Groundwater Committee Meeting

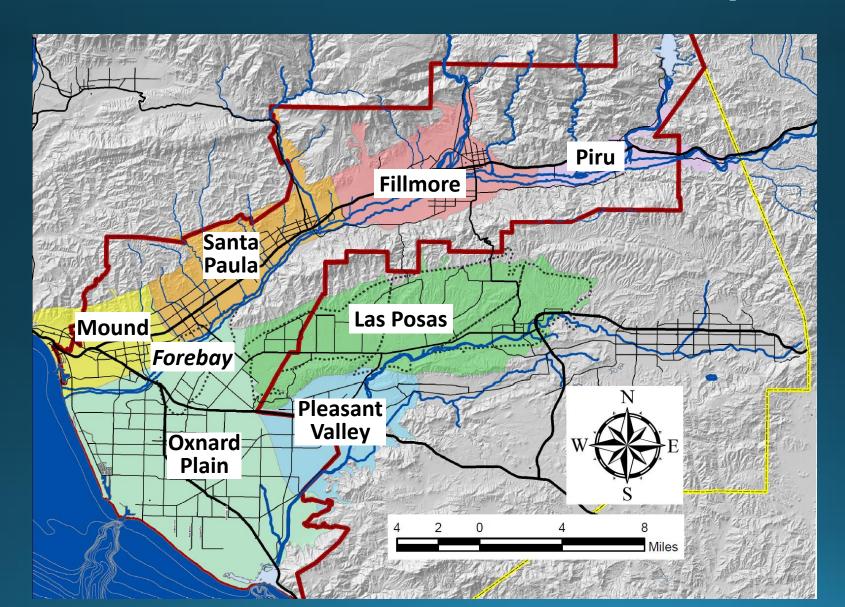
June 25, 2019

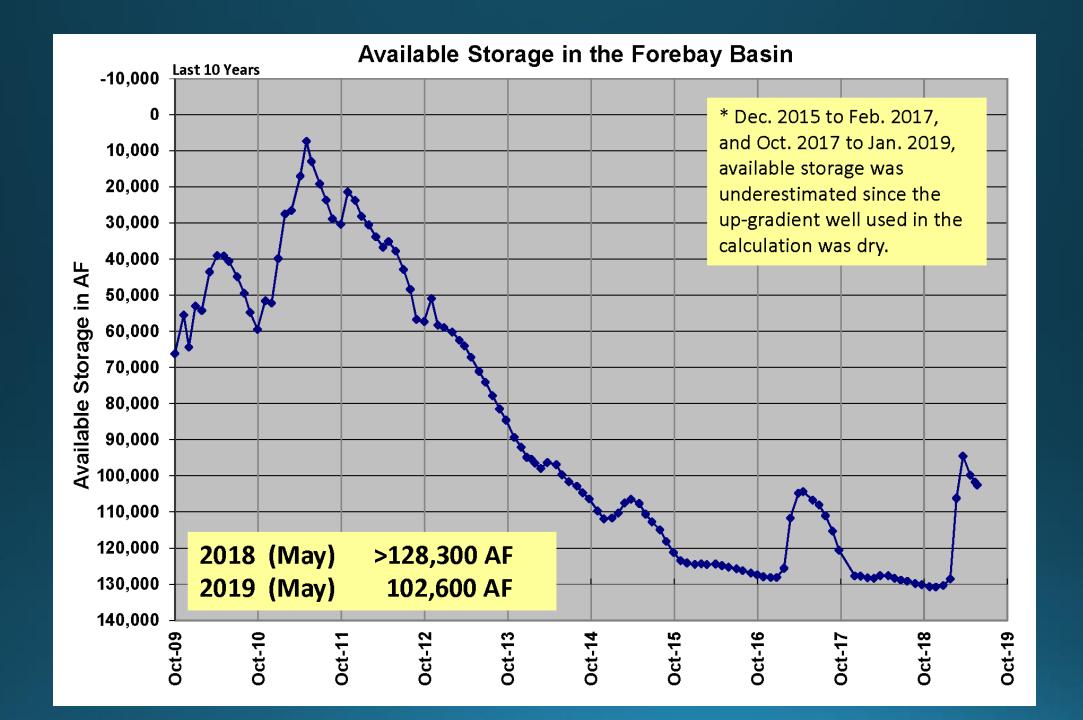


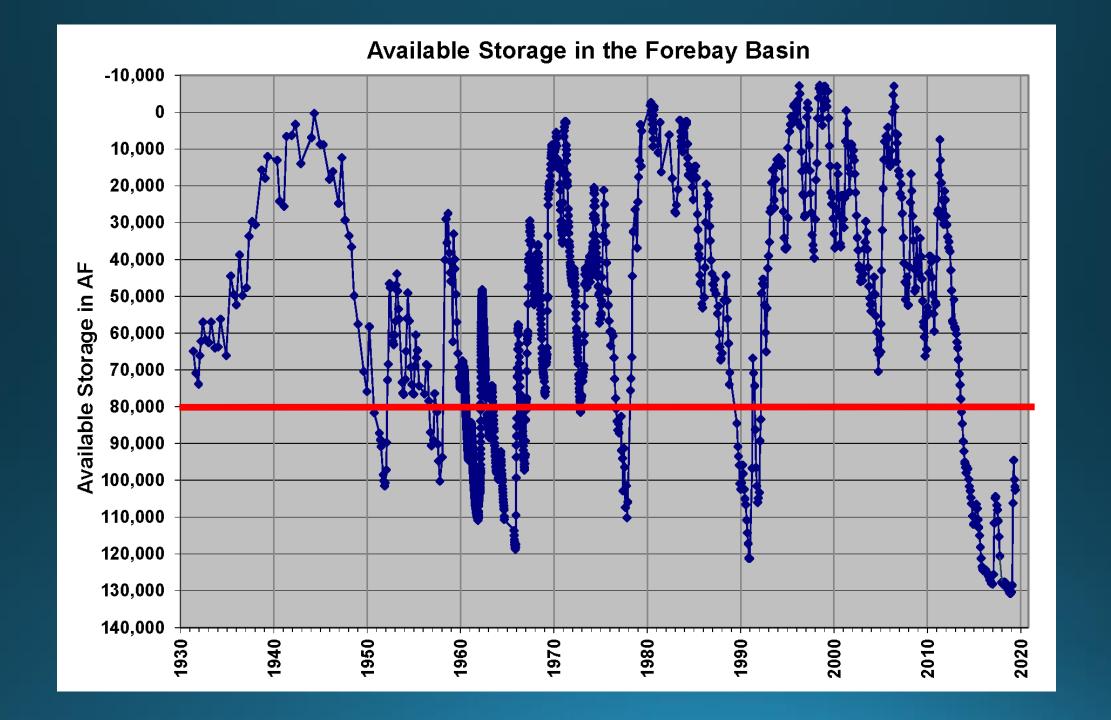
Agenda Items 1 through 3

- 1. PUBLIC COMMENT
- 2. APPROVAL OF THE AGENDA
- 3. APPROVAL OF THE MINUTES

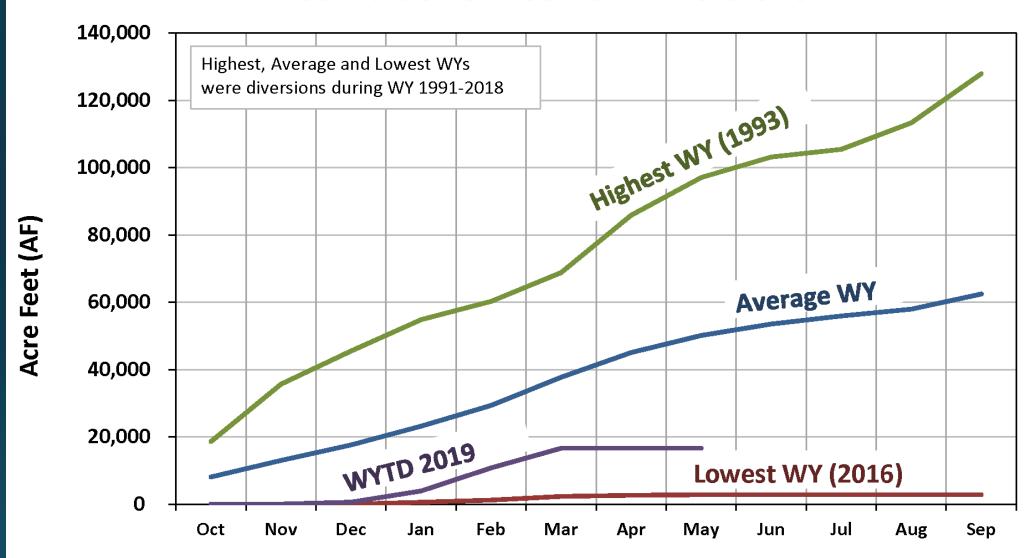
4. Groundwater Conditions Update



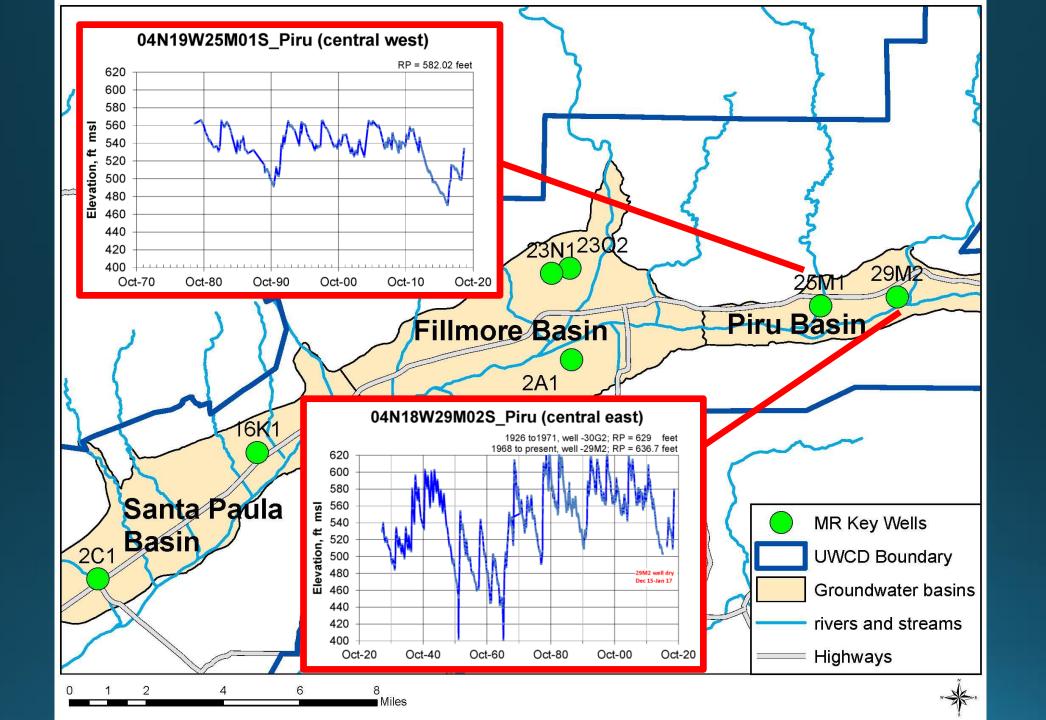


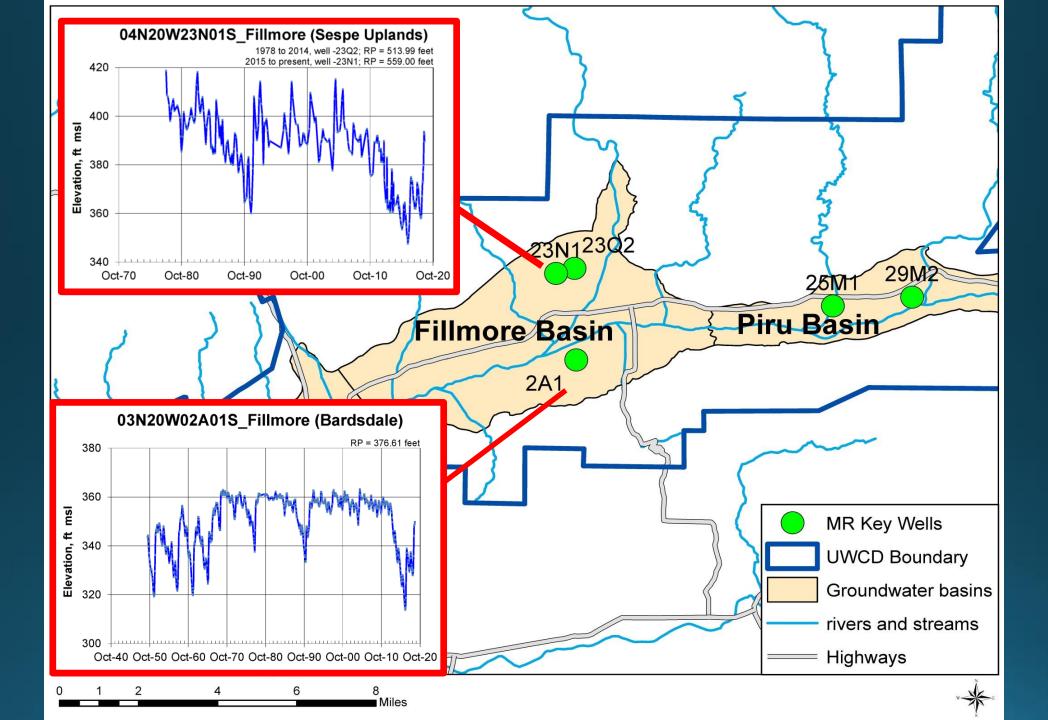


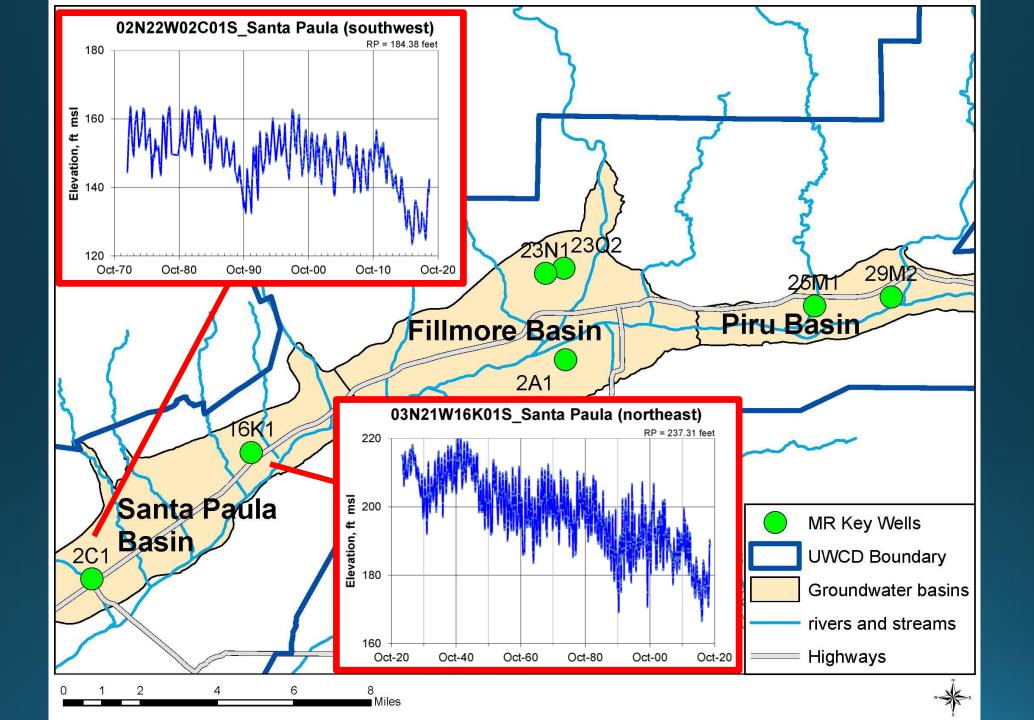
Cumulative Freeman Diversions

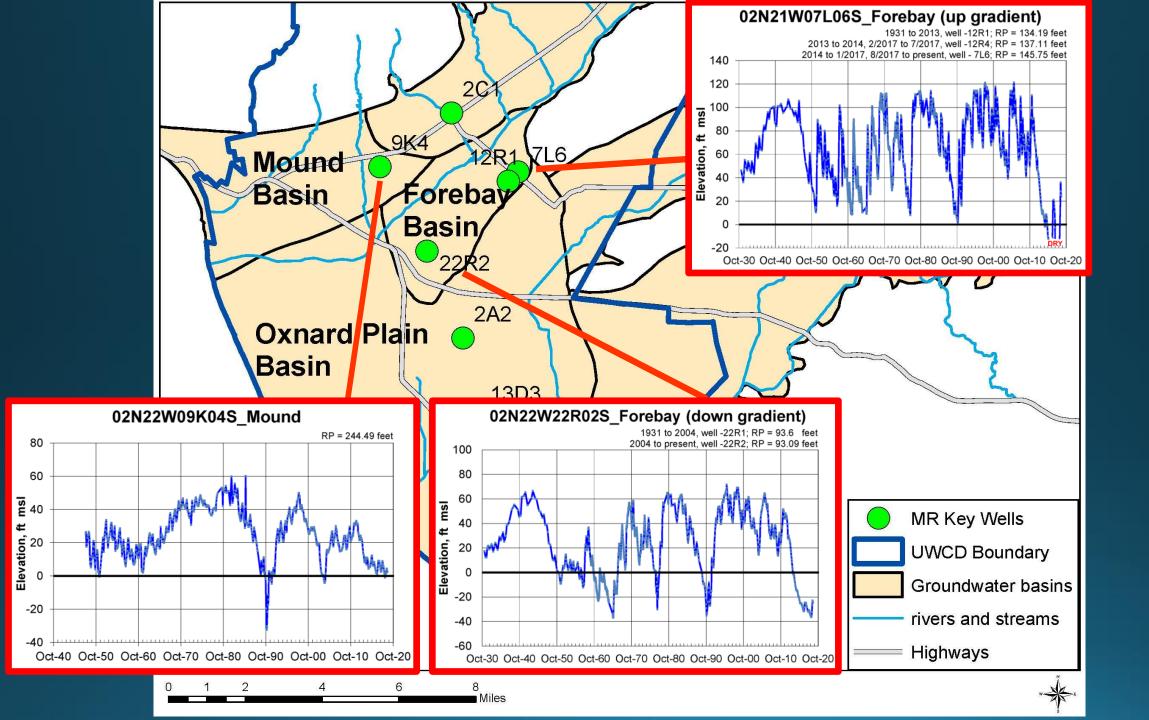


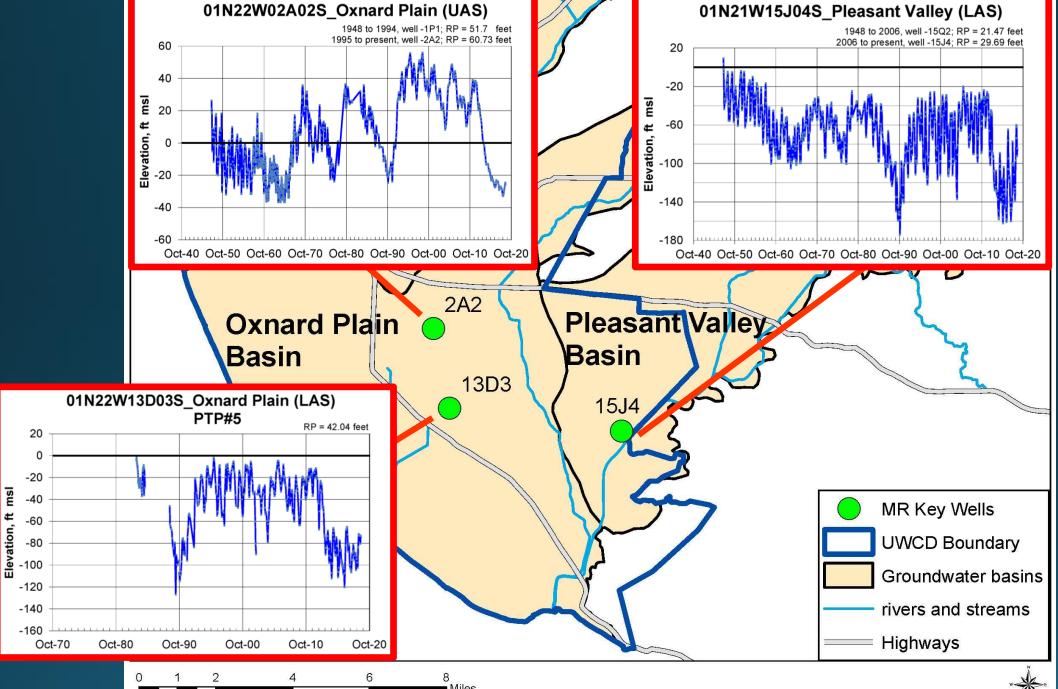
Water Year (WY) = October 1 to September 30; WYTD = Water Year To



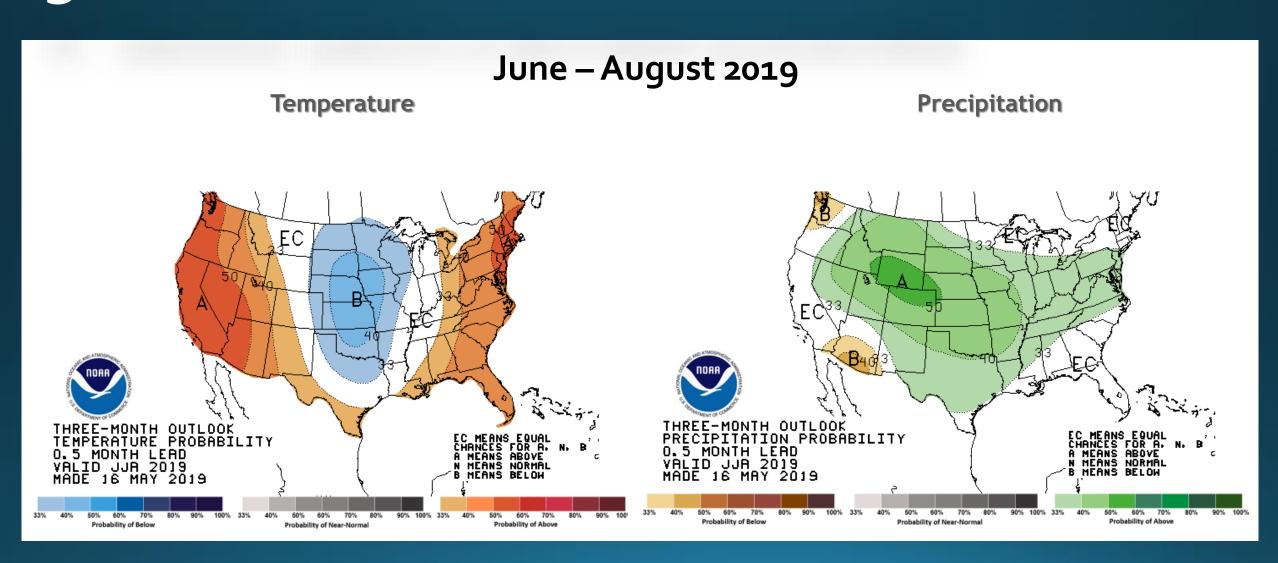


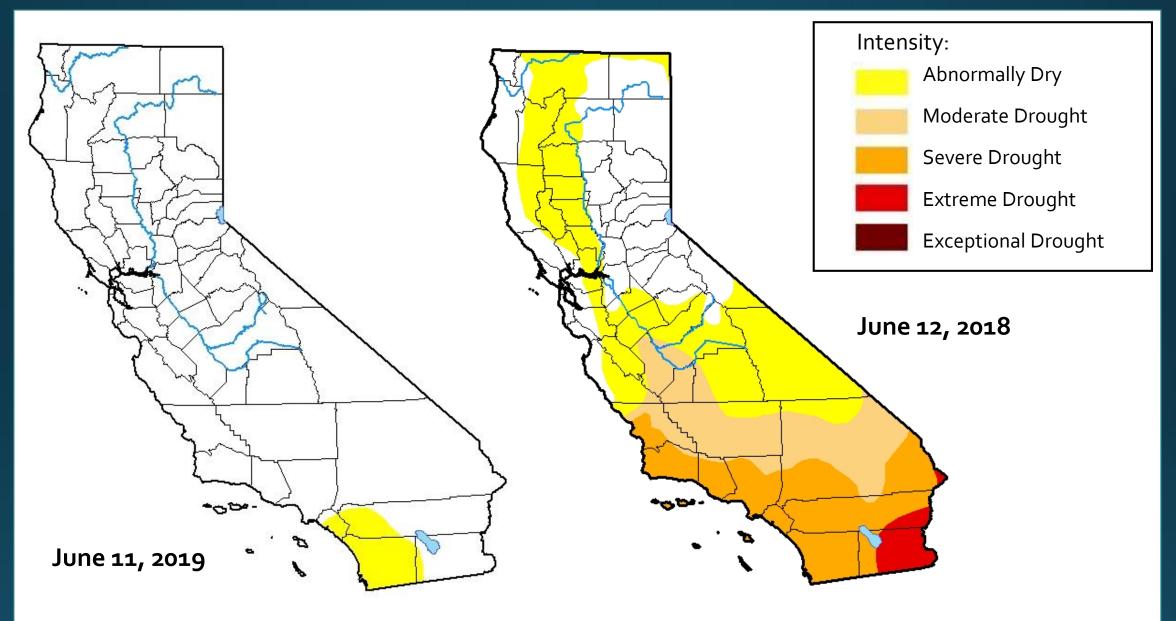




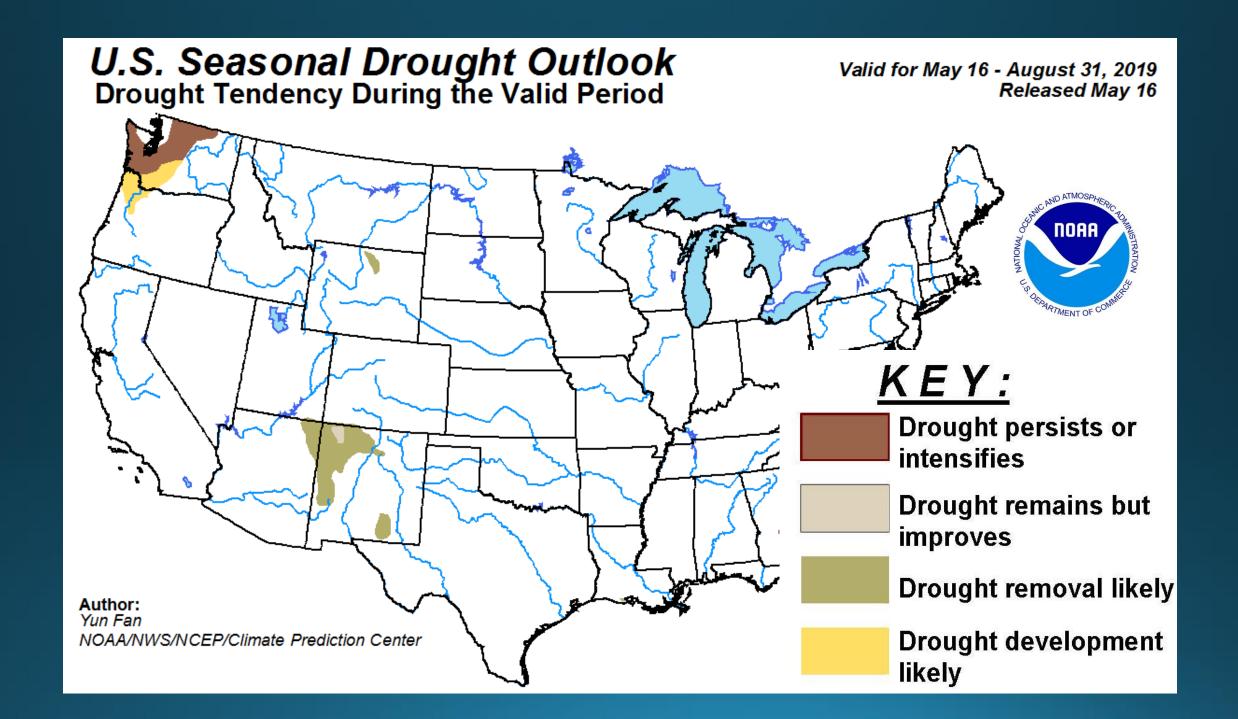


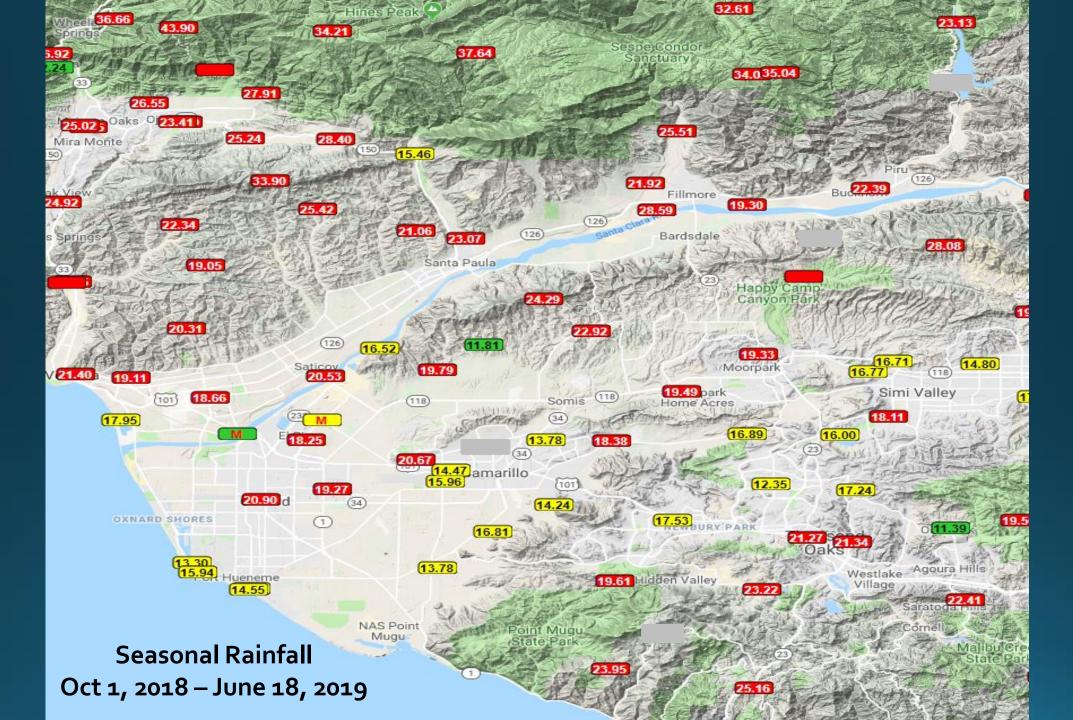
5. Short-Term Climate Forecast





Map Source: The National Drought Mitigation Center
Maps are an assessment of drought conditions based on precipitation amounts and does not consider groundwater storage depletion.





6. Presentation from John Riley of Verno Water

7. Groundwater Sustainability Agencies' Agenda Review

Fox Canyon Groundwater Management Agency (FCGMA)

Oxnard sub-basin (Oxnard Plain)

Priority: High – Critically Overdrafted

Reason: Seawater intrusion, overdraft

GSA: Fox Canyon GMA

Las Posas basin

Priority: High

Reason: Water quality, overdraft

GSA: Fox Cyn. GMA

Pleasant Valley basin

Priority: High – Critically Overdrafted

Reason: Saline intrusion, overdraft

GSA: Fox Canyon GMA

Recent activities:

- May 22—Special BoD meeting
 - Article 21 water purchase

- May 22—Regular BoD meeting
 - Staff requested direction on well o1N22Wo4Ko1S, near the Oxnard Airport
 - Dudek presented recommendations for MTs and MOs for Las Posas Valley basin GSP
 - Staff summarized planned changes to the GMAs draft allocation ordinance

Recent activities:

TAG meetings: none, effectively suspended

 June 10-21—FCGMA staff discussions and meetings with United staff about impacts of draft extraction allocation ordinance on PTP operations

• June 3-24—FCGMA staff discussions and meetings with United staff about where best to recharge purchased Article 21 water

Future agenda items/upcoming activities:

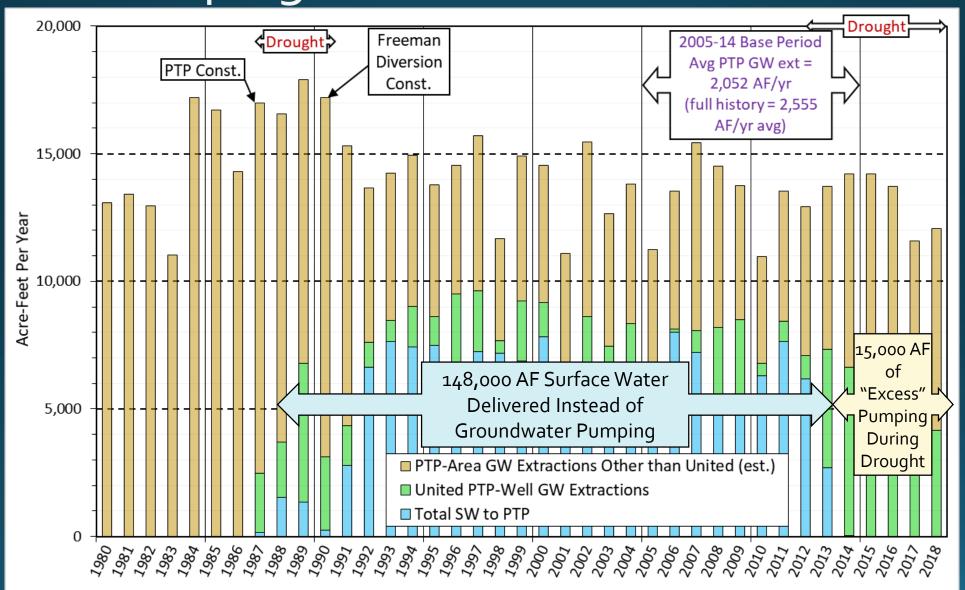
June 26—Regular BoD meeting agenda:

- 3. GMA FY 2019-20 Work Plan and budget
- 4. Contract modification with Special Counsel
- 5. Approval of costs for 2 new monitoring wells
- 6. Revised O-PV extraction allocation ordinance

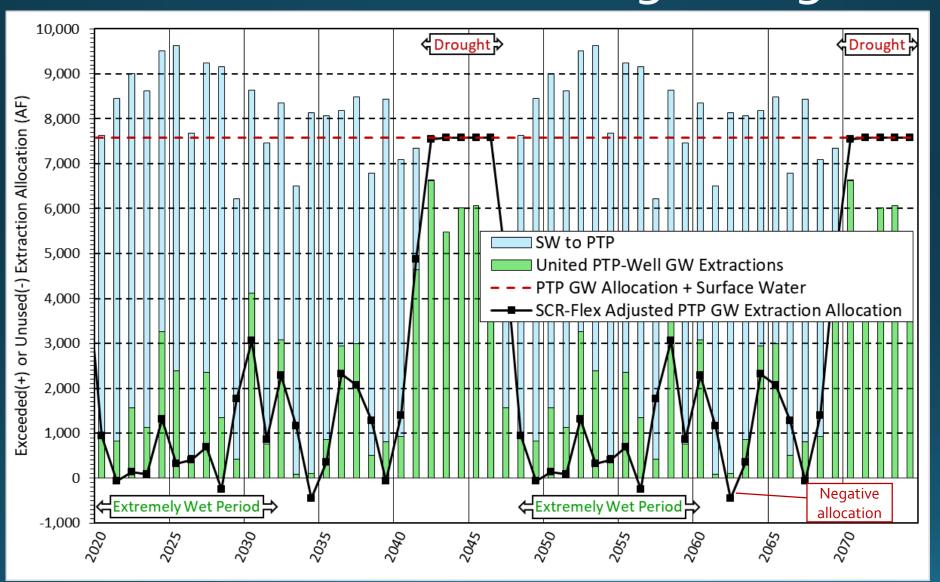
Current Allocation Ordinance Language Could Have Major Unintended Consequences with Regard to PTP

- Encourages increased pumping during extended droughts
 - In direct contradiction to M&I's concern on this point
- United faces very high surcharges for operating PTP in accordance with FCGMA and United policies
- Ramp-down exacerbates these problems
- FCGMA staff was uncertain about impacts and mechanics of some aspects of ordinance as of Monday
- Will discourage future conjunctive-use projects

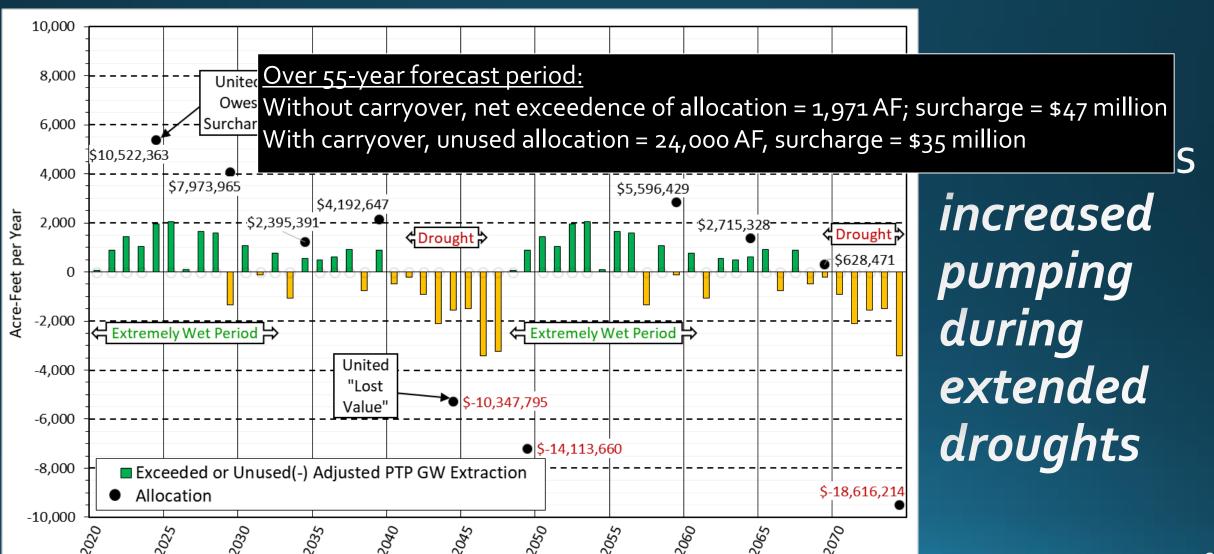
Historical PTP Operations Have Significantly Reduced Pumping on the Oxnard Plain



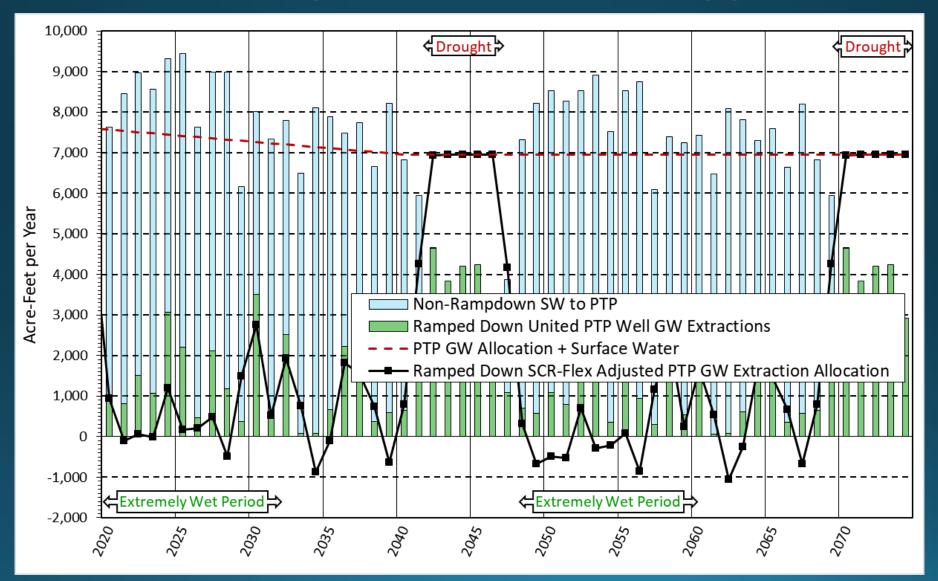
The Current Draft Ordinance Does Not Encourage Reduced Groundwater Use During Droughts



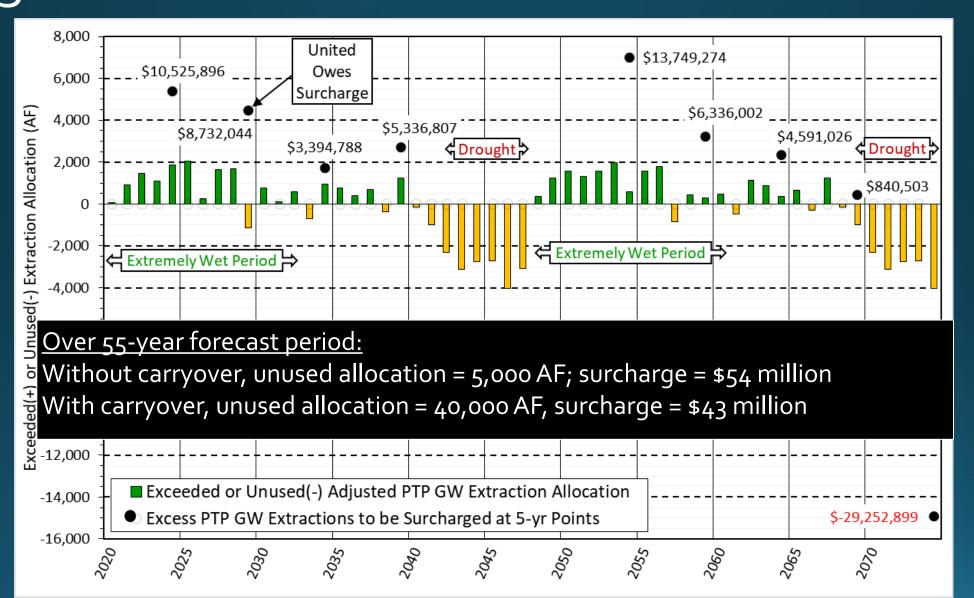
Current Ordinance Results in Extreme Surcharges if United Operates the PTP as Intended



Implementing a 30% Rampdown Under the Ordinance Would Yield a 9% Rampdown in Water Supplied to the PTP



United Strongly Incentivized to Pump More During Droughts



Other Notable Issues

- PVWCD has similar concerns about SCR "flex allocation"
- M&I representatives raised a number of other serious concerns
 - More time needed to evaluate impacts and suggest alternatives that we know will work

Other upcoming activities:

- June (and July) TAG meetings
 - FCGMA consultant (Dudek) not likely to attend
 - Uncertain that TAG meetings will occur

- GSP schedule update (as of April 24):
 - Revised draft GSPs released to Board and public: July 24
 - GSPs adopted by FCGMA: December 13
 - GSPs submitted to DWR: December 16

5. Mound Basin GSA Agenda Review

Mound basin

Priority: Medium => High

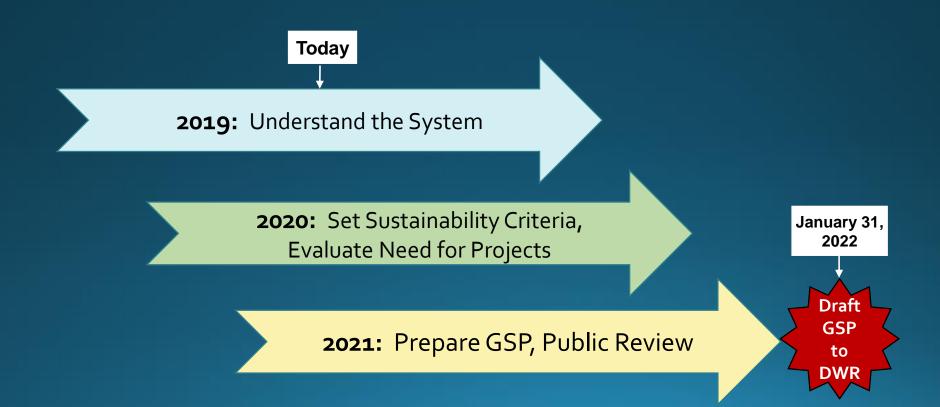
Reason: Water quality, dependence on

groundwater, forecasted population growth

GSA type: JPA

Mound Basin GSA:

- Mostly administrative maintenance and improvements
- Isotope sampling in July



Mound Basin future agenda items/upcoming activities:

- July 18 20 BoD meeting agenda (probable):
 - Budget
 - Administrative issues

6. Fillmore and Piru Basins GSA Agenda Review

Fillmore basin

Priority: Medium => High

Reason: Water quality, dependence on

groundwater, forecasted population growth

GSA type: JPA (Fillmore + Piru)

Piru basin

Priority: High

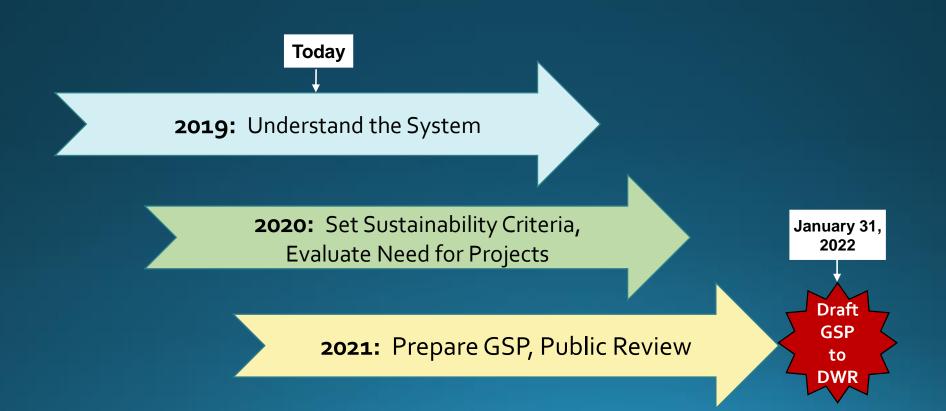
Reason: Water quality, dependence

on groundwater

GSA type: JPA (Fillmore + Piru)

Recent activities:

 Conceptual modeling nearly done, numerical model construction beginning



FPBGSA future agenda items/upcoming activities:

- July 18 BoD meeting agenda (probable):
 - Budget
 - Administrative issues
- United developing preliminary water balance

7. Santa Paula Basin TAC Update

Santa Paula basin

Priority: Medium => Very Low

Reason: Adjudicated

GSA type: Technical Advisory Committee

Upcoming Activities

- Next TAC meeting: Sept. 5 (not a public meeting)
- Upcoming activities:
 - Consider effects of Ventura SWP-Interconnection project on potential Santa-Paula-basin "yield enhancement" projects
 - Progress regarding "triggers" document and funding for yield-enhancement projects
 - Evaluate existing index wells, need for more pressure transducers?

8. FUTURE AGENDA ITEMS



9. ADJOURNMENT

"The difficulty lies not so much in developing new ideas as in escaping from old ones."

John Maynard Keynes