



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 12, 2023

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – APRIL 30, 2023

Total water production (potable and non-potable) was 5,505 acre-feet (AF), including 612 AF produced and wheeled for Western Municipal Water District (WMWD) for the month of April and for Fiscal Year 2022-23 to date, total water production and deliveries of 60,618 AF which decreased by 9,310 AF (13.3%) from the same period last fiscal year, as shown in Figure 1. Total production by calendar year is shown in Figure 2. The annual rolling production totals by month are shown in Figure 3. In April, the peak water usage on the potable water distribution system was 65.2 million gallons per day (MGD) and occurred on April 28, 2023, as shown in Figure 4.

April potable water production totaled 4,805 AF, which decreased from last April by 1,196 AF (20%). Under the Cooperative Surplus Water Sales and Emergency Water Agreements with WMWD and the City of Norco, RPU delivered no water in April.

In April, RPU's Gallons Per-Capita per Day (GPCD) was 152, and its Residential Gallons Per-Capita per Day (R-GPCD) was 86. RPU's annual rolling GPCD was 175, which is below the compliance target specified in SB X7-7 (i.e., 20% reduction by 2020) of 213. RPU's annual rolling R-GPCD was 101 as shown in Figure 5. The new performance standards related to water use efficiency are being finalized and are set to be adopted in late 2023.

The weather conditions in the City of Riverside showed that April 2023 was cooler by 0.5 degrees compared to April last year and experienced a decrease of 0.16 inches of rainfall compared to April 2022

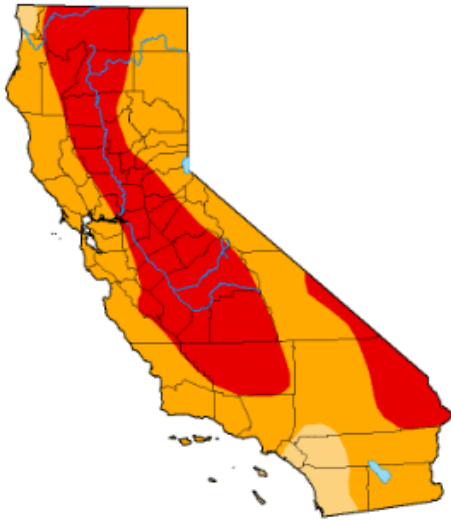
On a regional scale, the link below provides real-time updates on the progression and intensity of the Drought within the State:

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>

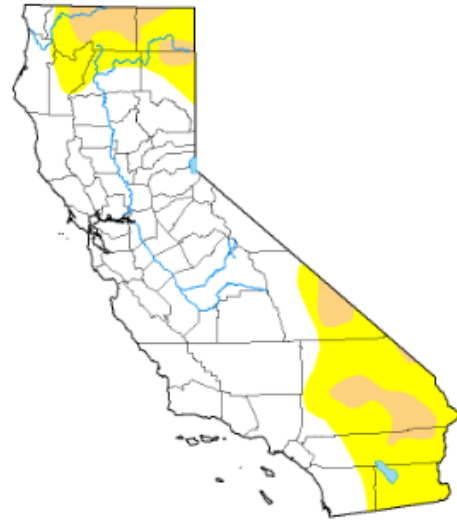
The figures below show the drought conditions throughout the State between April 2022 and April 2023, and an annual class change map for improvement or degradation in the drought conditions.

Drought Classification

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

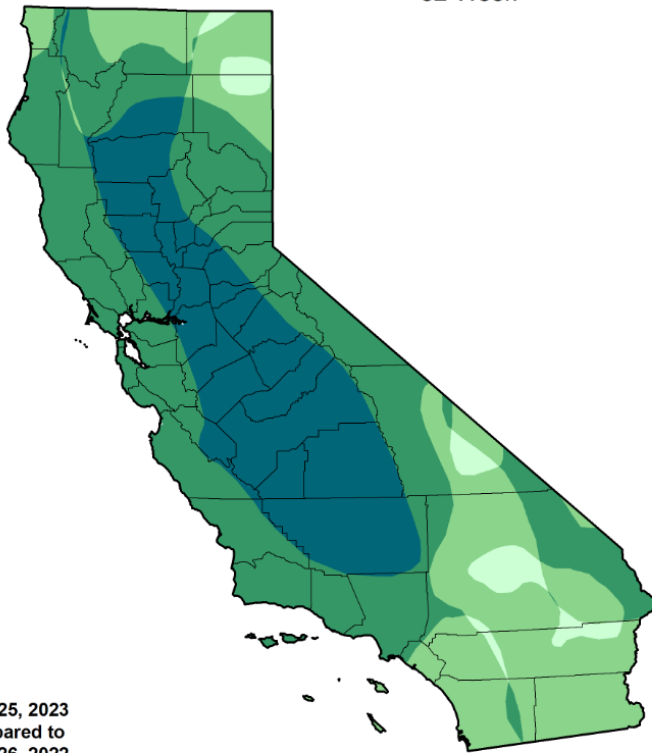


< April 26, 2022 >



< April 25, 2023 >

U.S. Drought Monitor Class Change - California 52 Week



April 25, 2023
compared to
April 26, 2022



- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

droughtmonitor.unl.edu

Significant events for the water system in April 2023.

Date	Site	Issue	Comments	Status
August 2022 - Current	Gage 46-1R	Loss of production waiting rehab	Pump Pulled, awaiting evaluation	Out of Service
June 21 - Current	Stiles	Pump/Casing	Evaluating	Out of Service
January- Current	Garner 6	Well Rehab	Well taken OOS for Rehab	Out of Service
January - Current	Garner D	Well Rehab	Well taken OOS for Rehab	Out of Service
April - Current	Gage 92-1	Motor / Pump	Rehabbing, lowering pump, replacing motor	Out of Service
March - Current	Gage 29-2		Drilling phase of 29-2R	Out of Service

Basin Groundwater Levels

Groundwater levels in the Bunker Hill, Rialto-Colton, and Riverside North basins are continuing to show a long-term declining trend, while groundwater levels in the Riverside South Basin remain relatively stable as shown in Figure 6. Water levels increased by 4 feet in the Bunker Hill Basin compared to April of last year. Water levels in the Rialto-Colton Basin increased by 3 feet compared to April of last year. Water levels in the Riverside North Basin increased by 36 feet while water levels in the Riverside South Basin remained relatively unchanged compared to April of last year.