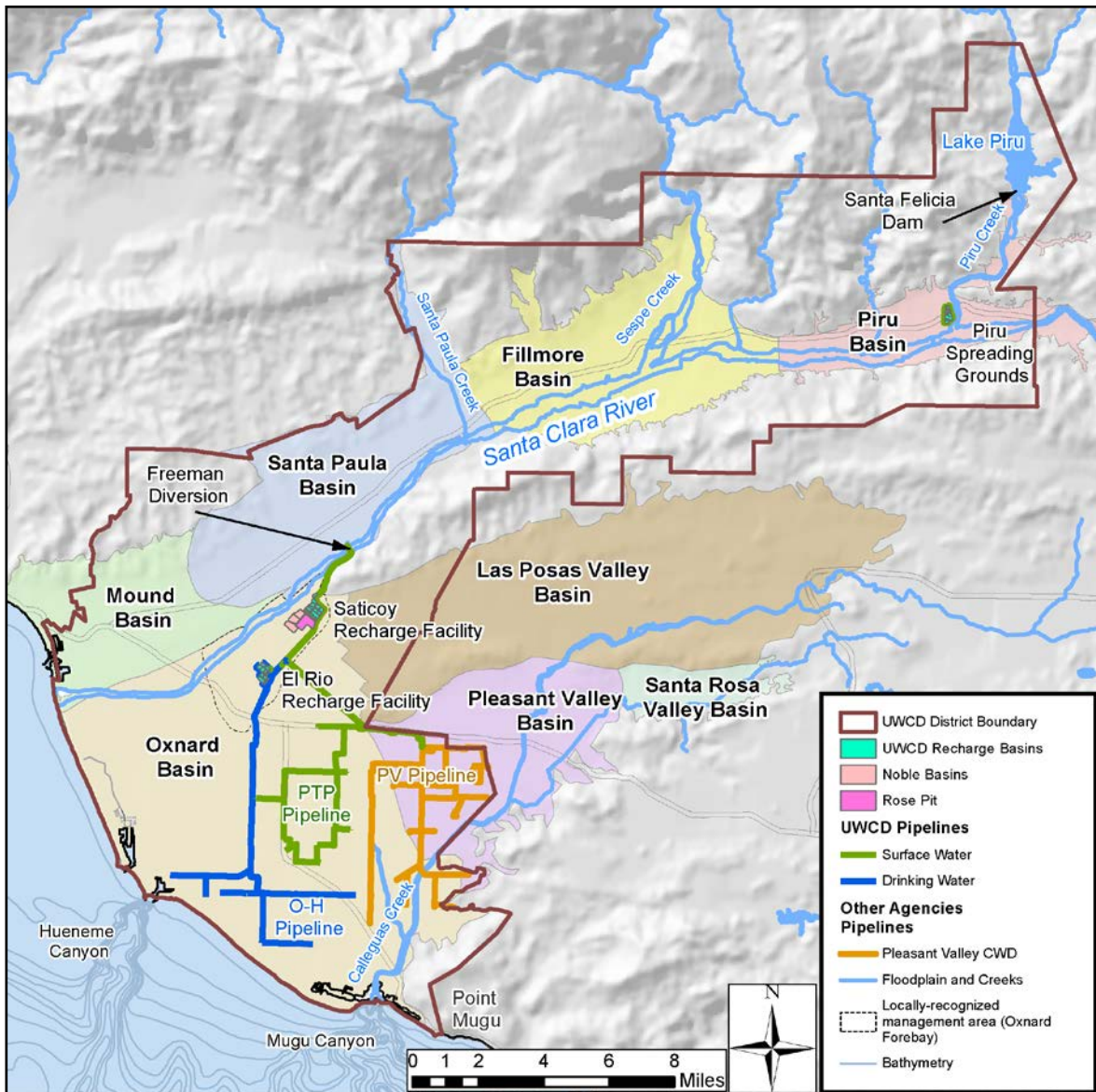




# United Water CONSERVATION DISTRICT

## November 2022 Hydrologic Conditions Report 2022/23 Water Year

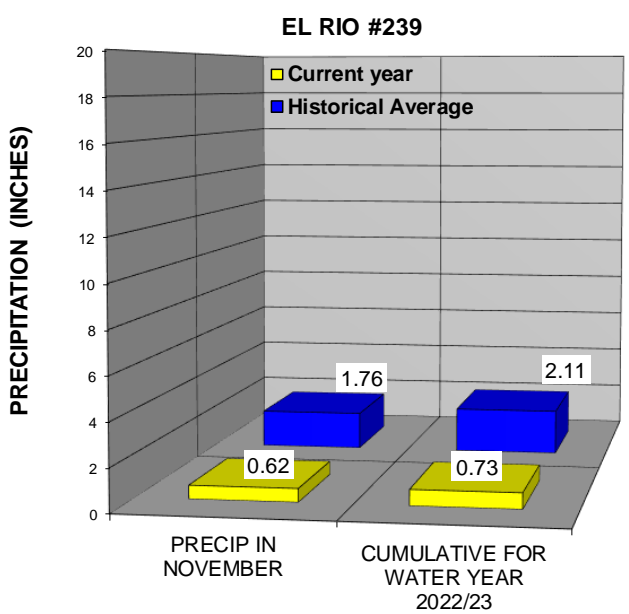
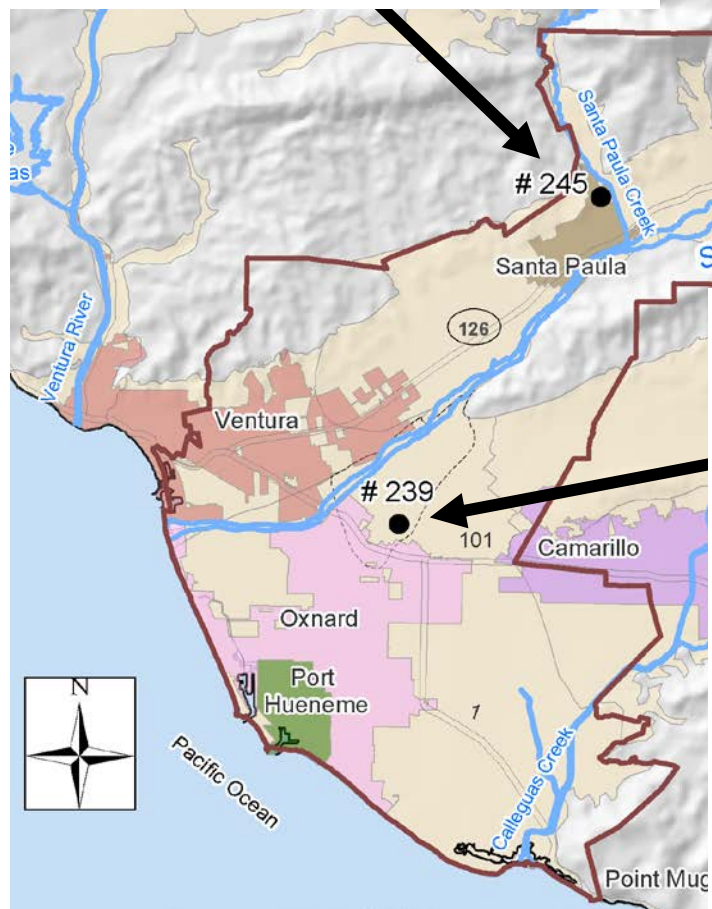
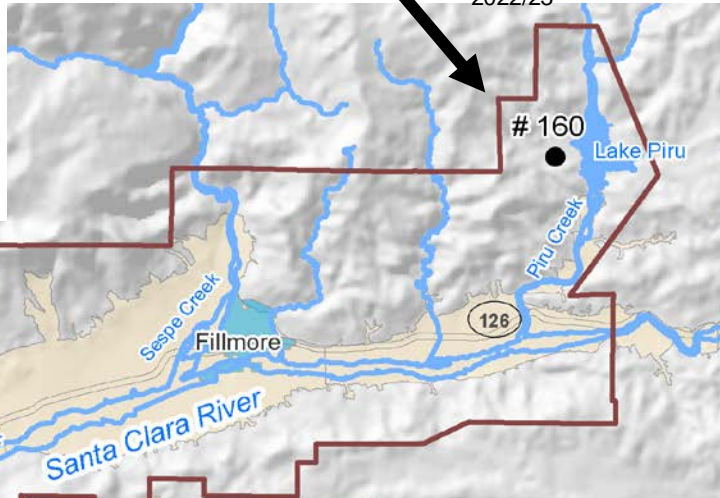
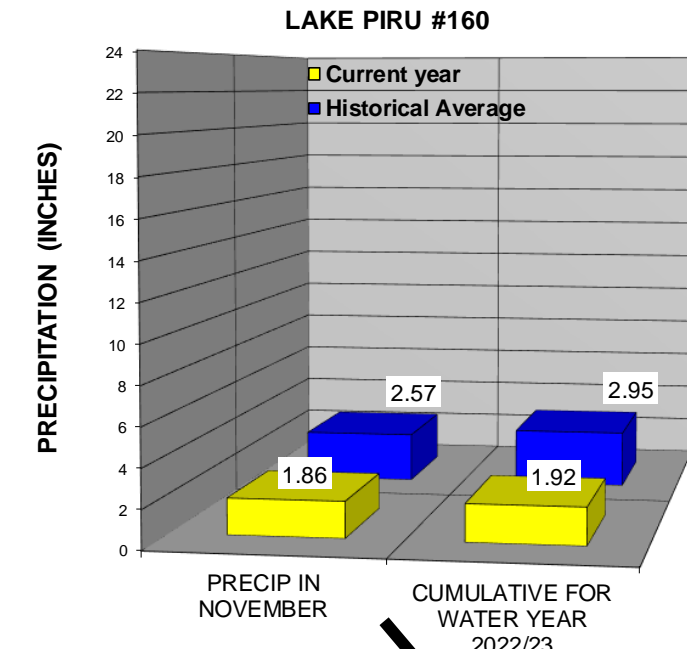
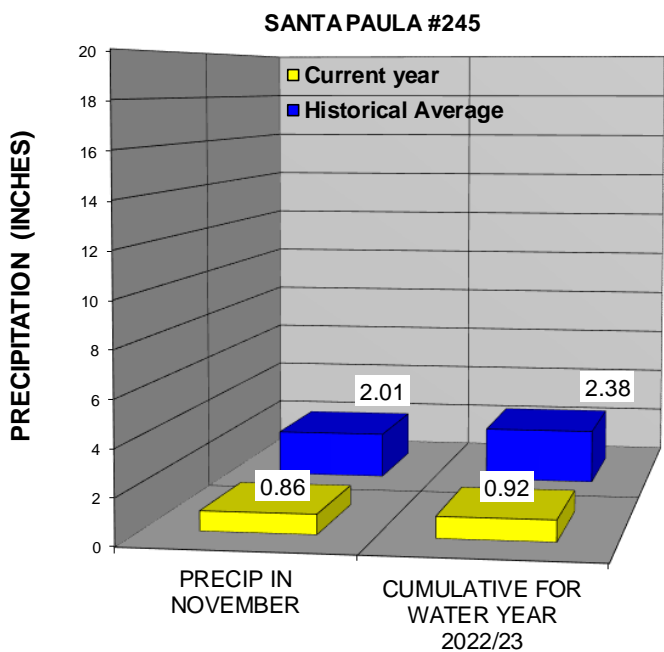
December 6, 2022



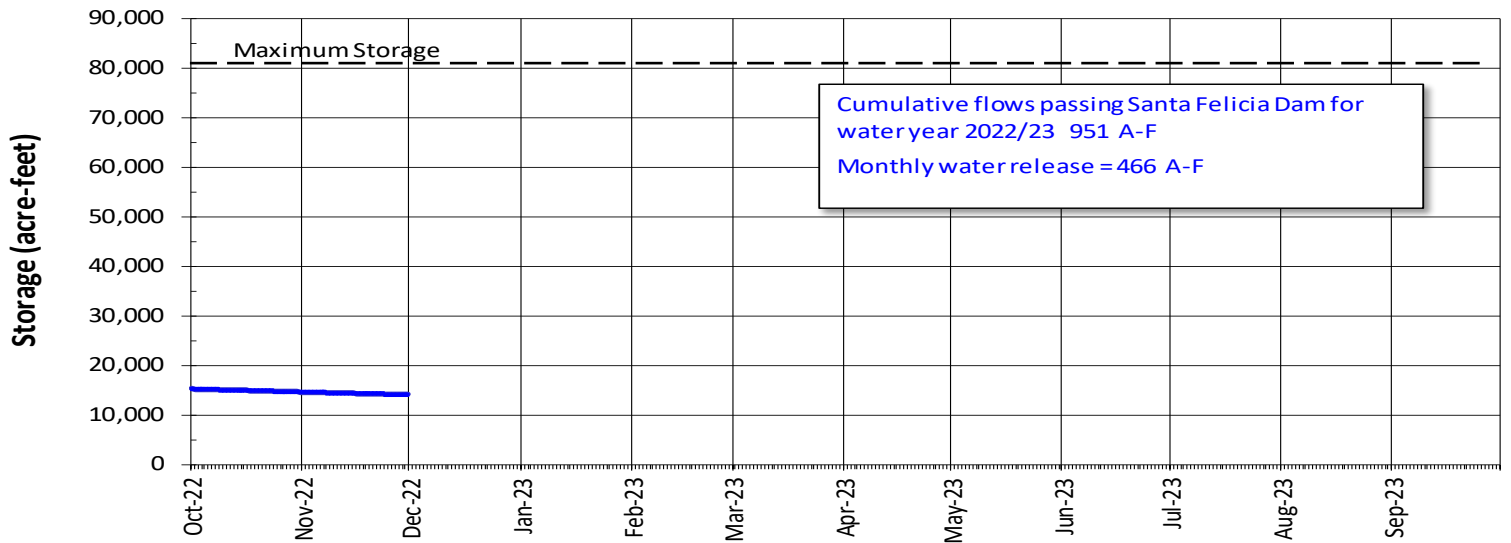
*Note: This report may contain provisional data until final review at the end of the water year.*

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# Precipitation

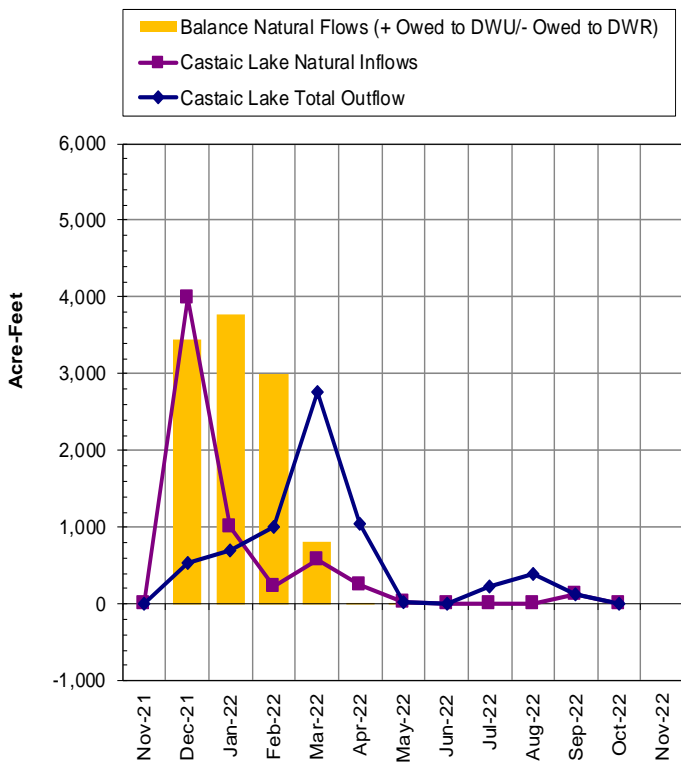


District-wide percent of normal precipitation = 48%

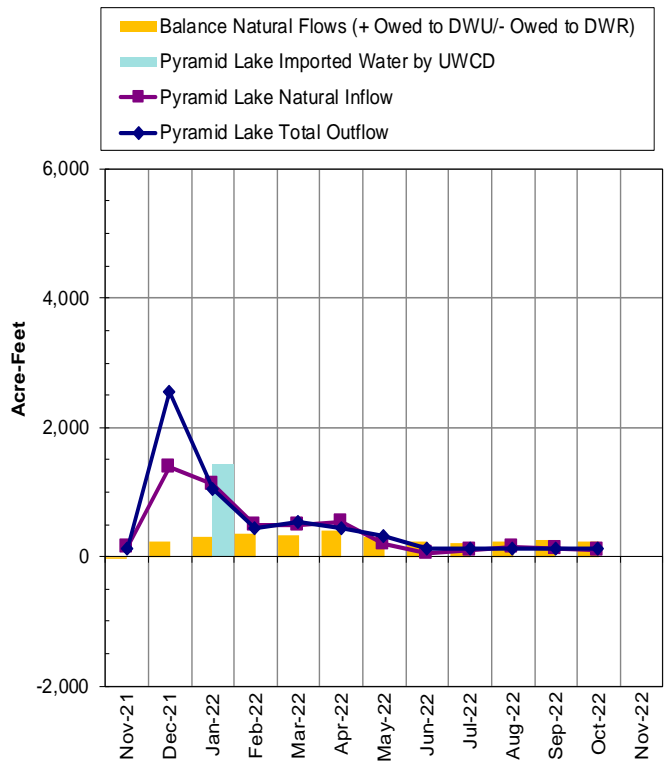


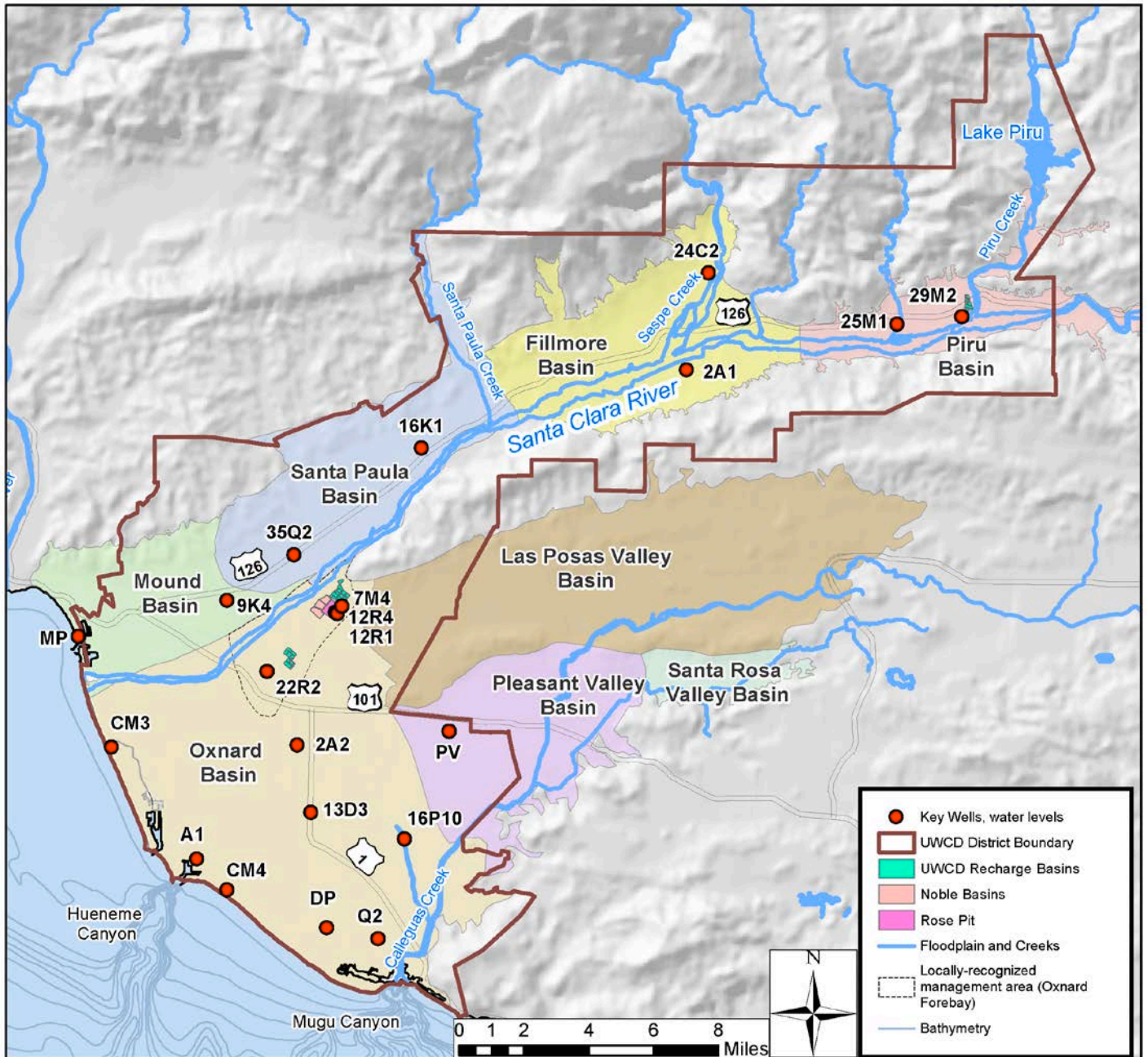
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Hydro Plant Outflow (Acre-Feet)	0	0										
Cumulative Hydro Plant Outflow (A-F)	0	0										

### Castaic Lake releases to downstream water users (DWU)



### Pyramid Lake releases to UWCD

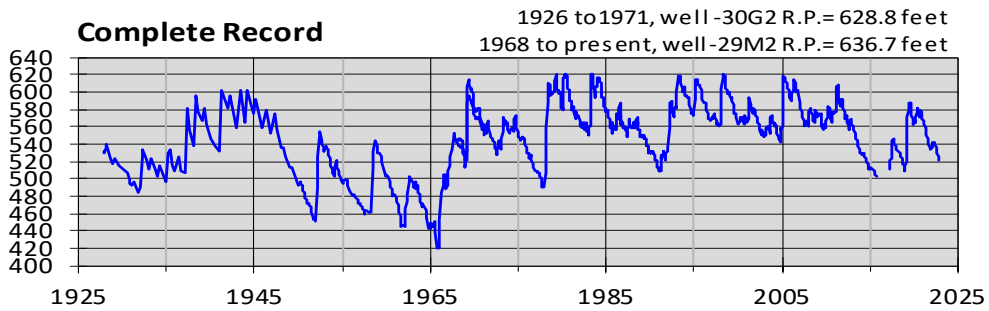
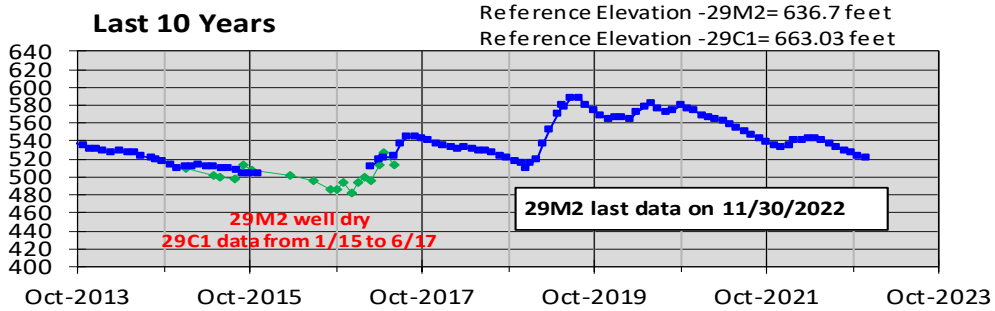




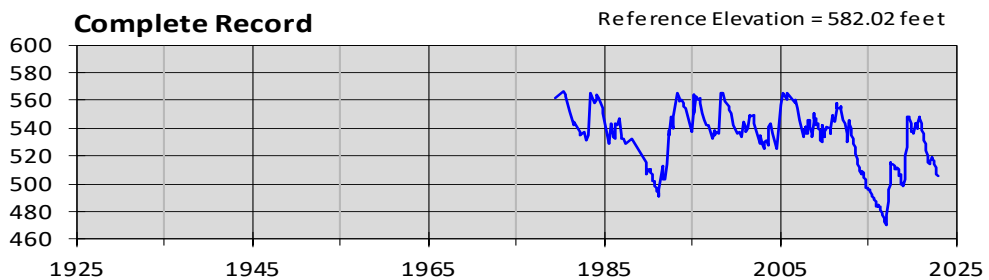
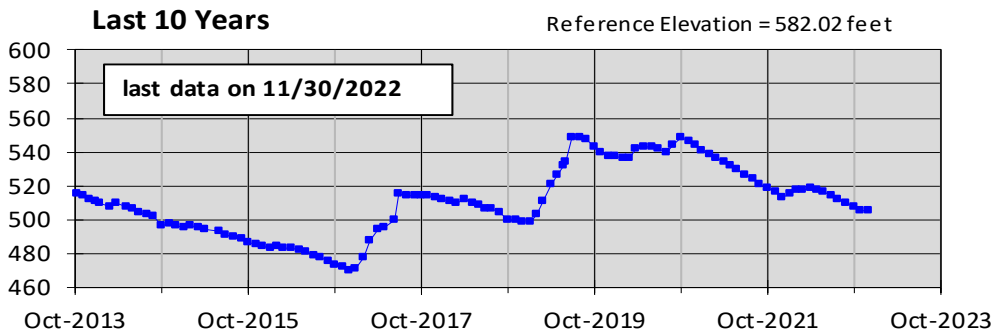
## Locations of Key Wells, Monthly Groundwater Elevation Monitoring

# Groundwater Elevation Records – Piru Basin

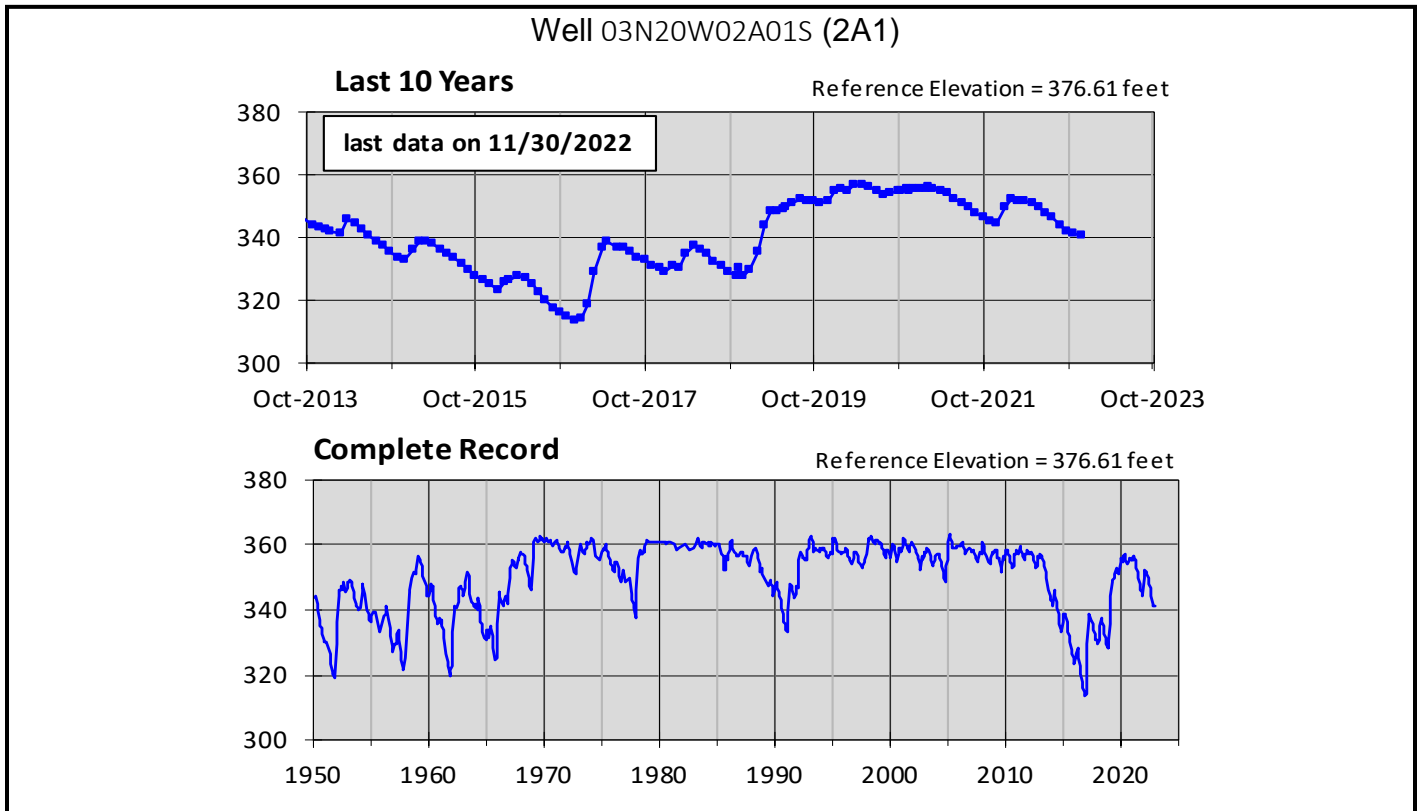
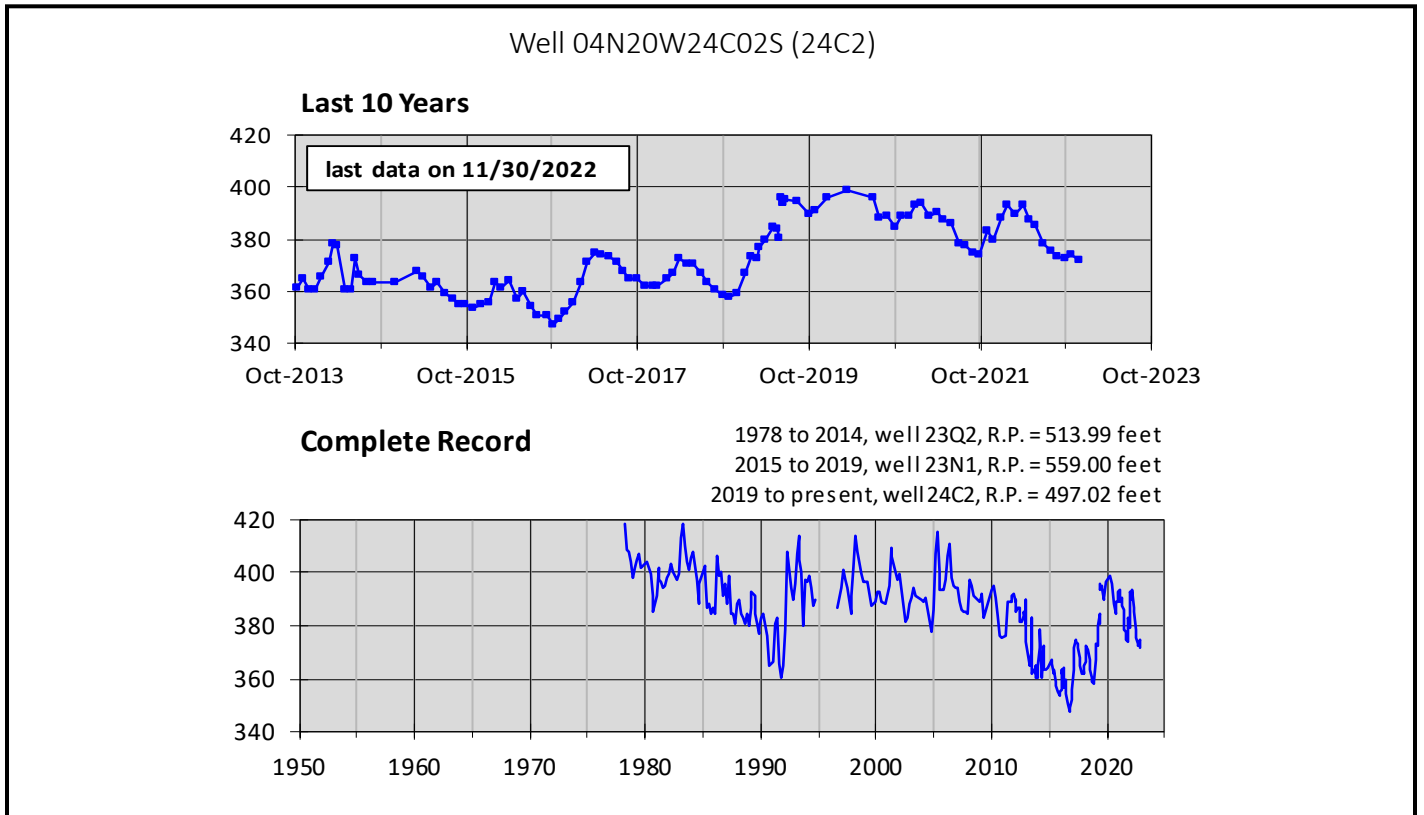
Well 04N18W29M02S (29M2)



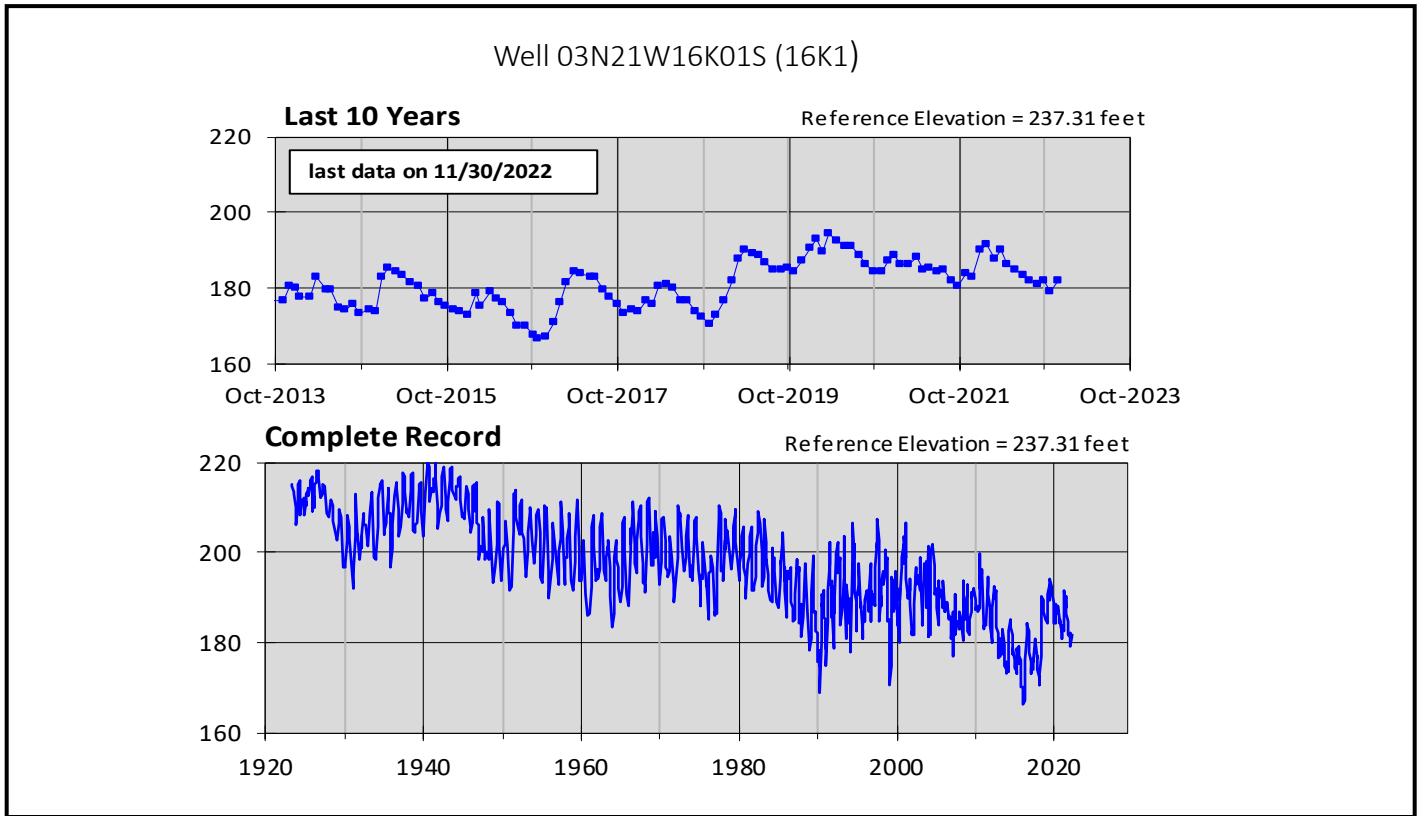
Well 04N19W25M01S (25M1)



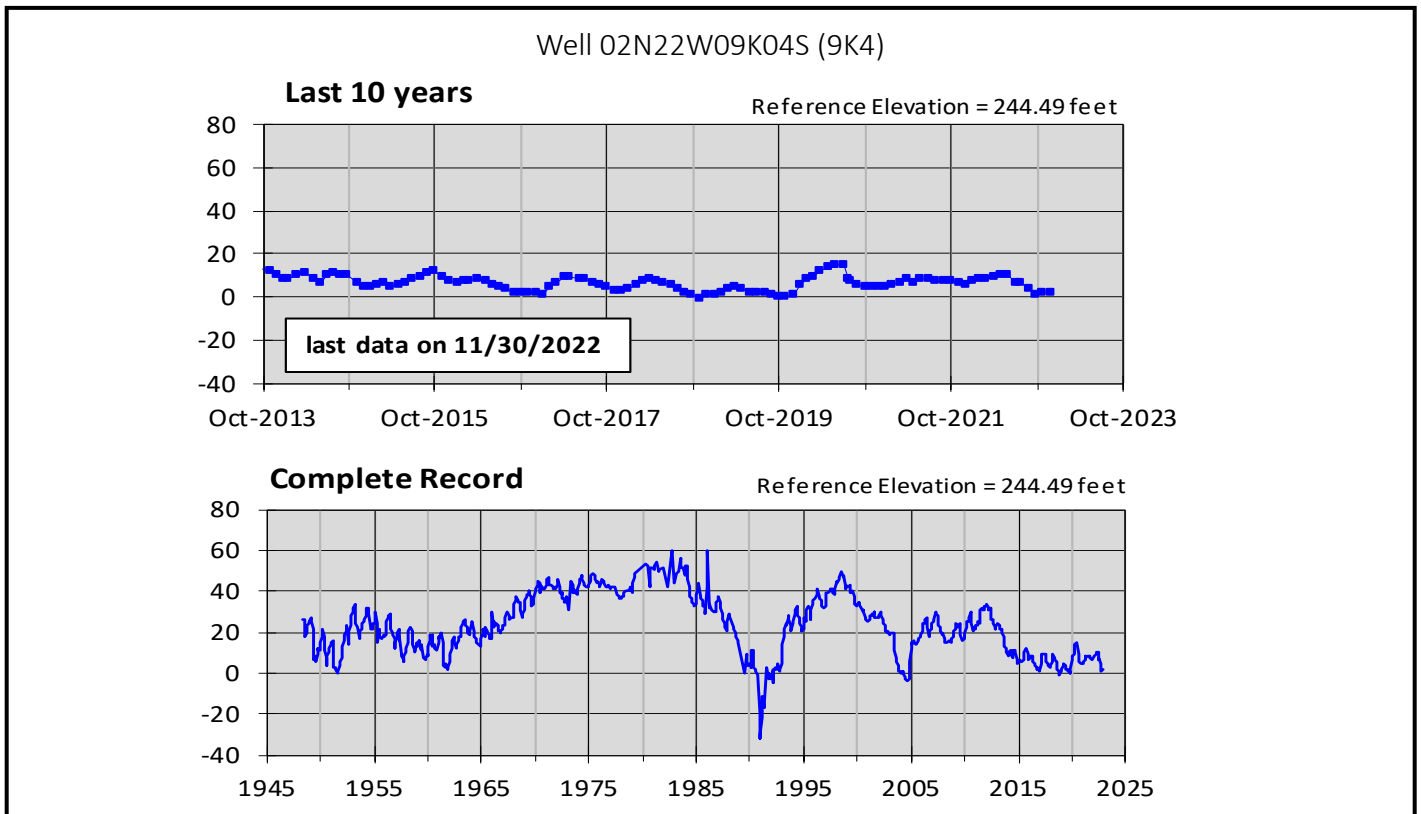
# Groundwater Elevation Records – Fillmore Basin



# Groundwater Elevation Records – Santa Paula Basin



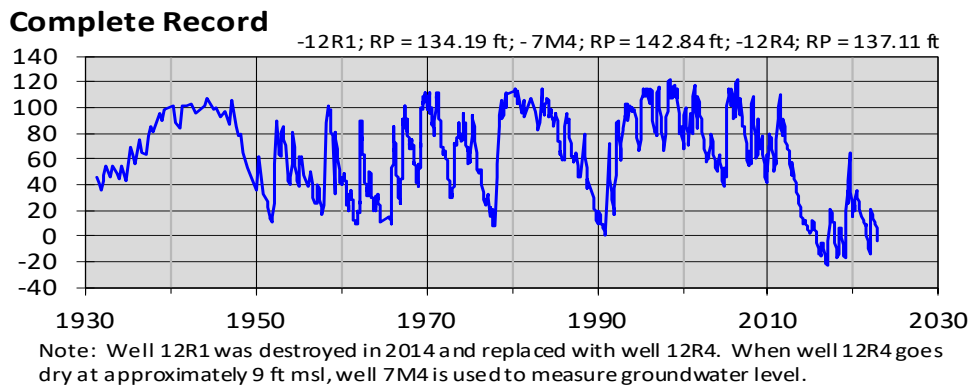
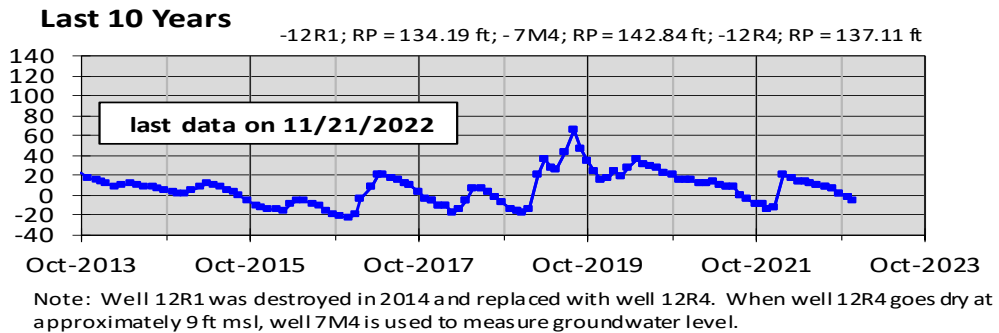
# Groundwater Elevation Records – Mound Basin



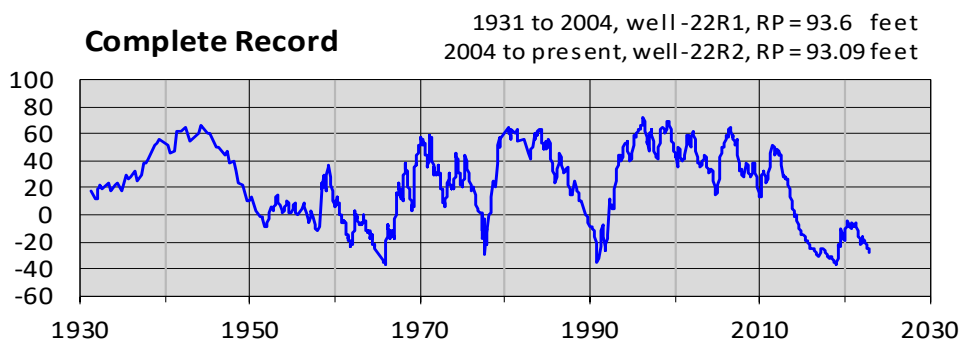
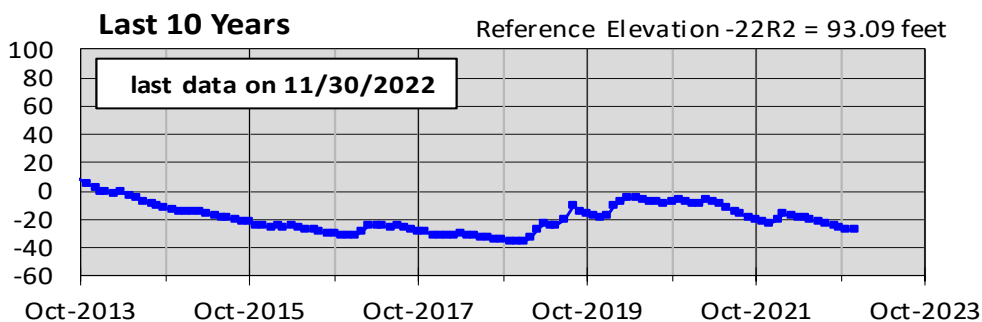


# Groundwater Elevation Records – Oxnard Basin, Forebay

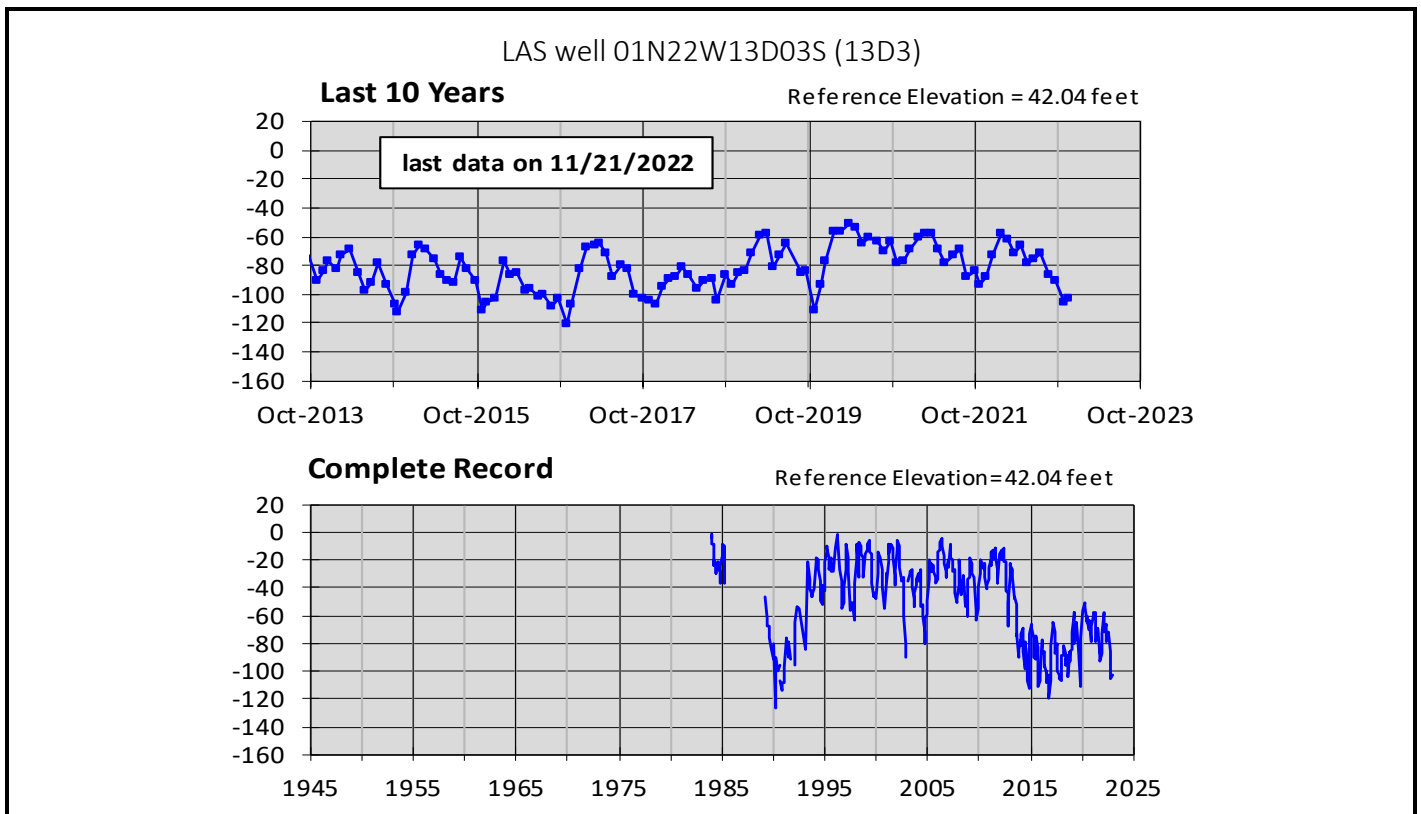
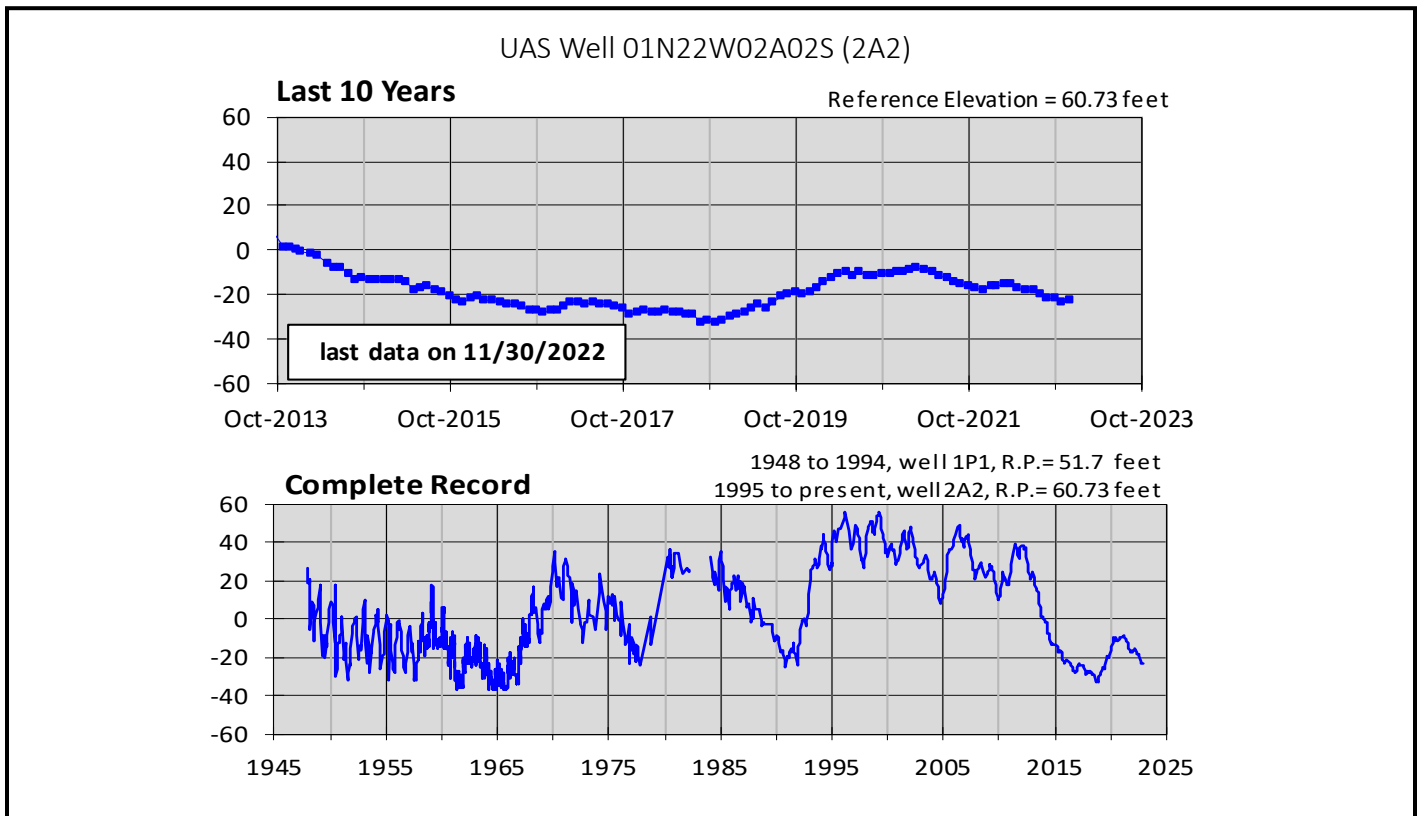
Wells 02N22W12R01S (12R1), 02N22W12R04S (12R4), and 02N21W07M04S (7M4)



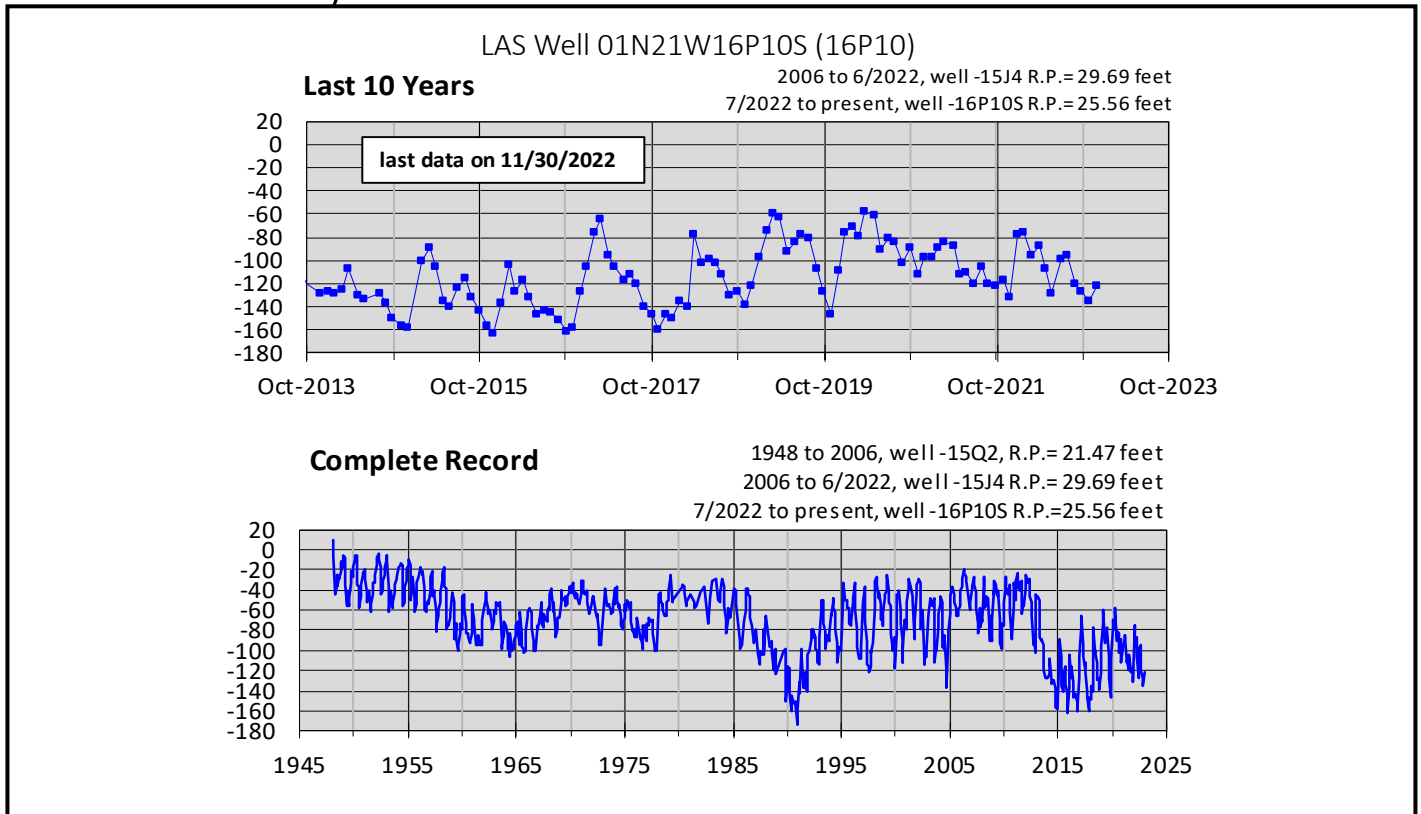
Well 02N22W22R02S (22R2)



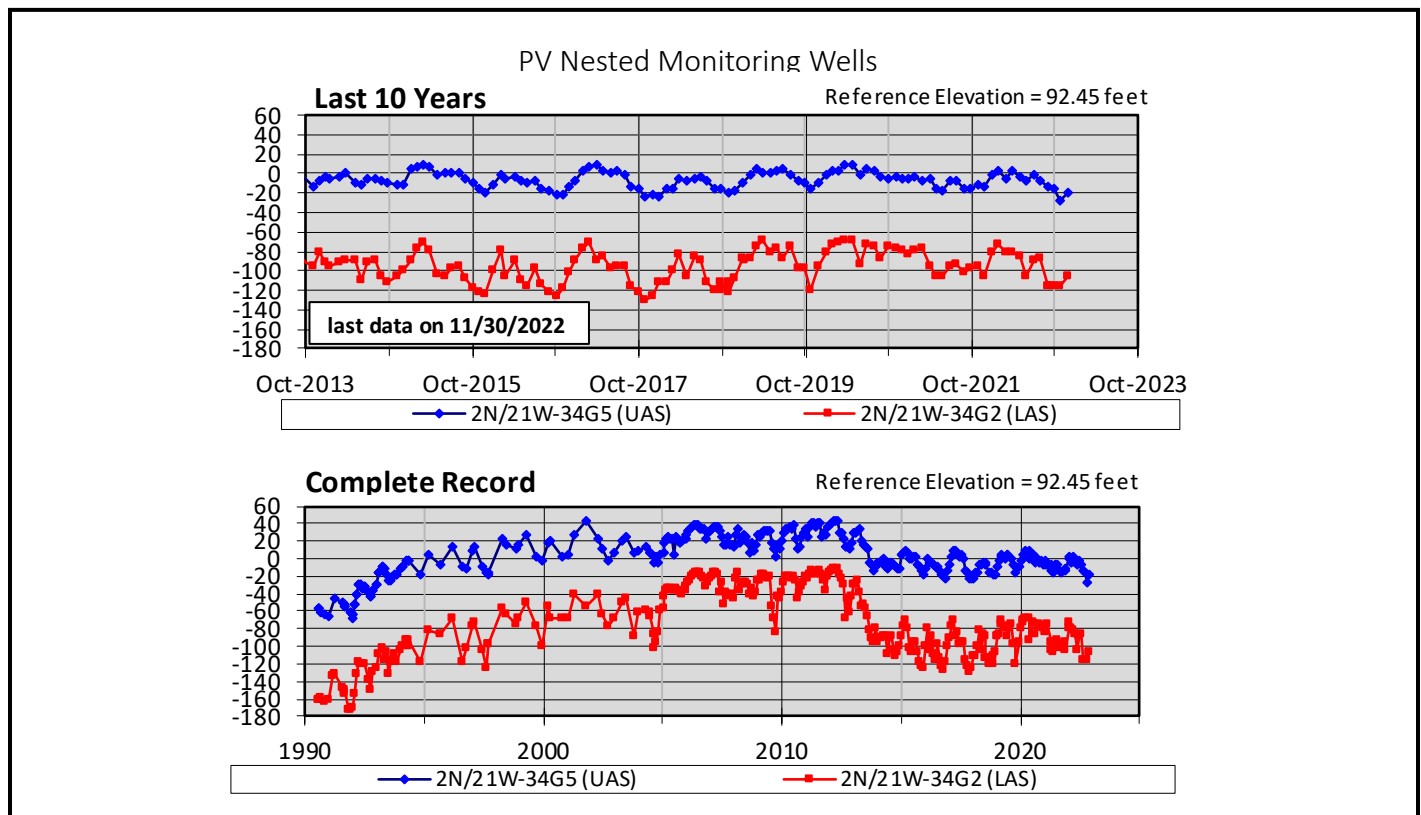
# Groundwater Elevation Records – Oxnard Basin



# Groundwater Elevation Records – eastern Oxnard/Pleasant Valley Basin Boundary Area

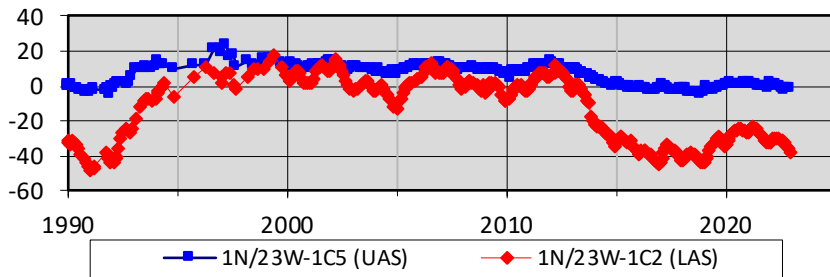


# Groundwater Elevation Records – Pleasant Valley Basin

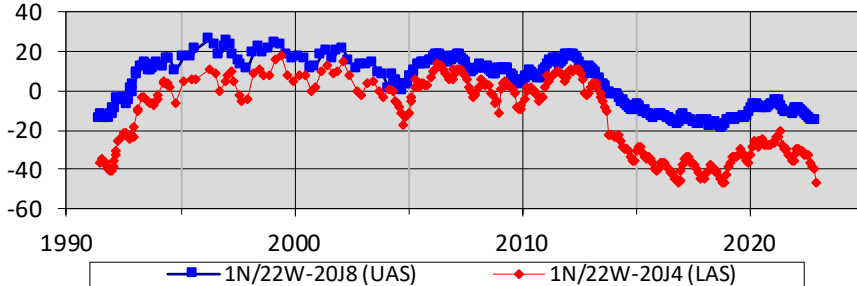


# Groundwater Elevation Records – Coastal Nested Monitoring Wells

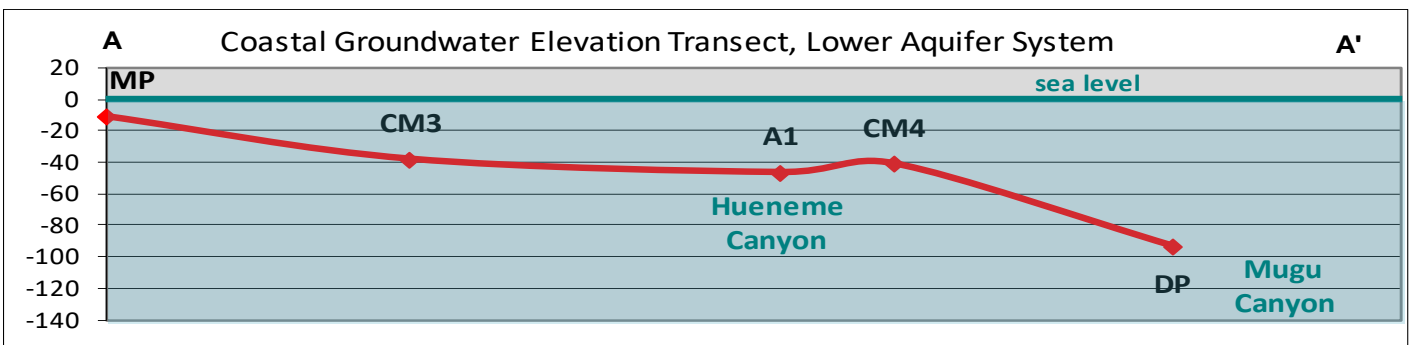
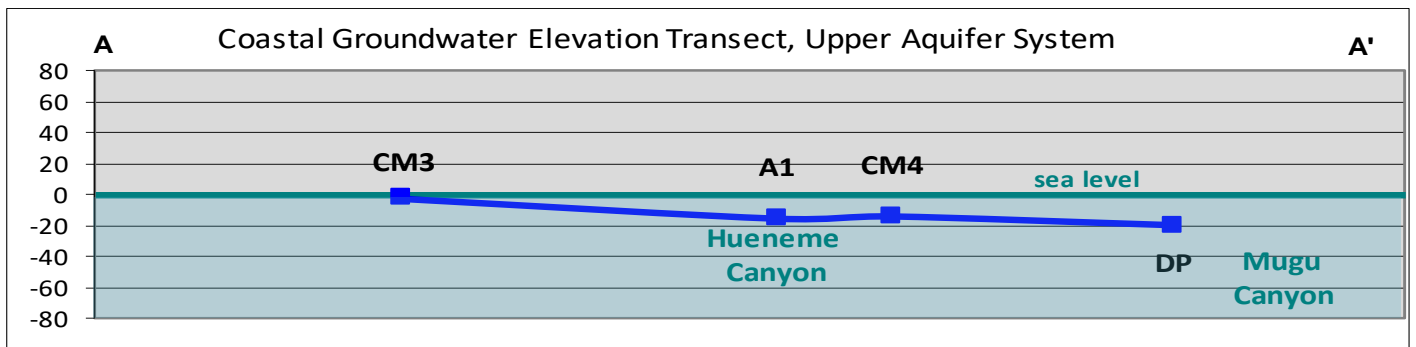
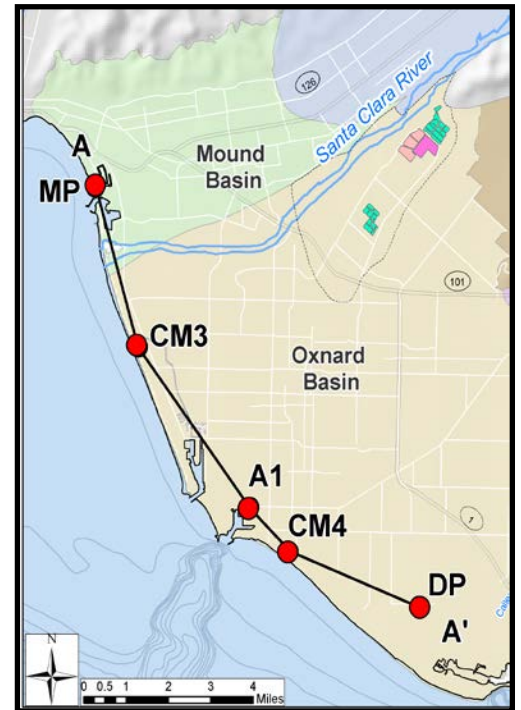
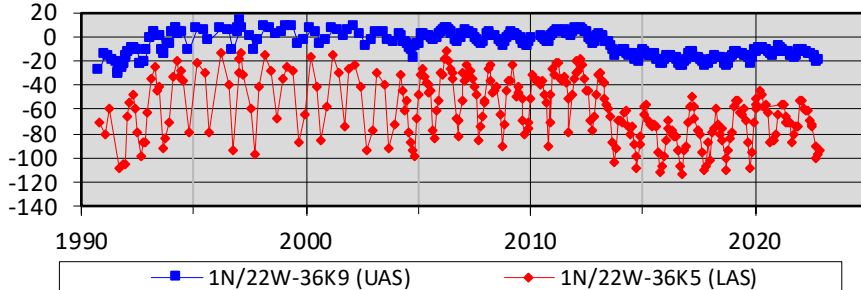
## CM3 Groundwater Elevations



## A1 Groundwater Elevations



## DP Groundwater Elevations



## Monthly Water Deliveries, acre-feet (Water Year 2022/23)

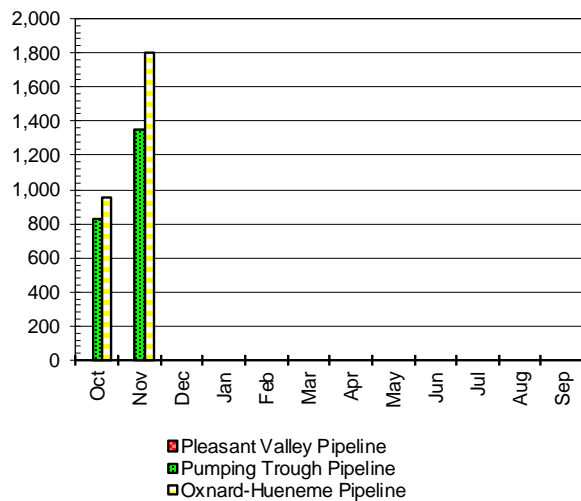
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PV Pipeline (surface water)	0.0	0.0										
PV Pipeline (saticoy well field)	0.0	0.0										
Total to Pleasant Valley Pipeline	0.0	0.0										
Saticoy Well Field	0.0	0.0										
PTP (surface water)	0.0	0.0										
PTP (groundwater) *	823.4	532.5										
PTP (Saticoy well field)	0.0	0.0										
Total PTP	823.4	532.5										
O-H Pipeline (groundwater)	952.3	850.2										
Total Surface Water Delivery (PTP & PV)	0.0	0.0										
Total Groundwater Delivery (OH & PTP)	1,775.7	1,382.7										
Total Delivery, Surface Water & GW	1,775.7	1,382.7										

\*Includes OH-12/13: 116.5 AF in Oct.; 32.05 AF in Nov.

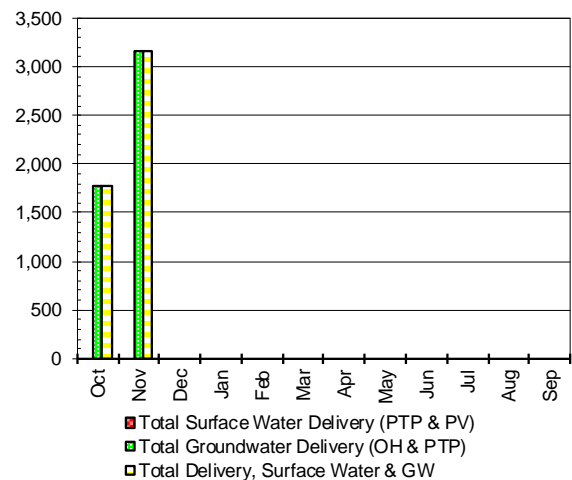
## Cumulative Water Deliveries, acre-feet (Water Year 2022/23)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PV Pipeline (surface water)	0.0	0.0										
PV Pipeline (saticoy well field)	0.0	0.0										
Total to Pleasant Valley Pipeline	0.0	0.0										
Saticoy Well Field	0.0	0.0										
PTP (surface water)	0.0	0.0										
PTP (groundwater) *	823.4	1,355.9										
PTP (Saticoy well field)	0.0	0.0										
Total PTP	823.4	1,355.9										
O-H Pipeline (groundwater)	952.3	1,802.5										
Total Surface Water Delivery (PTP & PV)	0.0	0.0										
Total Groundwater Delivery (OH & PTP)	1,775.7	3,158.4										
Total Delivery, Surface Water & GW	1,775.7	3,158.4										

**Cumulative deliveries by system**



**Cumulative deliveries by source/type**

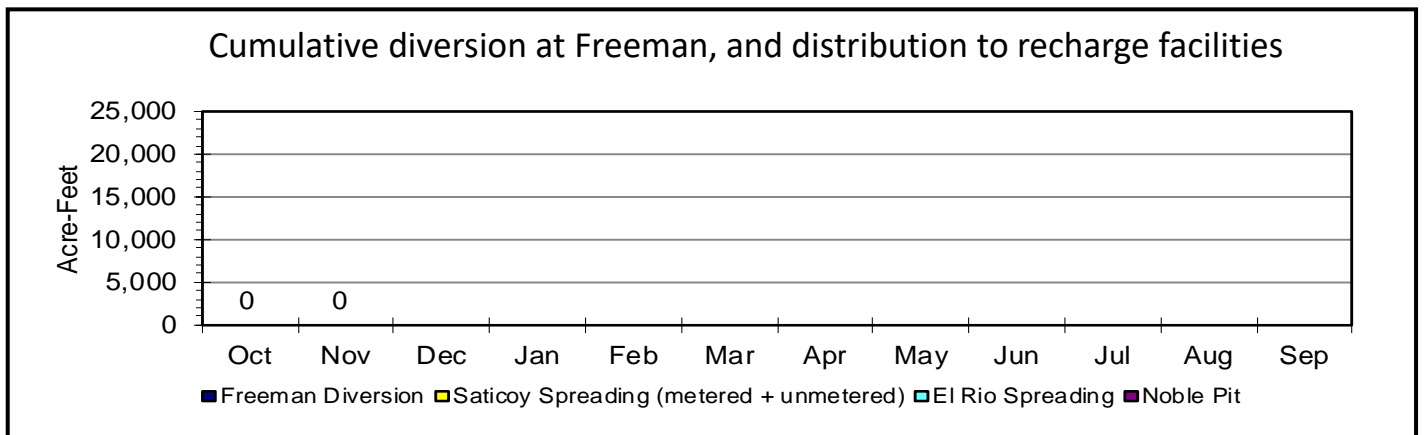


Monthly diversion and recharge totals by facility, 2022/23, in acre-feet

Month	Piru Spreading	Freeman Diversion	Saticoy Spreading (metered + unmetered)	El Rio Spreading	Noble Pit	LBMWC Water Use
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec						
Jan						
Feb						
Mar						
Apr						
May						
Jun						
Jul						
Aug						
Sep						

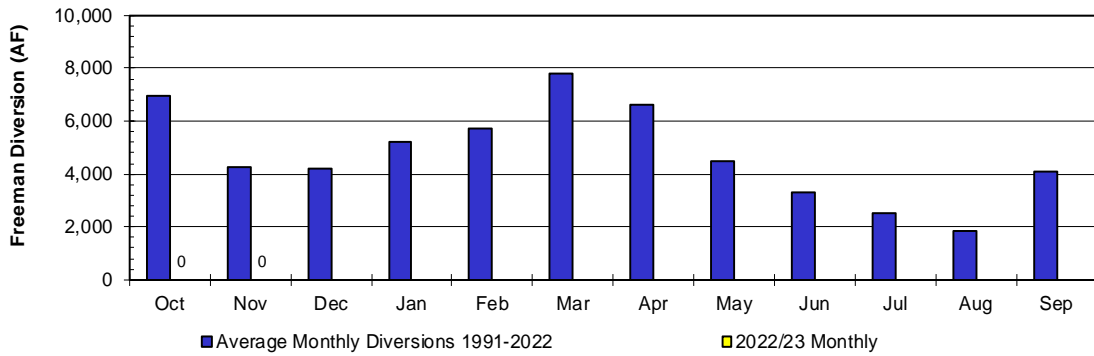
Cumulative diversion and recharge totals by facility, 2022/23, in acre-feet

Month	Piru Spreading	Freeman Diversion	Saticoy Spreading (metered + unmetered)	El Rio Spreading	Noble Pit	LBMWC Water Use
Oct	0	0	0	0	0	0
Nov	0	0	0	0	0	0
Dec						
Jan						
Feb						
Mar						
Apr						
May						
Jun						
Jul						
Aug						
Sep						

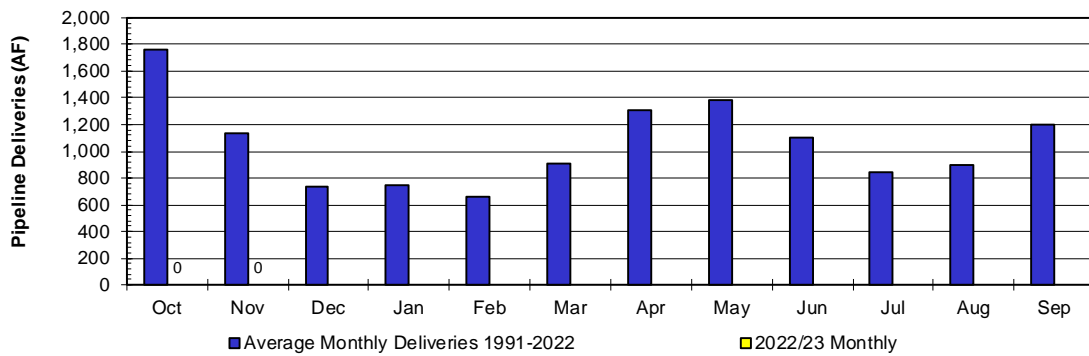


Cumulative diversions to Piru Spreading Grounds, 2022/23 = 0 AF

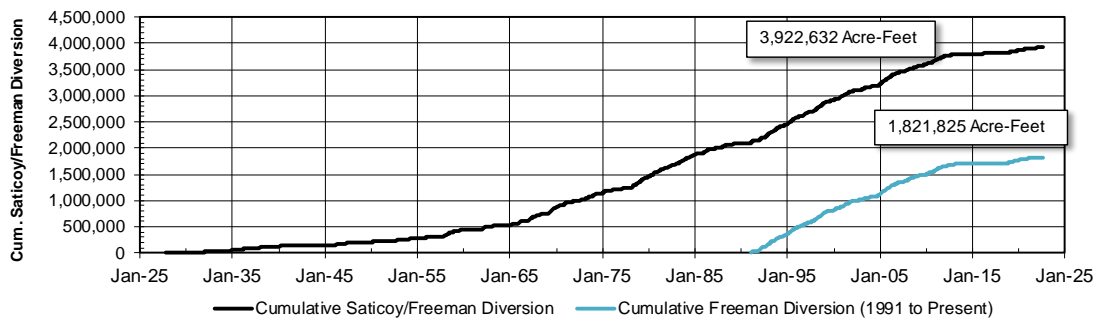
### Monthly 2022/23 diversion at Freeman, compared to average monthly diversions (1991-2021)



### Monthly 2022/23 pipeline deliveries (surface water deliveries), compared to average monthly pipeline deliveries (1991-2021)

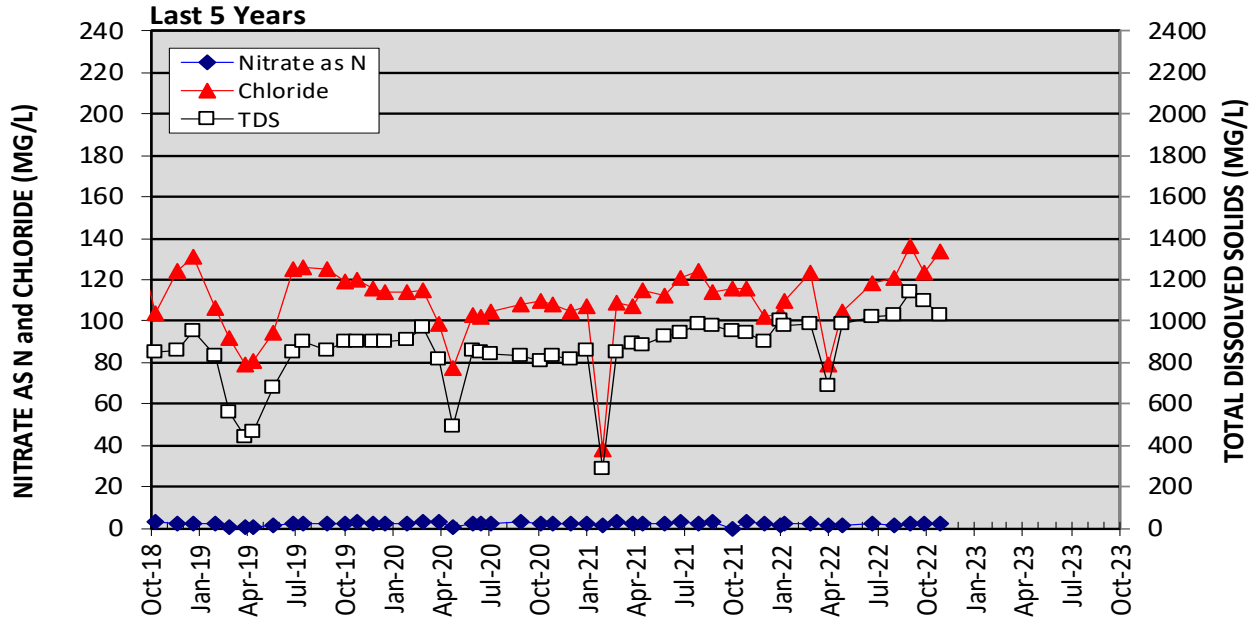


### Cumulative diversion at Saticoy and Freeman Diversion, in acre-feet

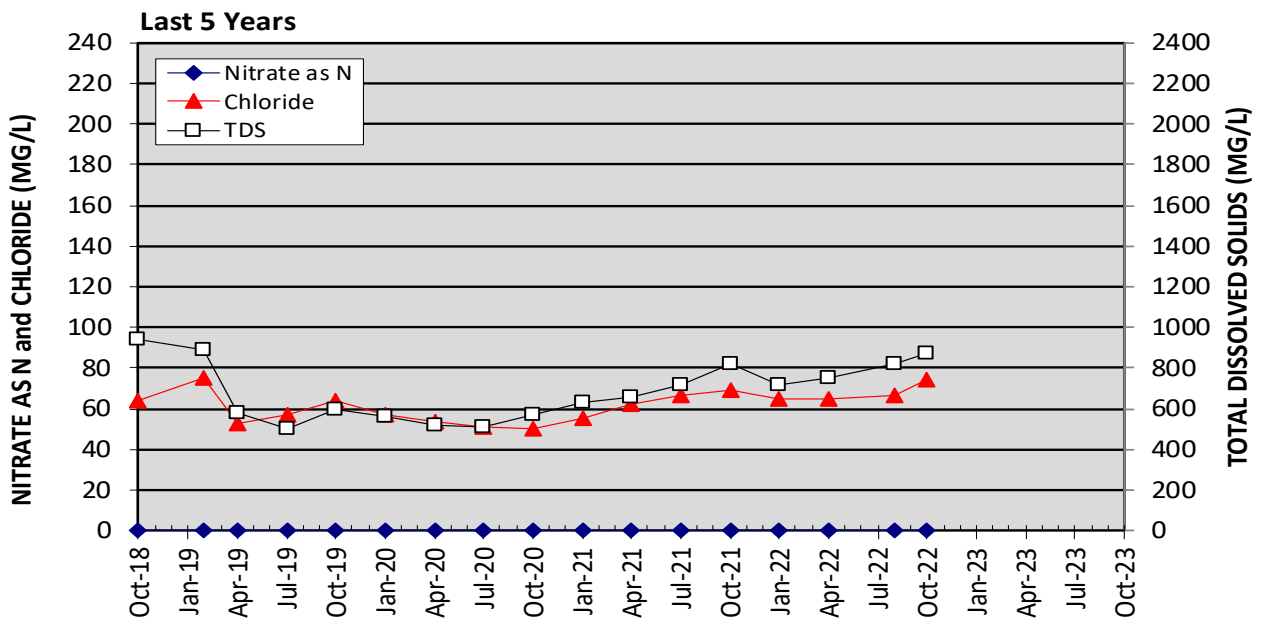


# Water Quality

Santa Clara River water quality near Los Angeles/Ventura County line

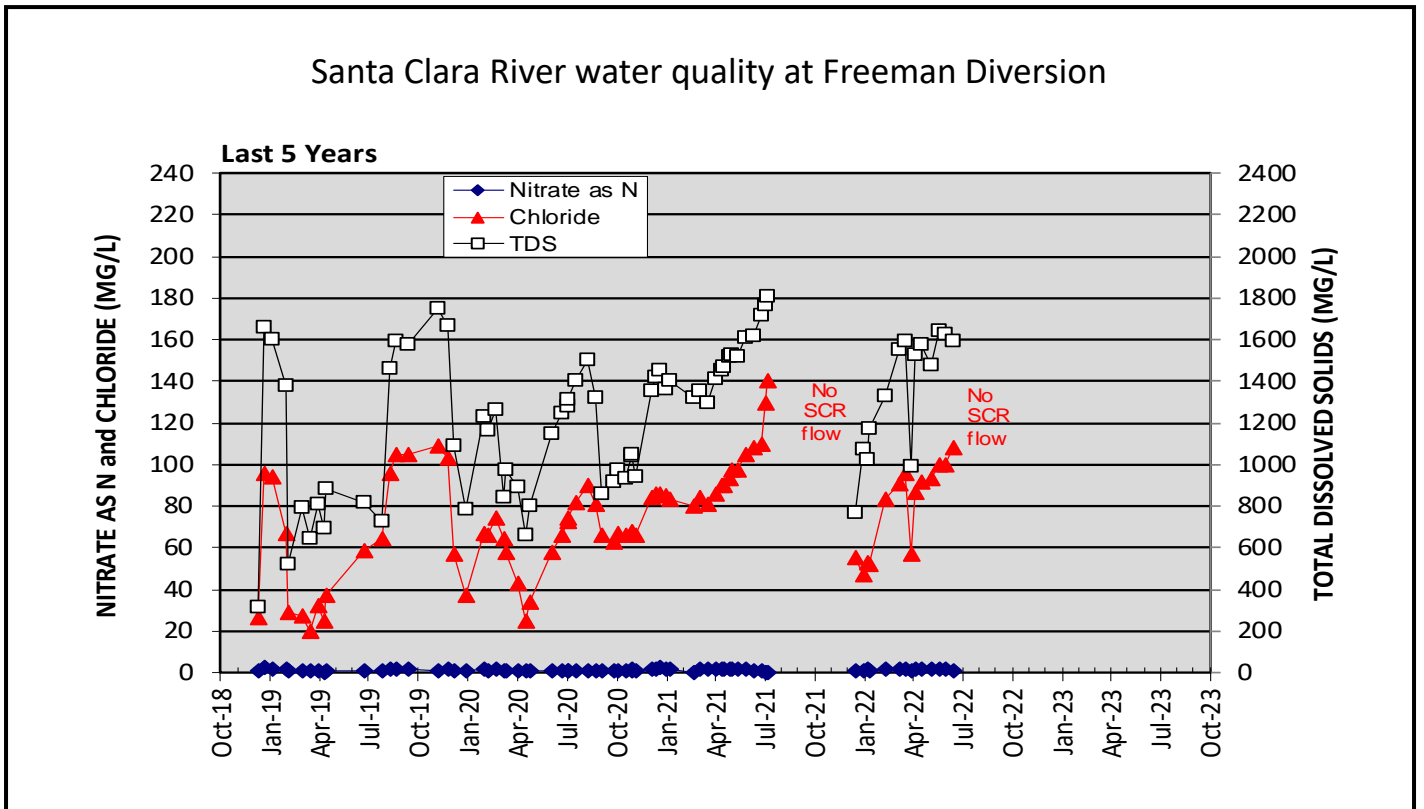
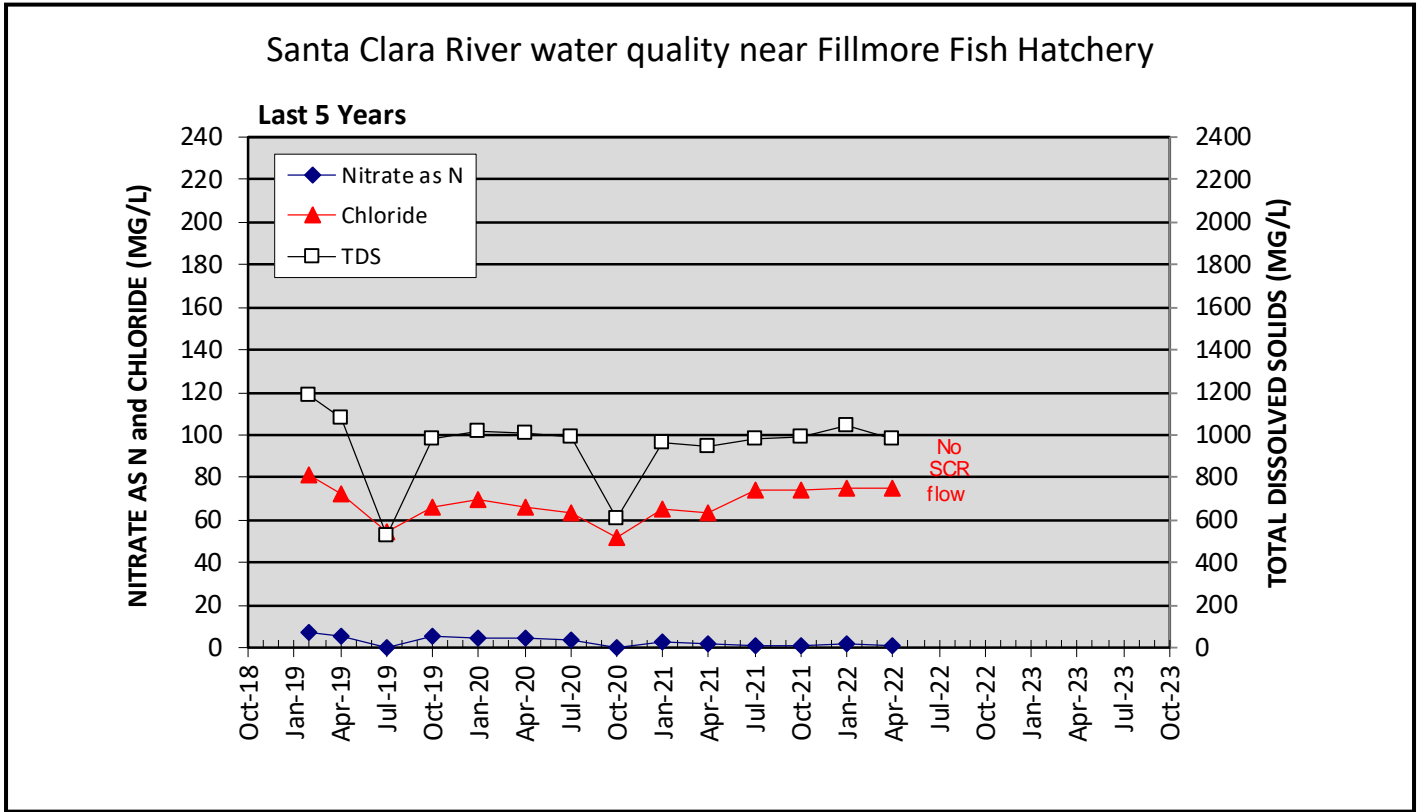


Piru Creek water quality below Santa Felicia Dam





# Water Quality



# Water Quality

