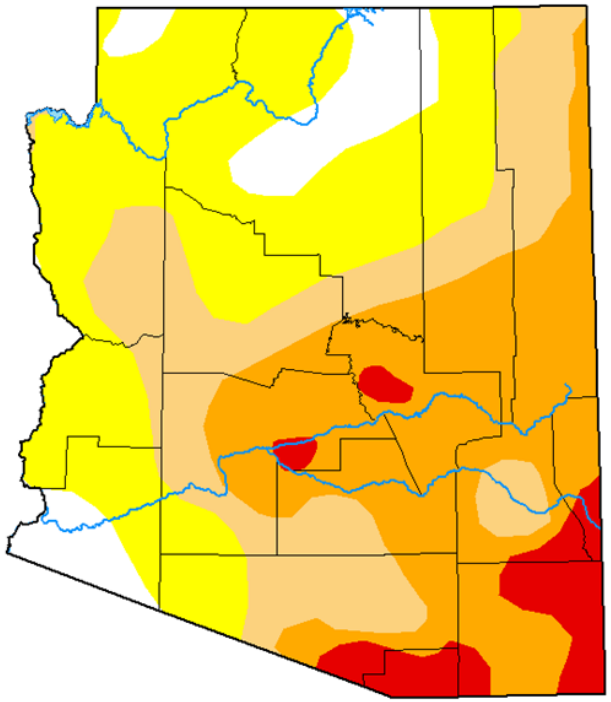
ARIZONA SHORT-TERM DROUGHT STATUS REPORT

OCTOBER 2023

While October is climatologically the fifth driest month of the year, overall, much of the state recorded below average precipitation. Yuma, La Paz, Maricopa, and northwestern Pinal counties had no measurable precipitation. Santa Cruz together with an adjacent area of southern Pima county and portions of southern Hopi Reservation received near-normal precipitation. Statewide temperatures were much above average in October.



November 7, 2023
(Released Thursday, Nov. 9, 2023)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	8.18	91.82	57.19	34.84	6.09	0.00
Last Week 10-31-2023	8.17	91.83	55.78	32.15	6.09	0.00
3 Months Ago 08-08-2023	14.66	85.34	28.81	0.00	0.00	0.00
Start of Calendar Year 01-03-2023	12.40	87.60	38.94	7.85	0.00	0.00
Start of Water Year 09-26-2023	8.12	91.88	47.06	22.74	5.34	0.00
One Year Ago 11-08-2022	0.00	100.00	46.83	12.78	0.00	0.00

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:
Lindsay Johnson
National Drought Mitigation Center

droughtmonitor.unl.edu

At the end of October, Moderate (D1) or Severe (D2) short-term drought had expanded into every county (51% of state), although Yuma, La Paz, and Coconino counites still held a good portion of Abnormally Dry (DO) conditions or no measures of short-term drought (43% of state). Extreme (D3) short-term drought continued in Santa Cruz County, southern Pima, eastern Cochise, southern Graham, Greenlee counties, the Phoenix metropolitan area in Maricopa County, and the Sierra Ancha Wilderness north of Roosevelt Lake in Gila County (6% of state).

El Nino conditions have become well established across the tropical Pacific and will persist into spring 2024. However, climate models suggest little to no tilt in odds with respect to winter temperatures and precipitation totals.

Summary produced by the State Drought Monitoring Technical Committee — November 13, 2023