



# Water Resources Division

Water Update

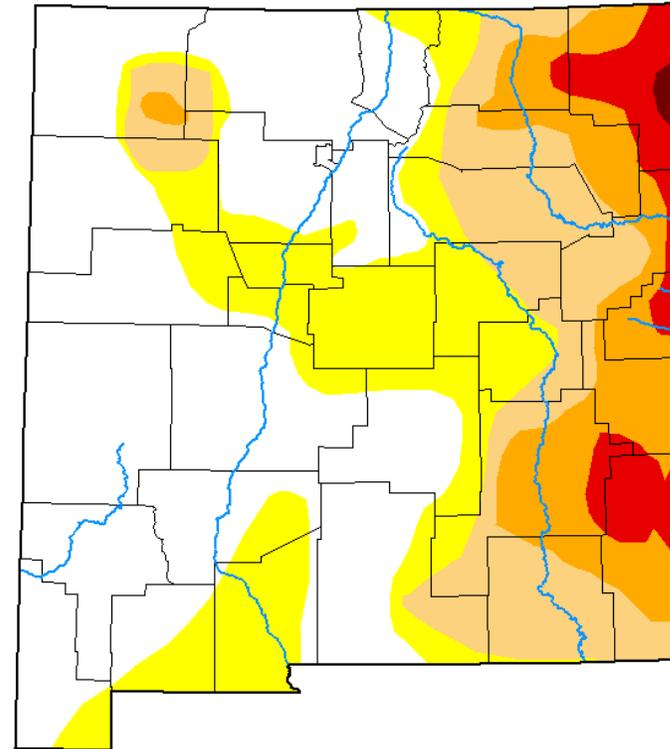
Mark Kelly, PE

Water Resources Division Manager

# Drought Monitor

## U.S. Drought Monitor New Mexico

**May 2, 2023**  
(Released Thursday, May 4, 2023)  
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	46.60	53.40	32.10	16.18	4.99	0.21
<b>Last Week</b> 04-25-2023	46.63	53.37	32.14	16.19	4.18	0.21
<b>3 Months Ago</b> 01-31-2023	17.92	82.08	47.31	18.37	3.78	0.19
<b>Start of Calendar Year</b> 01-03-2023	7.03	92.97	41.30	18.55	3.74	0.19
<b>Start of Water Year</b> 09-27-2022	0.99	99.01	76.80	31.46	6.99	0.00
<b>One Year Ago</b> 05-03-2022	0.00	100.00	98.94	95.79	79.05	24.64

**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:**

Brad Pugh  
CPC/NOAA



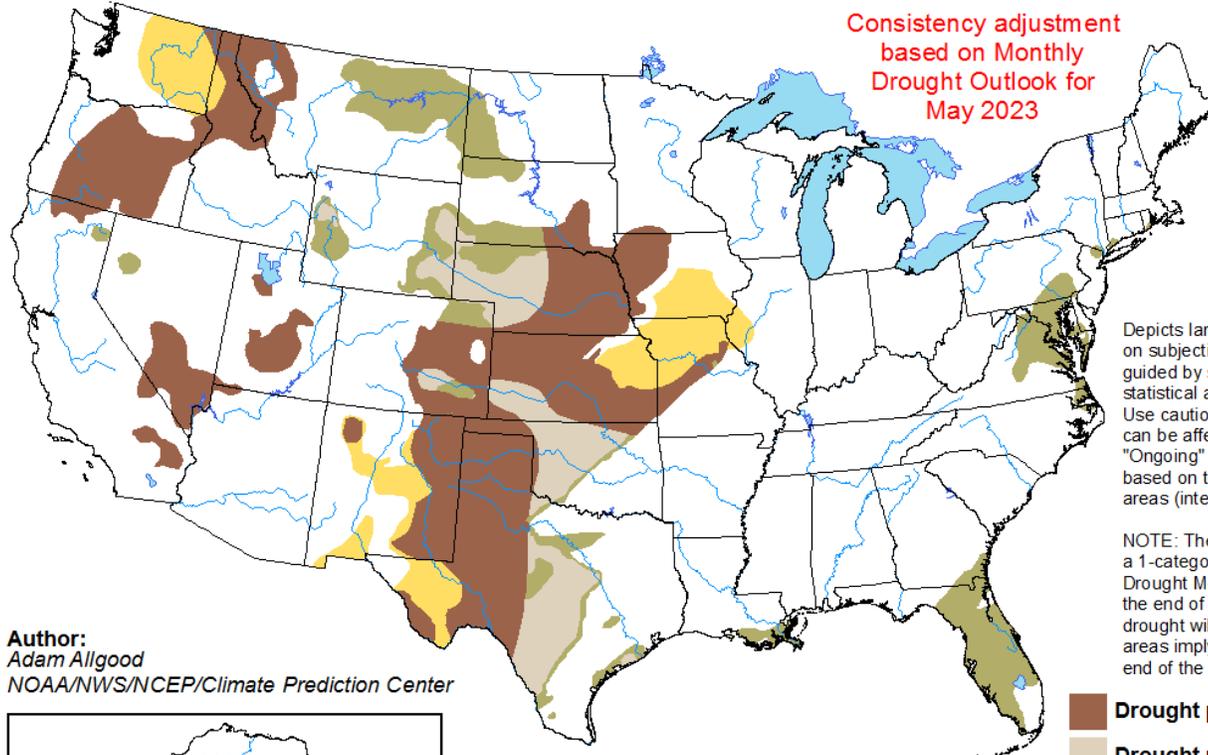
[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2023-05-02	0.07	99.93	0.00	0.00	0.00	0.00	100
Last Week	2023-04-25	0.07	99.93	0.00	0.00	0.00	0.00	100
3 Months Ago	2023-01-31	0.00	100.00	72.91	1.92	0.00	0.00	175
Start of Calendar Year	2022-12-27	0.00	100.00	72.91	1.92	0.00	0.00	175
Start of Water Year	2022-09-27	0.00	100.00	100.00	91.36	0.00	0.00	291
One Year Ago	2022-05-03	0.00	100.00	100.00	100.00	100.00	0.00	400

# Seasonal Drought Outlook

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

Valid for May 1 - July 31, 2023  
Released April 30, 2023

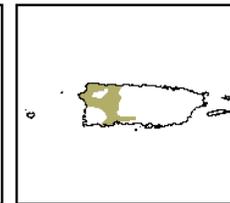
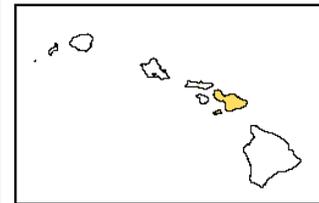
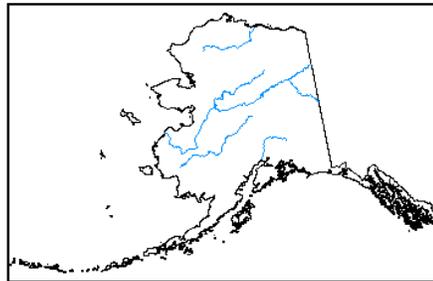


Consistency adjustment  
based on Monthly  
Drought Outlook for  
May 2023

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

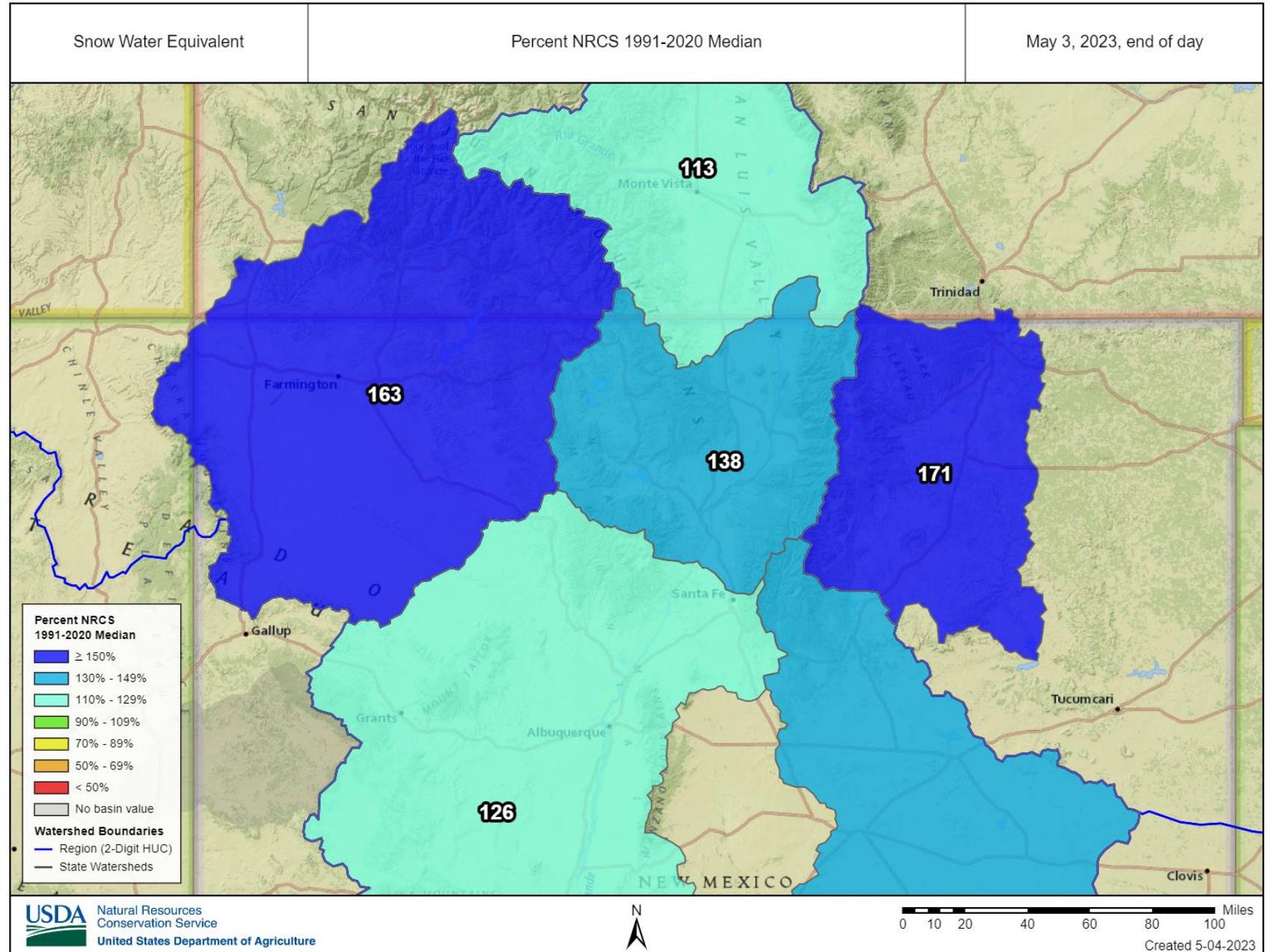


-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely

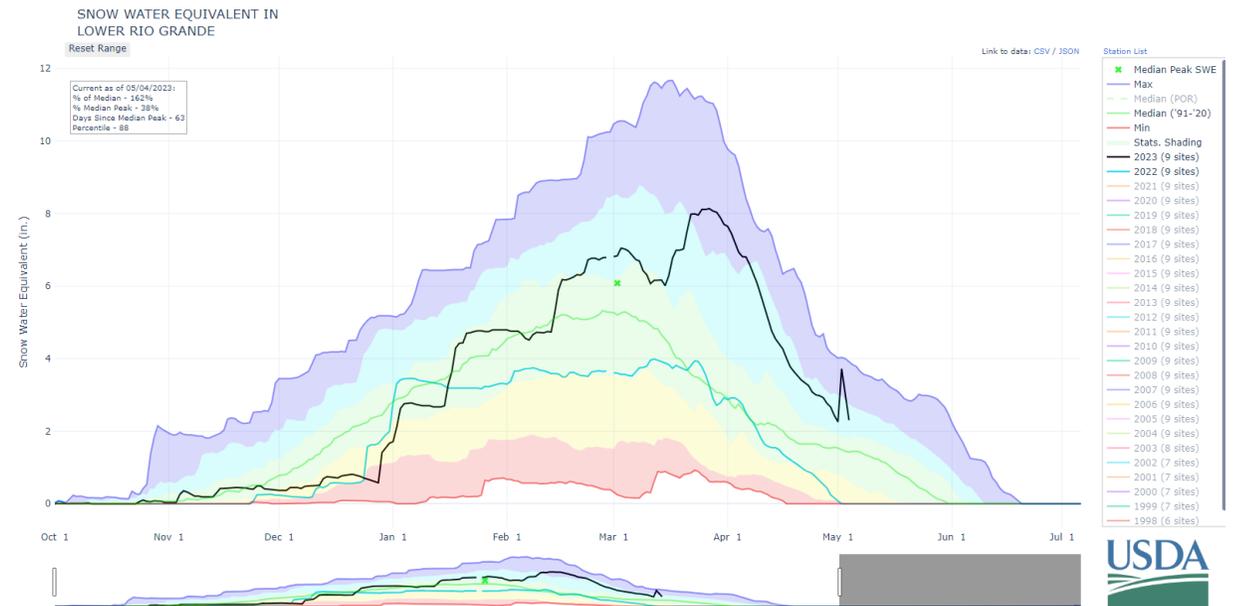
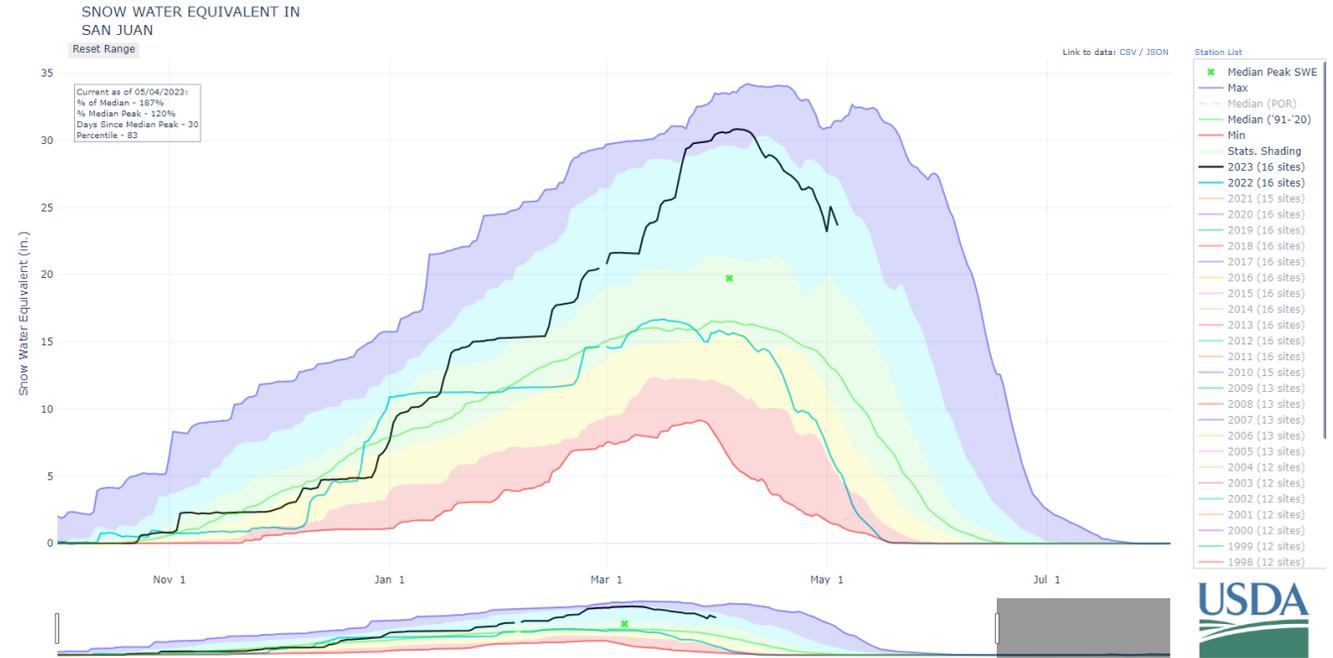


<http://go.usa.gov/3eZ73>

# Regional Snow Accumulation



# Regional Snow Accumulation



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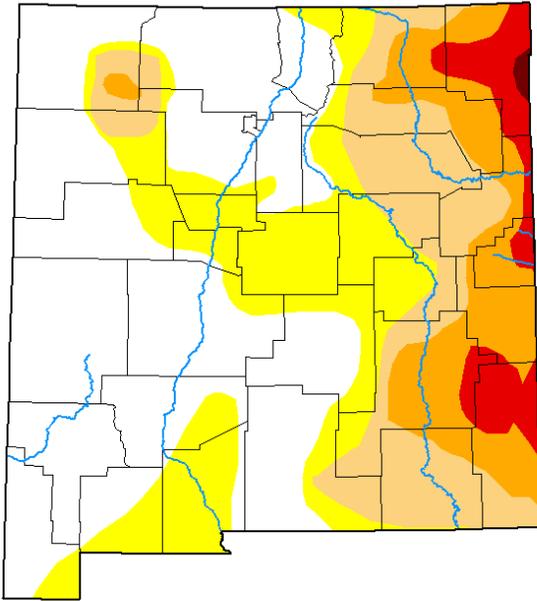
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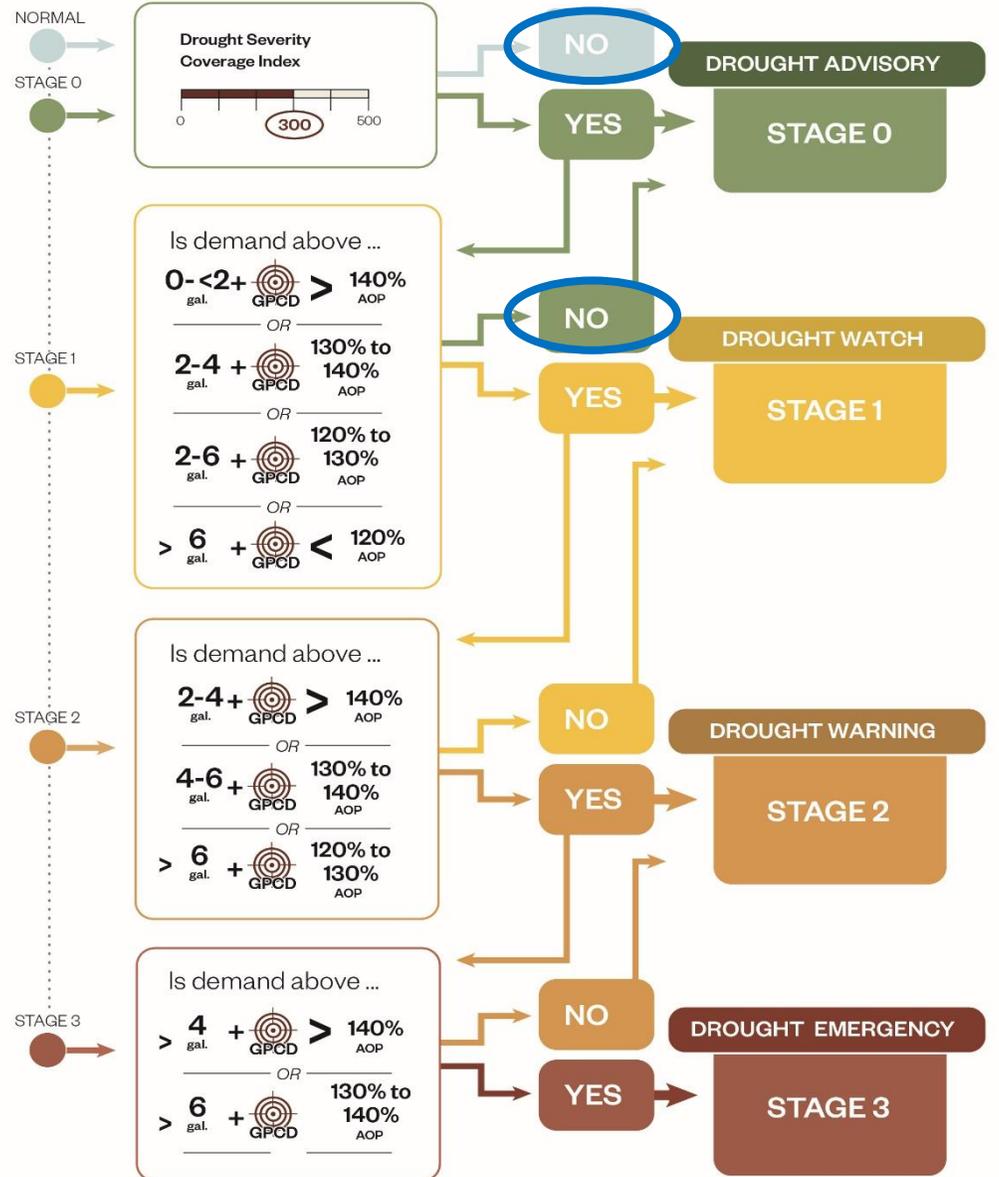


Groundwater Production / GPCD	DSCI $\geq$ 300	Less than 120% of the Annual GW Production Goal	Between 120% and 130% of GW Production Goal	Between 130% and 140% of GW Production Goal	More than 140% of the GW Production Goal
0 to < 2 GPCD over the goal	Stage 0	Stage 0	Stage 0	Stage 0	Stage 1
2-4 GPCD over the goal	Stage 0	Stage 0	Stage 1	Stage 1	Stage 2
4-6 GPCD over the goal	Stage 0	Stage 0	Stage 1	Stage 2	Stage 3
> 6 GPCD over the goal	Stage 0	Stage 1	Stage 2	Stage 3	Stage 3

# Monthly Drought Assessment

START → TRIGGERS → ASSESSMENT RESULT & MEASURES

Monthly assessment begins at stage determined by the previous assessment





Questions?