

Drought Update

Carlos Bustos

Water Conservation Manager

November 17, 2021

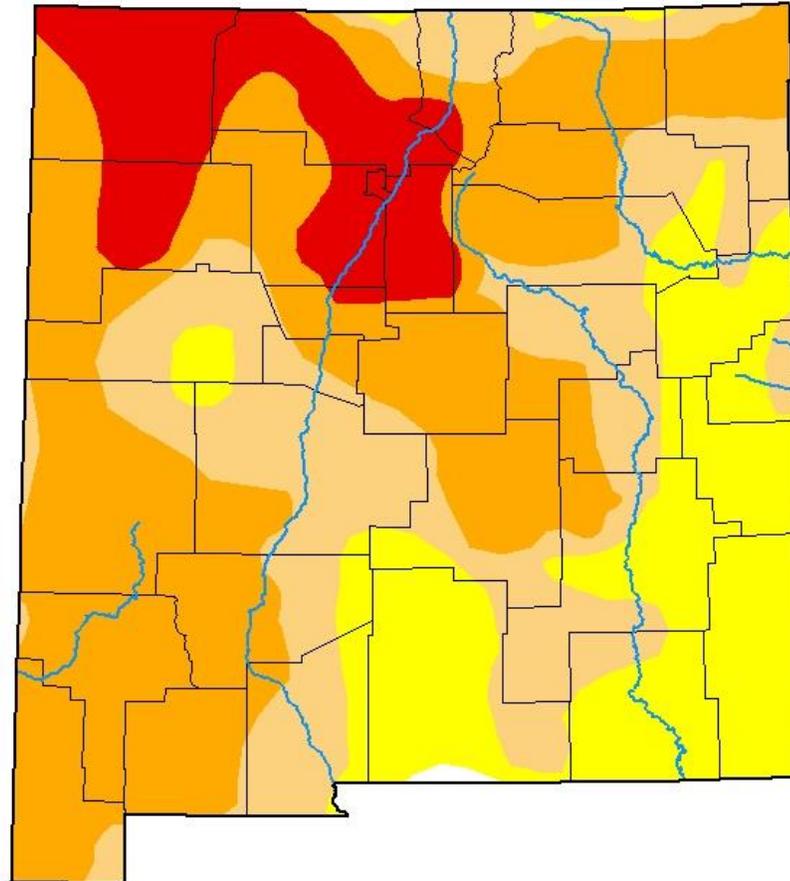


Albuquerque Bernalillo County
Water Utility Authority

“A Drought Advisory is declared whenever the majority of Bernalillo County reaches Stage 3 – Severe Drought as defined by the National Weather Service...”

Current Situation

U.S. Drought Monitor New Mexico



November 2, 2021
(Released Thursday, Nov. 4, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.19	99.81	78.14	51.53	11.20	0.00
Last Week 10-26-2021	1.15	98.85	78.14	50.36	11.20	0.00
3 Months Ago 08-03-2021	12.14	87.86	80.32	67.01	31.31	7.32
Start of Calendar Year 12-29-2020	0.00	100.00	99.97	99.59	82.26	53.20
Start of Water Year 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
One Year Ago 11-03-2020	0.00	100.00	99.98	84.82	66.18	7.21

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:

Adam Hartman
NOAA/NWS/NCEP/CPC

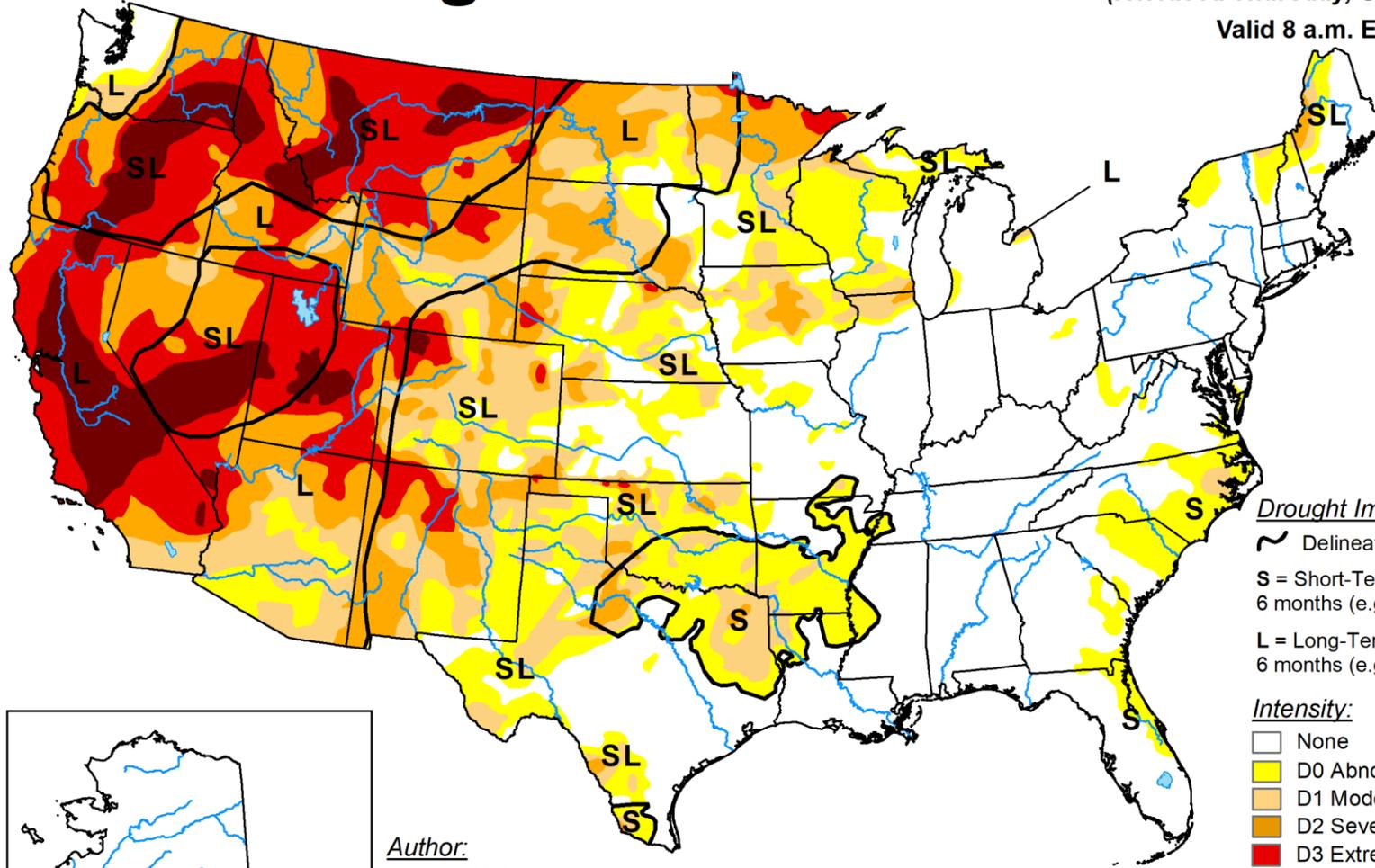


droughtmonitor.unl.edu

U.S. Drought Monitor

October 26, 2021
(Released Thursday, Oct. 28, 2021)

Valid 8 a.m. EDT

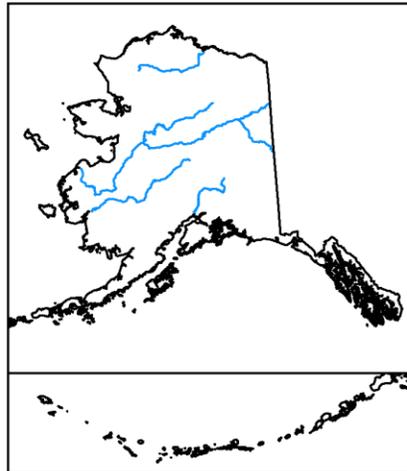


Drought Impact Types:

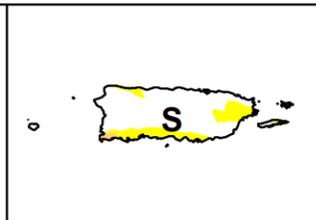
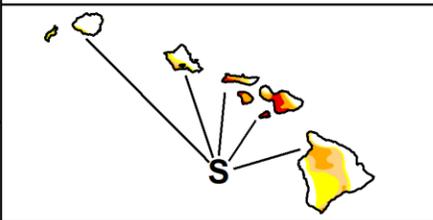
- ~ Delineates dominant impacts
- S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought



Author:
Richard Heim
NCEI/NOAA



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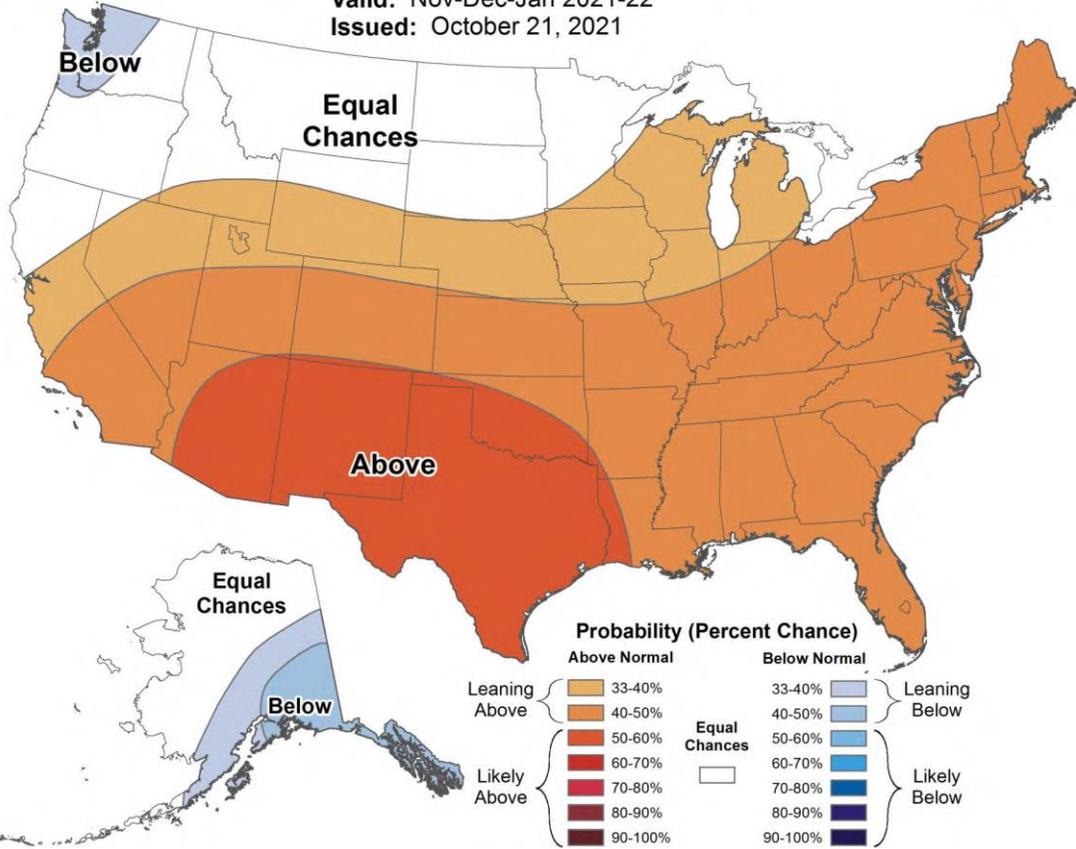
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Seasonal Temperature Outlook



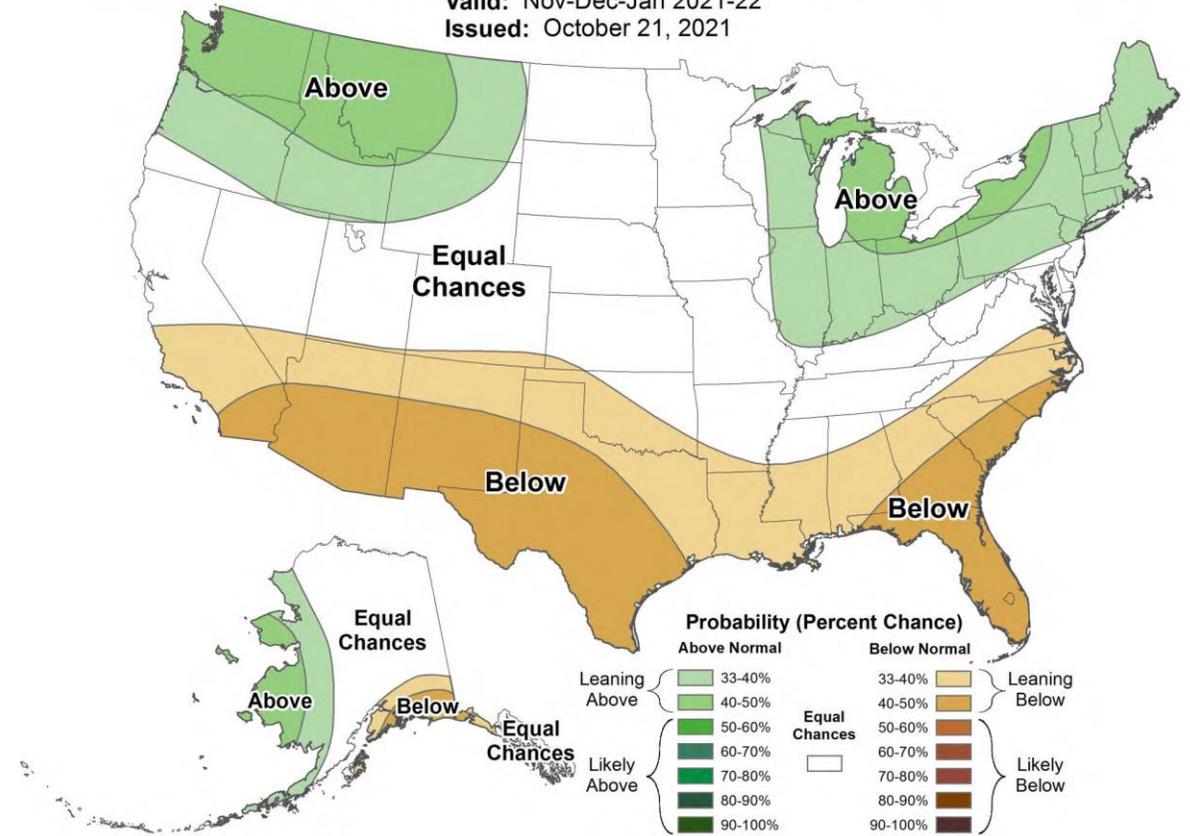
Valid: Nov-Dec-Jan 2021-22
Issued: October 21, 2021



Seasonal Precipitation Outlook



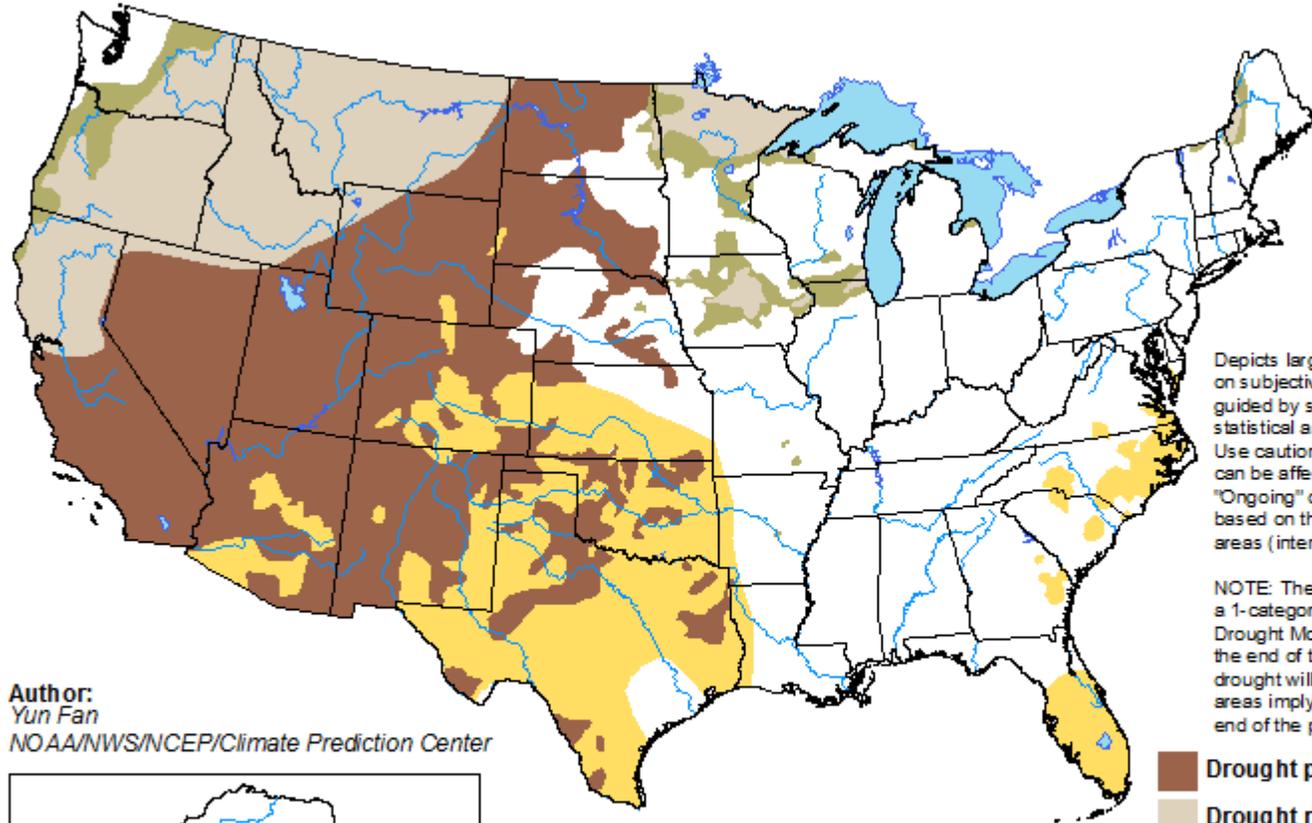
Valid: Nov-Dec-Jan 2021-22
Issued: October 21, 2021



Drought Outlook

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

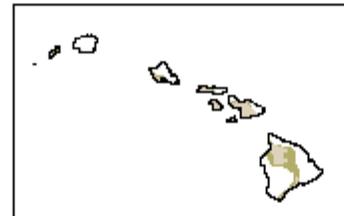
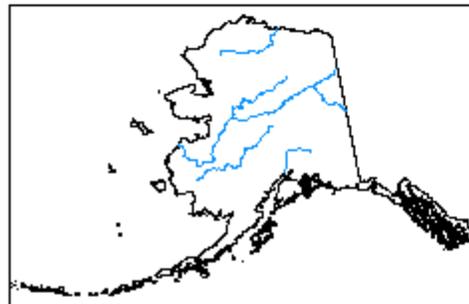
Valid for October 21, 2021 - January 31, 2022
Released October 21, 2021



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>

Drought Watch measure: Rebate Water Smart Class



March 18, 2021	12pm
March 23, 2021	4:30pm
April 6, 2021	12pm
April 15, 2021	4:30pm
May 18, 2021	12pm
May 20, 2021	12pm
May 25, 2021	12pm
June 8, 2021	12pm
June 15, 2021	12pm
June 17, 2021	4:30pm
June 22, 2021	12pm
June 23, 2021	12pm
July 1, 2021	12pm
July 20, 2021	4:30pm
August 10, 2021	12pm
August 17, 2021	12pm
September 7, 2021	12pm
September 14, 2021	12pm
October 12, 2021	12pm
October 13, 2021	12pm
November 17, 2021	12pm
December 15, 2021	12pm
January 12, 2022	12pm
February 9, 2022	12pm