

September 19, 2023

South American GSP Determination by DWR



LARRY WALKER
ASSOCIATES

science | policy | solutions

DWR Approved South American GSP in July 2023

- “Department staff conclude that the Plan includes the required components of a GSP, demonstrates a thorough understanding of the Subbasin based on what appears to be the best available science and information, sets well explained, supported, and reasonable sustainable management criteria to prevent undesirable results as defined in the Plan, and proposes a set of projects and management actions that will likely achieve the sustainability goal defined for the Subbasin.”
- **Recommended** corrective actions proposed to ‘enhance GSP and facilitate future evaluation’ by DWR

Status of DWR Review of 119 GSPs Submitted

- 46 approved
- 23 inadequate
- 4 incomplete
- 46 still under review by DWR

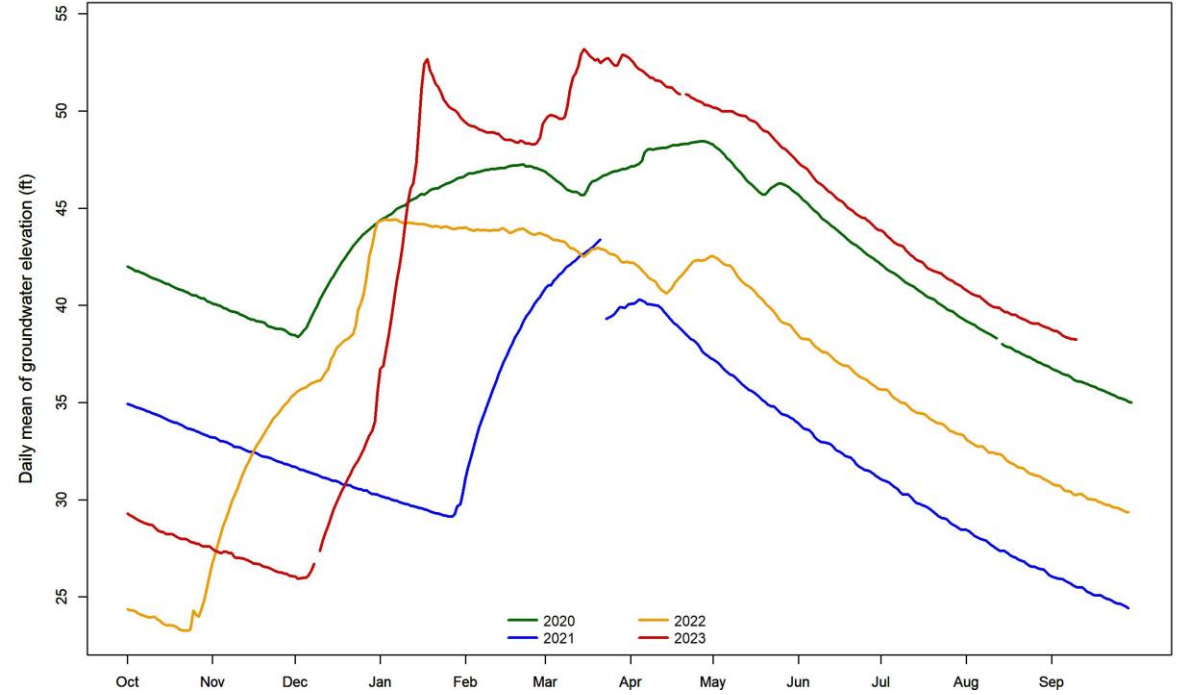
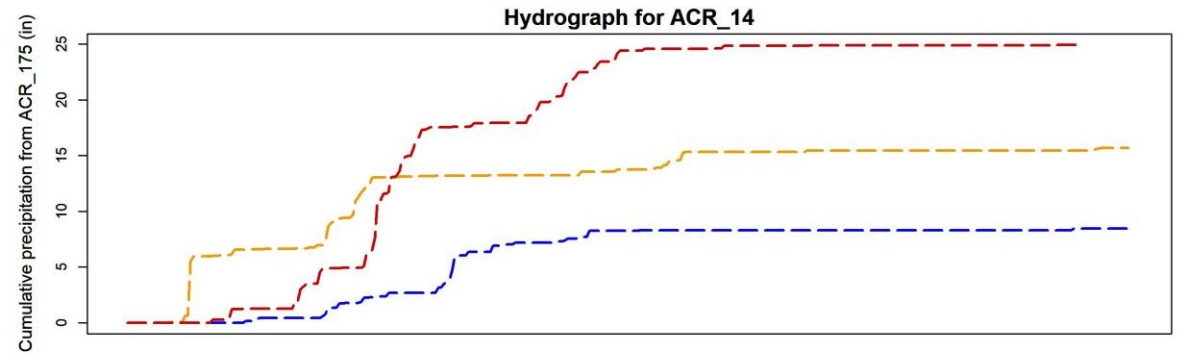
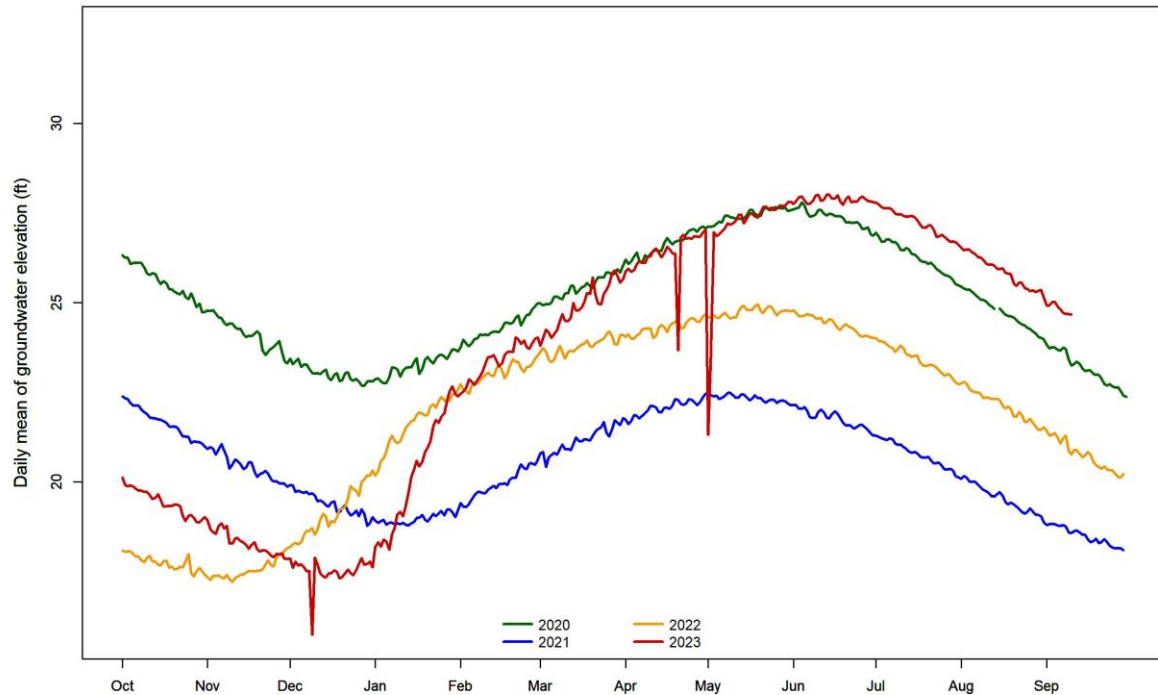
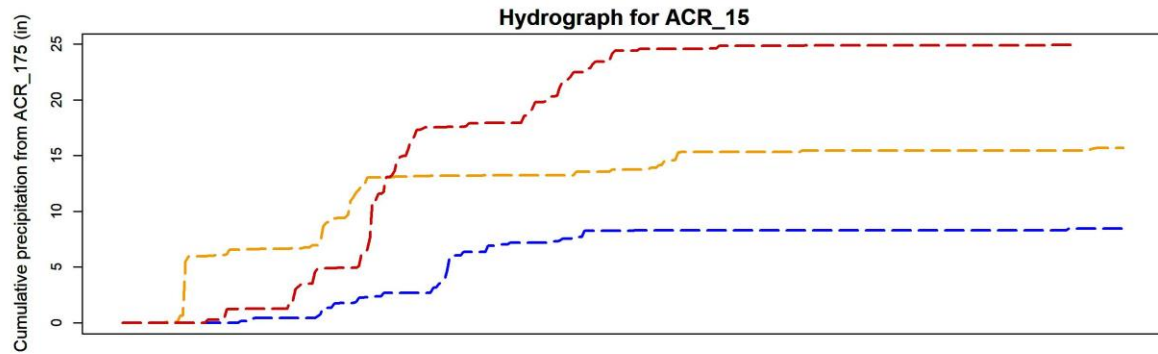
Summary of Corrective Actions

- (1) Amend or provide more supporting information about the definition of undesirable results for degraded water quality (i.e. with respect to arsenic and TDS).
- (2) Revise the definition of undesirable results for land subsidence such that groundwater extraction and other factors are considered and not excluded in the undesirable result definition.
- (3) Continue to fill data gaps, collecting additional monitoring data, coordinate with resource agencies and interested parties to understand beneficial uses and users that may be impacted by depletions of interconnected surface water caused by groundwater pumping
- (4) Provide updates to the monitoring network.

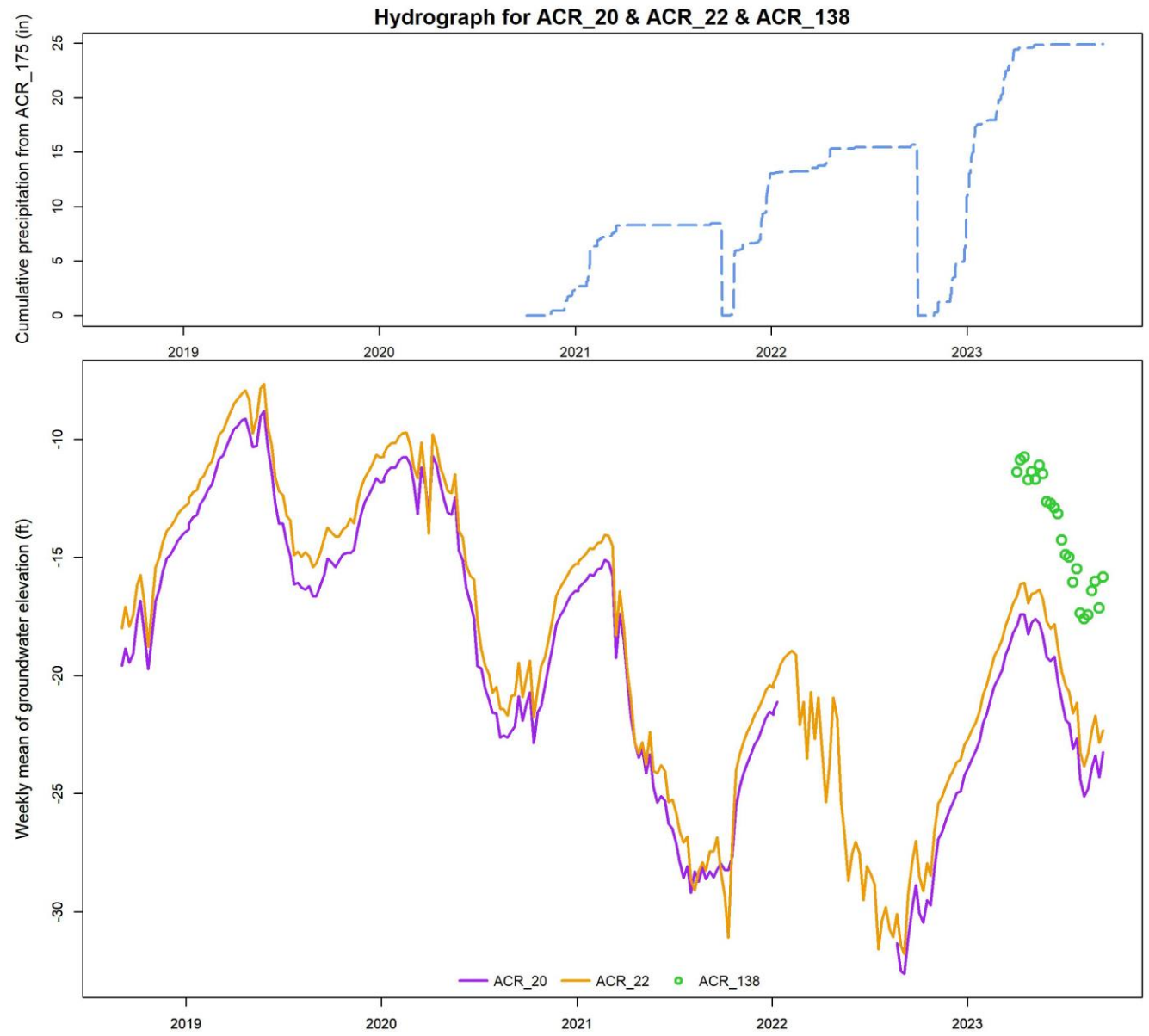
Some updated groundwater levels



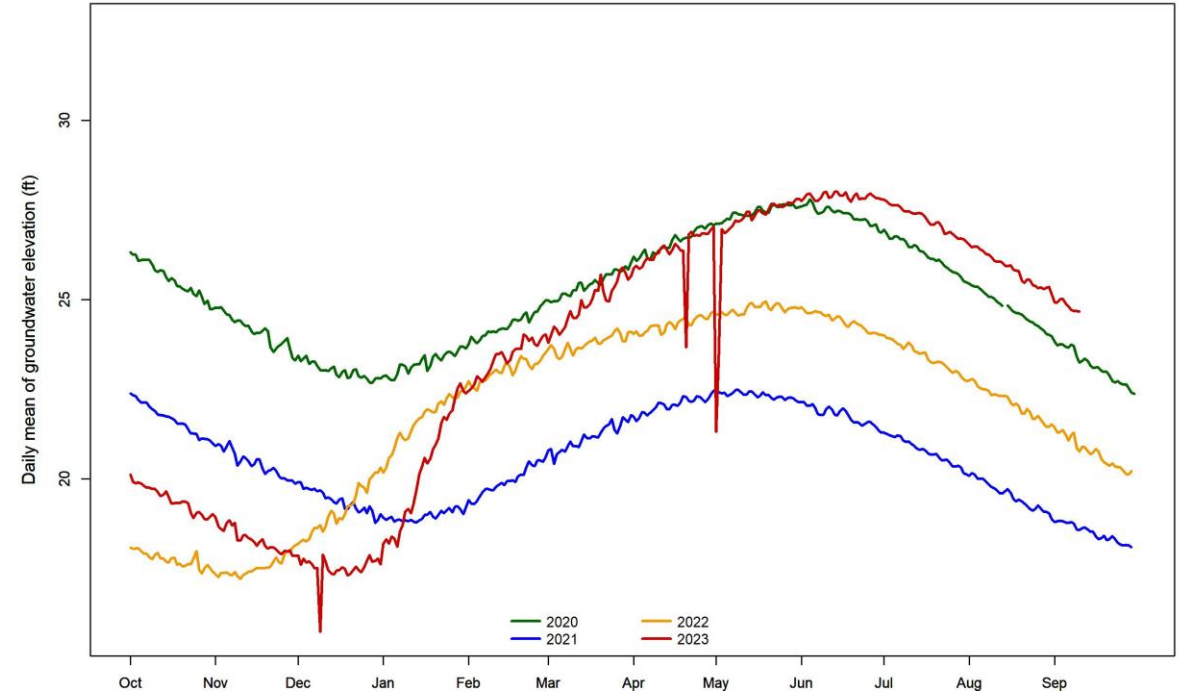
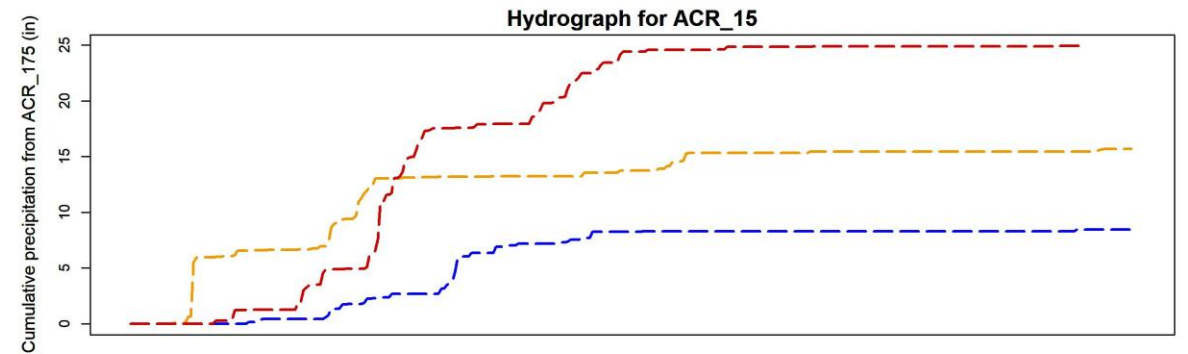
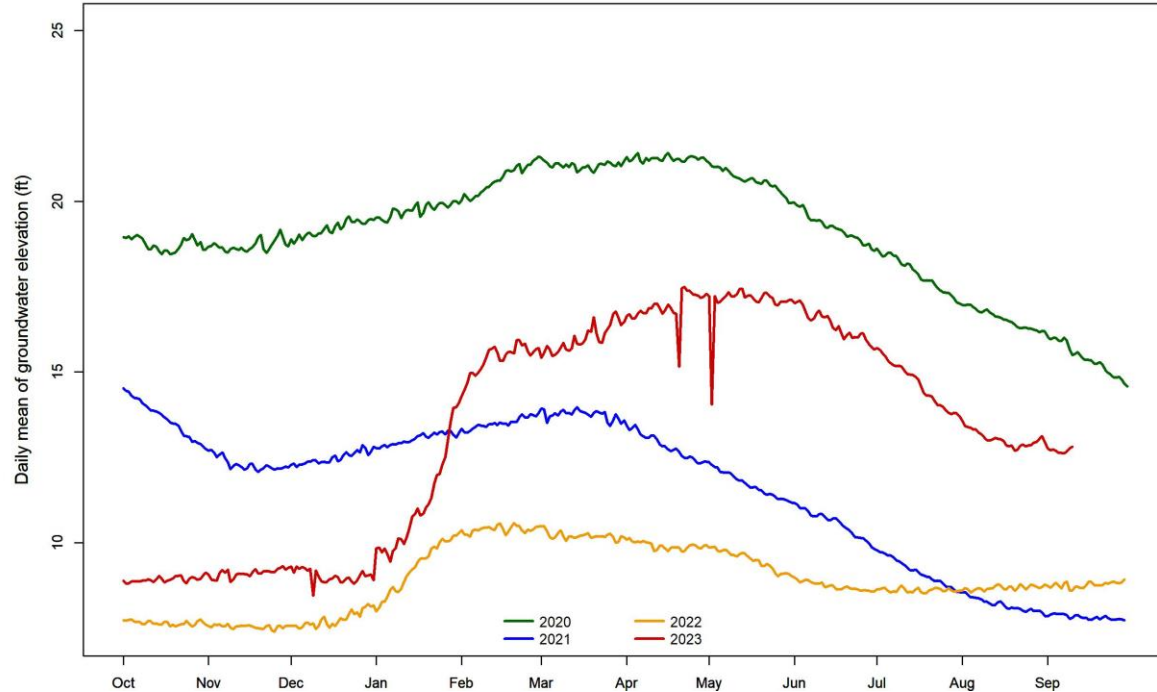
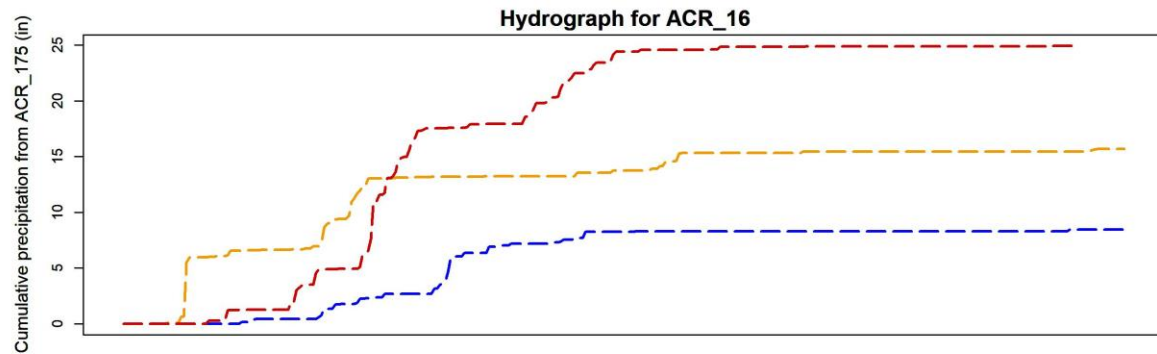
Two piezometers in the Teichert field



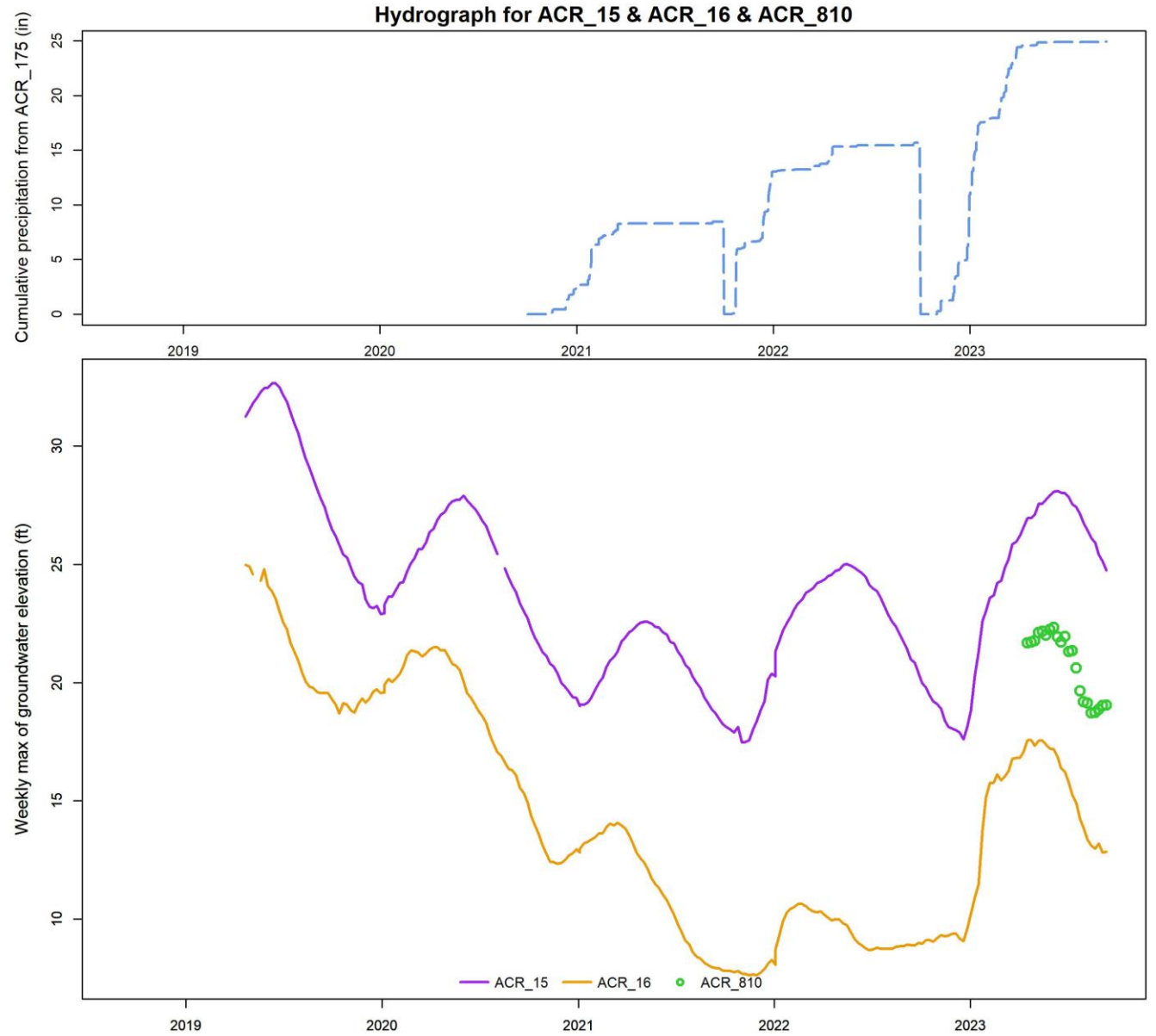
5 years of data



Rooney recharge area



5 years of data



7 days 30 days 1 year

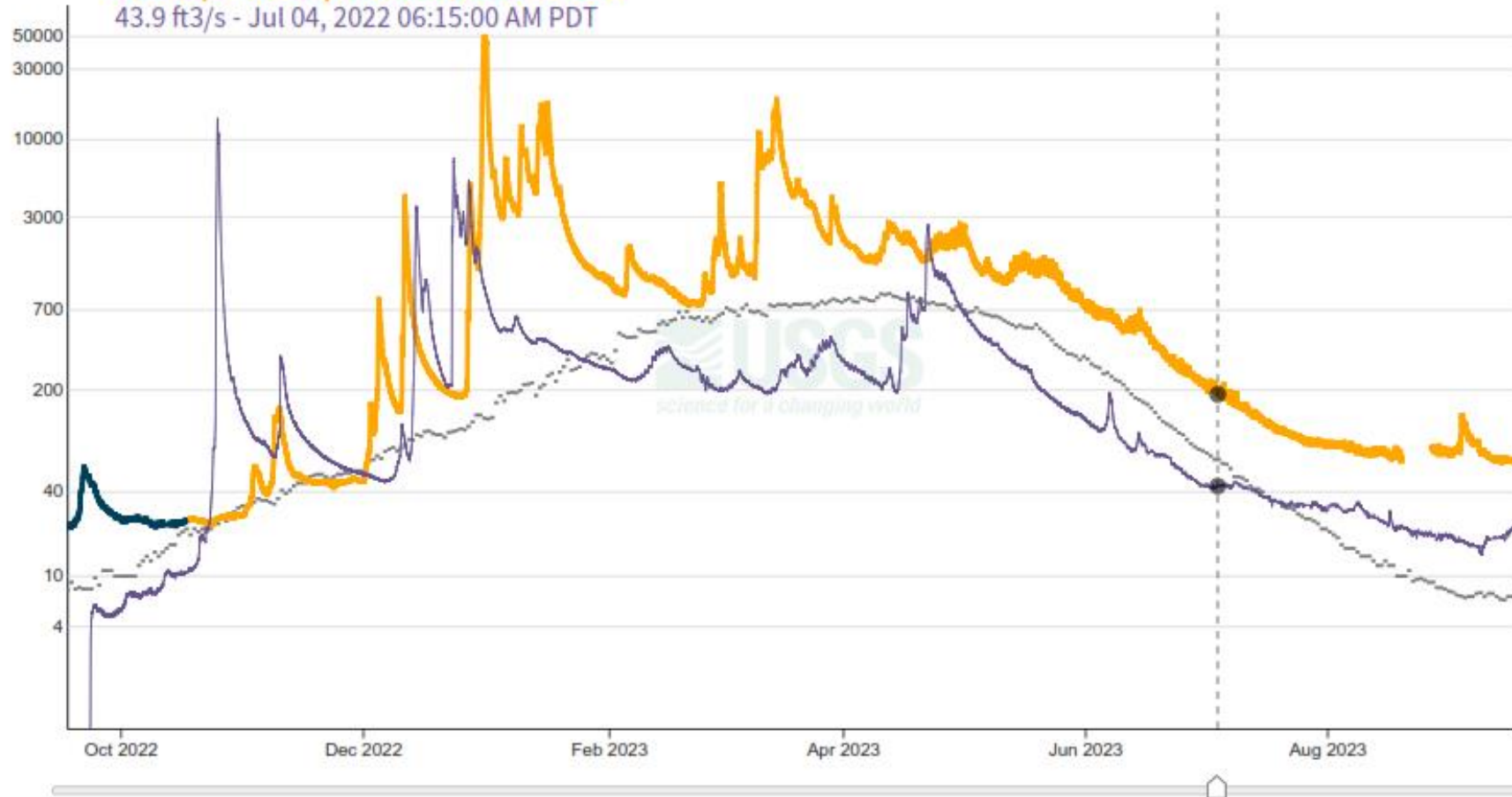
Cosumnes R a Michigan Bar CA - 11335000

September 17, 2022 - September 17, 2023

Discharge, cubic feet per second

187 ft³/s - Jul 04, 2023 06:15:00 AM PDT

43.9 ft³/s - Jul 04, 2022 06:15:00 AM PDT



IMPORTANT Data may be [provisional](#)



Thank You

Name, Title

Larry Walker Associates

Email