

Lower Basin Water Uses from CRSS

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Introduction

This is an R Markdown document. This document helps visualize Lower Basin consumptive uses from input data for Colorado River Simulation System model (CRSS)(version January 2021). Three plots show:

1. Monthly consumptive use requests
2. Annual consumptive use requests
3. Seasonal (Summer/Winter) consumptive use requests

The last plot can help estimate the water volume potentially saved if Lower Basin districts stop summer season water use and focus on irrigating higher value winter crops (dark leafy greens).

Data comes from The main CRSS data file DIT_CRSS_LBshortageEIS_2016UCRC_v1.8. This data represents the 2016 Upper Colorado River schedule (for upper basin states).

Requested Citation:

Rosenberg (2021). “Lower Basin Water Uses from CRSS”. <https://github.com/dzeke/ColoradoRiverFutures/tree/master/LowerBasinAgUses>.

Figure 1. Monthly consumptive water use requests

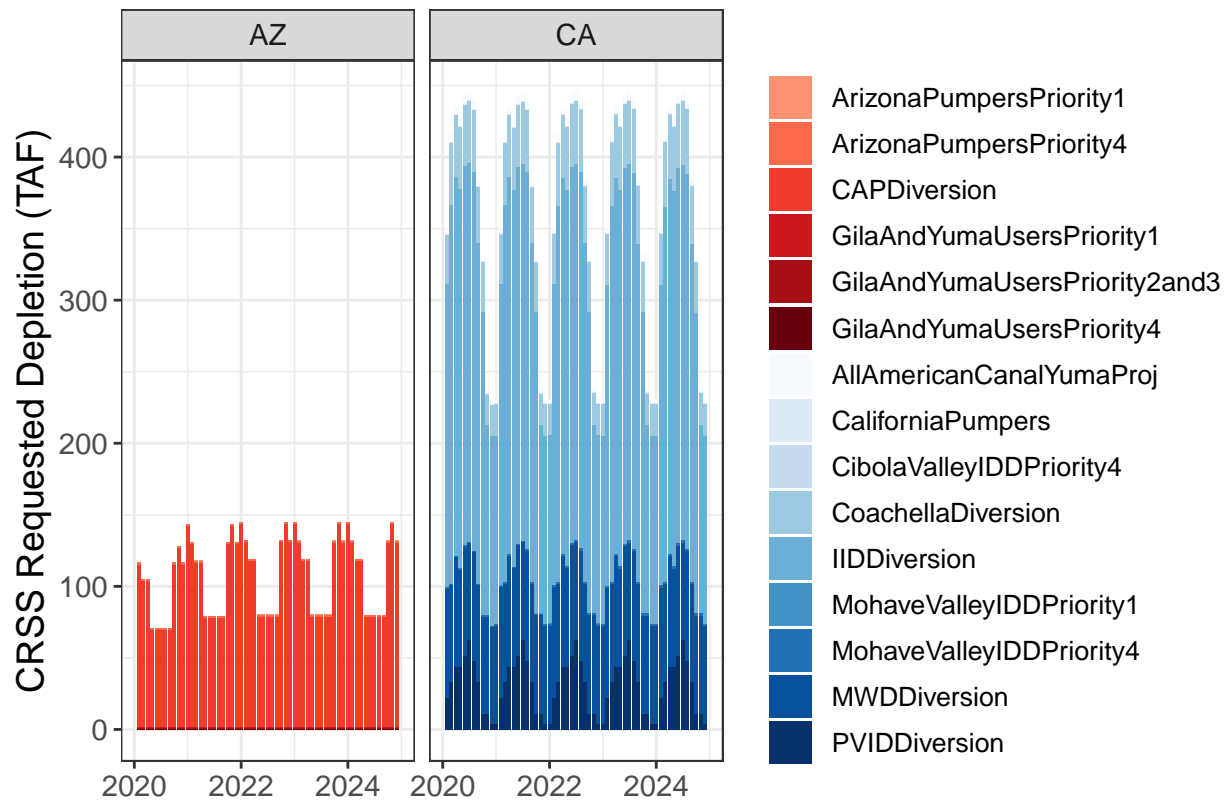


Figure 2. Annual consumptive water use requests

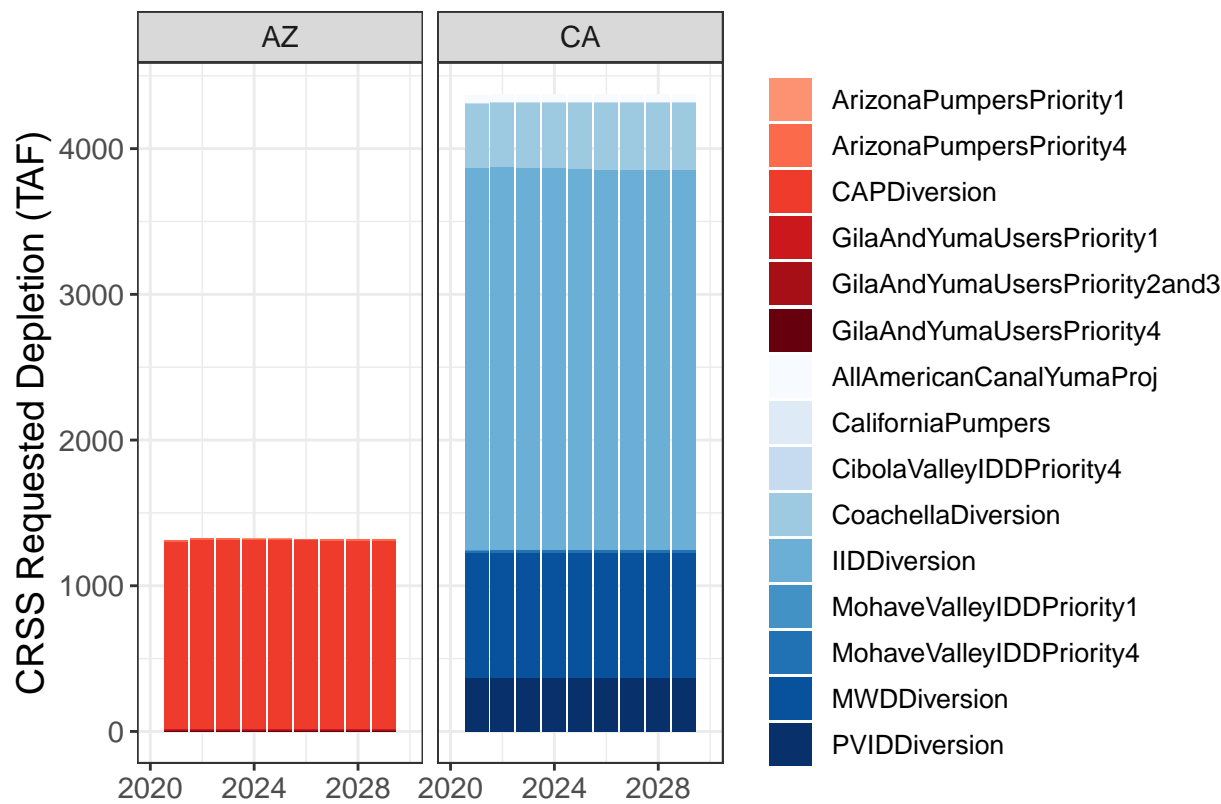


Figure 3. Seasonal consumptive water use requests

