



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 9, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT - March 31, 2022

In March, RPU's total water production was 6,790 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In March, the peak water usage on the potable water distribution system was 69.3 million gallons per day (MGD) and occurred on March 25, 2022, as shown in Figure 4.

RPU's potable water supply, including deliveries to Western Municipal Water District (WMWD), and the City of Norco totaled 5,788 AF, which increased from last March by 731 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 591 AF was wheeled to WMWD during March. During this 2021/22 fiscal year, a total of 3,703 AF of potable water has been delivered to WMWD. And Under the Agreement for the Sale of Surplus Potable Water and Emergency Water, RPU delivered 0 AF to Norco in March 2021.

In March, RPU's Gallons Per-Capita per Day (GPCD) was 175, and its Residential Gallons Per-Capita per Day (R-GPCD) was 100. RPU's annual rolling GPCD was 192, 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 112 as shown in Figure 5. The new performance standards are being finalized and will be implemented in 2023.

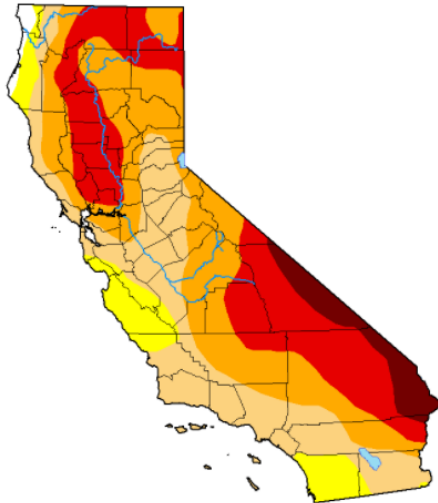
Weather conditions within the City of Riverside showed that March of 2022 was warmer by 6.2 degrees from March last year and experienced a decrease of .44 inches of rainfall compared to March 2021.

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

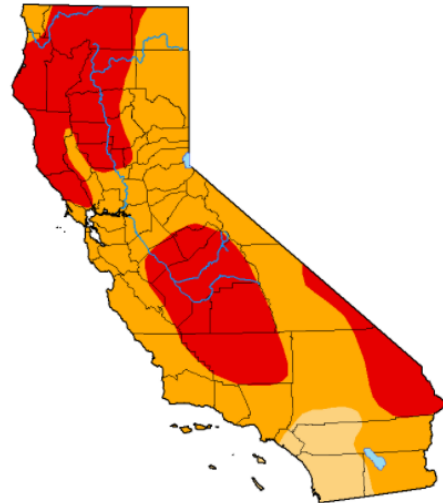
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>

The figures below show the drought conditions throughout the State between March 2021 and March 2022, and an annual class change map for improvement or degradation in the drought conditions.

Drought Classification

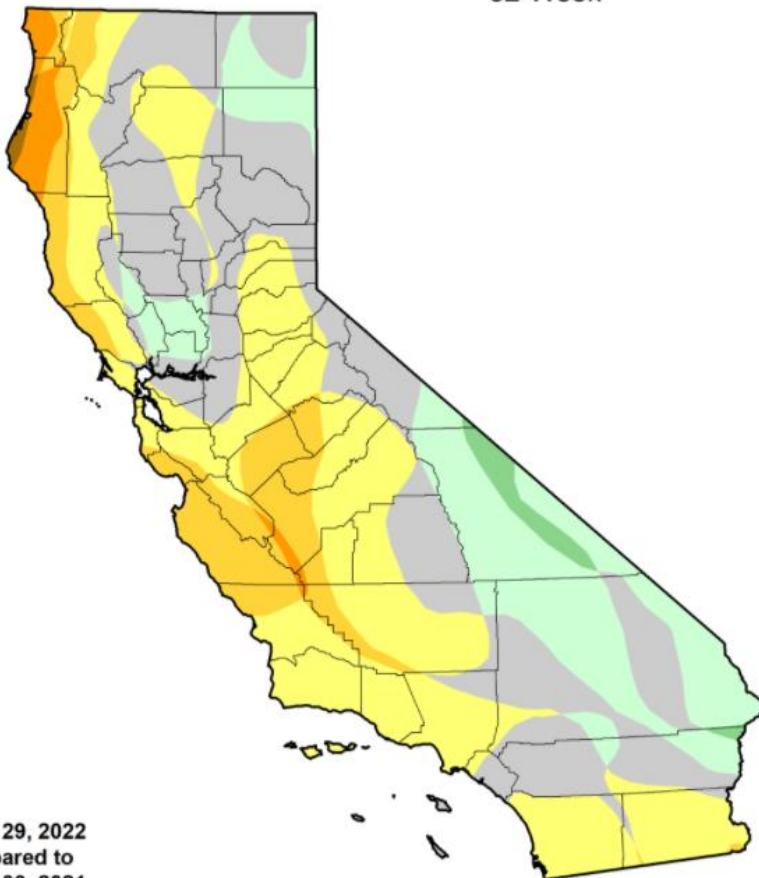


< March 30, 2021 >



< March 29, 2022 >

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



March 29, 2022
compared to
March 30, 2021



droughtmonitor.unl.edu

There were no significant events for the water system in March 2022.

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 decreased by 15 feet in the Bunker Hill Basin compared to March of last year. Water levels in the Rialto-Colton Basin remained constant as compared to March of last year. Water levels in the Riverside North Basin decreased by 3 feet and the levels in the Riverside South Basin remained constant as compared to March of last year.