## Order of Operations for RR PRMS Data Scraping/Processing

1. Run Downsizer for the Observed Data Range: 4/1/2023 – 5/8/2023
2. Run PRISM\_Scraper.R to download PRISM temperature and precipitation data
3. Run PRISM\_Processor.R to format PRISM data appropriately
4. Run CNRFC\_Scraper.R to download CNRFC temperature and precipitation data
5. Run CNRC\_RR\_Processor.R to format the CNRFC data appropriately
6. Run Downsizer\_Processor.R script to format Downsizer data appropriately
7. Run CIMIS\_Scraper.R to download and format CIMIS data appropriately
8. Run RAWS\_Scraper.R to download and format RAWS data appr
9. Run Dat\_Shell\_Manipulation.R to generate the text file, *DAT\_Final\_2023-05-07.txt,* from which to copy and paste into the DAT file
10. Replace the data in the *data\_update\_to\_2023-05-07.dat file* for date range 4/1/2023 – 5/13/2023 with the data in DAT\_Final\_2023-05-07.txt (except for the header row)
11. Run the PRMS model
12. Copy and paste the output of the PRMS model into the *InputData* of the GitHub repository
13. Run PRMS\_Processor.R to convert the PRMS output into acre-feet per day for the timeframe of interest (April 2023). The exported CSV, URR\_2023-04.csvwill inform the Flows spreadsheet required by the Upper Russian River DWRAT Model

## Order of Operations for SRP Data Scraping/Processing

1. Run PRISM\_Scraper.R to download PRISM temperature and precipitation data (*this step coincides with step 2 of the SRP workflow, so you don’t need to run the script again if you’ve run it earlier in the day).*
2. Run CNRFC\_Scraper.R to download CNRFC temperature and precipitation data *(this step coincides with step 2 of the RR PRMS workflow, so you don’t need to run the script again if you’ve run it earlier in the day).*
3. Run CNRFC\_SRP\_Processor.R, which produces SRP\_Processed.csv
4. Run PRISM\_SRP\_Processor.R
5. Paste the columns from SRP\_Processed.csv into the Climate Stresses update excel spreadsheet
6. Copy the formatted data from the Climate Stressed Update Excel spreadsheet into the climate .dat file