



Drought Information Statement for Southeast Arizona

Valid April 25, 2024

Issued By: National Weather Service Tucson, AZ

Contact Information: w-twc.webmaster@noaa.gov

- This product will be updated when drought conditions worsen significantly.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/twc/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
-
- Drought conditions continue to improve from west to east.
 - Severe drought conditions across southern Greenlee county, far southeast Graham county and the eastern half of Cochise county.
 - Moderate drought conditions across the remainder of Greenlee county, eastern half of Graham county and central Cochise county.
 - Elsewhere its abnormally dry or no drought at all



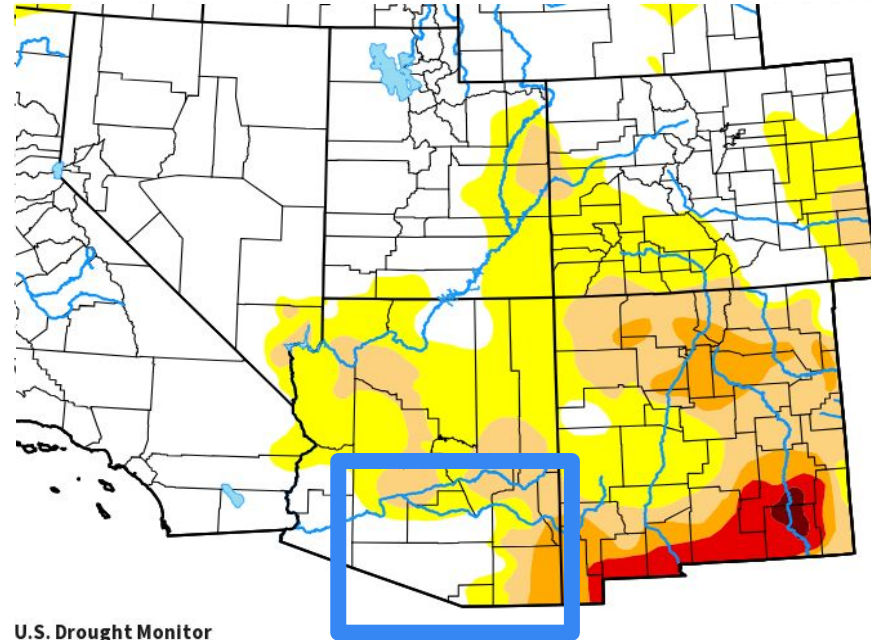


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for southeast Arizona

- Drought intensity and Extent
 - **D3 (Extreme Drought)**: No areas.
 - **D2 (Severe Drought)**: Far southern Greenlee county, far southeast Graham county and the eastern half of Cochise county.
 - **D1 (Moderate Drought)**: The remainder of Greenlee county, eastern half of Graham county and central Cochise county
 - **D0: (Abnormally Dry)**: Far eastern Pinal county, eastern Pima county, west-central Cochise county and all of Santa Cruz county.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Date Valid: 04/23/24

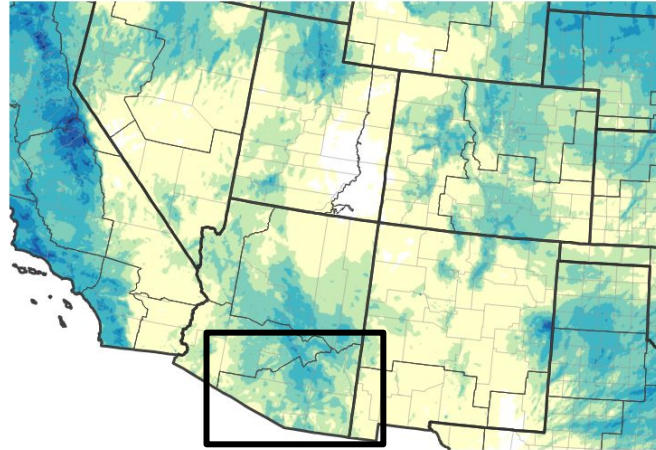




Precipitation

- Most of southeast Arizona has seen above normal total precipitation over the past 30 days.

30-Day Precipitation Accumulations (Inches)

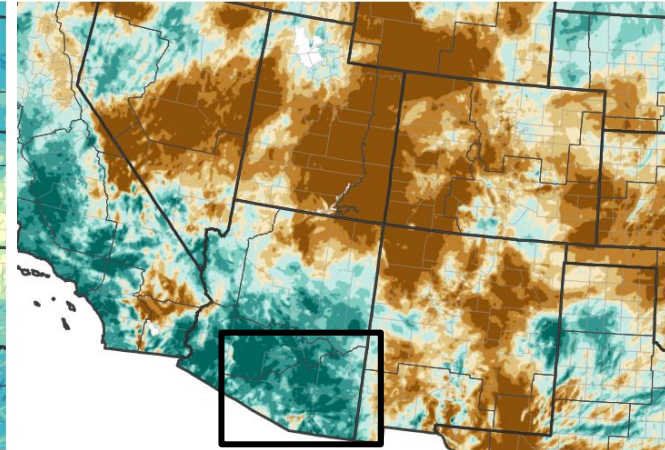


Inches of Precipitation

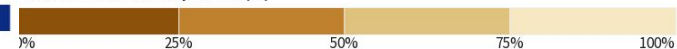


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 04/24/24

30-Day Percent of Normal Precipitation

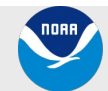


Percent of Normal Precipitation (%)



100% 150% 200% 300%
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 04/24/24

Data over the past 30 days ending April 24, 2024

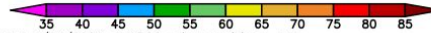
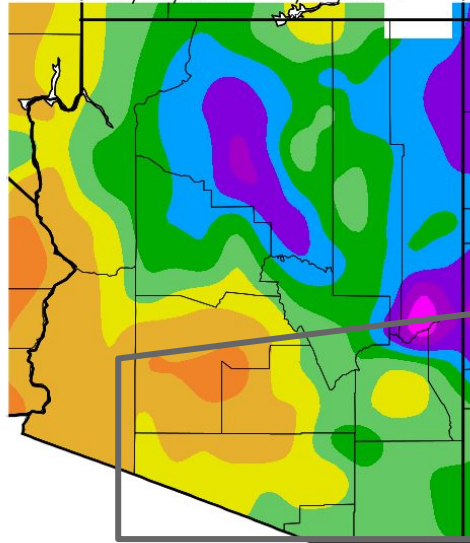




Temperature

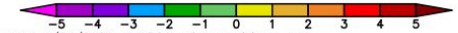
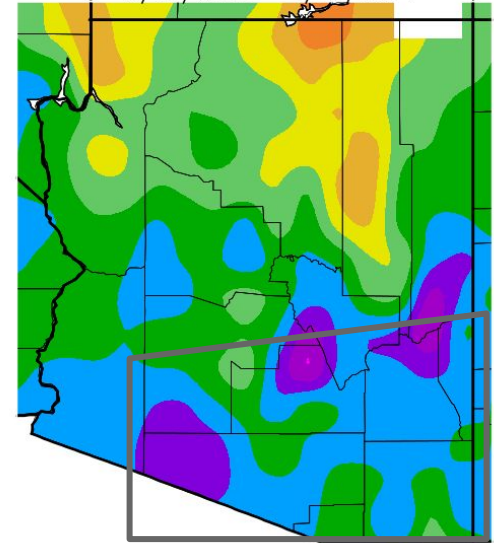
- Average temperatures over the past 30 days have been mostly **2° to 4° below normal** for southeast Arizona.

Ave. Temperature (deg. F)
3/25/2024 – 4/23/2024



Generated 4/24/2024 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
3/25/2024 – 4/23/2024



Generated 4/24/2024 at WRCC using provisional data.
NOAA Regional Climate Centers

Image Captions:

Left - [Average Temperature for Arizona w/southeast Arizona in highlighted gray box](#)

Right - [Departure from Normal Temperature for Arizona w/southeast Arizona in highlighted gray box](#)

Data Courtesy Western Regional Climate Center.
Data over the past 30 days ending April 23, 2024





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Majority of the river basins in Southeastern Arizona have normal to above normal streamflow conditions. With the exception of the Upper San Pedro River Basin remaining at much below normal. ([USGS Streamflow](#))

Agricultural Impacts

- Soil moisture values have improved thanks to the widespread rain but are still on the dry side across the area. ([Current Soil Moisture Observations](#))

Fire Hazard Impacts

- Greenup process has been under the way since the beginning of April for most of the region. A few areas already cured due to the recent warming temperature trend and lower relative humidity, mainly in the lower elevations. Fire danger will increase in late April and into May as more fuels will continue to dry out, especially on windy, warmer temperatures, and lower humidity days.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.

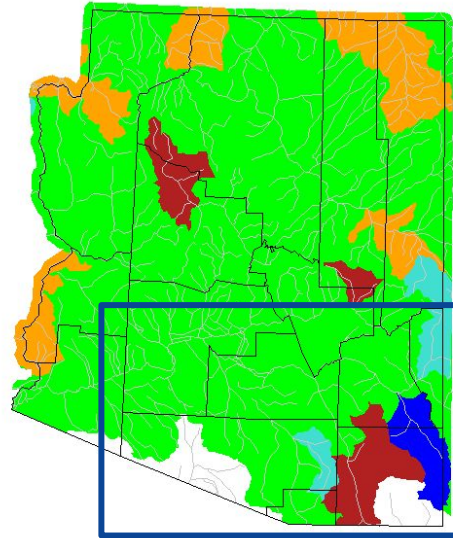




Hydrologic Conditions and Impacts

Tuesday, April 23, 2024

- Majority of the river basins in Southeastern Arizona have normal to above normal streamflow conditions. With the exception of the Upper San Pedro River Basin remaining at much below normal.



5

Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow HUC map valid April 23, 2024





Agricultural Impacts ??

- Soil moisture values are near normal for this time of the year across southeast Arizona.

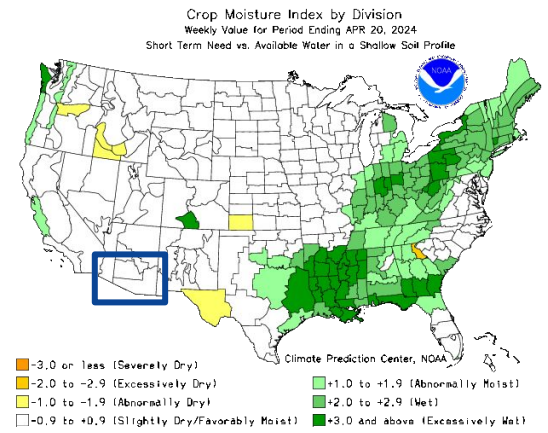
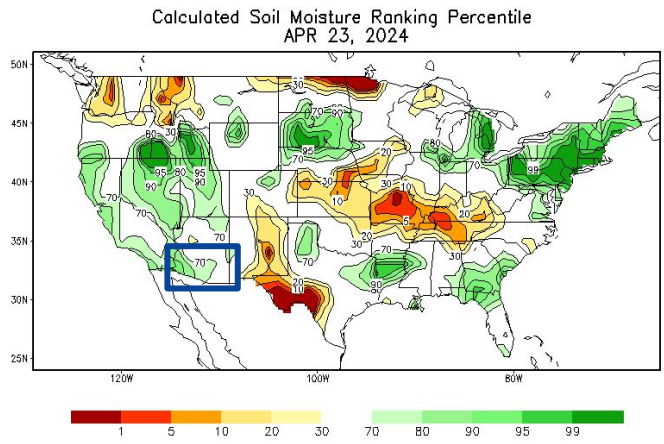


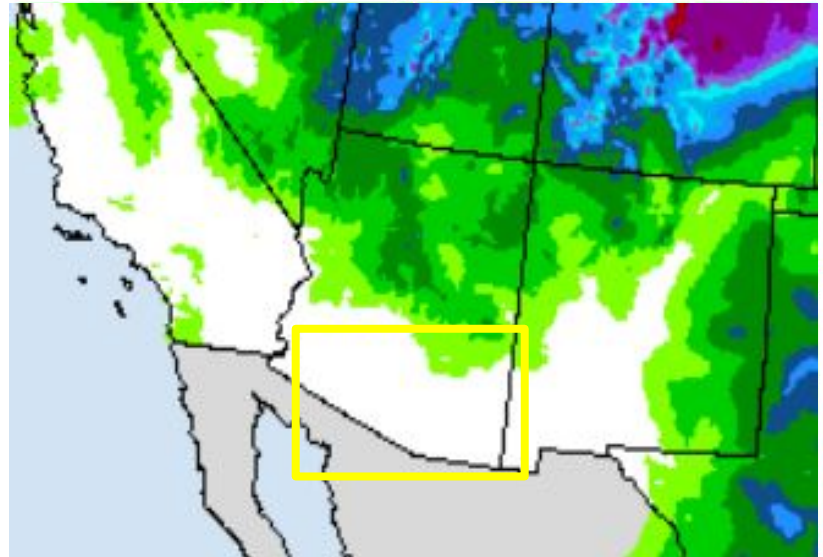
Image Captions:
 Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid April 23, 2024
 Right: [Crop Moisture Index by Division](#). Weekly value for period ending April 20, 2024



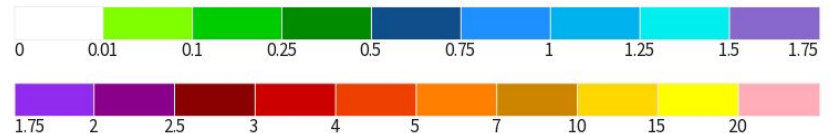
Seven Day Precipitation Forecast

- Dry for the majority of southeast Arizona as the calendar turns from April to May over the next 7 days.
- The exception will be the White Mountains northeast of Safford on Saturday, April 27, as a weather system moving through the state brings a chance of light rain/snow showers to that area.

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Date Valid: 04/25/24

Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday April 25 to Thursday May 2





Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The Climate Prediction center outlook for **May through July** for southeast Arizona showed seasonal mean temperatures leaning above normal.
- The outlook for seasonal total precipitation showed equal odds for either above, near or below normal for most of southeast Arizona. The exception was below normal seasonal precipitation near the Nex Mexico border.

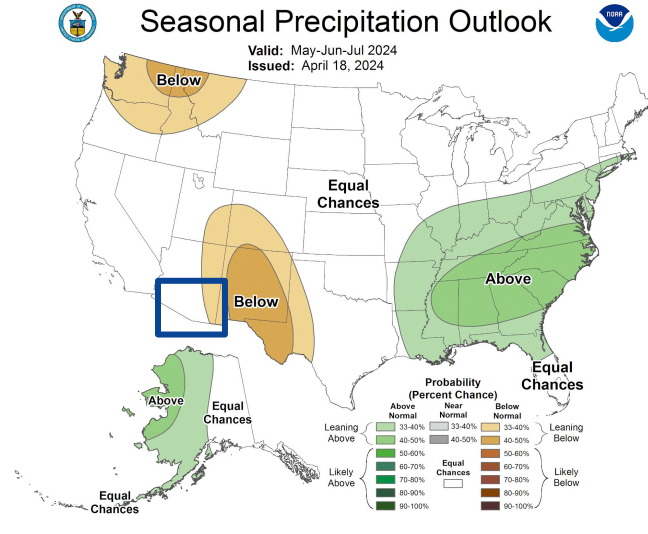
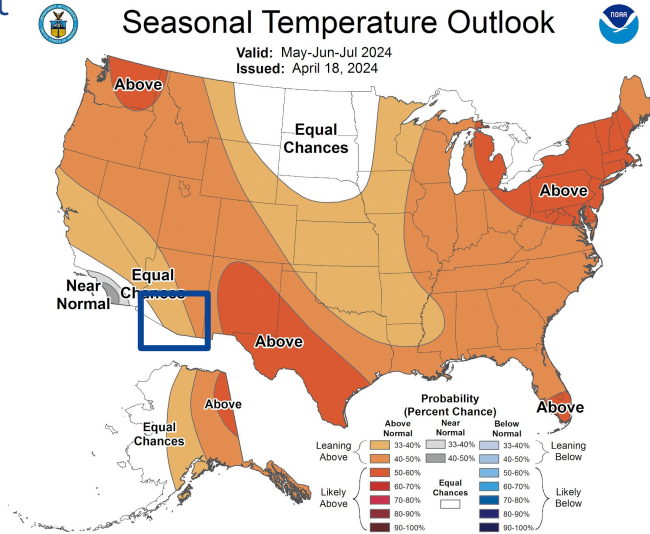


Image Captions:

Left - [Climate Prediction Center Seasonal Temperature Outlook](#).

Right - [Climate Prediction Center Seasonal Precipitation Outlook](#).

Valid May to July 2024



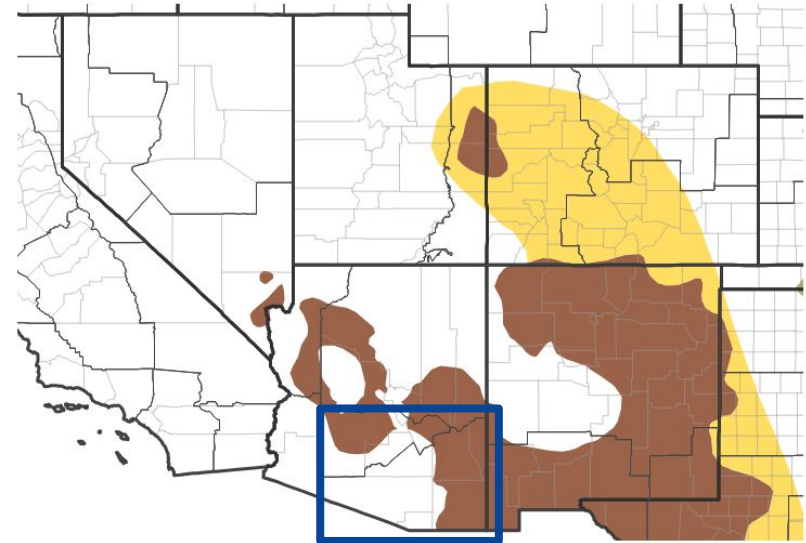


Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions are likely to persist across Graham, Greenlee and Cochise county through the end of July.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Data Valid: 04/18/24

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released April 18, 2024 valid for April 18 to July 31, 2024

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

