

Drought Status & Drought Program Upcoming Activities

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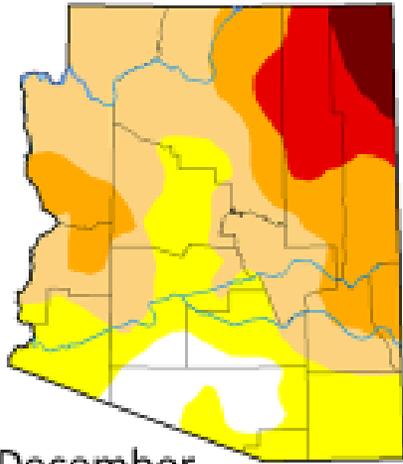


Credit: Dave Dilli Photography

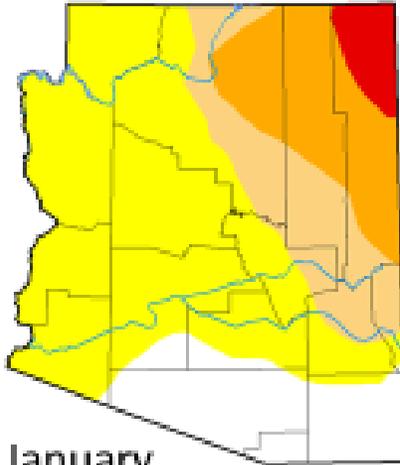
Overview:

- 1. June Short-Term Drought Status Report**
- 2. April - June Long-Term Drought Status Report**
- 3. Short-Term vs. Long-Term Drought**

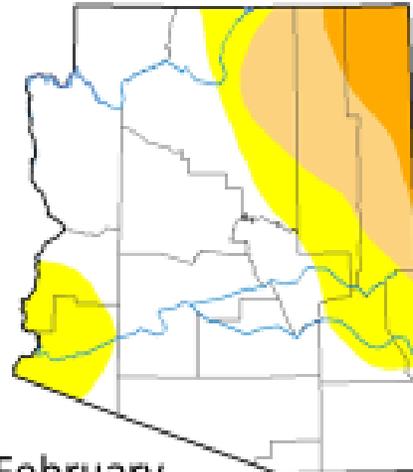
Short-Term Drought Status Maps



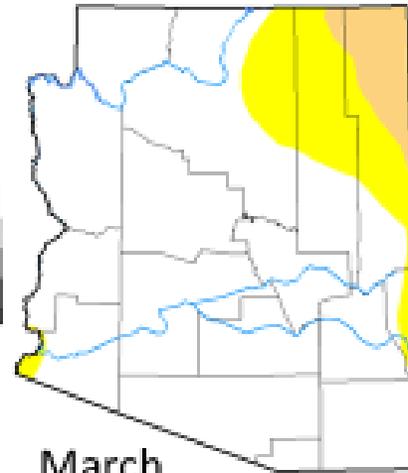
December



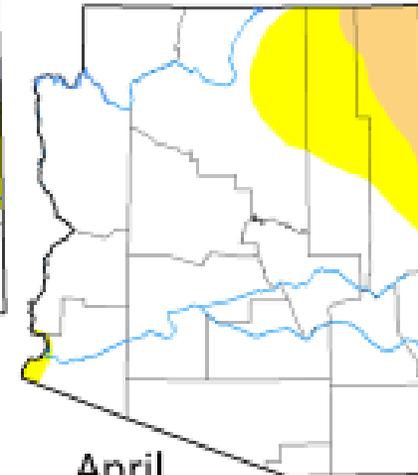
January



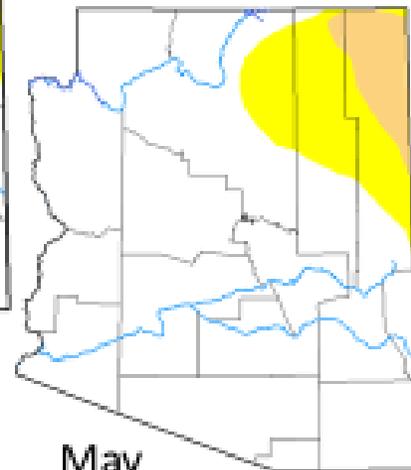
February



March



April

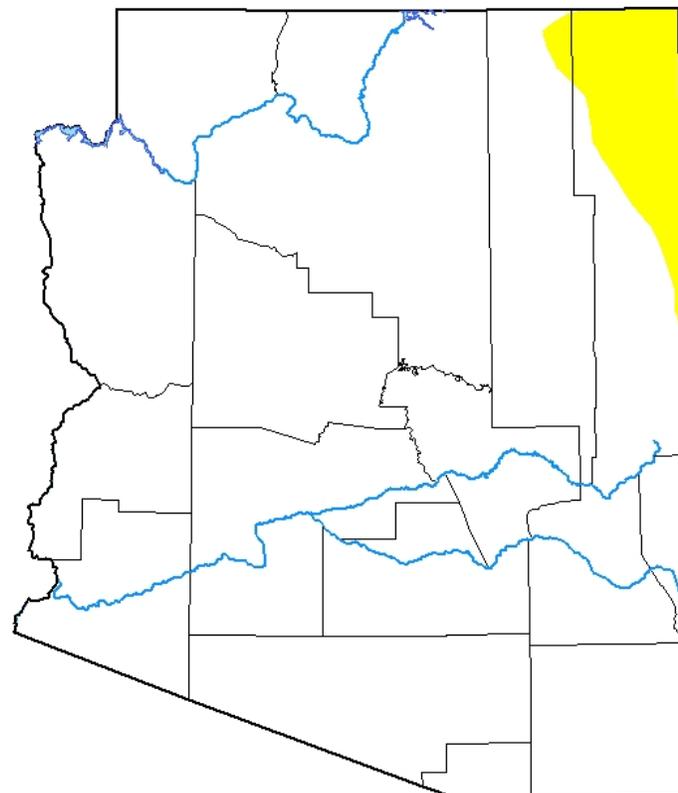


May

Past 6 Months

June Short-Term Drought Status Report

U.S. Drought Monitor Arizona



July 2, 2019
(Released Wednesday, Jul. 3, 2019)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	95.31	4.69	0.00	0.00	0.00	0.00
Last Week <i>06-25-2019</i>	95.31	4.69	0.00	0.00	0.00	0.00
3 Months Ago <i>04-02-2019</i>	82.23	17.77	4.63	0.00	0.00	0.00
Start of Calendar Year <i>01-01-2019</i>	7.38	92.62	66.78	32.09	12.60	3.30
Start of Water Year <i>09-23-2018</i>	0.00	100.00	100.00	83.98	41.92	8.62
One Year Ago <i>07-03-2018</i>	0.00	100.00	100.00	97.05	73.62	15.71

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. See accompanying text summary for forecast statements.

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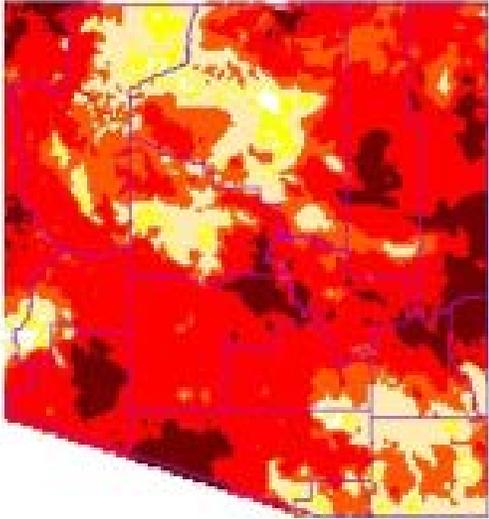


droughtmonitor.unl.edu



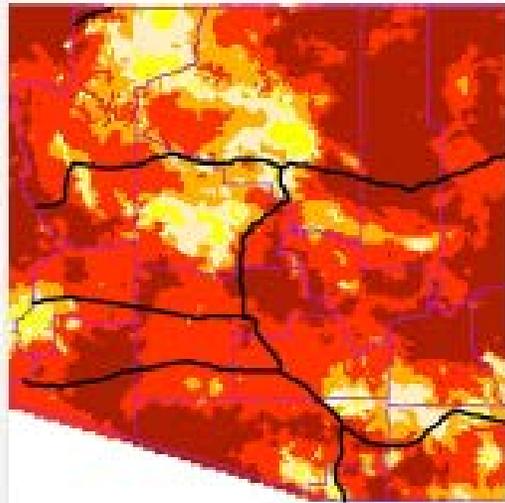
Long-Term Drought Status Maps

Long-Term Drought: July 2018



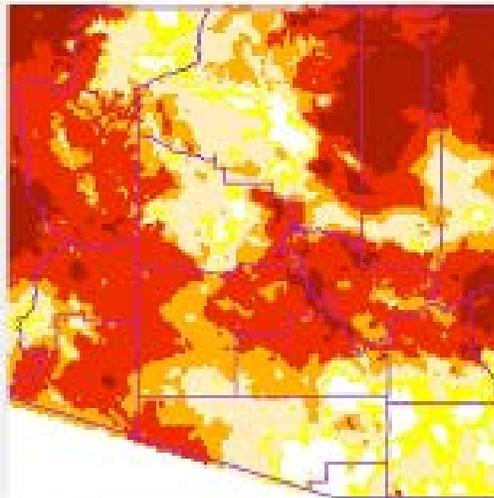
July 2018

July - September Long Term Drought 2018



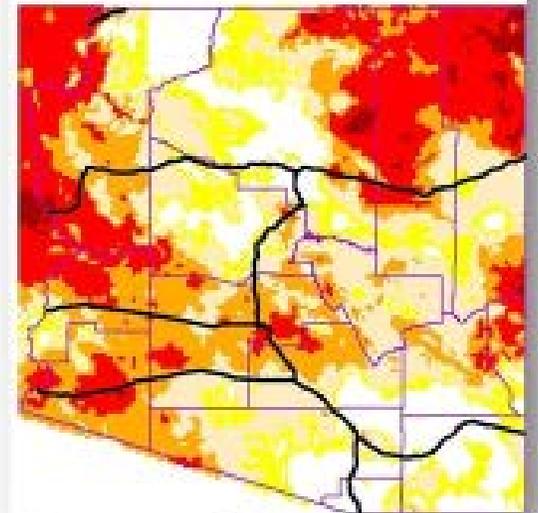
October 2018

Oct - Dec 2018 Long-Term Drought



January 2019

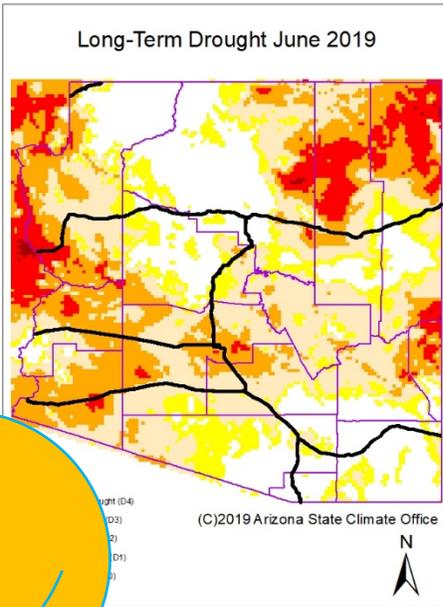
Long-Term Drought March 2019



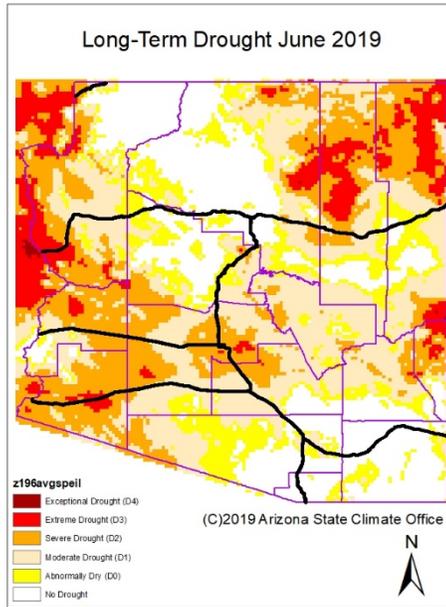
April 2019

Past Year

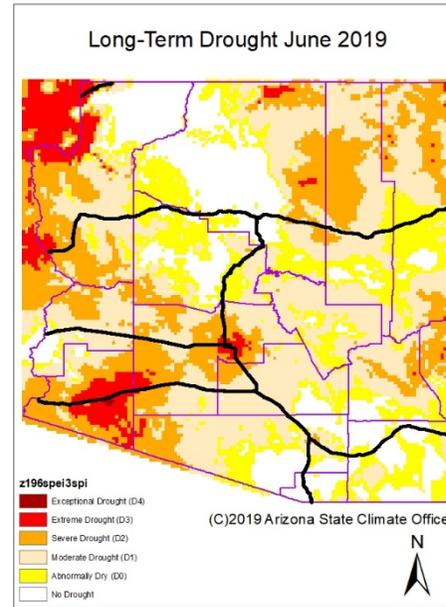
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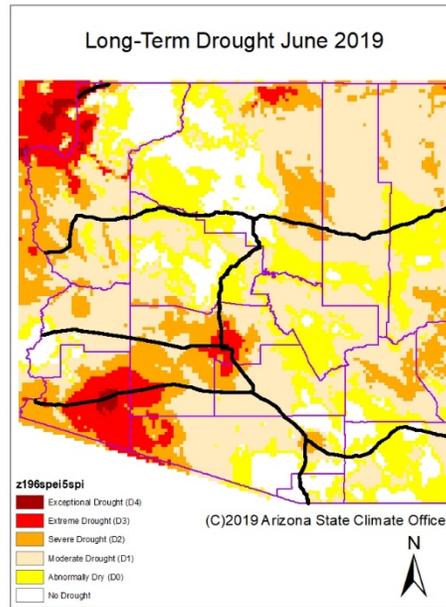
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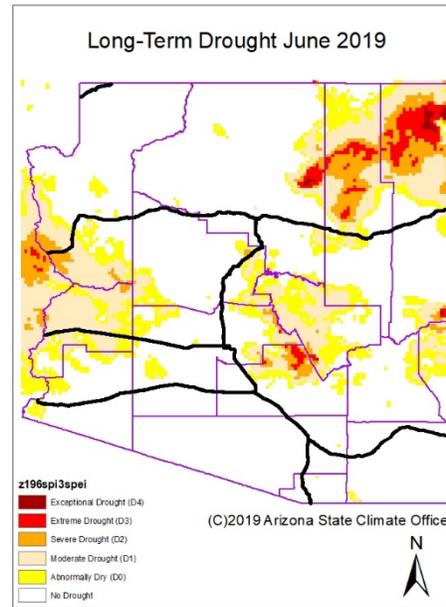
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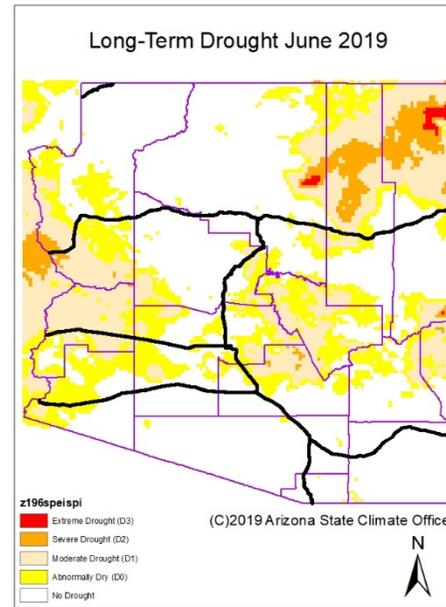
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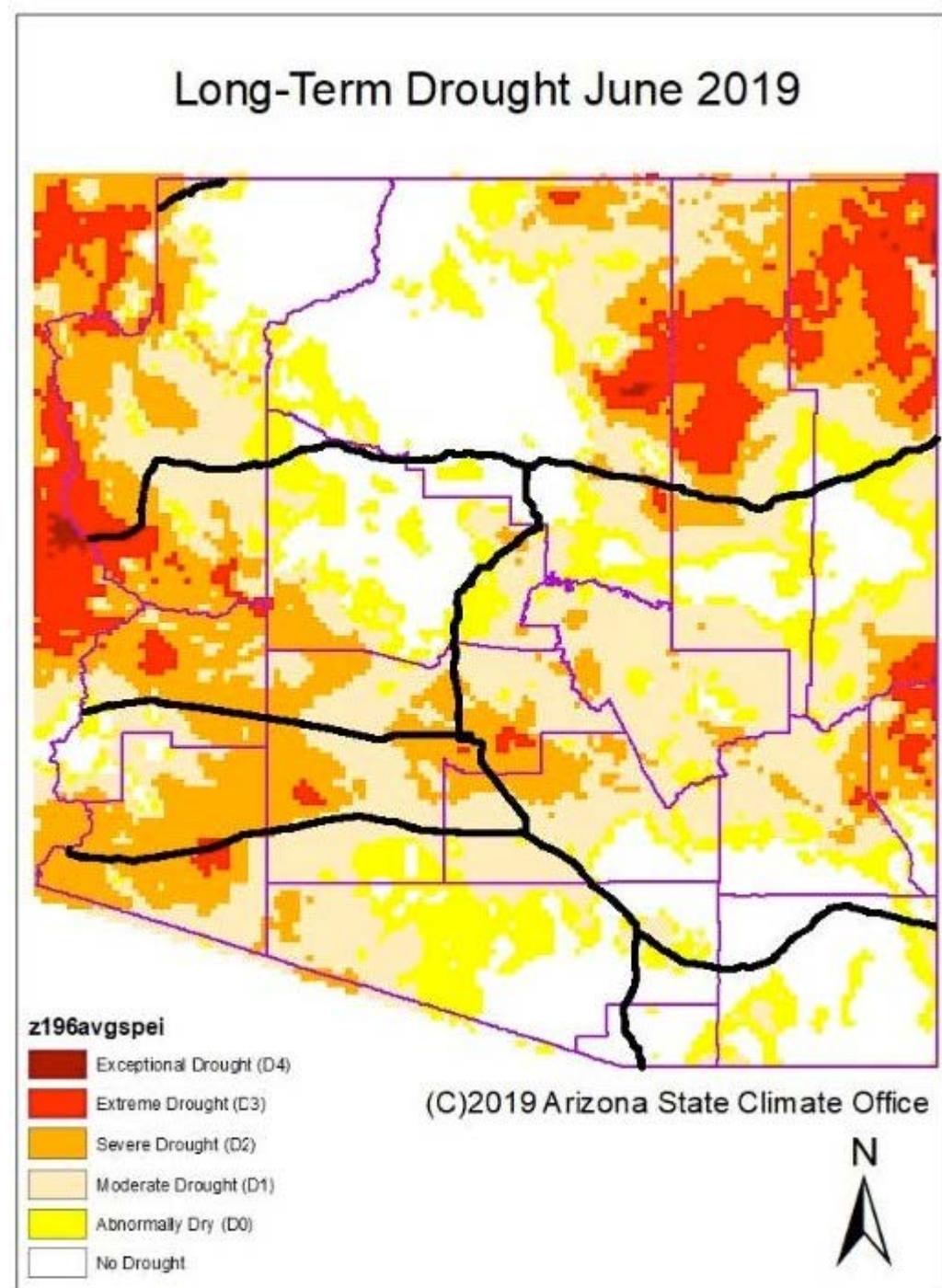
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April - June Long-Term Drought Status Report



Short-Term vs. Long-Term Drought

What is the difference?

Short-Term vs. Long-Term Drought

Points to Consider:

- Most indicators of the U.S. Drought Monitor (streamflow, soil moisture, SPI, PDSI) are focused on short-term drought with time scales less than 12 months
- The Monitoring Technical Committee creates a drought map for Arizona based on 24-month and longer time scales focusing on SPEI data to capture the impacts of long-term drought
- *One good winter does not completely alleviate long-term drought built up through many years in a warming climate*



- <https://droughtmonitor.unl.edu/AboutUSDAM/WhatIsTheUSDAM.aspx>
- <https://new.azwater.gov/news/articles/2019-21-06>