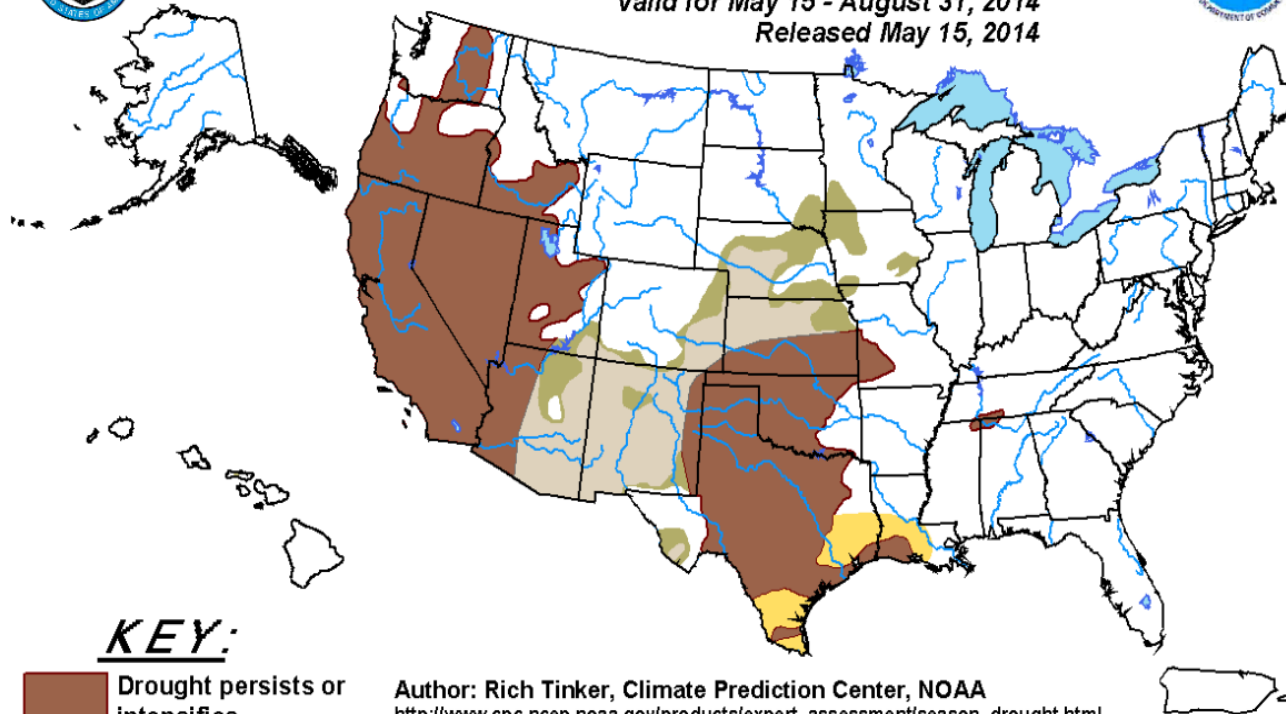


# U.S. Seasonal Drought Outlook





## Drought Tendency During the Valid Period

Valid for May 15 - August 31, 2014

Released May 15, 2014



### KEY:

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

**Author: Rich Tinker, Climate Prediction Center, NOAA**  
[http://www.cpc.ncep.noaa.gov/products/expert\\_assessment/season\\_drought.html](http://www.cpc.ncep.noaa.gov/products/expert_assessment/season_drought.html)

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity).

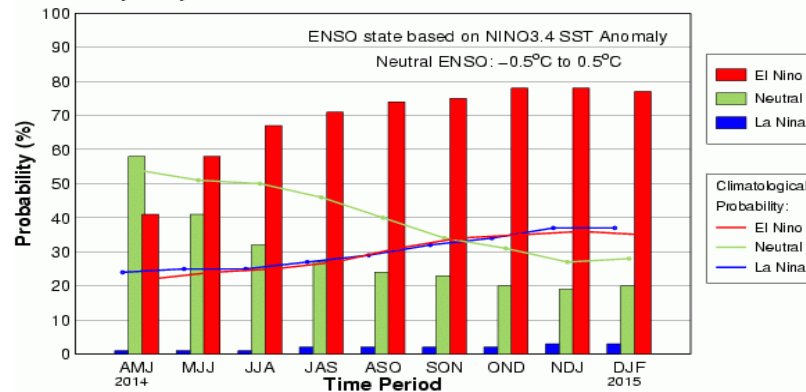
For weekly drought updates, see the latest U.S. Drought Monitor.  
 NOTE: The tan area areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period although drought will remain.  
 The Green areas imply drought removal by the end of the period (D0 or none)



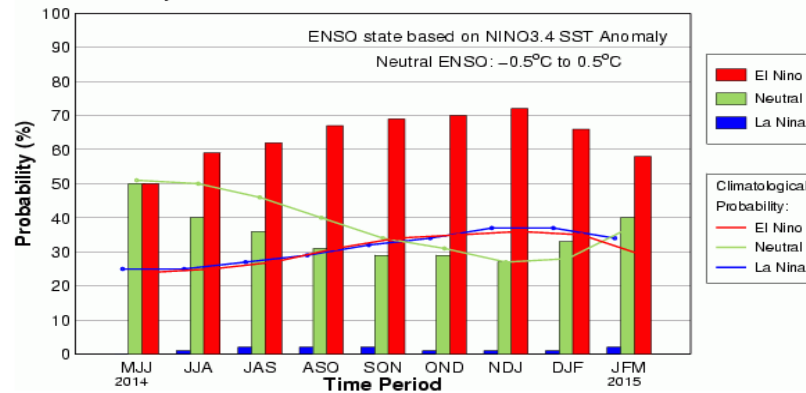
# Monthly Predictions for Development of El Niño Conditions

1. CPC (Climate Prediction Center) forecasters (top graph) and models (bottom graph) continue to indicate a strong trend toward El Niño conditions during the summer. An El Niño watch remains in effect, with forecasters predicting a greater than 65% chance of El Niño conditions developing this summer.

Early-May CPC/IRI Consensus Probabilistic ENSO Forecast



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



# Water Use 2014 vs 2013 (Goal Year)

