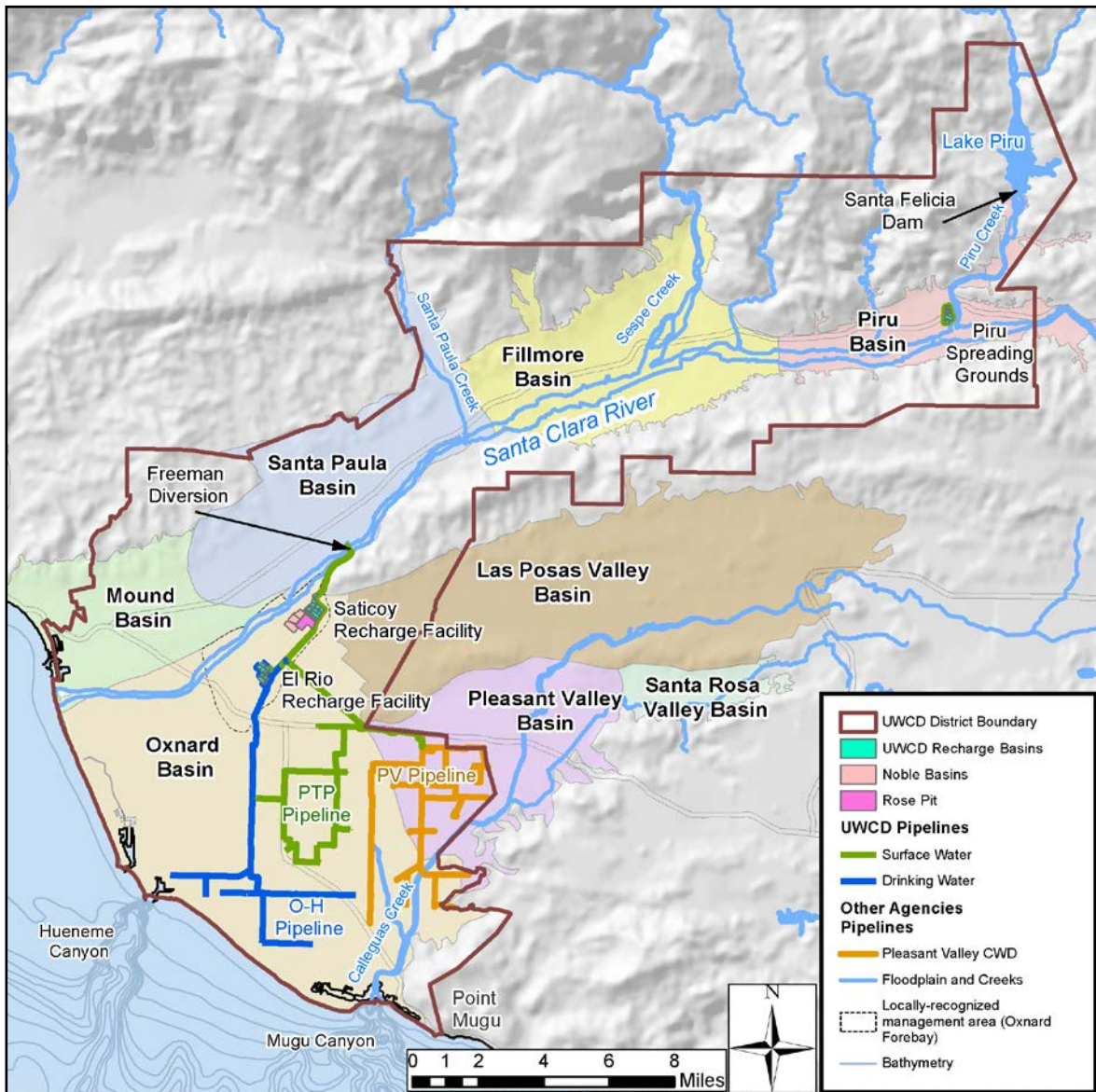




United Water CONSERVATION DISTRICT

October 2022 Hydrologic Conditions Report 2022/23 Water Year

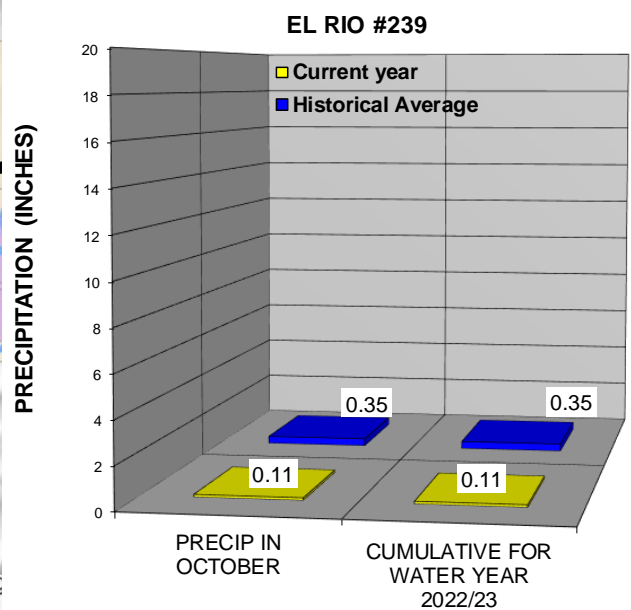
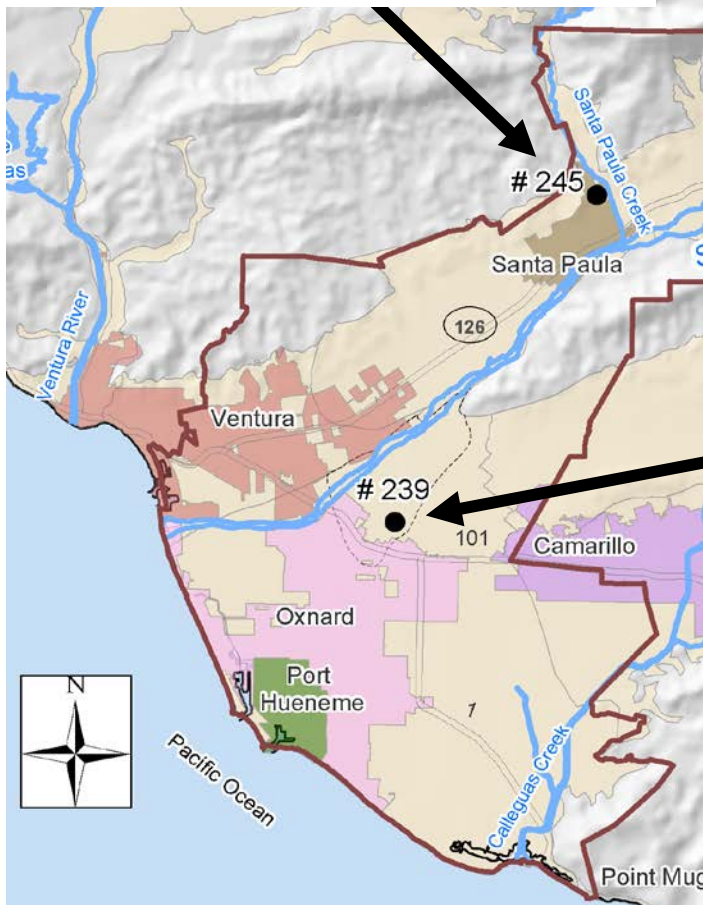
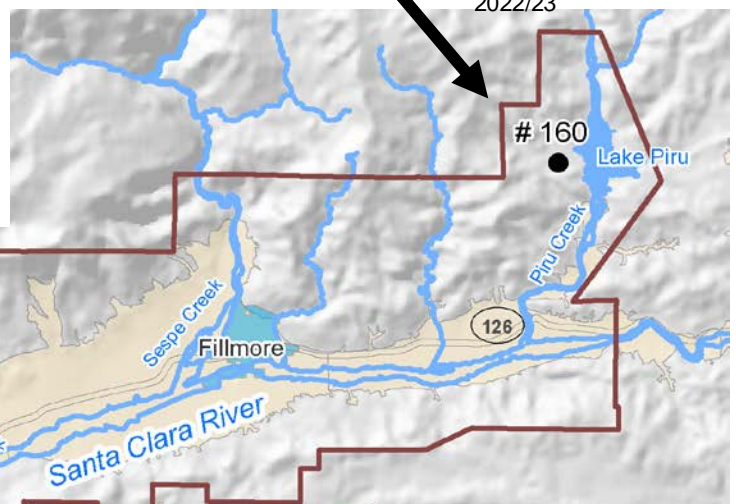
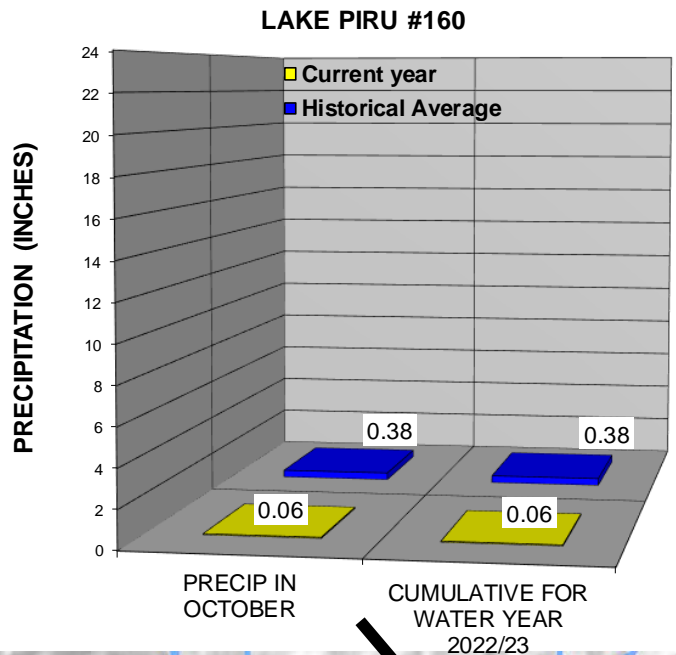
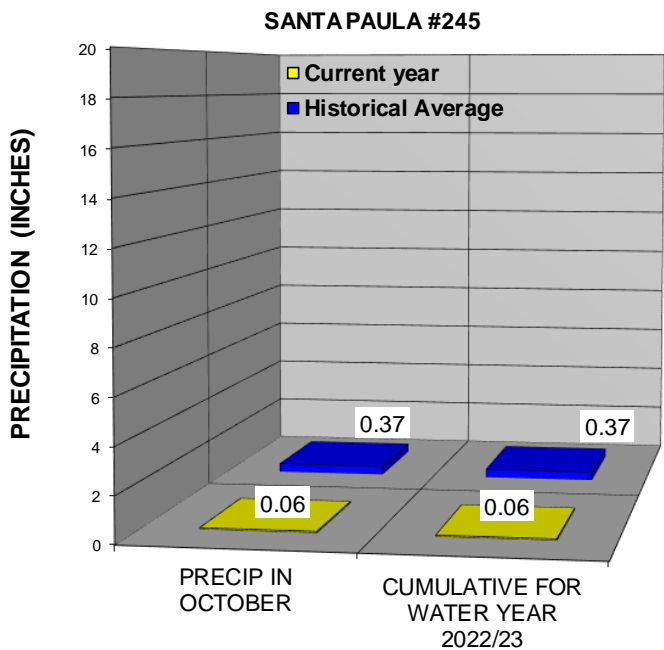
November 2, 2022



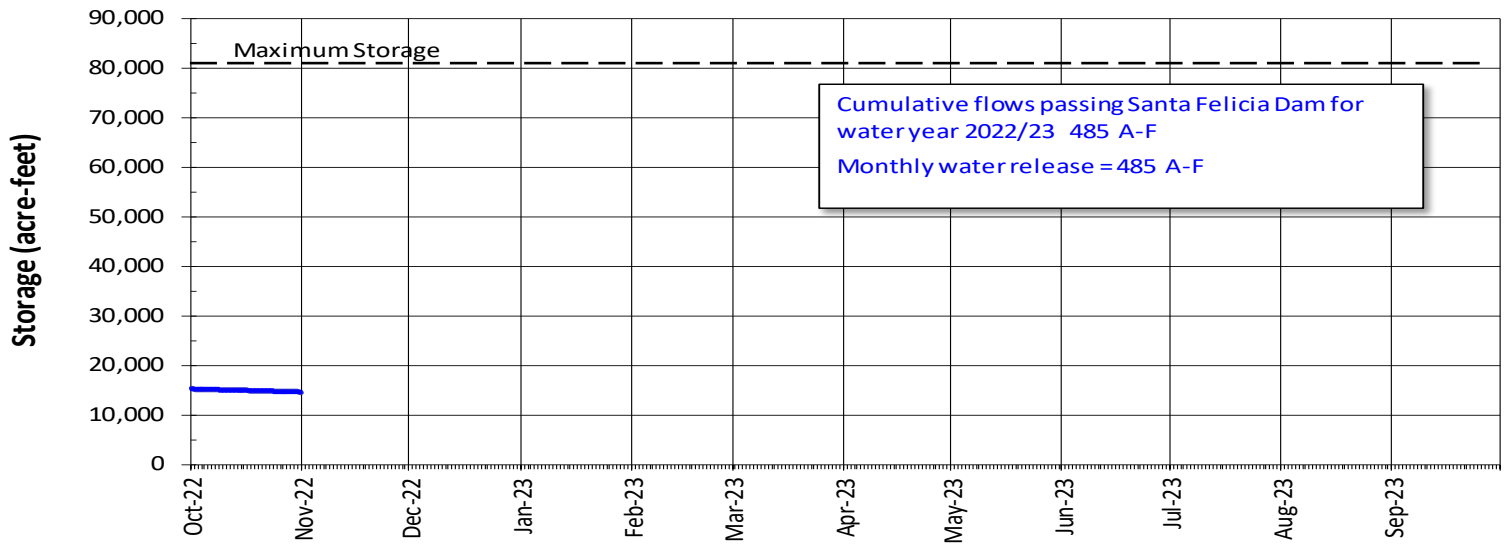
Note: This report may contain provisional data until final review at the end of the water year.

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Precipitation

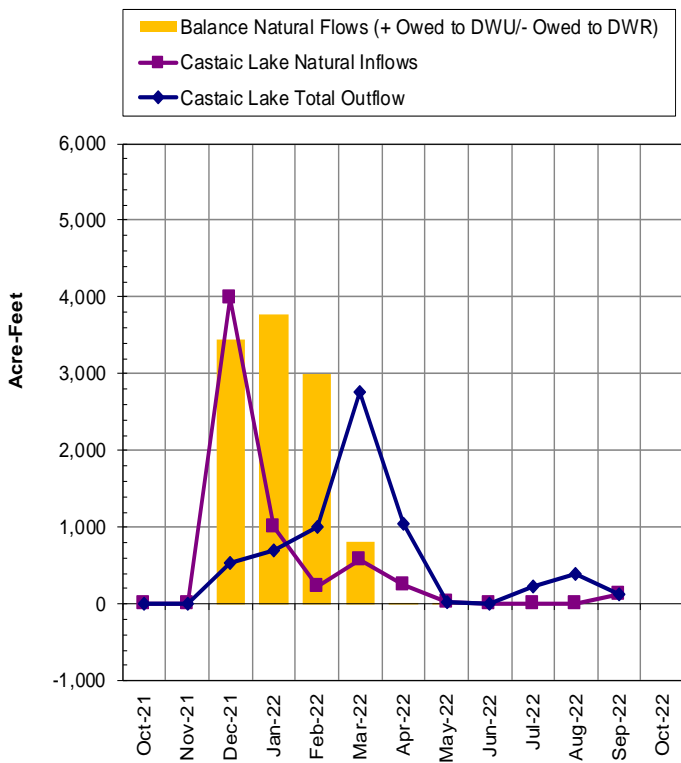


District-wide percent of normal precipitation = NA

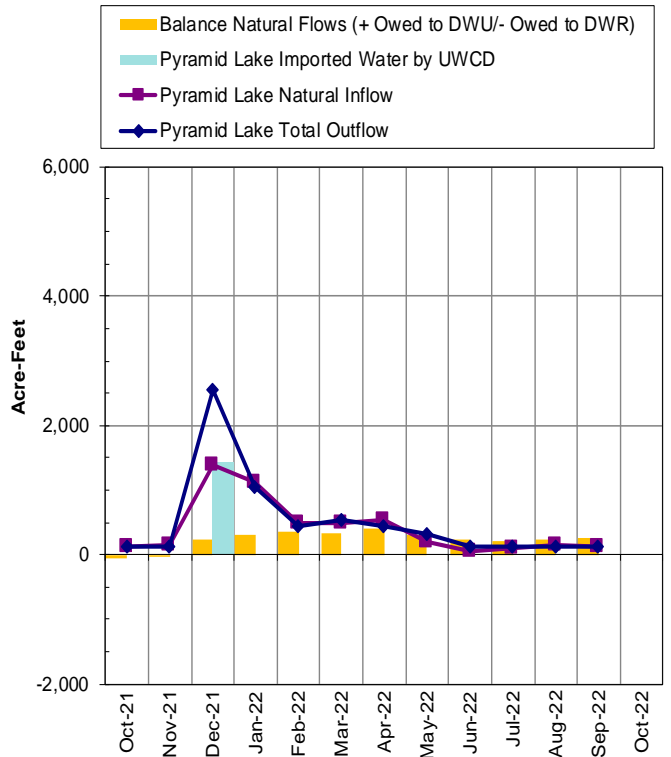


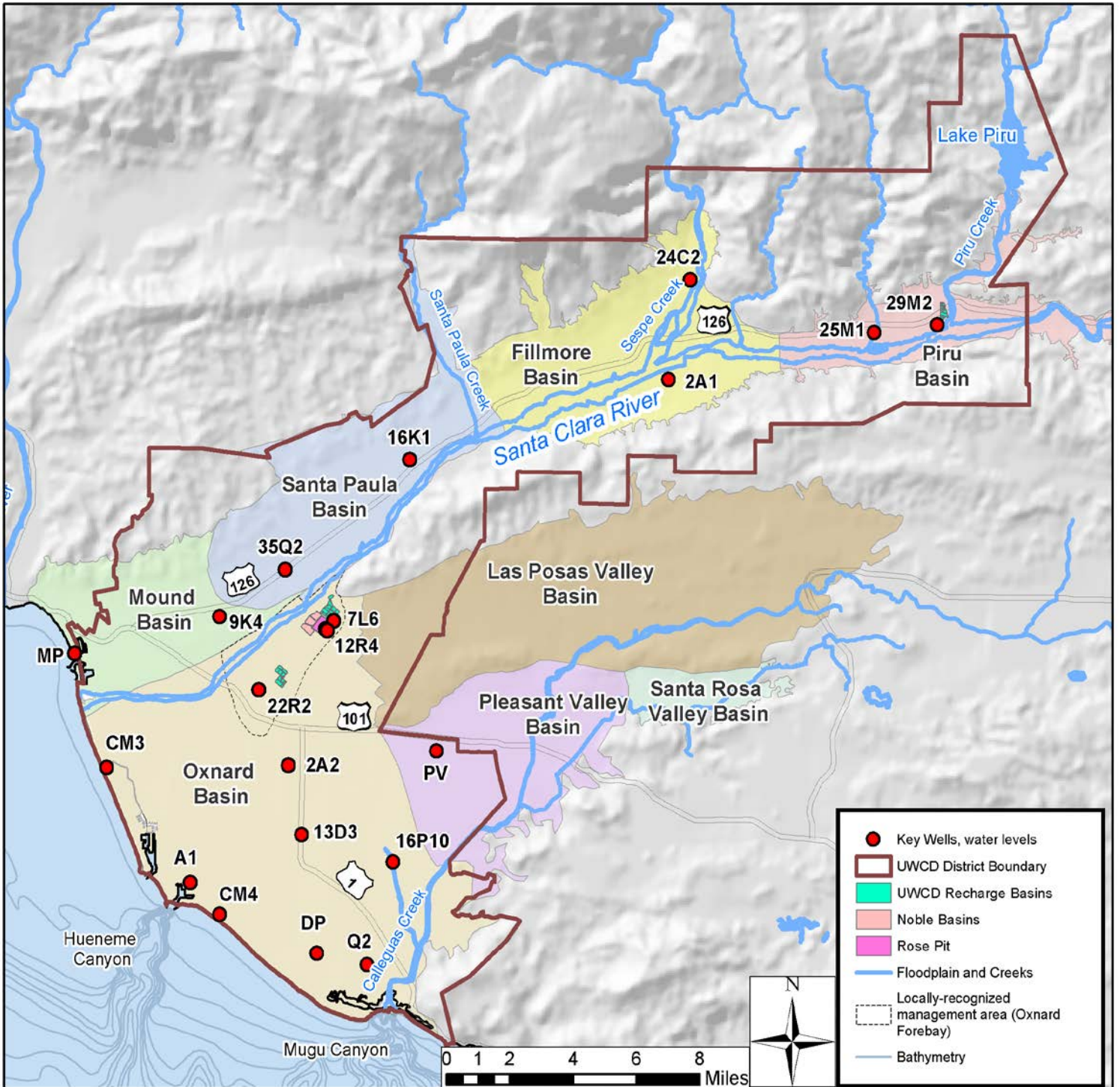
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Hydro Plant Outflow (Acre-Feet)	0											
Cumulative Hydro Plant Outflow (A-F)	0											

Castaic Lake releases to downstream water users (DWU)



Pyramid Lake releases to UWCD

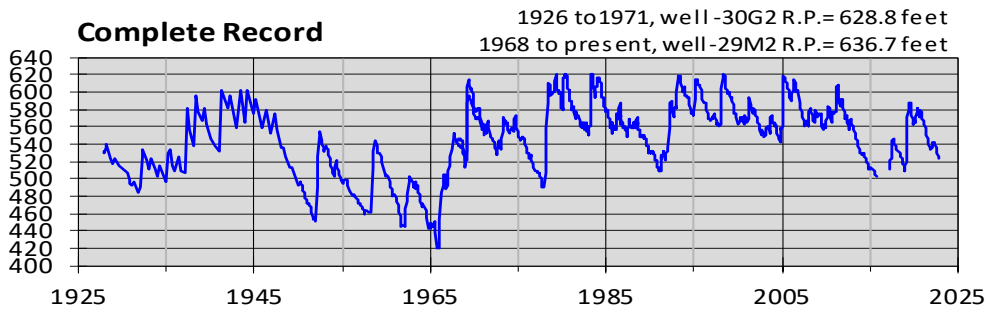
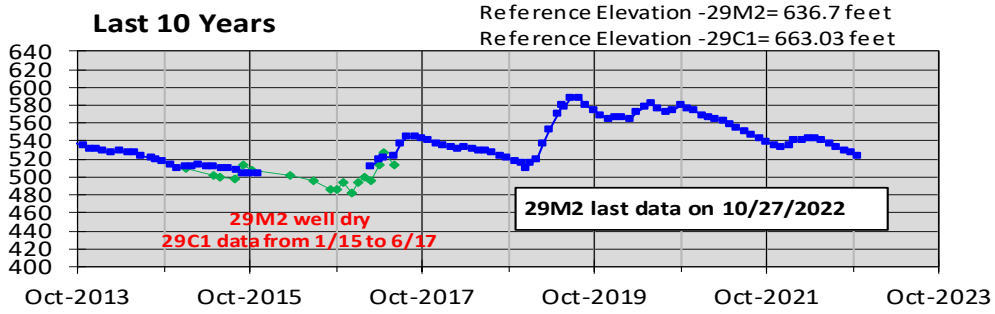




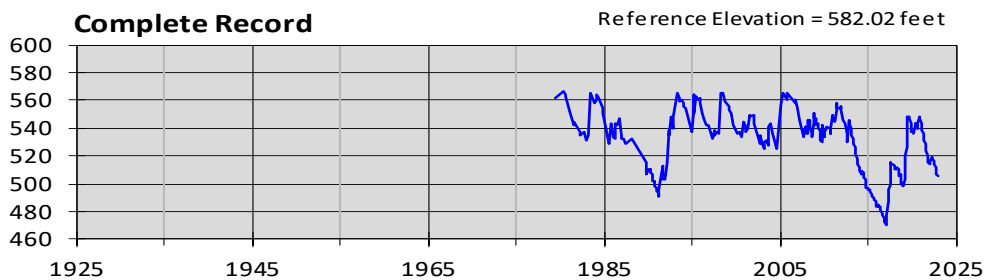
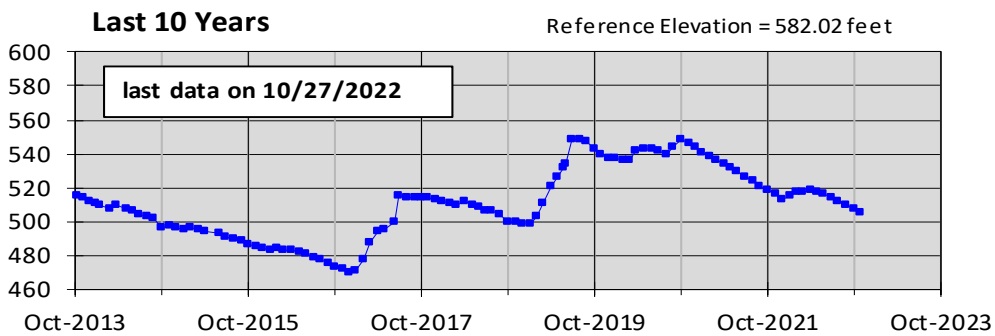
Locations of Key Wells, Monthly Groundwater Elevation Monitoring

Groundwater Elevation Records – Piru Basin

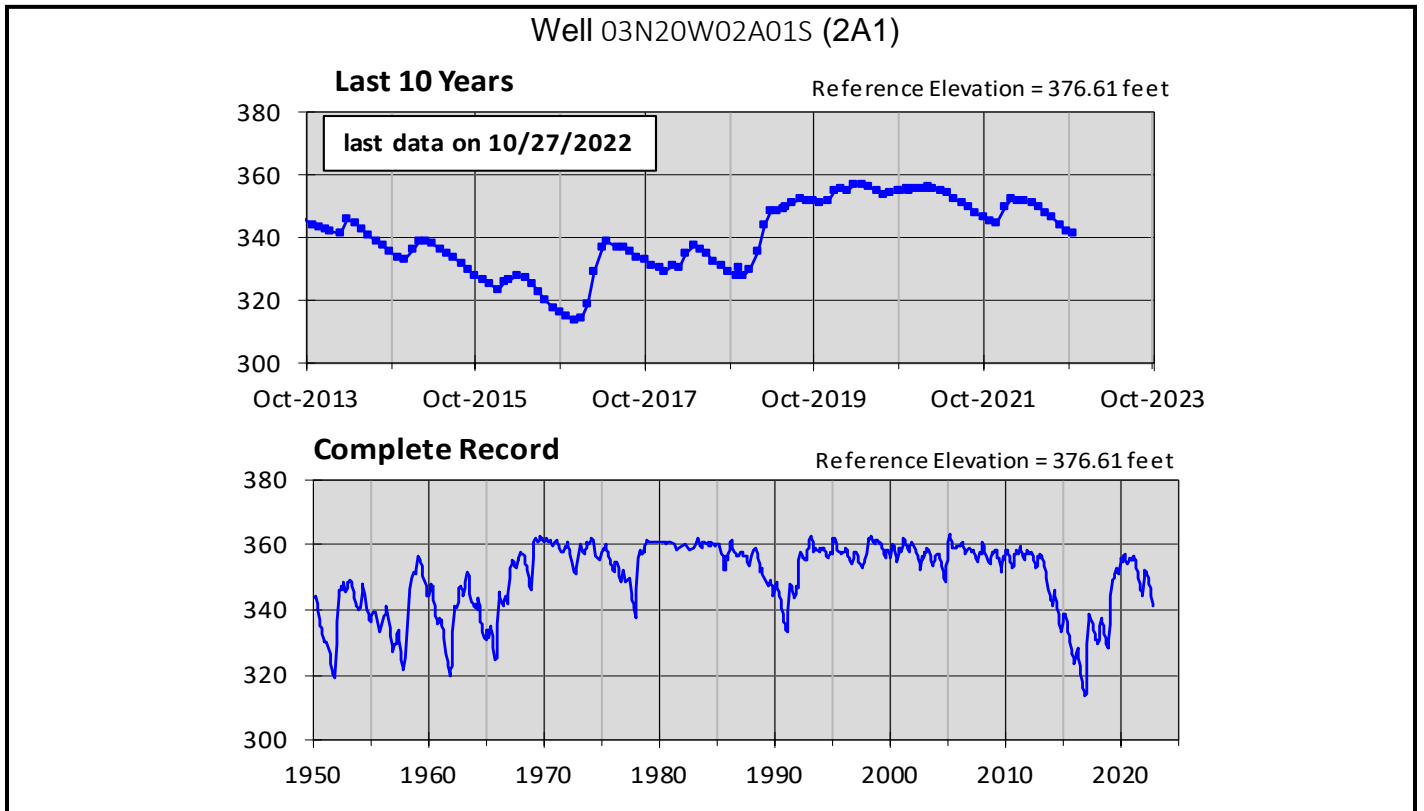
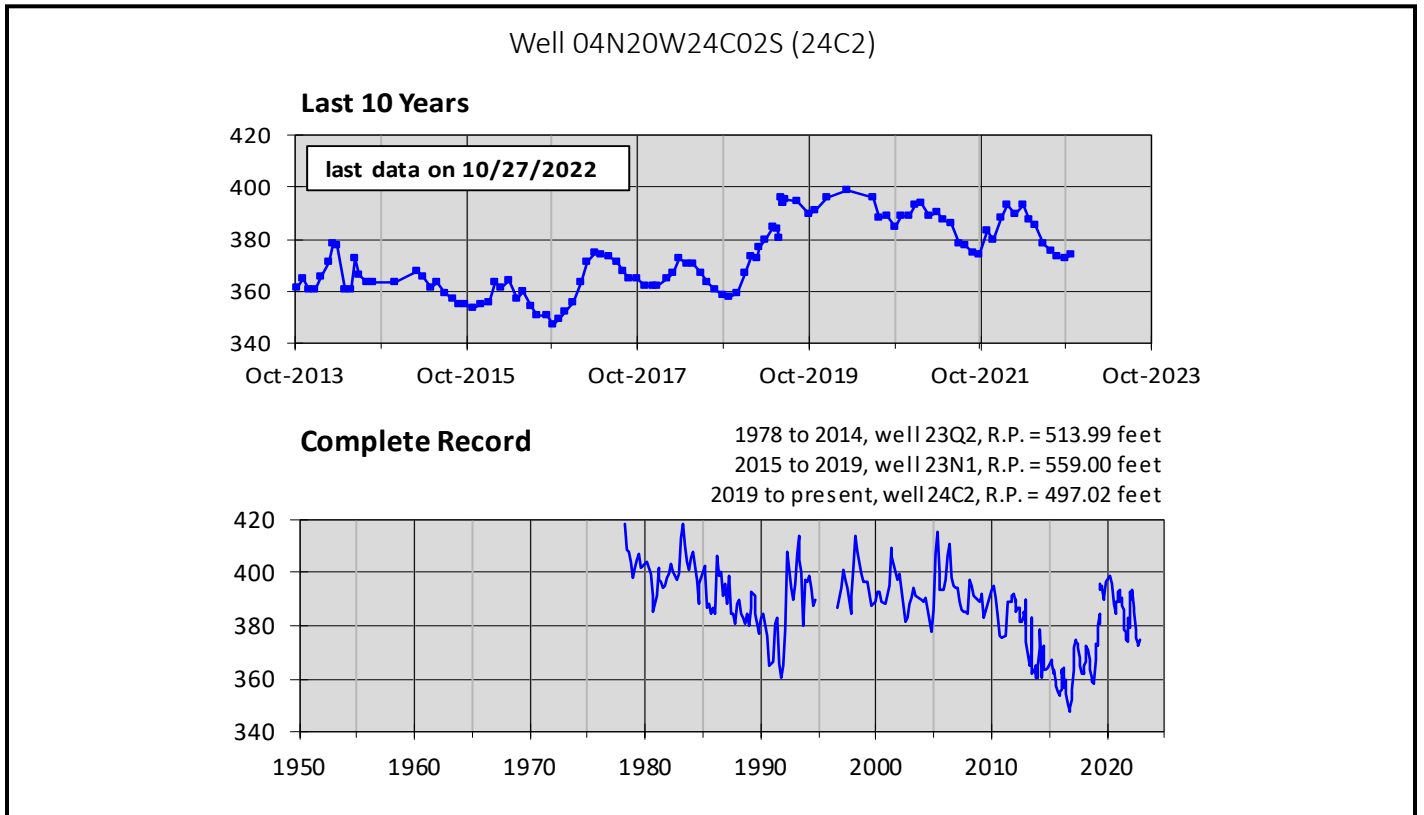
Well 04N18W29M02S (29M2)



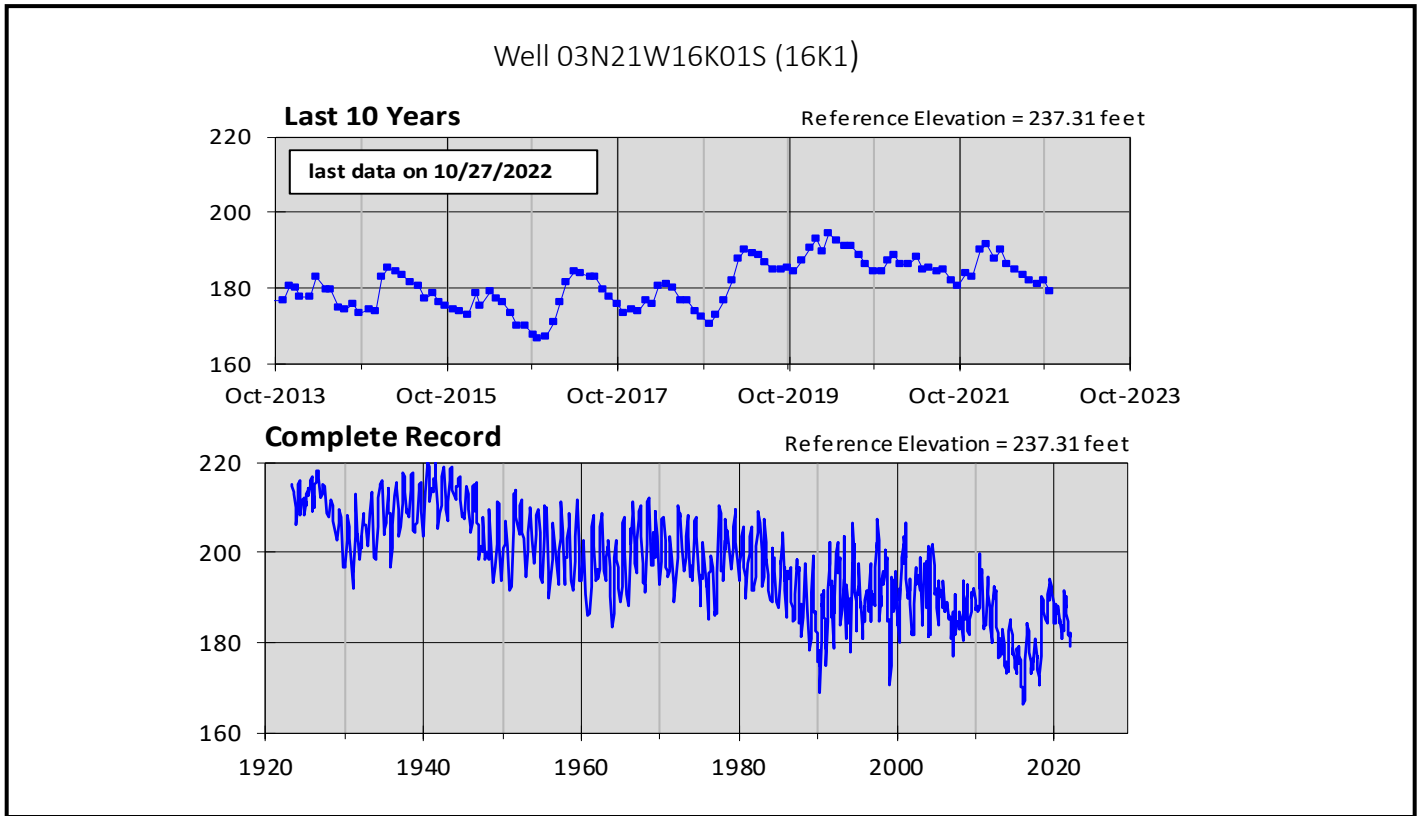
Well 04N19W25M01S (25M1)



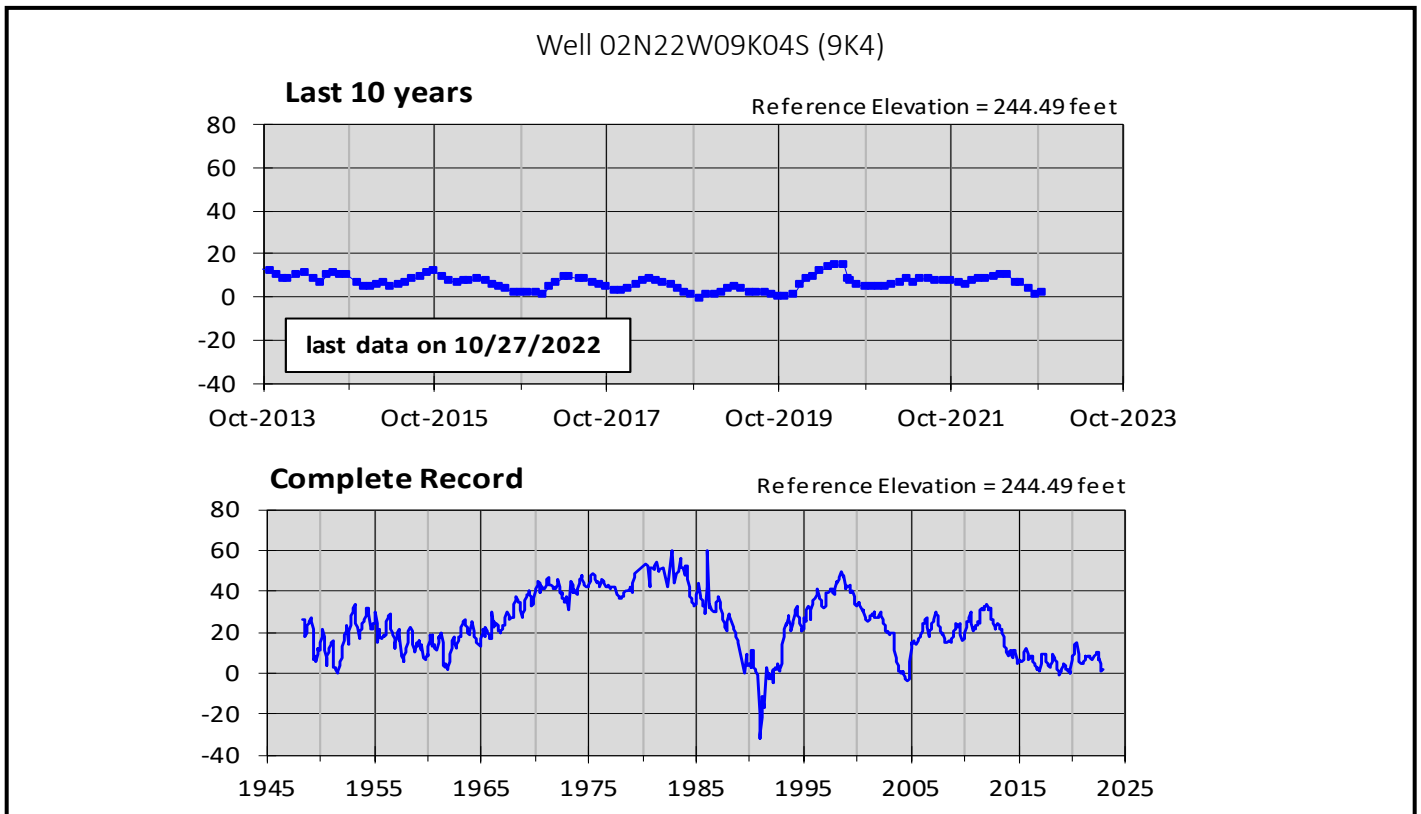
Groundwater Elevation Records – Fillmore Basin



Groundwater Elevation Records – Santa Paula Basin



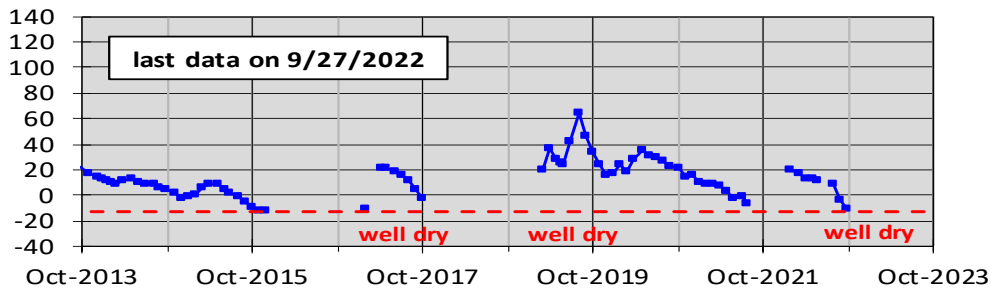
Groundwater Elevation Records – Mound Basin



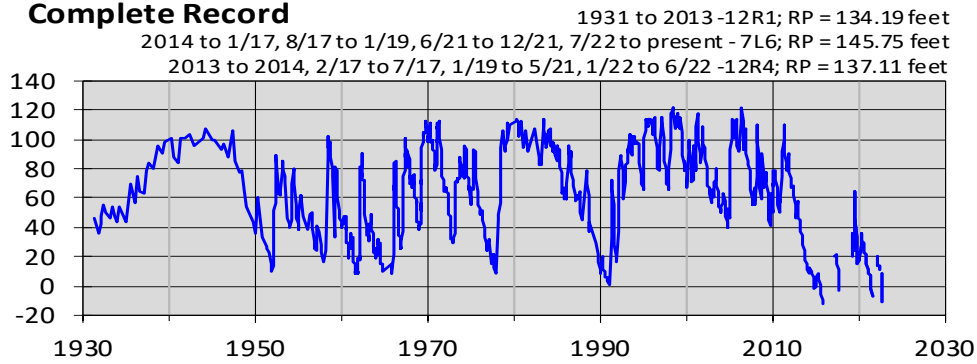
Groundwater Elevation Records – Oxnard Basin, Forebay

Wells 02N22W12R04S (12R4) and 02N21W07L06S (7L6)

Last 10 Years



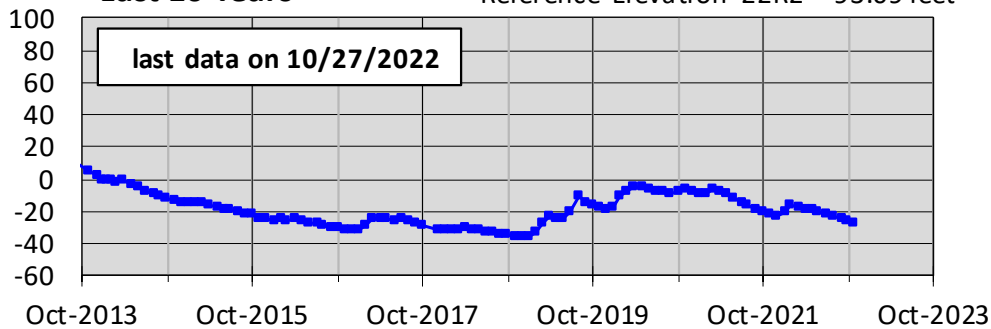
Complete Record



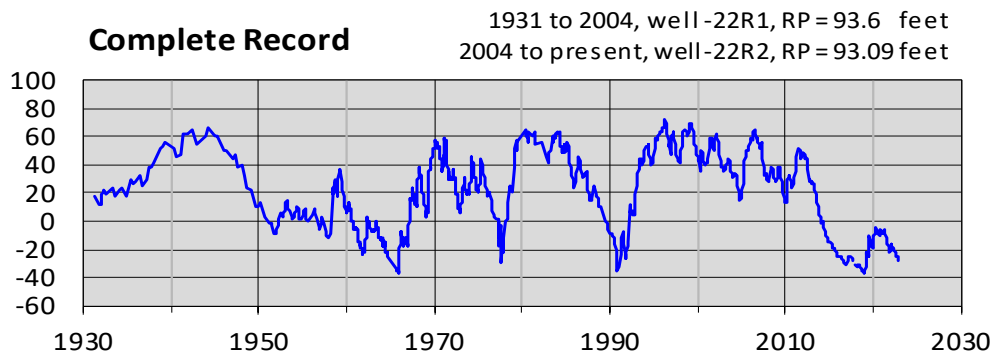
Well 02N22W22R02S (22R2)

Last 10 Years

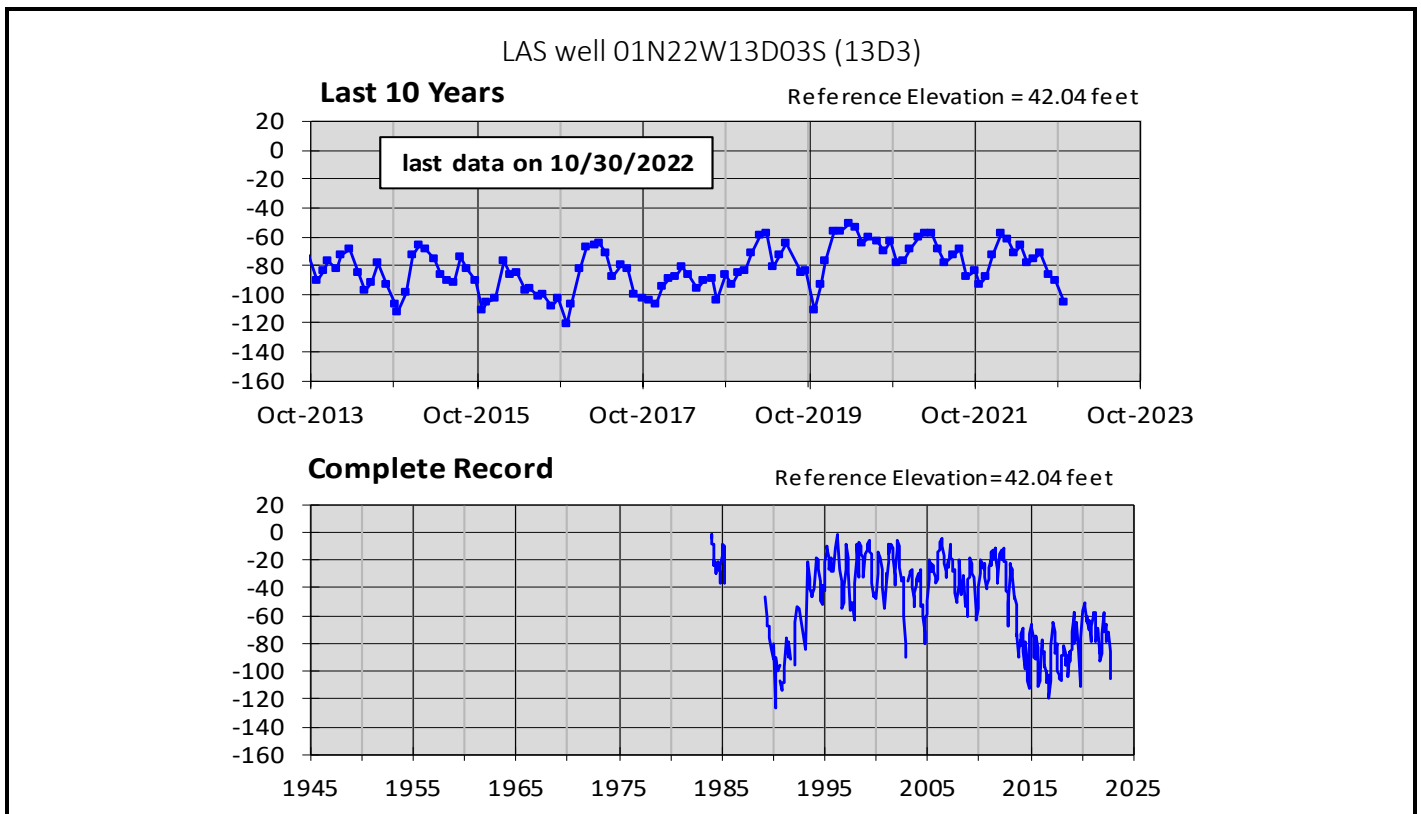
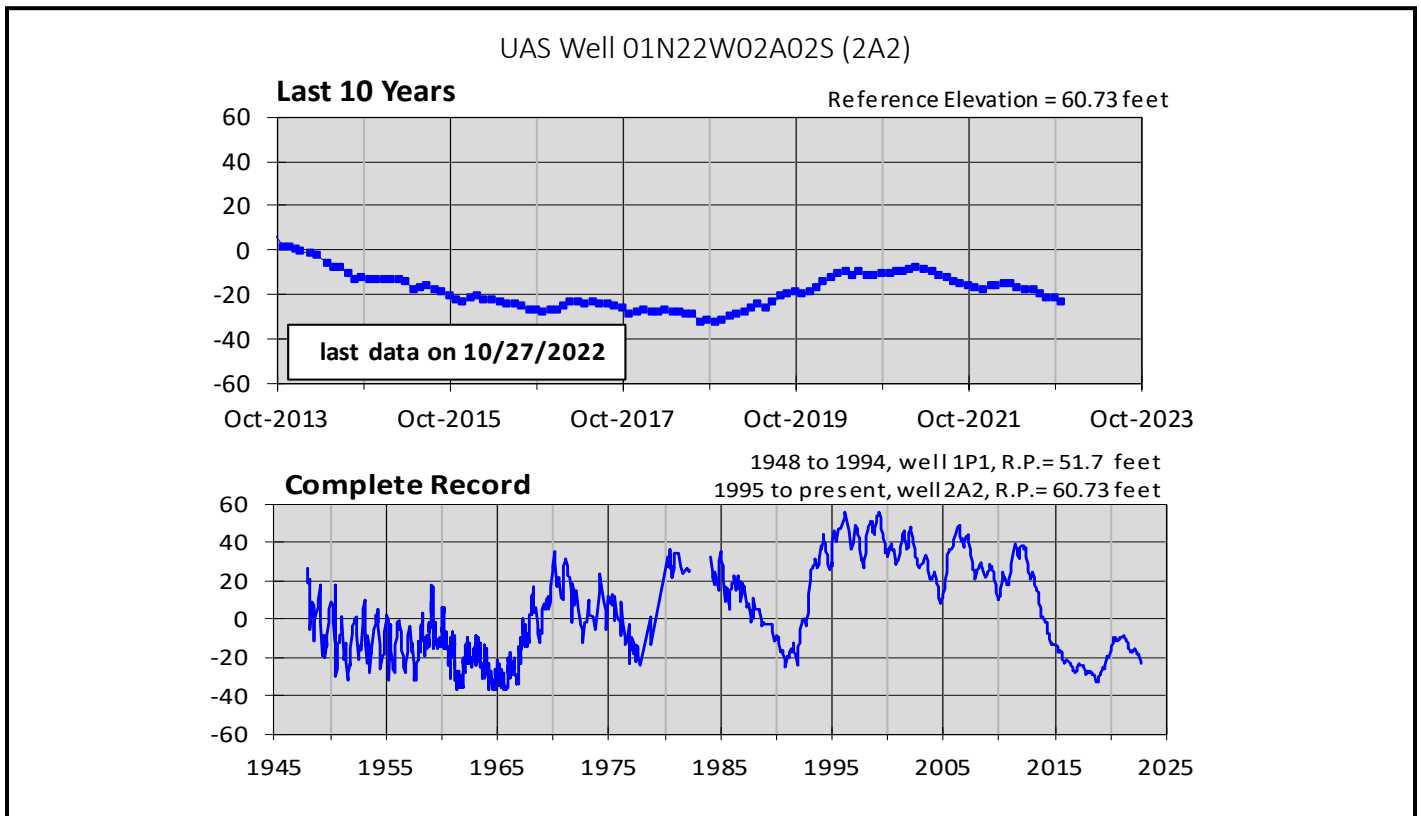
Reference Elevation -22R2 = 93.09 feet



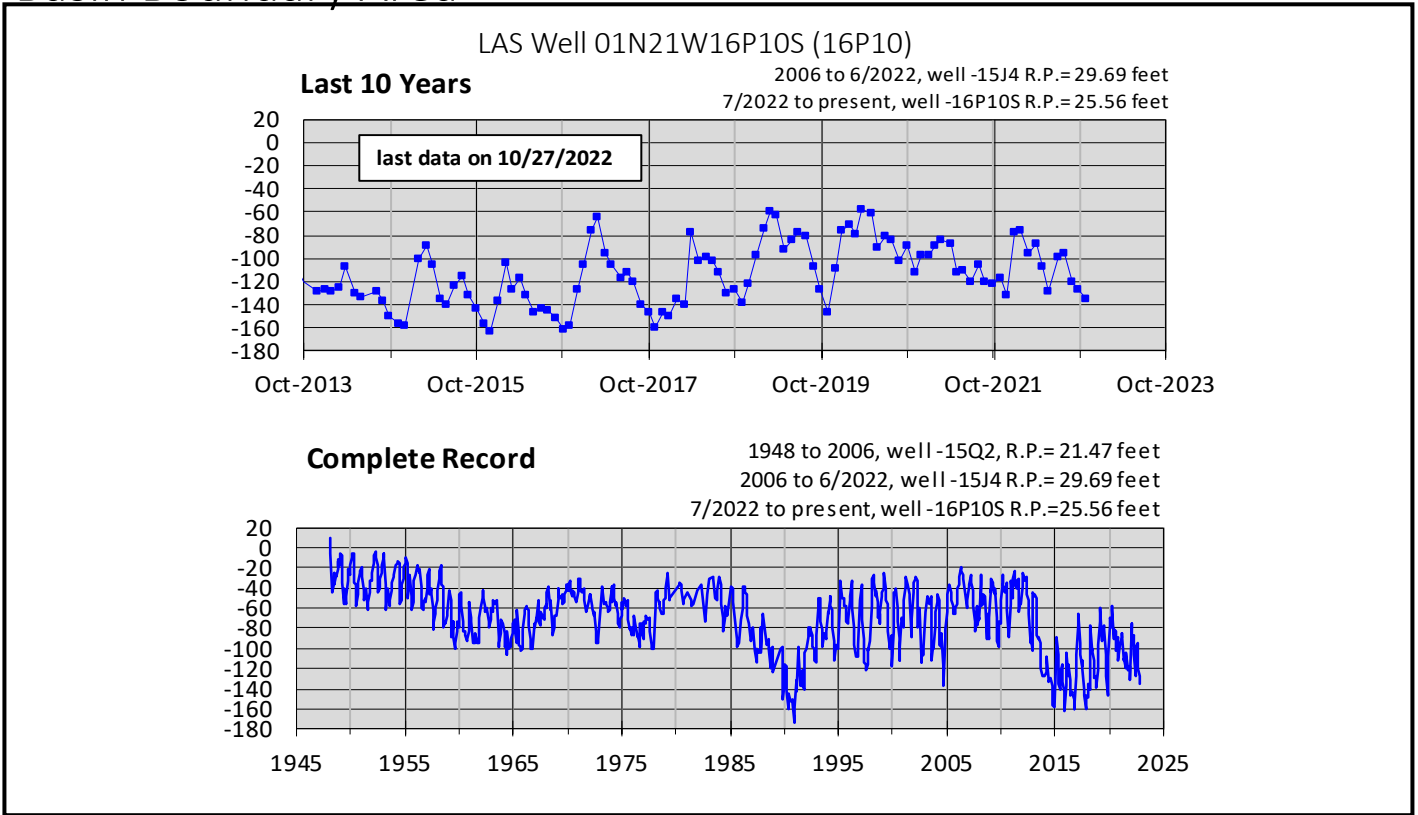
Complete Record



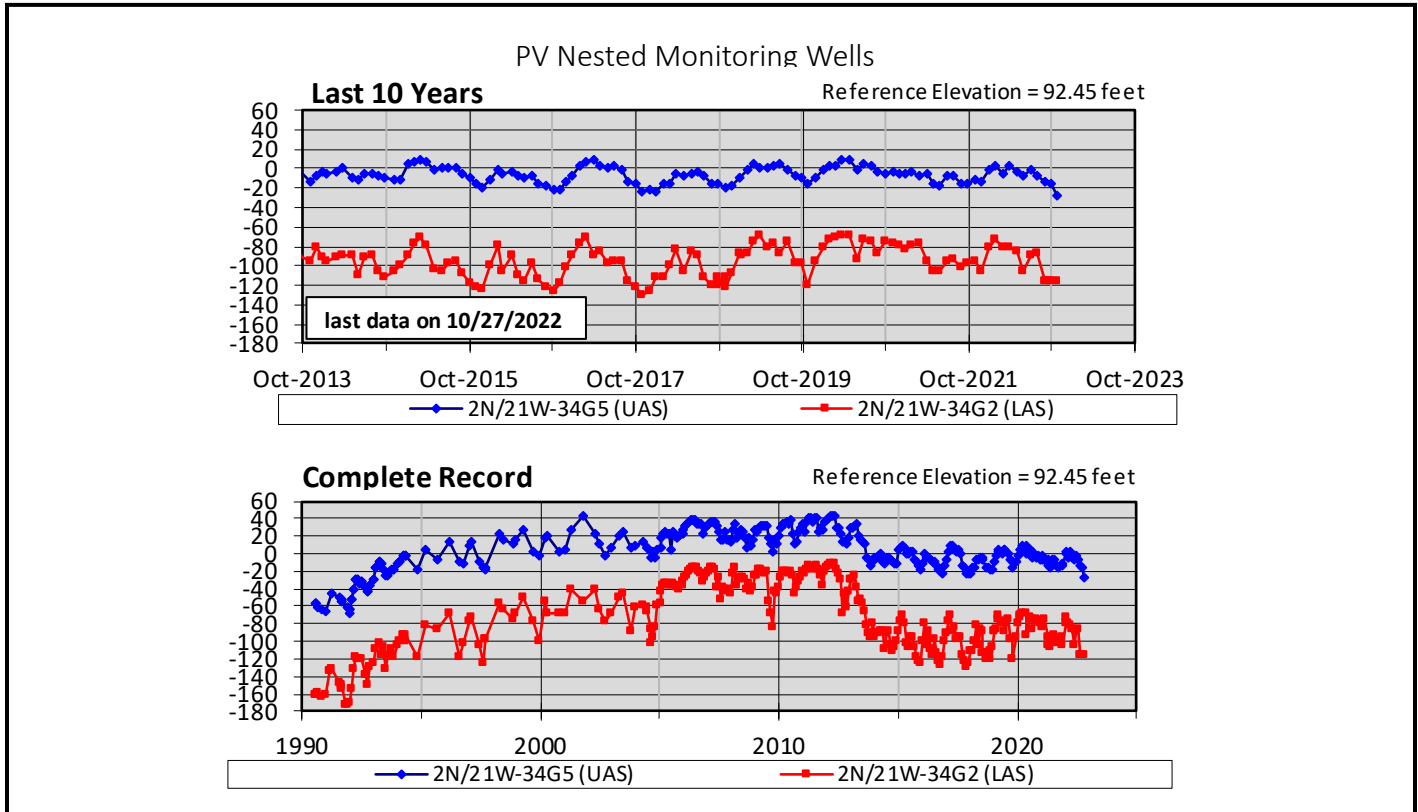
Groundwater Elevation Records – Oxnard Basin



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

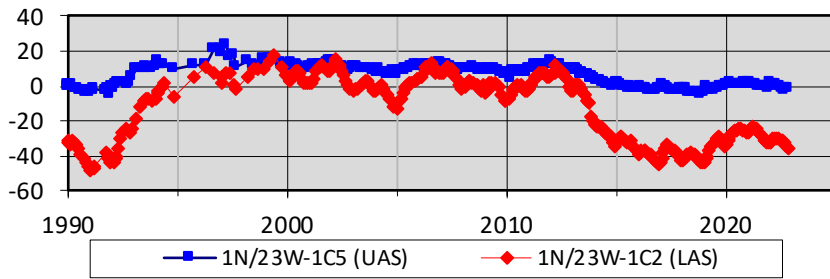


Groundwater Elevation Records – Pleasant Valley Basin

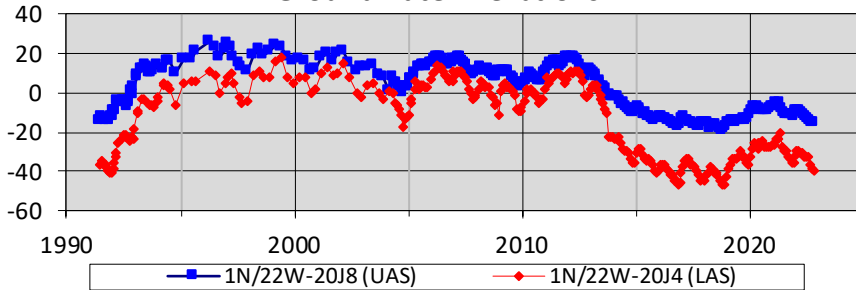


Groundwater Elevation Records – Coastal Nested Monitoring Wells

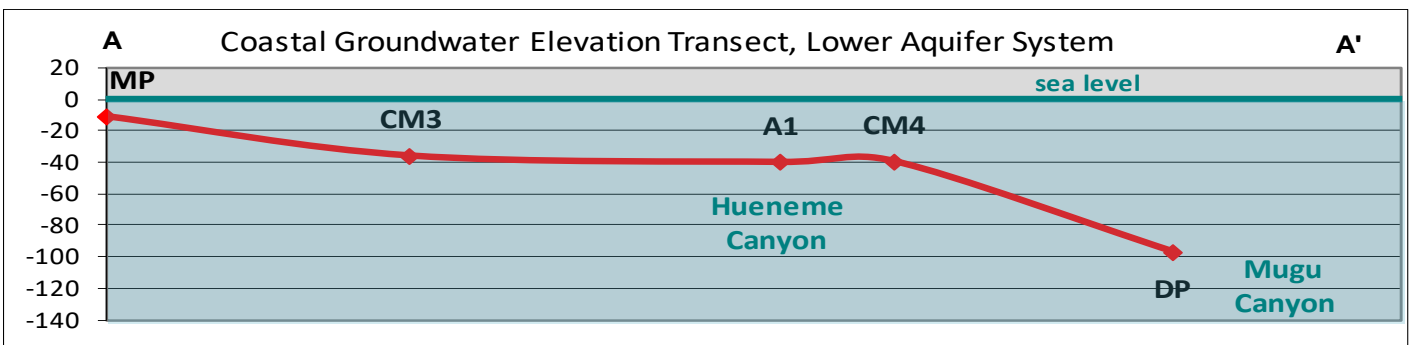
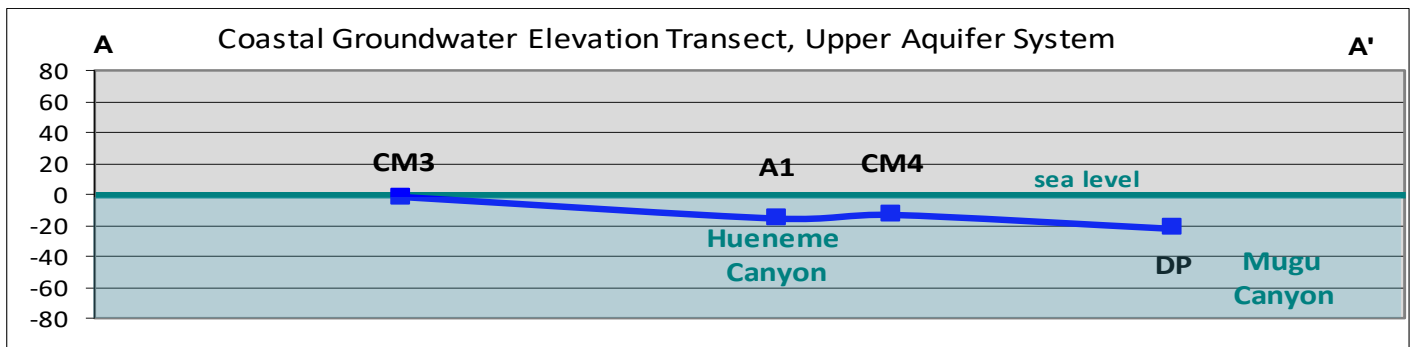
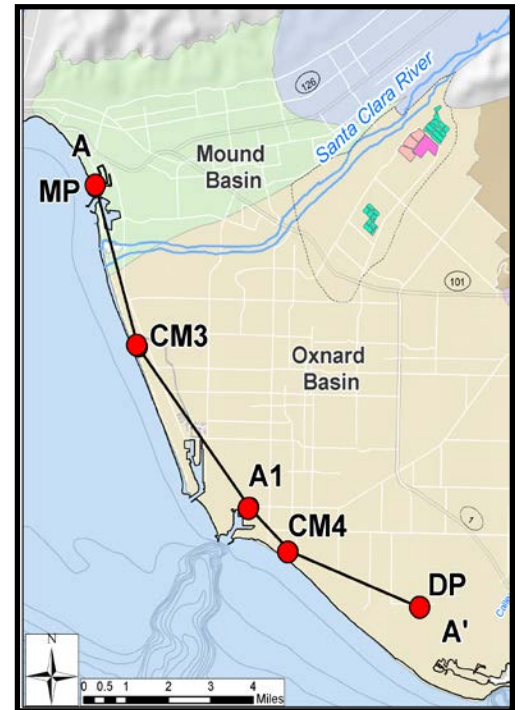
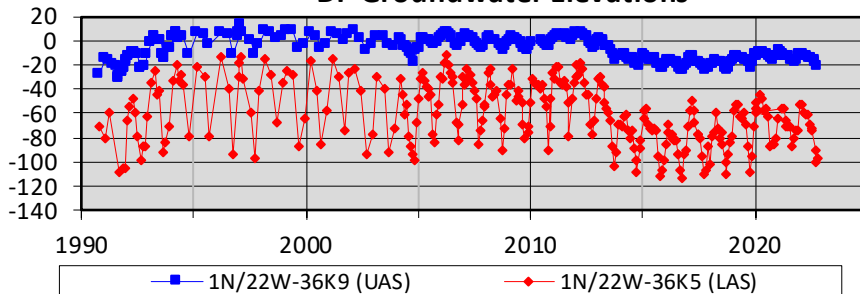
CM3 Groundwater Elevations



A1 Groundwater Elevations



DP Groundwater Elevations



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

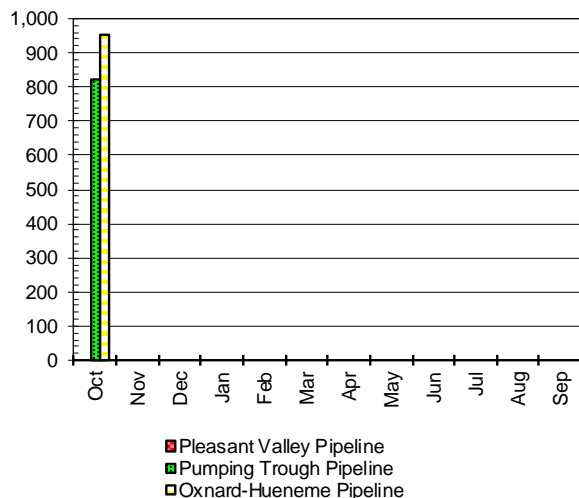
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
PV Pipeline (surface water)	0.0											
PV Pipeline (saticoy well field)	0.0											
Total to Pleasant Valley Pipeline	0.0											
Saticoy Well Field	0.0											
PTP (surface water)	0.0											
PTP (groundwater) *	823.4											
PTP (Saticoy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

*Includes OH-12/13: 116.5 AF in Oct.

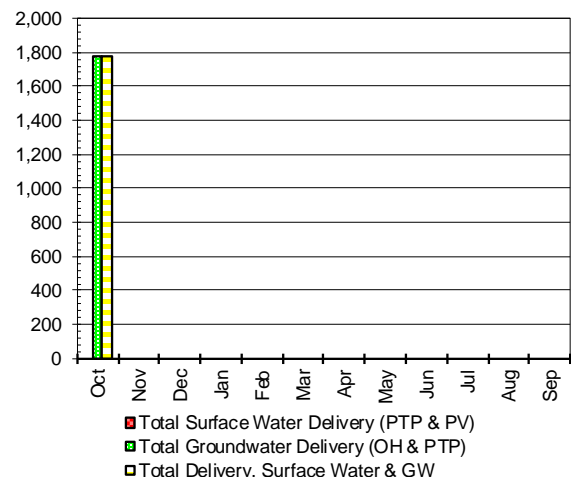
Cumulative Water Deliveries, acre-feet (Water Year 2022/23)

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

Cumulative deliveries by system



Cumulative deliveries by source/type

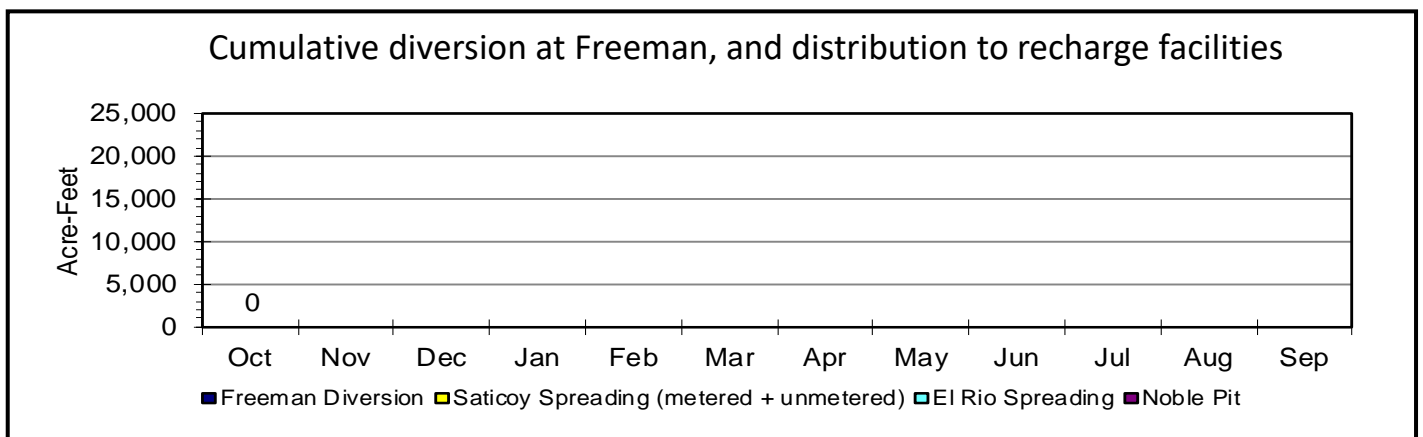


Monthly diversion and recharge totals by facility, 2022/23, in acre-feet

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						
Dec						
Jan						
Feb						
Mar						
Apr						
May						
Jun						
Jul						
Aug						
Sep						

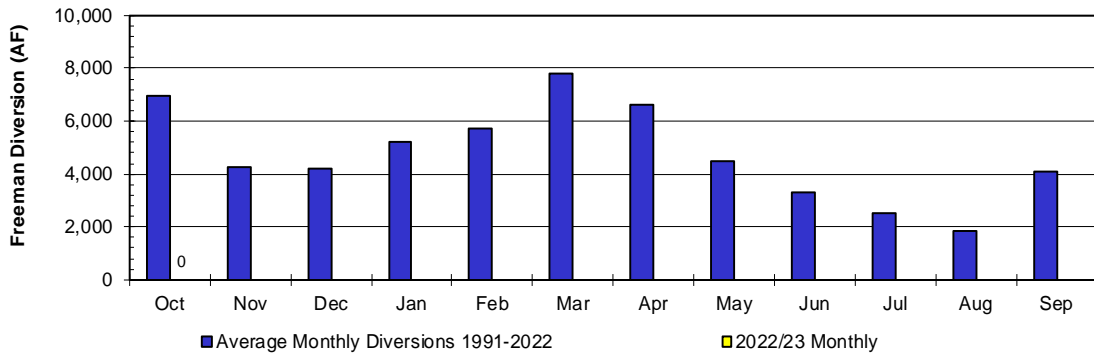
Cumulative diversion and recharge totals by facility, 2022/23, in acre-feet

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						
Dec						
Jan						
Feb						
Mar						
Apr						
May						
Jun						
Jul						
Aug						
Sep						

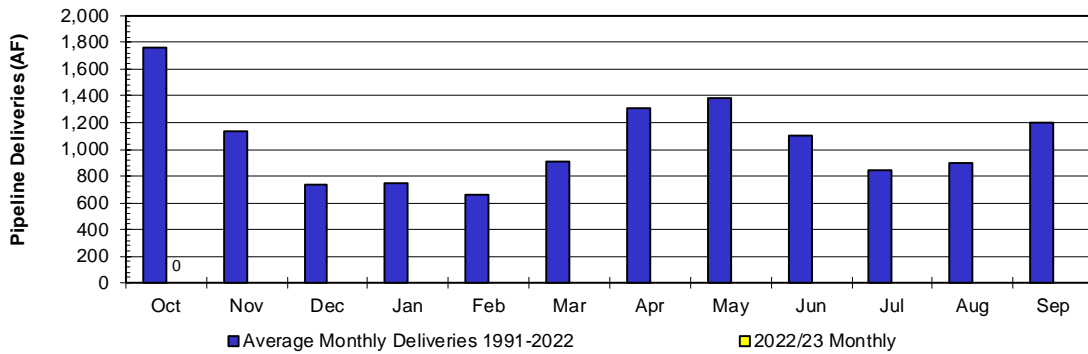


Cumulative diversions to Piru Spreading Grounds, 2022/23 = 0 AF

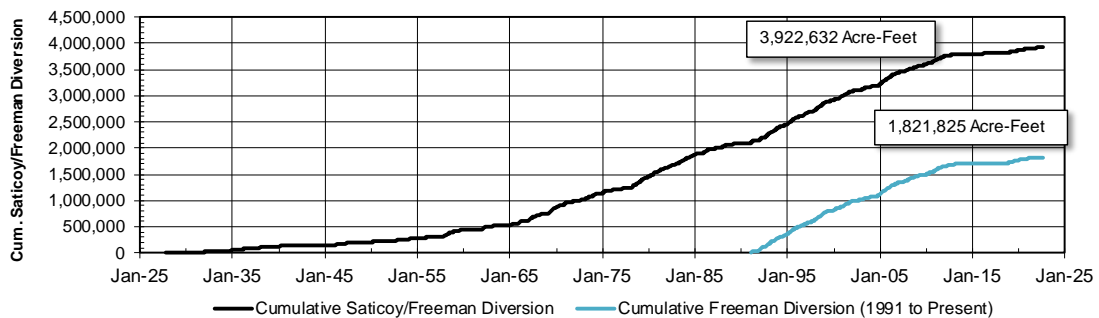
Monthly 2022/23 diversion at Freeman, compared to average monthly diversions (1991-2021)



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

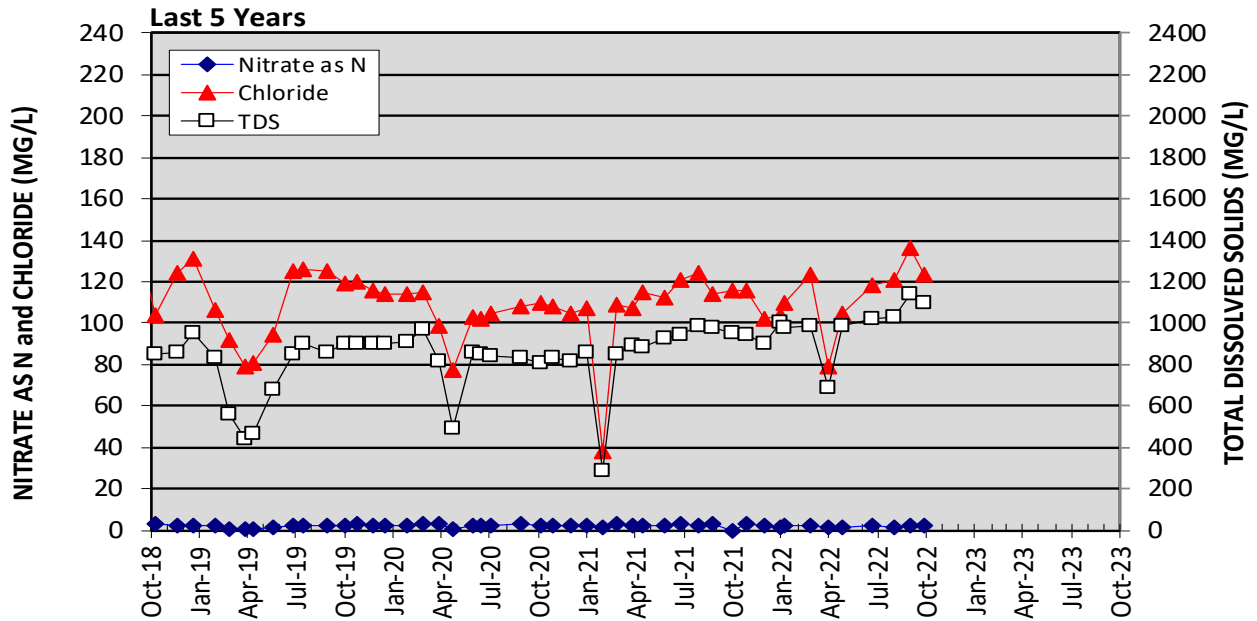


Cumulative diversion at Saticoy and Freeman Diversion, in acre-feet

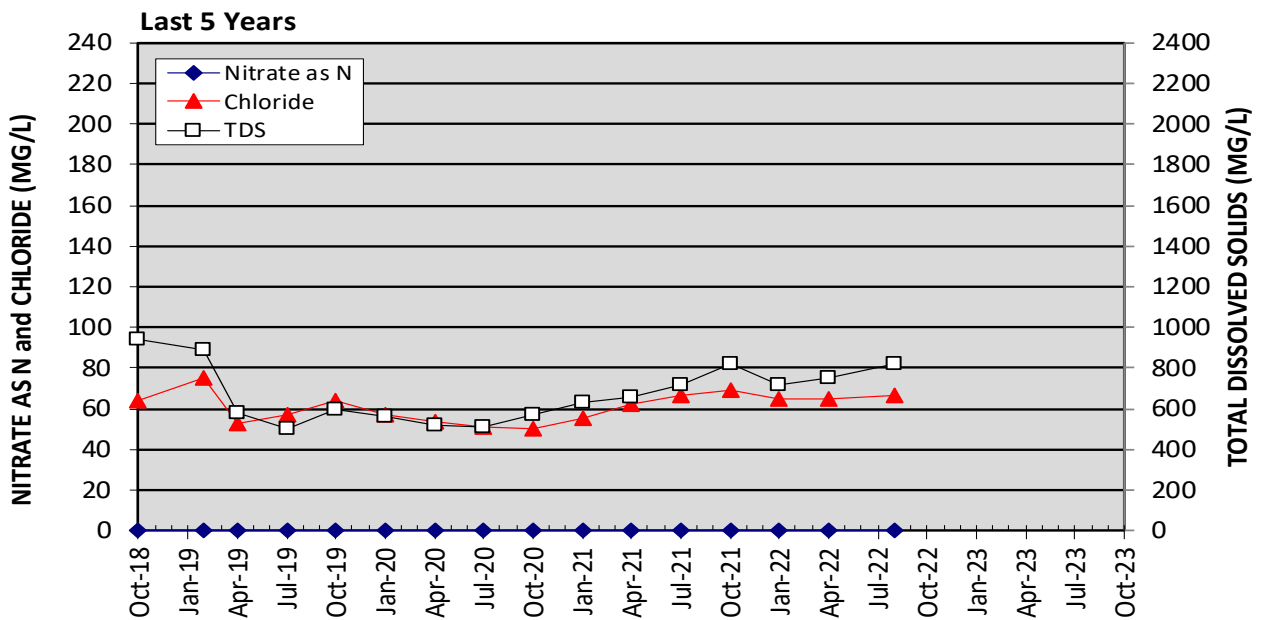


Water Quality

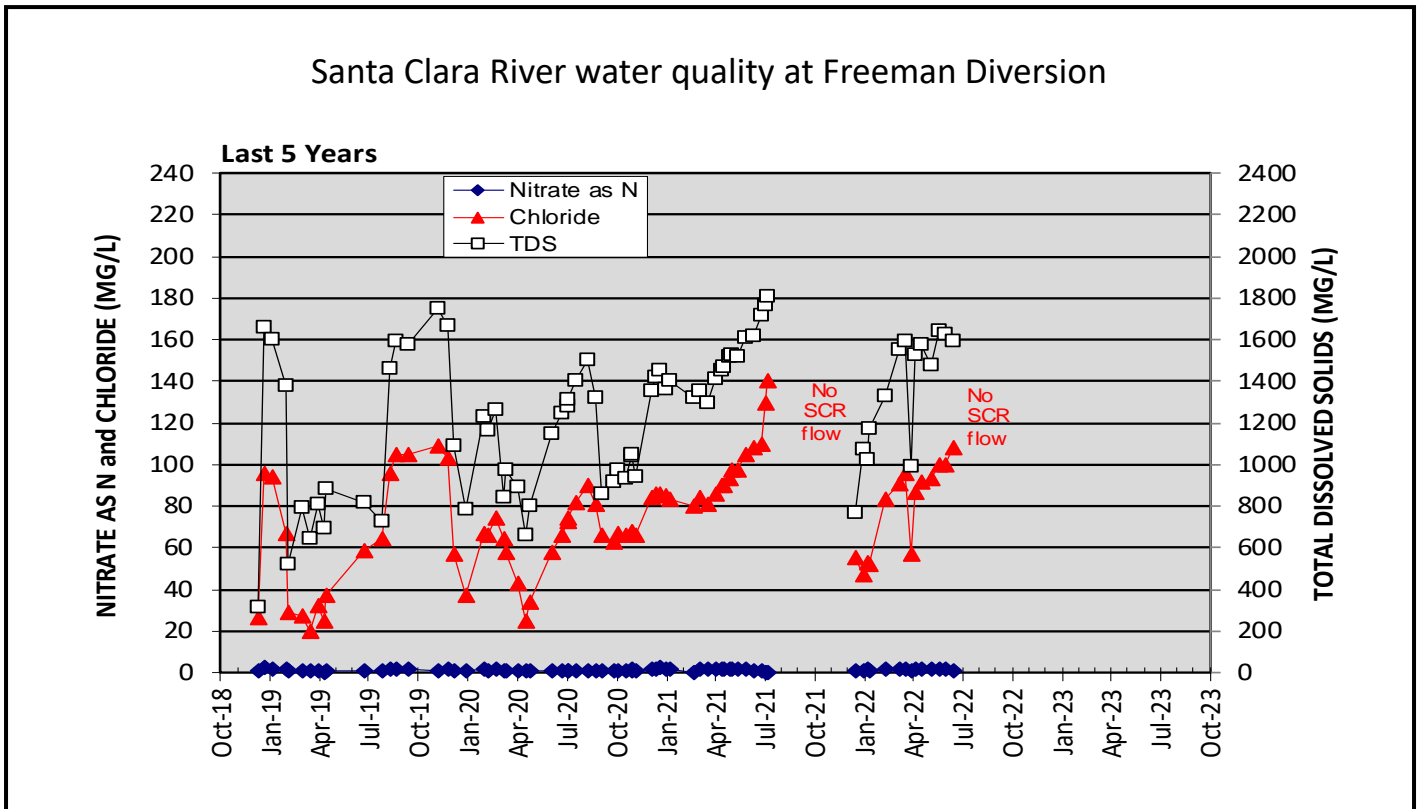
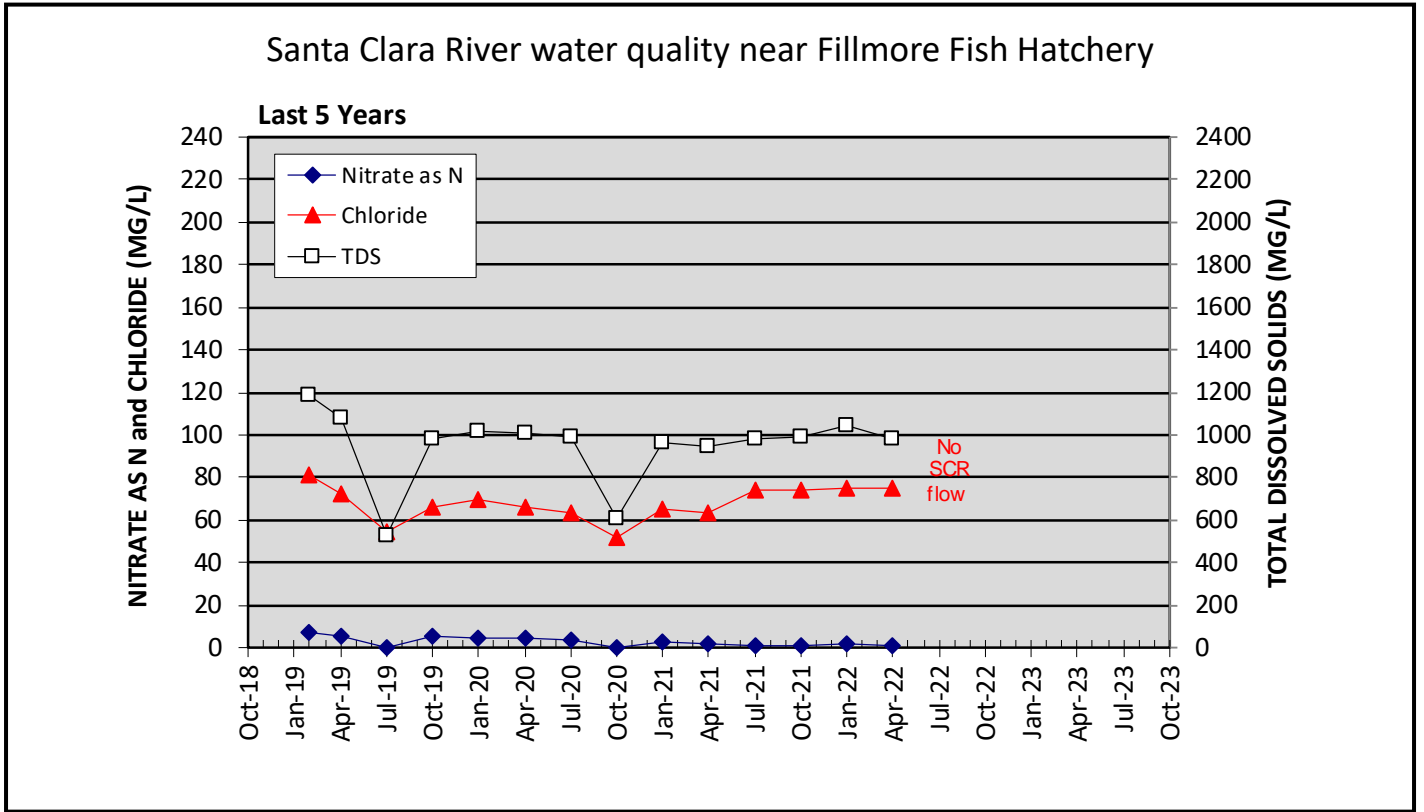
Santa Clara River water quality near Los Angeles/Ventura County line



Piru Creek water quality below Santa Felicia Dam



Water Quality



Water Quality

