

Drought Update:

May 19, 2021

Carlos Bustos

Conservation Program Manager

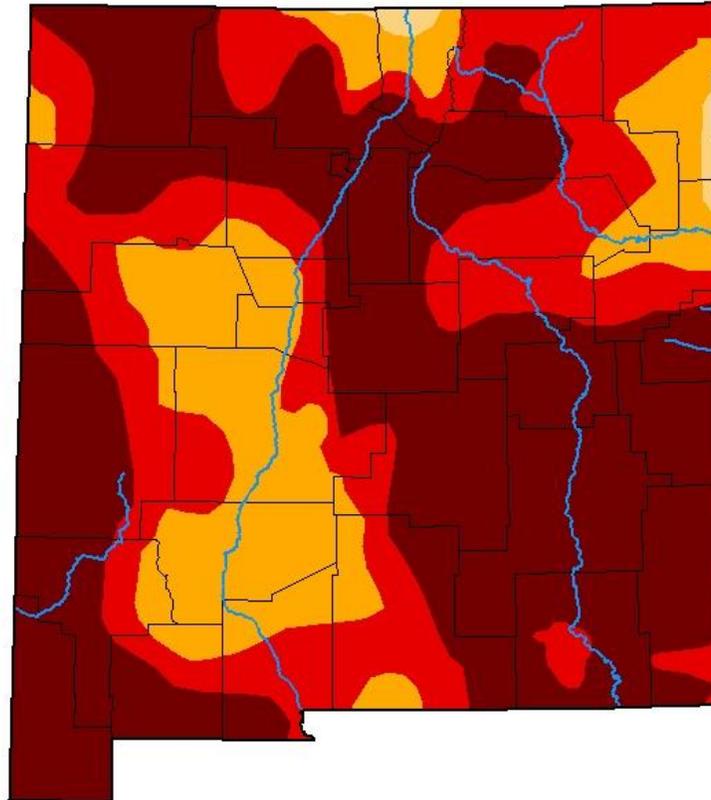


Albuquerque Bernalillo County
Water Utility Authority

**U.S. Drought Monitor
New Mexico**

May 4, 2021
(Released Thursday, May 6, 2021)
Valid 8 a.m. EDT

**Drought
Watch**



Intensity:

-  None
-  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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

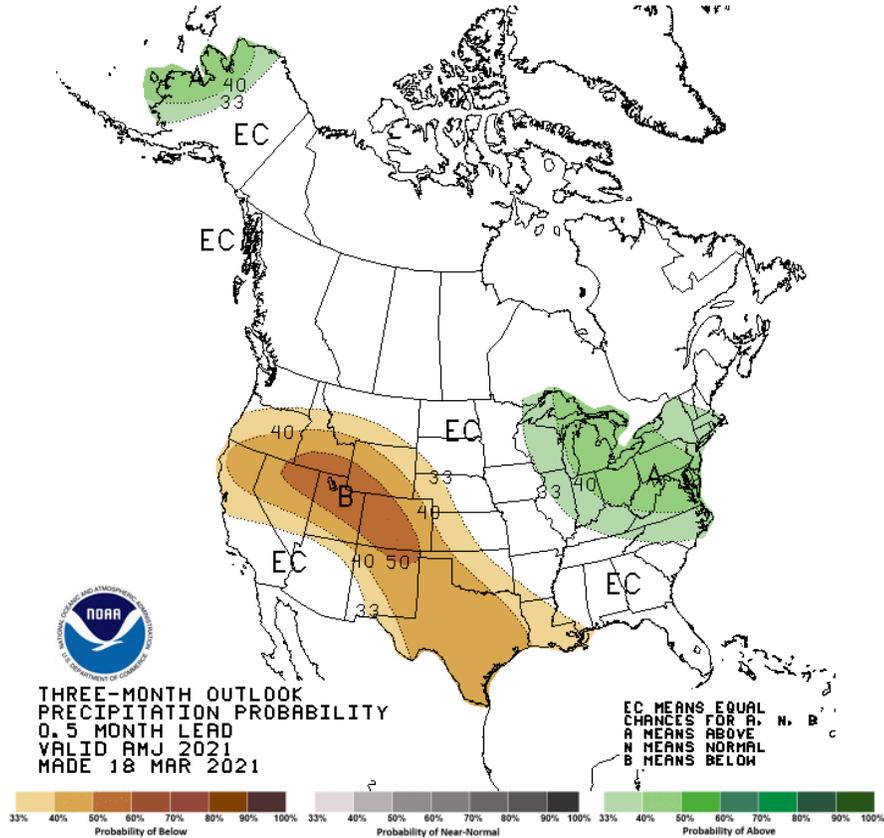
David Simeral
Western Regional Climate Center



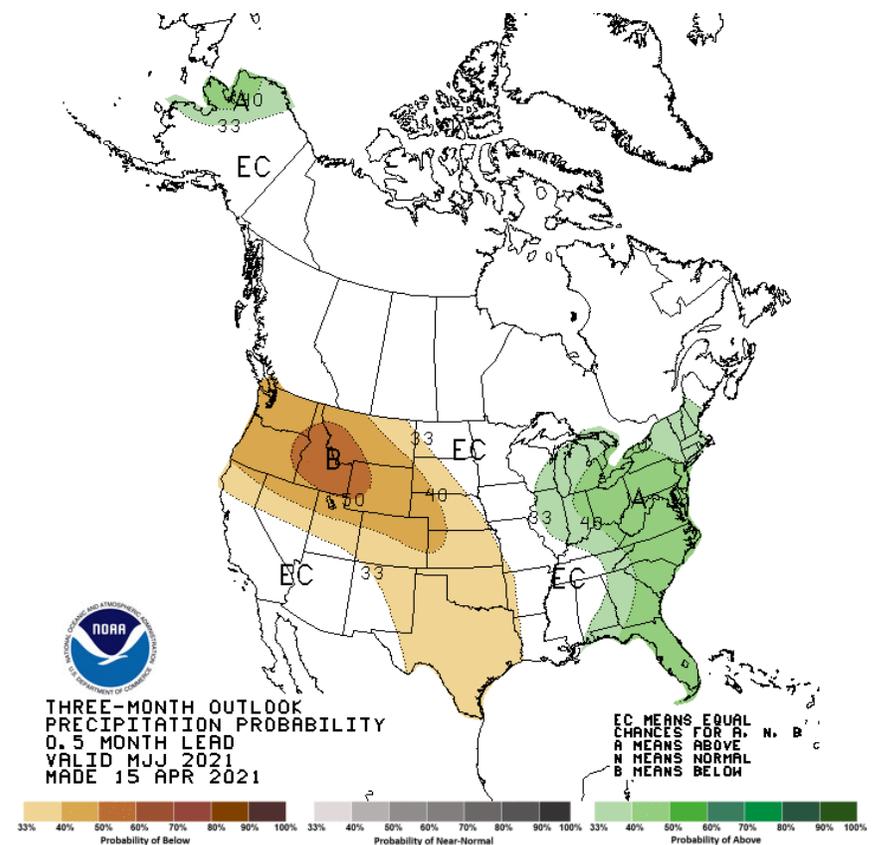
droughtmonitor.unl.edu

3 Month Precipitation Outlook

March



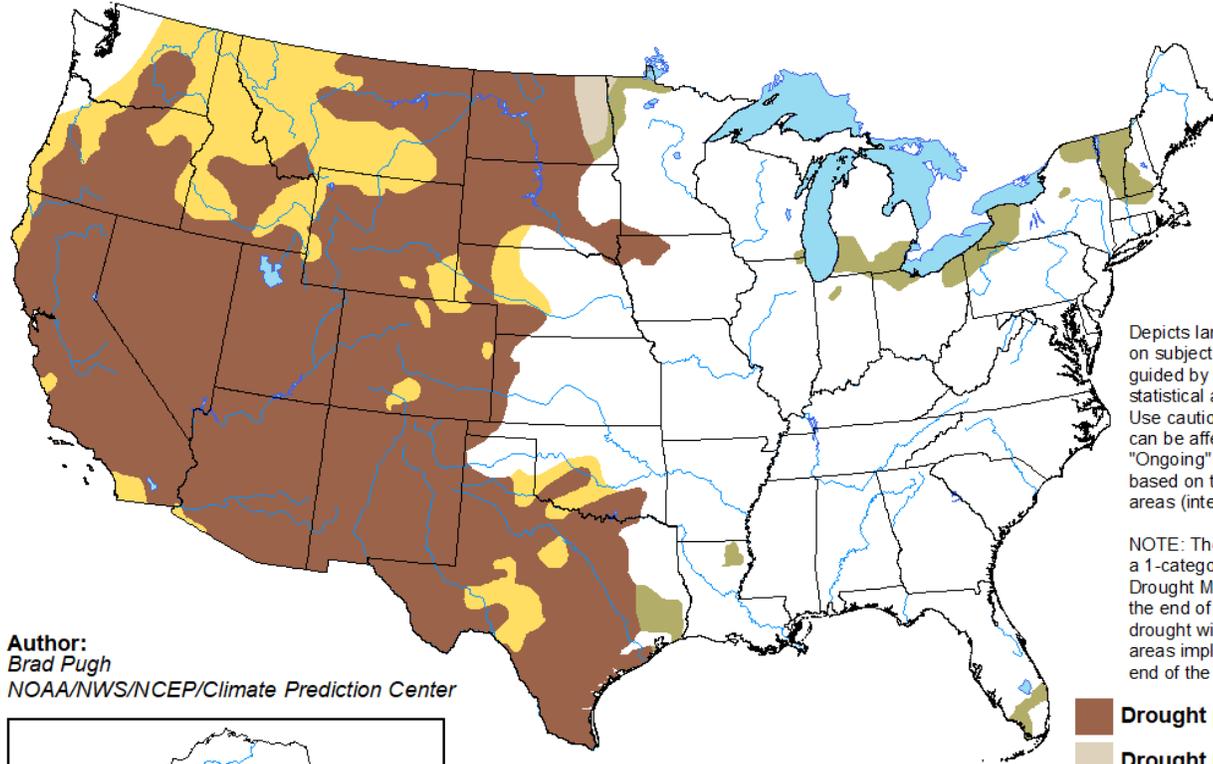
April



U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

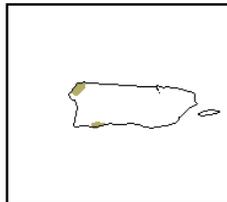
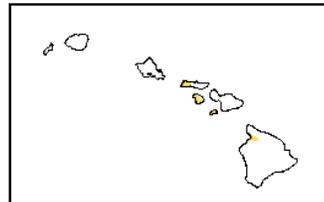
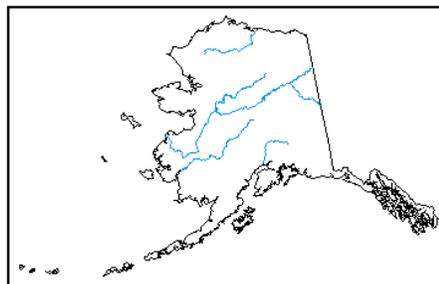
Valid for April 15 - July 31, 2021
Released April 15



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:
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NOAA/NWS/NCEP/Climate Prediction Center



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



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



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Drought Stage Criteria Chart

Groundwater Pumping /GPCD	Less than 120% of the GW pumping goal	Between 120% and 130% of GW pumping goal	Between 130% and 140% of GW pumping goal	More than 140% of the GW pumping goal
< 2 GPCD over the goal	None	None	None	Stage 1
2-4 GPCD over the goal	None	Stage 1	Stage 1	Stage 2
4-6 GPCD over the goal	None	Stage 1	Stage 2	Stage 3
> 6 GPCD over the goal	Stage 1	Stage 2	Stage 3	Stage 3

Figure 3. Drought Stage Criteria Chart



Drought Stage 1: Drought Watch

DROUGHT STAGE 1: DROUGHT WATCH			
Water Use Reduction Method	Savings Goals as a percentage of total annual ground water production	Average Savings Goals in acre-feet	Average Savings Goals in gallons
Increase public education	12%	4,653	1,516,184,703
Double Fees for Wasting Water	5%	1,938	631,499,238
Offer Drought Smart \$20 rebate classes	3%	1,163	378,964,713
TOTAL	20%	7,754	2,526,648,654



Gallons Per Capita Per Day, 1994-2037

