



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 13, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – April 30, 2022

In April, RPU's total water production was 7,132 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In April, the peak water usage on the potable water distribution system was 69.9 million gallons per day (MGD) and occurred on April 29, 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 6,001 AF, which decreased from last April by 136 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD, 645 AF was wheeled to WMWD during April. During this 2021/22 fiscal year, a total of 4,348 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 April 2022.

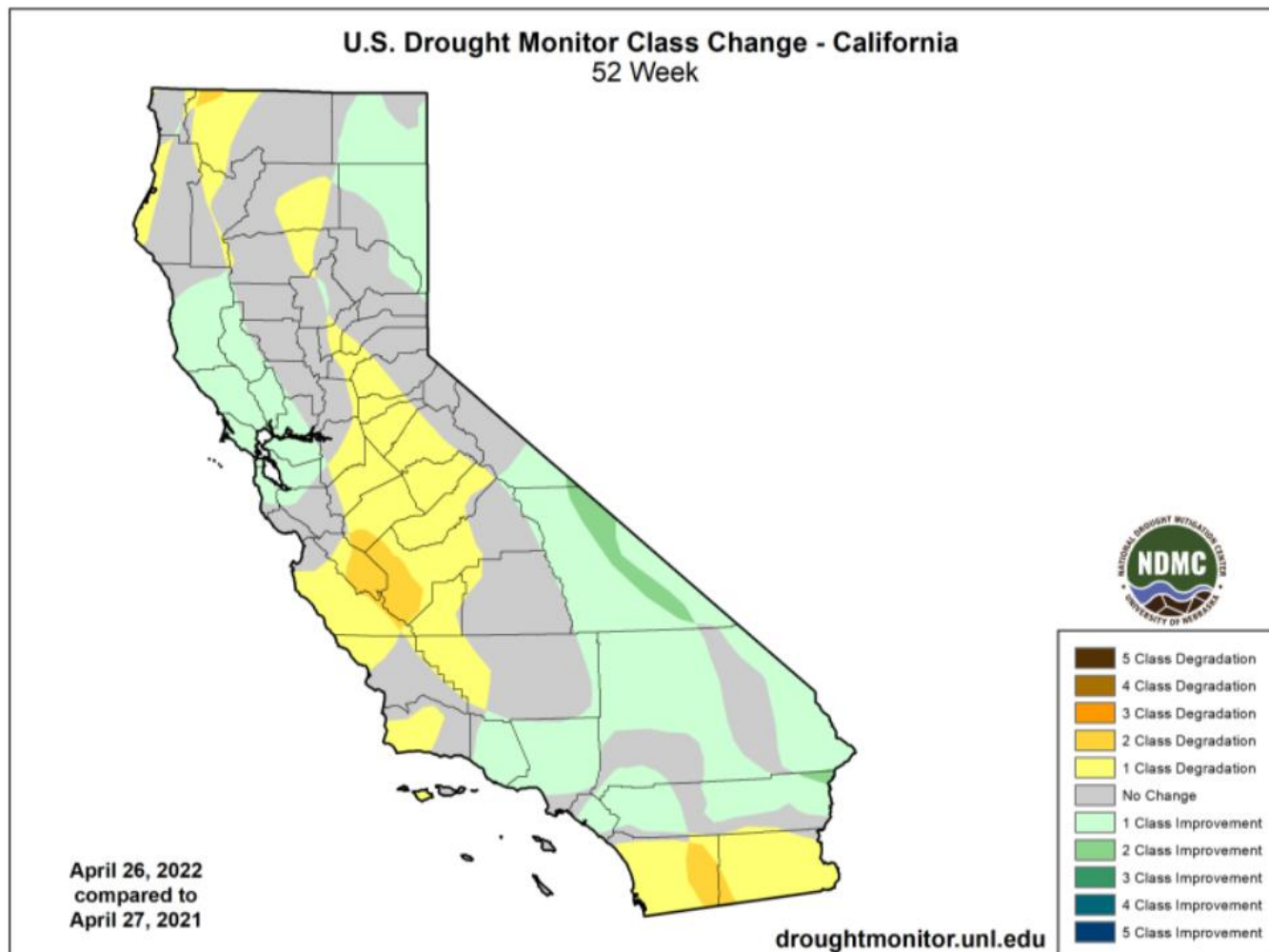
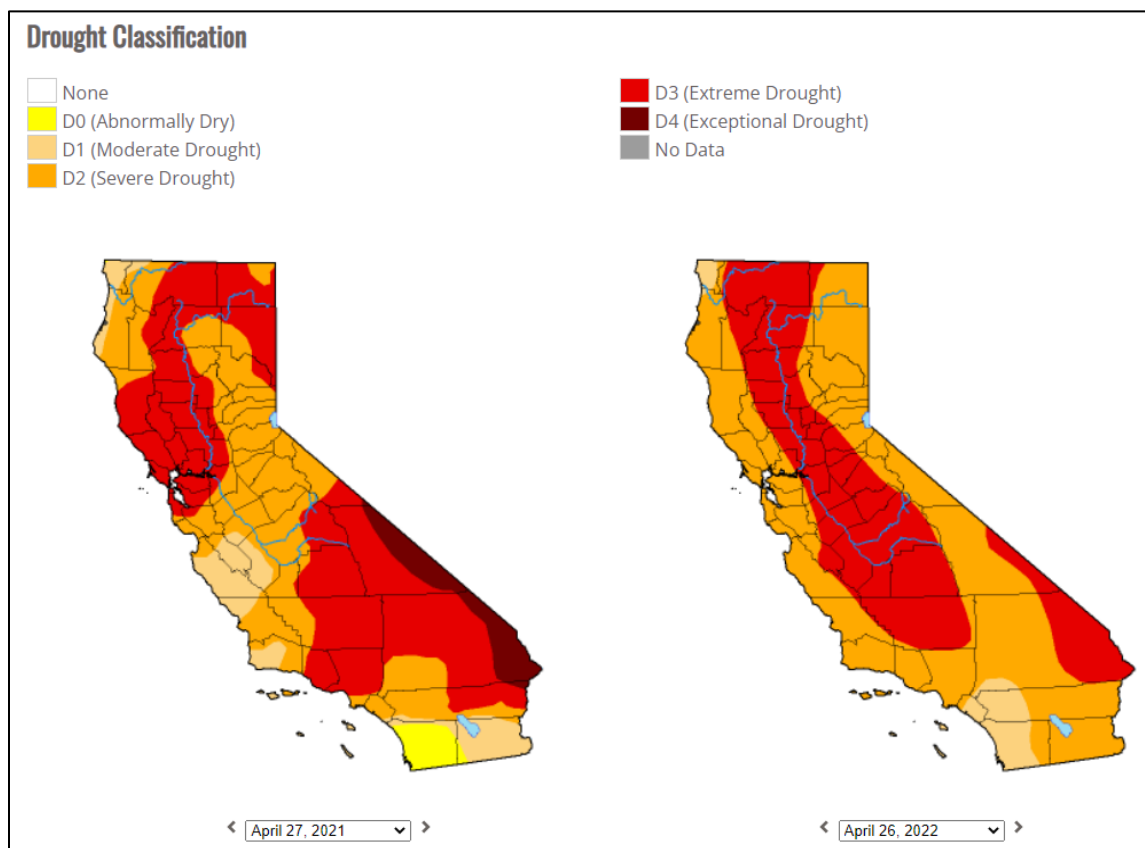
In April, RPU's Gallons Per-Capita per Day (GPCD) was 185, and its Residential Gallons Per-Capita per Day (R-GPCD) was 107. RPU's annual rolling GPCD was 192, which is below the compliance target specified in SB X7-7 (i.e., 20% reduction by 2020) of 213. RPU's annual rolling R-GPCD was 112 as shown in Figure 5. The new performance standards are being finalized and will be implemented in 2023.

Weather conditions within the City of Riverside showed that April of 2022 was warmer by .9 degrees from April last year and experienced an increase of .23 inches of rainfall compared to April 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 April 2021 and April 2022, and an annual class change map for improvement or degradation in the drought conditions.



There were no significant events for the water system in April 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 13 feet in the Bunker Hill Basin compared to March of last year. Water levels in the Rialto-Colton Basin decreased by 3 feet 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 increased by 1 foot compared to March of last year.