

# YCFC&WCD BOARD OF DIRECTORS

July 11, 2023



YOLO COUNTY  
FLOOD CONTROL &  
WATER CONSERVATION  
DISTRICT

# Agenda Item #1

Adoption of the  
June 6, 2023 Regular Board  
Meeting Minutes

# Agenda Item #2

## Open Forum

Guest introductions, unscheduled appearances and opportunity for public comment on non-agenda items

## Agenda Item #3

### Adding Items to the Posted Agenda

## Agenda Item #4

January 2023 Storm Events  
Emergency Canal Repairs



Pleasant's Prairie Canal



Cache Creek North Side





# Cache Creek North Side



West Adams Canal

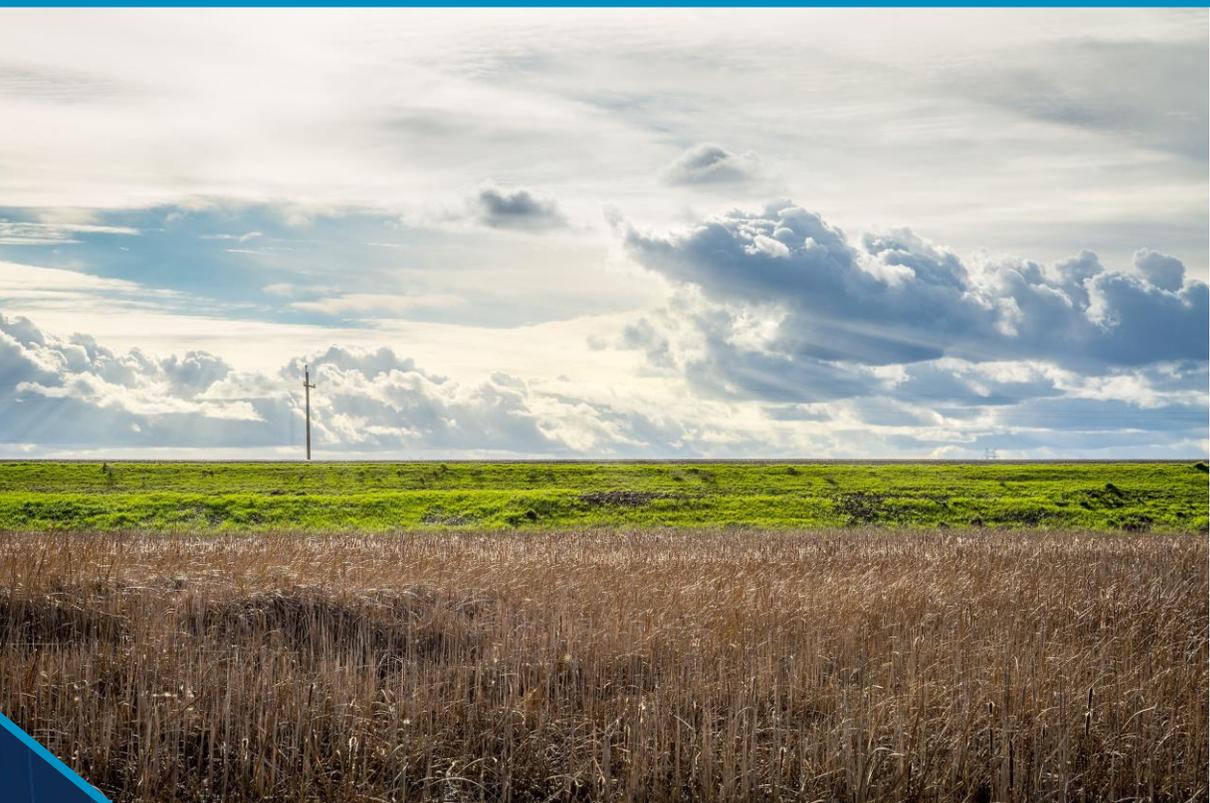


Cache Creek North Side

# Agenda Item #5

## Climate Action and Adaptation Planning in Yolo County





# Climate Action & Adaptation Plan

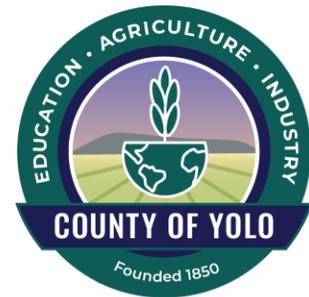
COUNTY OF YOLO

PRESENTED BY KRISTEN WRAITHWALL

YOLO COUNTY SUSTAINABILITY DEPARTMENT

JULY 11, 2023

# How We Got Here



## **CLIMATE ACTION & ADAPTATION PLAN**

# Brief History of Climate Action in Yolo County

- **2008:** First county-wide inventory of greenhouse gas emissions + action plan for reducing emissions
- **2009:** Yolo County creates the 2030 General Plan
  - Includes 350 climate-related recommendations
- **2011:** First Yolo Climate Action Plan (CAP) created using 2008 greenhouse gas data
- **2018:** Yolo County develops Hazard Mitigation Plan, which is submitted to the Federal Emergency Management Agency (FEMA). This plan addresses threats from climate hazards and identifies potential strategies to reduce impacts.

## STRATEGIES AND MEASURES



**Agriculture**



**Transportation and Land Use**



**Building Energy**



**Solid Waste and Wastewater**



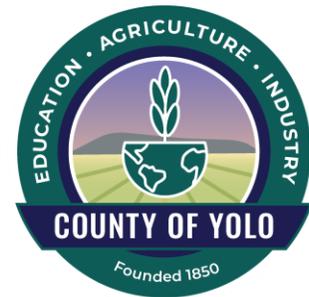
**Adaptation**

# Brief History of Climate Action in Yolo County

- **2020:** Yolo County adopts a resolution to declare a climate emergency (Resolution No. 20-114)
  - Forms Yolo County Climate Action Commission (YCCAC), declares goal of reaching ***net-negative emissions by 2030, with a focus on equity and justice.***
- **Fall 2021:** YCCAC begins meeting.
- **2022-23:** Yolo County Local Hazard Mitigation Plan is being updated.
- **Jan 2023:** Launch update of 2023 CAAP development process.



# What is the 2030 Climate Action and Adaptation Plan (CAAP)?



**CLIMATE ACTION  
& ADAPTATION PLAN**



# Yolo Climate Action & Adaptation Plan (CAAP): Definition & Goal

- The CAAP is a **guidance and policy document** for how Yolo County will reach greenhouse gas (GHG) emission reduction goals by 2030 and adapt to a changing climate.
- Evaluates the **impact of climate change on vulnerable populations**, sectors of the economy, and other critical infrastructure/assets within the community.
- A primary goal of the CAAP is to **make communities more resilient** in the face of drought, flooding, higher temperatures, wildfires, and other climate impacts



# Yolo Climate Action & Adaptation Plan (CAAP): Definition & Goal

- Uses **participatory processes** to ensure the needs and voices of all community members are included.
  - Focus on **equity, health,** and **resilience.**
- Guided by public input, the CAAP will recommend how the County can **lower emissions,** use **more renewable energy,** protect natural resources, and **promote sustainable agricultural practices.**



# WHAT IS YOLO COUNTY'S CLIMATE ACTION & ADAPTATION PLAN (CAAP)?

In 2020, the Yolo County Board of Supervisors set the goal of meeting a carbon-negative footprint by 2030 with a focus on equity and justice. The Climate Action and Adaptation Plan (CAAP) is a roadmap that outlines the actions that Yolo County will take to meet these greenhouse gas (GHG) emissions reduction goals and help our community be more resilient to climate impacts such as higher temperatures, more frequent wildfires and floods, and drought.

Driven by public input, the CAAP will include recommendations for how we can lower emissions, protect our natural resources, use more renewable energy, support the sustainable agricultural practices that are already thriving here in Yolo County, and more. The CAAP is designed to benefit all community members and to promote health, equity, and resilience in all processes and outcomes.

## WHAT IS A CARBON-NEGATIVE FOOTPRINT?

This means that Yolo County will remove more carbon from the atmosphere than we produce. We will do this by reducing our emissions, while also supporting practices that increase the amount of carbon stored in our soils.

## WHAT IS A JUST TRANSITION?

Meeting our climate goals will require some big changes or "transitions" in our energy use, transportation system, and more. Yolo County wants to make sure that this transition is equitable and "just", and that vulnerable communities and those most impacted by climate change are not only protected, but also play a central role in the decision-making process. Ensuring a Just Transition is a key focus point for the CAAP.

## QUESTIONS OR WANT TO LEARN MORE?

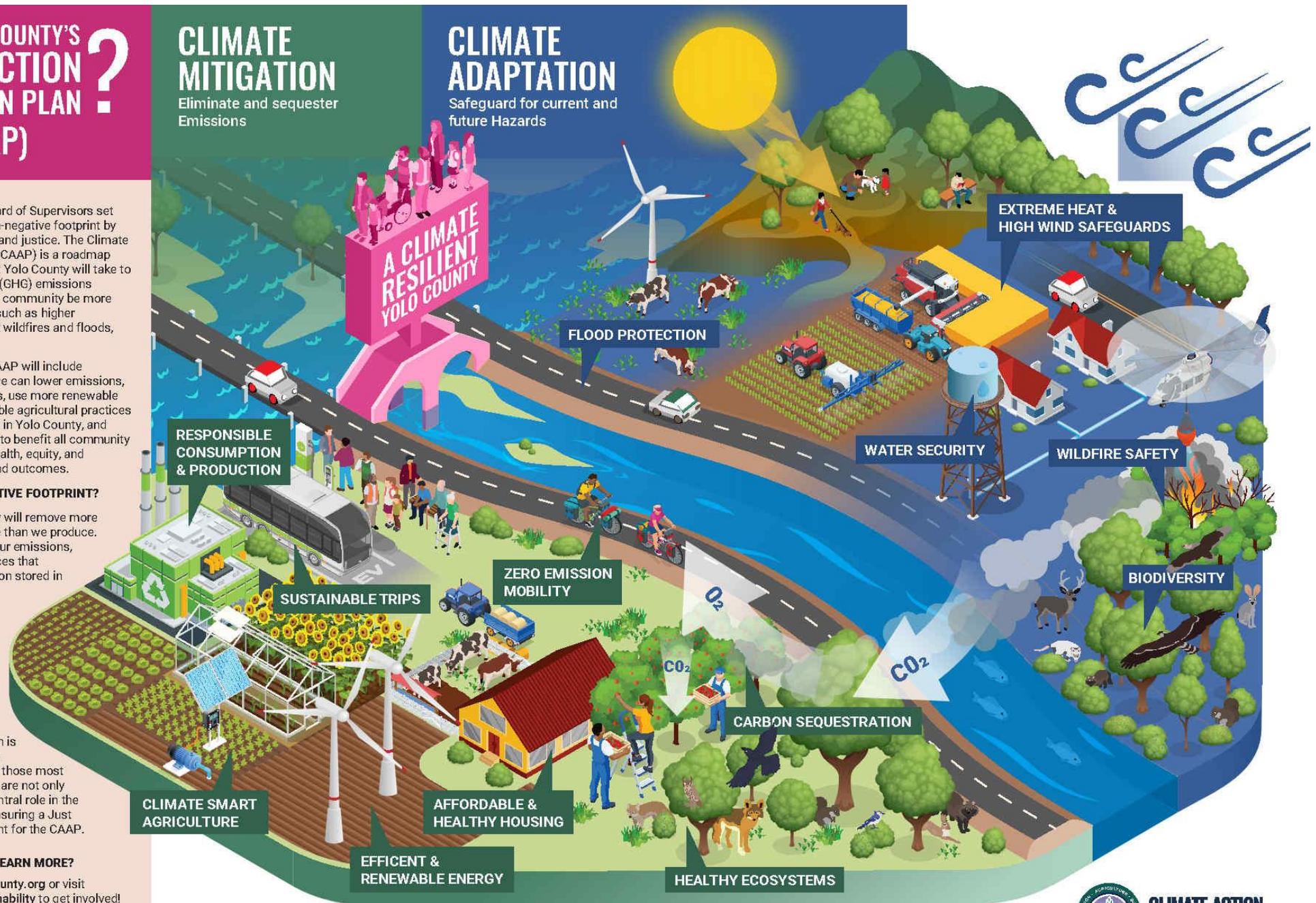
Email [Sustainability@yolocounty.org](mailto:Sustainability@yolocounty.org) or visit [www.yolocounty.org/sustainability](http://www.yolocounty.org/sustainability) to get involved!

## CLIMATE MITIGATION

Eliminate and sequester Emissions

## CLIMATE ADAPTATION

Safeguard for current and future Hazards



**CLIMATE ACTION & ADAPTATION PLAN**

# THE HMP - CLIMATE ADAPTATION NEXUS



## Hazard Mitigation Planning

### Conditions of concern:

Non-climate hazards, i.e. earthquakes

Man-made/ technological hazards, i.e. oil spill

## Climate Adaptation Planning

### Conditions of concern:

Incremental or slow-onset climatic changes, i.e. seasonal shifts

### Response type:

Spontaneous or unplanned adjustments

### Conditions of concern:

Climate-related natural hazards, i.e. wildfires

### Goal:

Long-term risk reduction

### Response type:

Planned policies, projects, programs

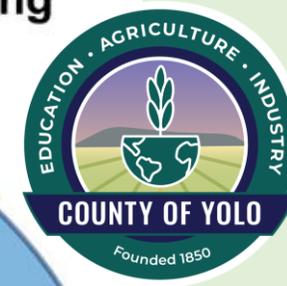


Figure credit: ICLEI

# Connection to YCFCWCD Work

- The County's 2023 Local Hazard Mitigation Plan Draft lists **drought as the #1 hazard risk**.
- Want to ensure we're developing a plan that **protects our surface and groundwater resources** and enables us to adapt to our changing climate.
- Want to ensure the **strategies and programs** that come out of the CAAP process meet the needs and priorities of YCFCWCD and reflect the great work you're already doing.
- Help with distribution of surveys:
  - [Working Lands Survey](#)
  - [General CAAP Strategies Survey](#)



# Questions?

**WANT TO STAY ENGAGED AND LEARN MORE?**



Scan for our  
Facebook!



Scan for our  
Instagram!



Scan for our  
Website!

**Kristen Wraithwall**

*Sustainability Manager*

Kristen.wraithwall@yolocounty.org



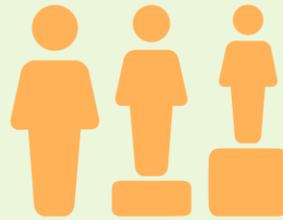
**CLIMATE ACTION  
& ADAPTATION PLAN**

# Advisory Committees Process



## **Climate Action Commission**

4<sup>th</sup> Monday from 4-6:30PM



## **Equity and Engagement Technical Advisory Committee**

3<sup>rd</sup> Wednesday from 4-6:30PM



## **Natural and Working Lands Technical Advisory Committee**

2<sup>nd</sup> Monday from 3-4:30PM

# Agenda Item #6

## Directors' Reports

### Report on Meetings and Conferences Attended During the Prior Month on Behalf of the District

- i. YSGA Board of Directors Meeting (6/19)
- ii. Western Yolo Ag Roundtable (6/22)
- iii. Infrastructure Committee Meeting (6/28)
- iv. Meeting with Aaron Fukuda (7/7)
- v. Yolo County BOS Meeting (7/11)
- vi. NCWA Board of Directors and Conservation Task Force Meetings

# Agenda Item #7

## Attorney's Reports

Report on Legal Matters of Concern to the District

# Agenda Item #8

## General Manager's Report

- **Water Conditions Report**
- **Financial Report Summary**
- **Capital Improvement Program**
- **General Activities – 2023 Irrigation Season Update**
- **YSGA Update**
- **Upcoming Events**

# Current Water Conditions (7-11-23)

	<u>Elevation</u>	<u>Available</u>	<u>2022</u>
Clear Lake			
• July 11	5.45'	75,112 AF	-0.80' (0 AF)
• June 11	6.59'	104,163 AF	
• Total Difference	-1.14'	29,051 AF	
Indian Valley Reservoir			
• July 11	1,452.35'	183,300 AF	1,393.06' (48,980 AF)
• June 11	1,457.35'	199,600 AF	
• Total Gain	0.45'	16,300 AF	

## Total Releases from ~760 cfs

- West Adams Canal ~212 cfs
- Winters Canal ~412 cfs
- Total Diversions at Capay Dam ~624 cfs

Facility	Precipitation (10/1/22 – 07/11/23)
Cache Creek Dam	35.74"
Indian Valley Reservoir	33.39"
Headquarters	25.21"

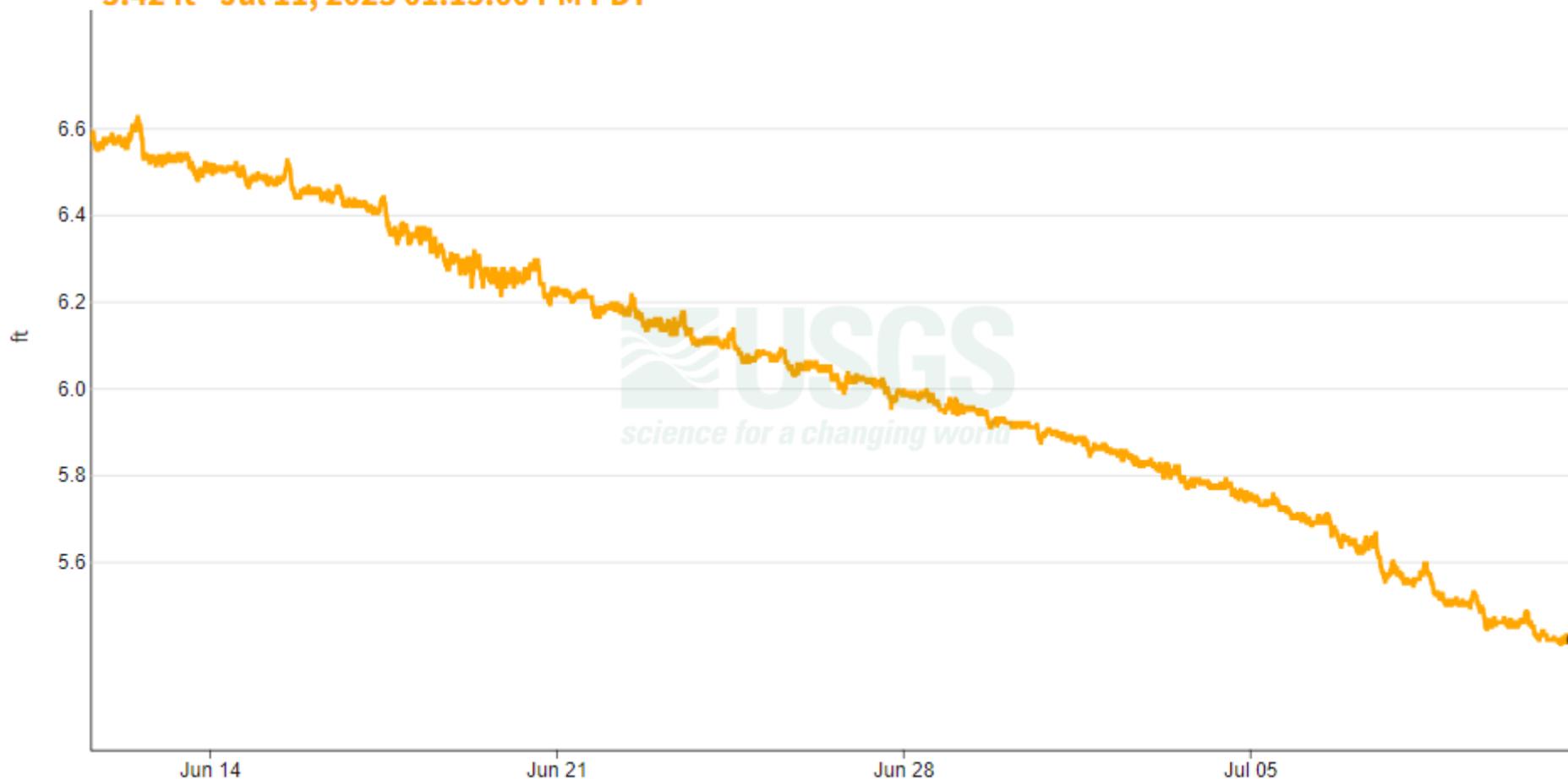
7 days  30 days  1 year

# Clear LK a Lakeport CA - 11450000

June 11, 2023 - July 11, 2023

Gage height, ft ⓘ

5.42 ft - Jul 11, 2023 01:15:00 PM PDT



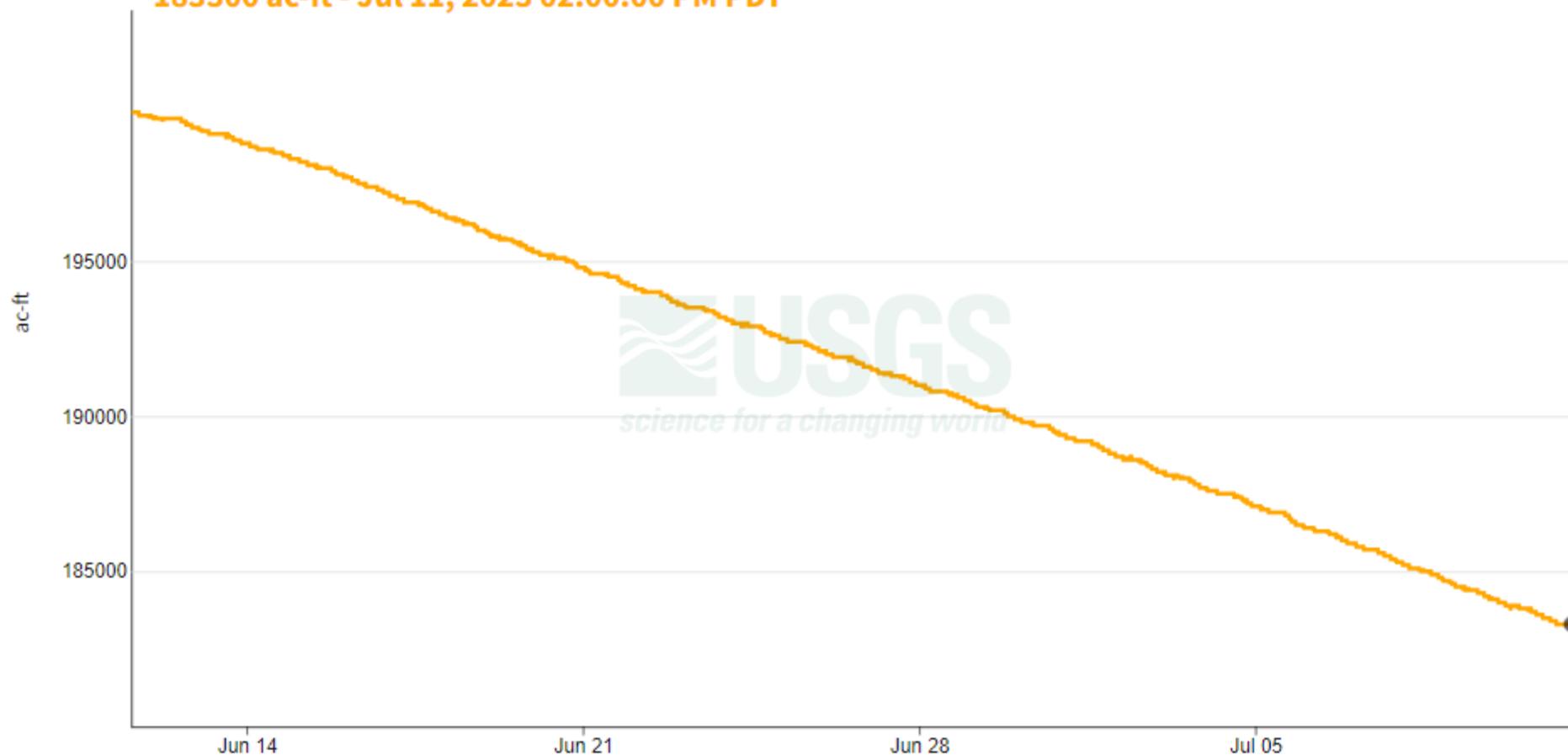
7 days  30 days  1 year

# Indian Valley Res a Clearlake Oaks CA - 11451290

June 11, 2023 - July 11, 2023

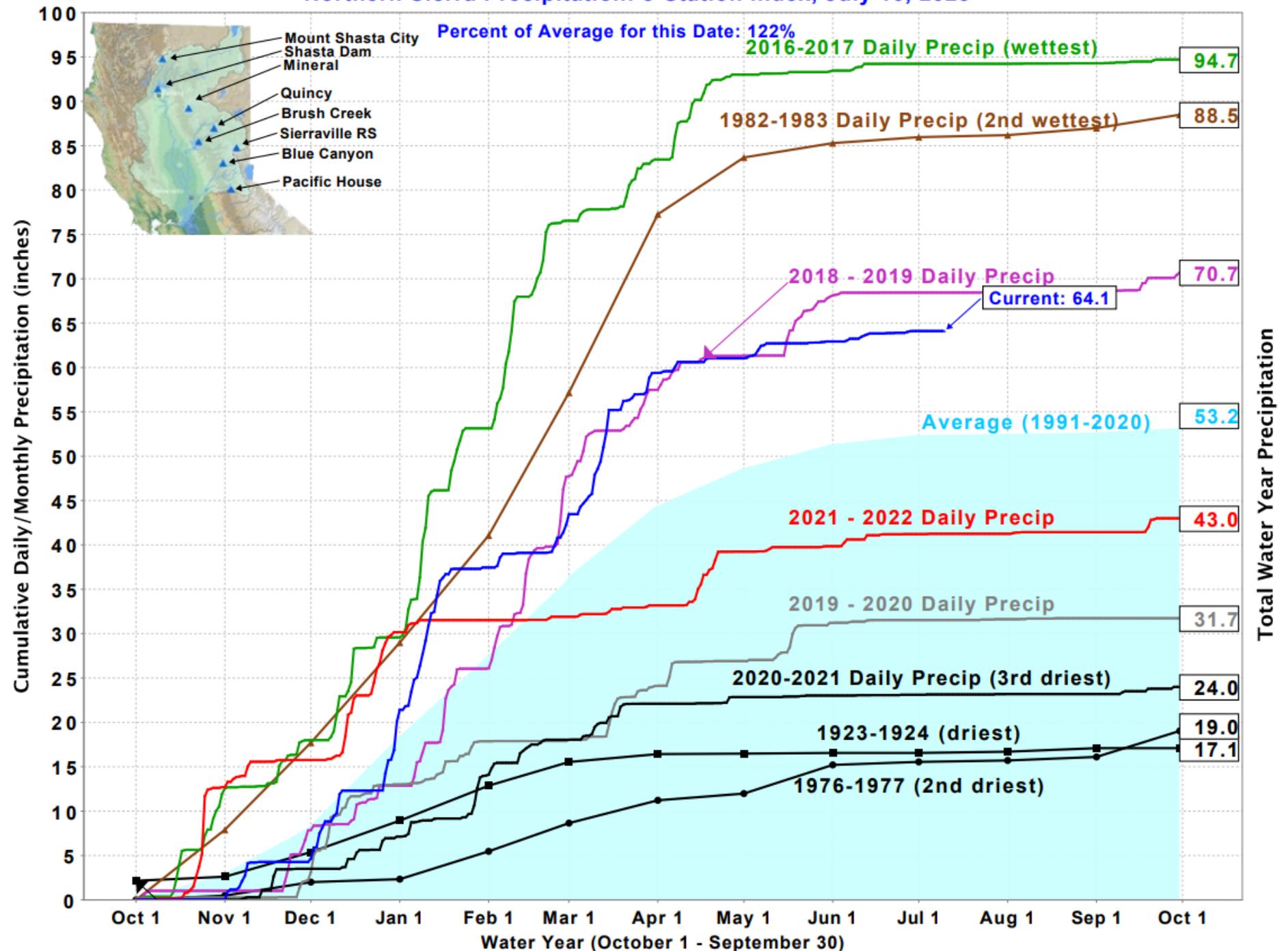
Reservoir storage, acre-ft 

183300 ac-ft - Jul 11, 2023 02:00:00 PM PDT



# Northern Sierra Precipitation: 8-Station Index, July 10, 2023

1 month  $\Delta \sim 1.0''$



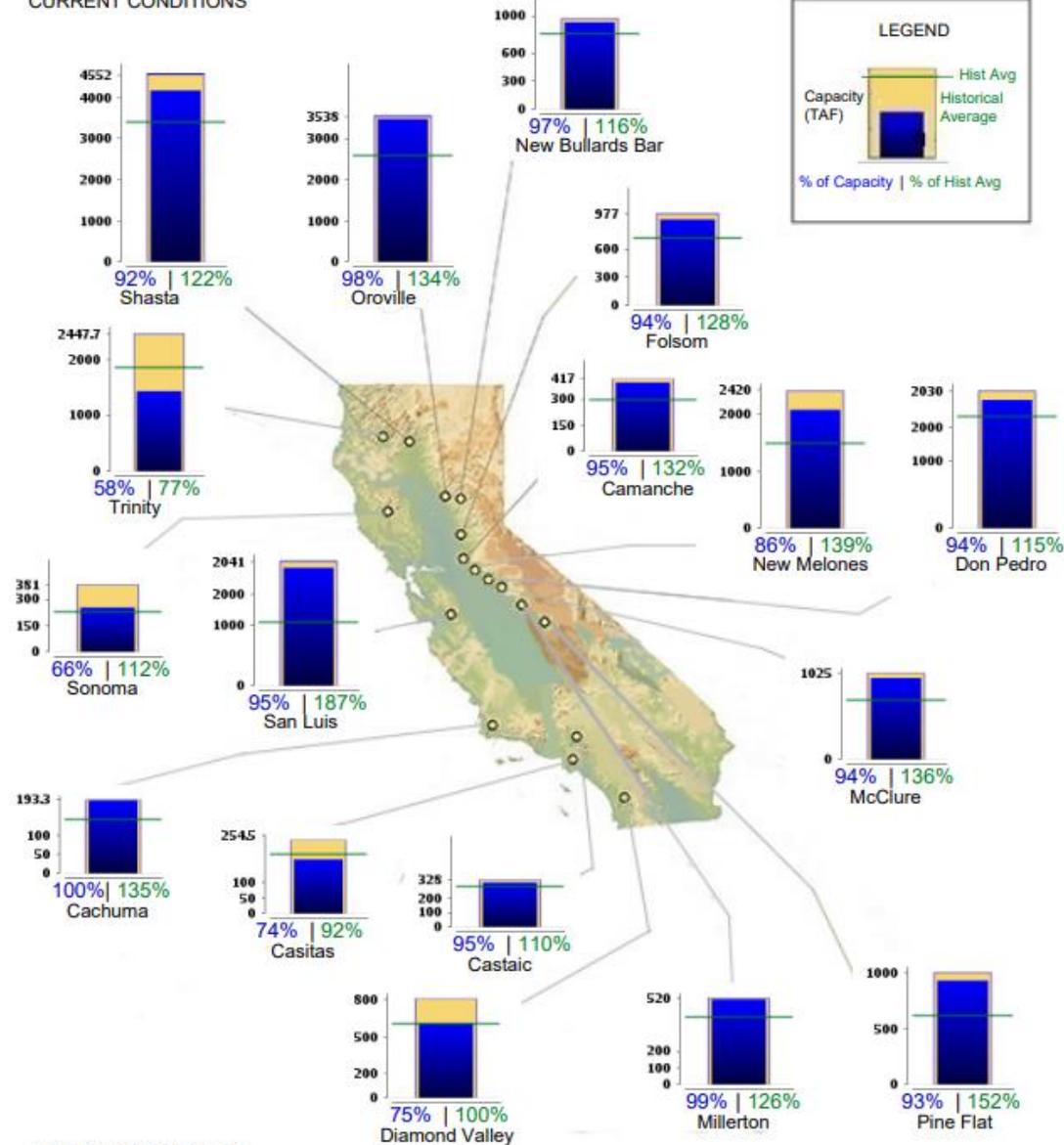


# CURRENT RESERVOIR CONDITIONS

## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

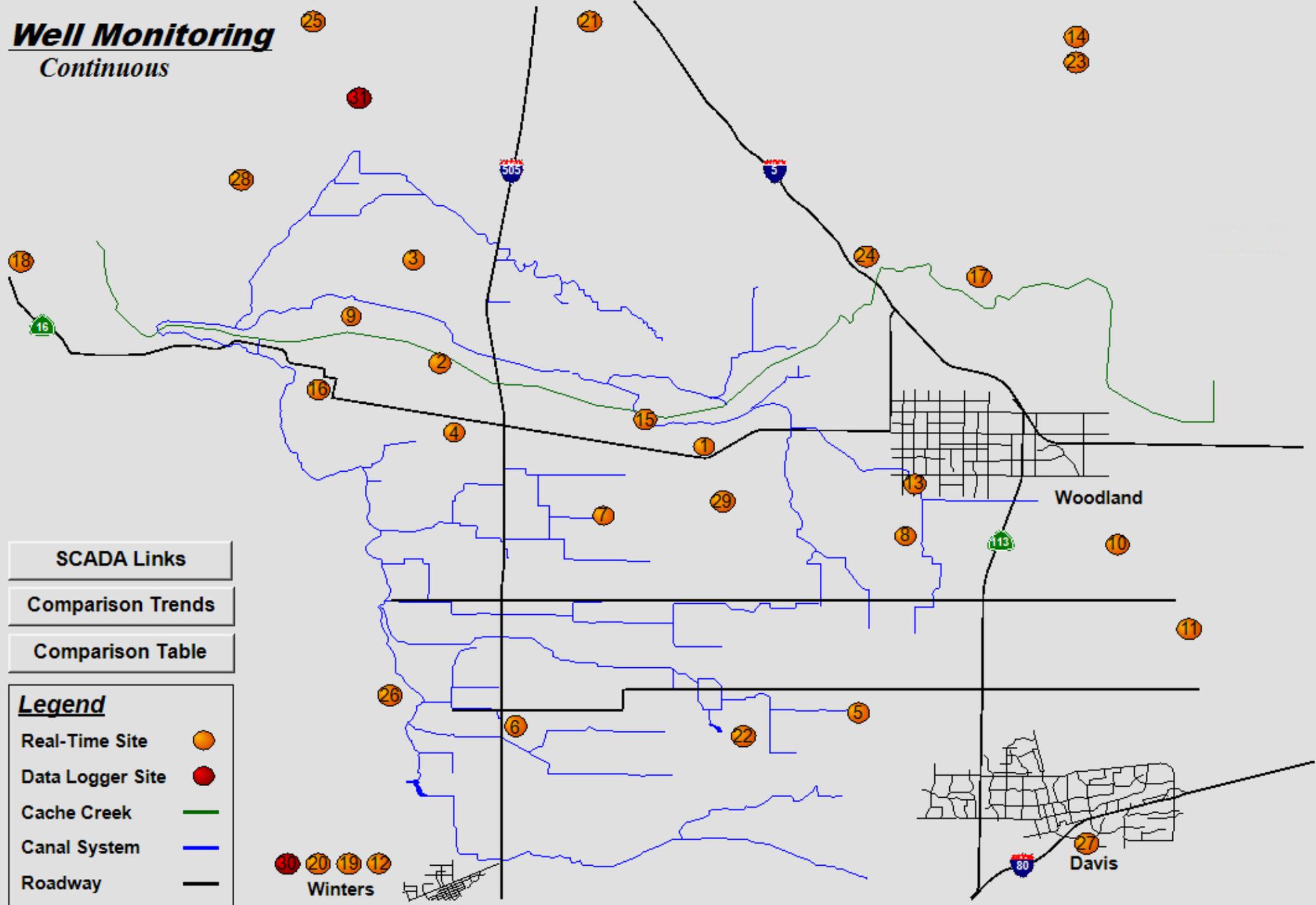
Midnight - July 9, 2023

CURRENT CONDITIONS



# Well Monitoring

Continuous



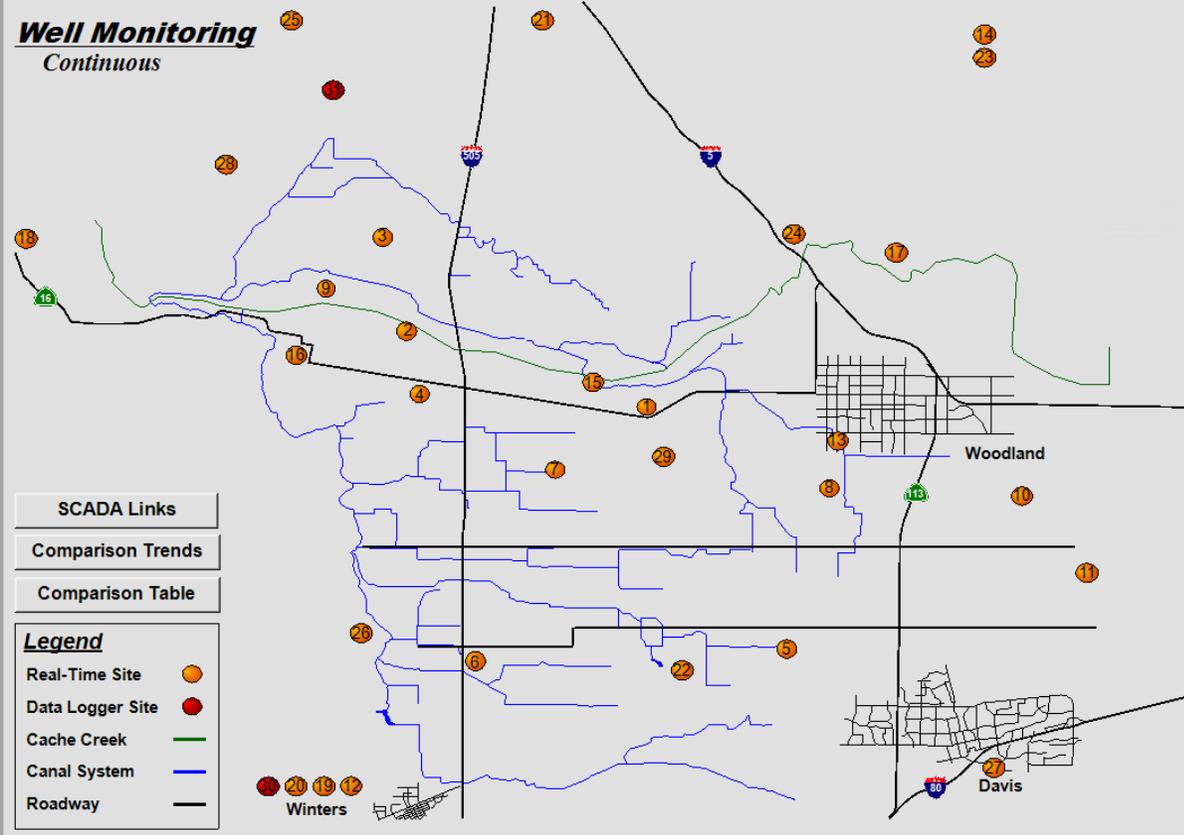
SCADA Links

Comparison Trends

Comparison Table

## Legend

- Real-Time Site 
- Data Logger Site 
- Cache Creek 
- Canal System 
- Roadway 



### Well Monitoring

Depth to Water Historical Comparison  
(Daily Average DTW in feet)

SCADA Links

Well Map

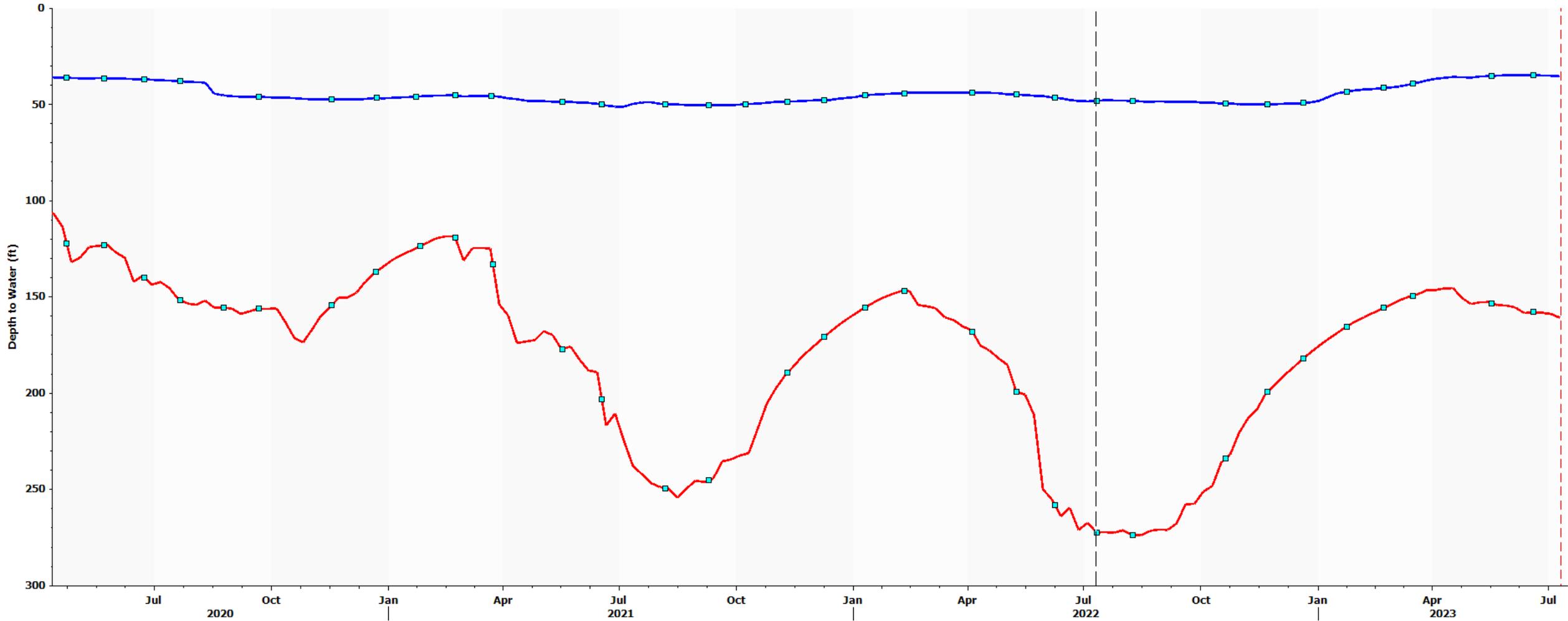
Select Date

07/10

Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Δ 2022 - 2023	Δ 2015 - 2023
1.	92.9	86.6	95.4	101.7	121.3	123.1	115.5	102.4	104.3	101.0	108.4	136.8	146.5	115.7	30.8	7.4
2.	51.7	45.7	50.9	51.6	52.2	51.8	40.3	29.3	33.2	29.5	31.9	40.4	50.9	38.8	12.2	13.1
3.		39.1	44.4	50.8	79.0	74.8	61.1	38.1	43.4	36.8	43.2	67.1	85.5	57.1	28.4	17.7
4.		32.2	37.5	43.3	65.0	63.4	46.3	35.9	34.9	35.6	38.8	56.0	68.8	40.2	28.6	23.2
5.		14.4	15.7	17.8	32.3	33.7	36.2	21.1	28.5	15.9	21.6	34.0	41.4	27.2	14.2	6.6
6.			55.4	61.1	91.7	82.8	58.5	47.3	49.5	38.1	46.0	73.1	79.9	59.0	20.9	23.8
7.				32.8	32.8	43.4	26.6	17.1	19.6	16.7	23.5	41.7	45.7	23.5	22.2	19.9
8.					93.8	91.1	89.2	70.3	74.6	57.2	66.2	89.7	96.5	65.5	31.0	25.6
9.					70.5	68.0	57.2	40.1	44.4	40.0	44.3	60.1	74.3	50.3	24.1	17.7
10.						133.7	124.1	56.8	105.9	71.6	107.9	130.5	139.8	93.1	46.7	40.6
11.						33.9	30.2	17.2	25.8	16.9	27.4	33.4	36.0	22.2	13.9	11.8
12.											121.0	124.9	146.1	141.1	12.9	
13.									126.9	95.2	113.1	142.1	144.2	98.8	45.4	
14.										8.9	10.0	13.3	12.8	10.0	2.7	
15s.									39.9	34.7	37.6	52.1	48.5	35.5	13.0	
15d.									163.2	134.3	145.5	253.6	280.4	161.0	119.5	
16.									39.9	36.9	40.4	47.0	56.9	47.5	9.4	
17.										20.5	23.0	32.1	35.6	23.9	11.7	
18.										58.3	81.7	100.0	89.6	45.5	44.1	
19.										171.4	176.9	192.6	204.7	193.3	11.4	
20.																
21.												126.1	136.1	142.2	133.4	8.8
22.												118.4	126.7	86.0	40.7	
23.												102.7	85.7	62.3	23.4	
24.													86.1	63.4	22.8	
25.													102.5	103.6		
26.														92.7		
27.														77.7		
28.														139.5		
29.														93.4		

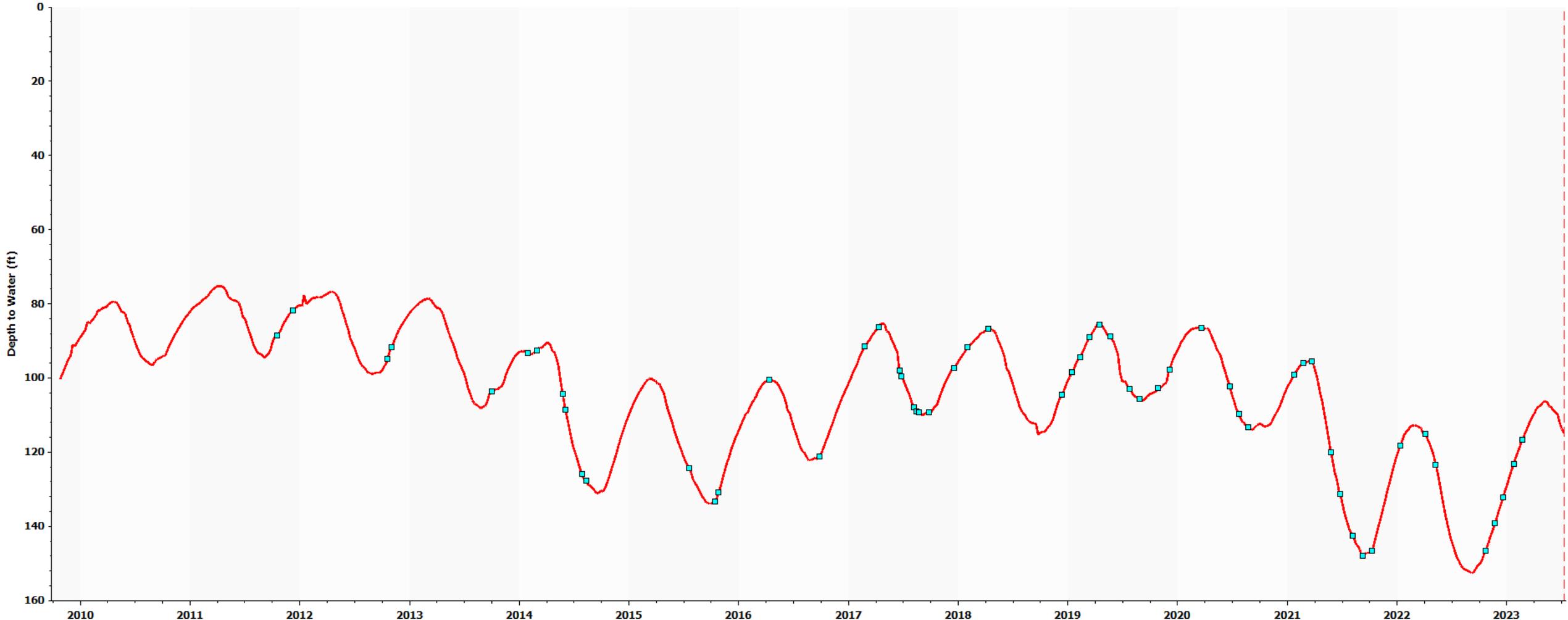
----- Working on a replacement -----

### 15. Moore Well Depth to Water



Trace  
7/10/2022 1:55:37.160 PM 48.27  
7/10/2022 1:55:37.160 PM 272.01

# 1. HQ Well Depth to Water

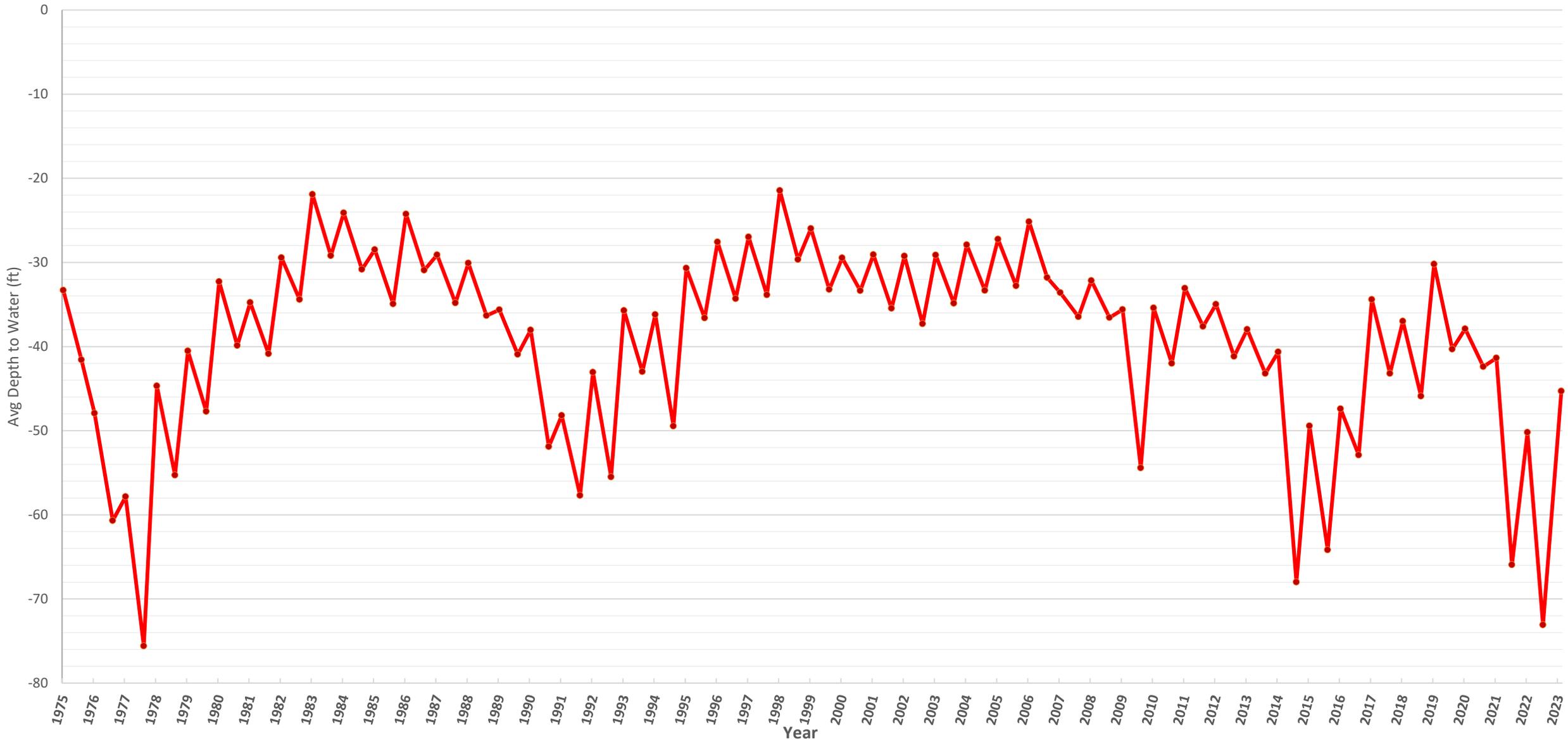


6/10/22: 138.7 feet  
7/10/22: 146.5 feet  
 $\Delta$  -7.8 feet

6/10/23: 109.4 feet  
7/10/23: 115.7 feet  
 $\Delta$  -6.3 feet

# Draft YCFCWCD Average Groundwater

Depth by Season (Spring 2023 is 148 wells)\*\*



# YCFCWCD Average Groundwater

Depth by Season (Spring 2023 is 148 wells)\*\*

## Fall to Spring Recovery

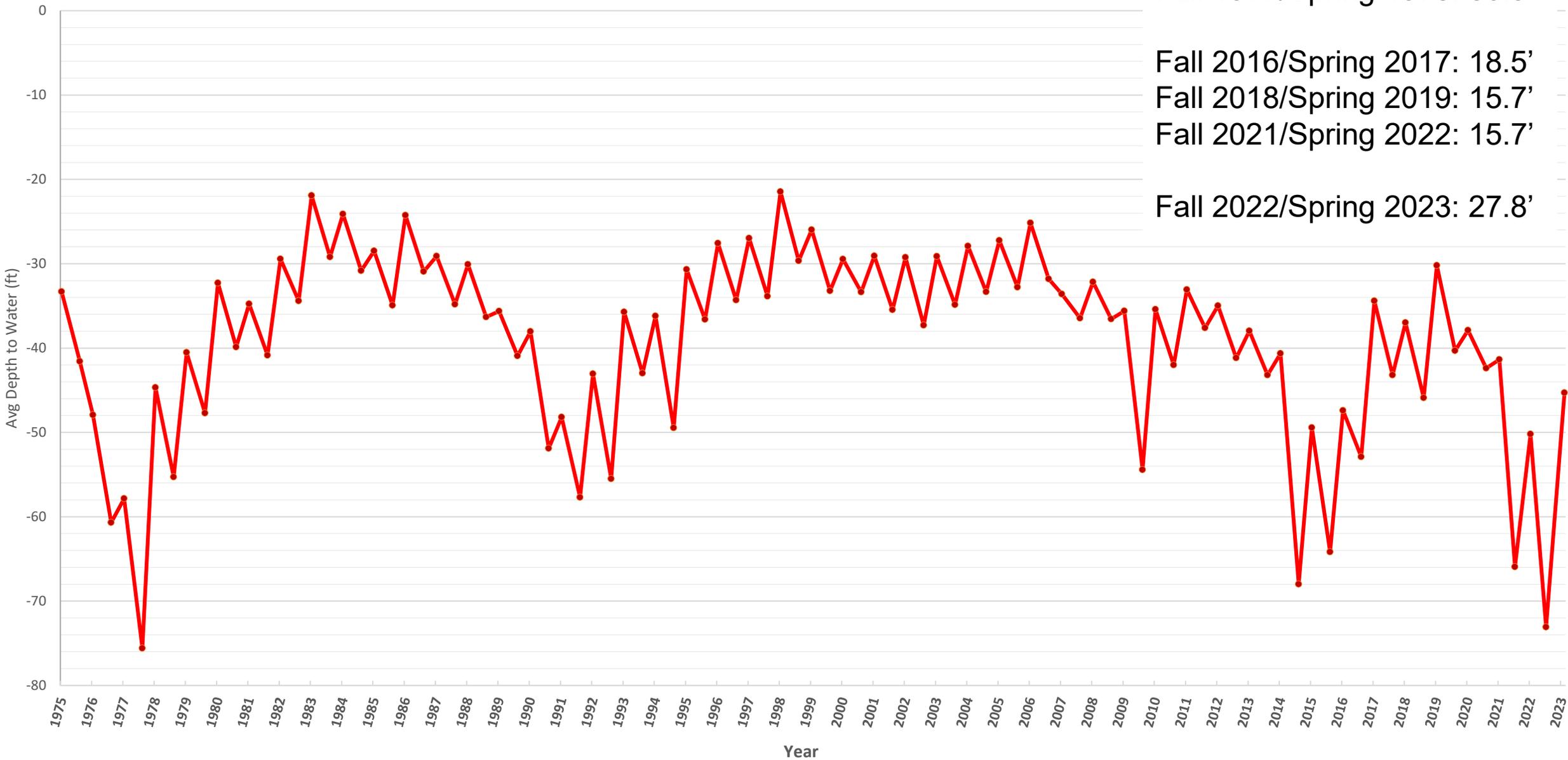
Fall 1977/Spring 1978: 30.9'

Fall 2016/Spring 2017: 18.5'

Fall 2018/Spring 2019: 15.7'

Fall 2021/Spring 2022: 15.7'

Fall 2022/Spring 2023: 27.8'



# Preliminary Financial Report

Highlights as of June 30, 2023

# Preliminary Budget Summary as of 6/30/2023

Key Revenue Drivers	Year-to-Date	Budget	Difference
Agricultural Water Sales	\$2,186,400	\$6,217,700	(\$4,031,300)
Non-Agricultural (M&I) Water Sales	\$32,300	\$343,300	(\$311,000)
Property Taxes *includes Special Property Tax Assessment	\$129,800	\$2,586,400	(\$2,456,600)
IV Dam Hydro (less fees)	\$0	\$350,000	(\$350,000)
Other Revenue	\$85,200	\$1,456,700	(\$1,371,500)
<i>Shared Services Revenue</i>	<i>\$5,200</i>	<i>\$315,200</i>	<i>(\$310,000)</i>
<i>YSGA Reimbursements</i>	<i>\$61,100</i>	<i>\$250,000</i>	<i>(\$188,900)</i>
<i>Interest</i>	<i>\$18,000</i>	<i>\$120,000</i>	<i>(\$102,000)</i>
<i>Other (includes FEMA)</i>	<i>\$900</i>	<i>\$771,500</i>	<i>(\$770,600)</i>
<b>TOTAL REVENUE</b>	<b>\$2,433,700</b>	<b>\$10,954,100</b>	<b>(\$8,520,400)</b>

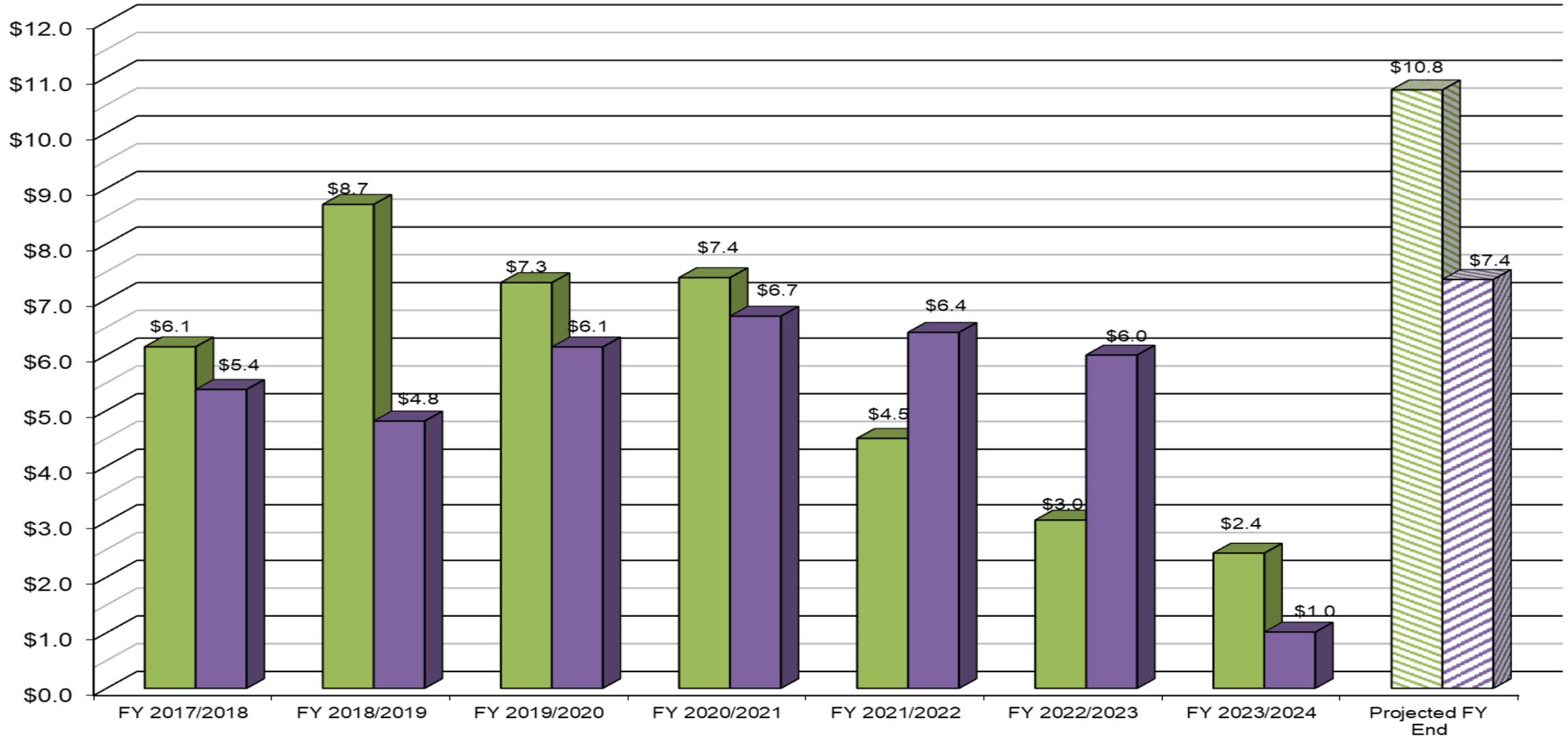
Key Expense Drivers	Year-to-Date	Budget	Difference
Transmission and Distribution (O&M)	\$258,300	\$1,343,100	(\$1,084,800)
General Administration	\$303,300	\$2,846,900	(\$2,543,600)
Other Expenses	\$450,600	\$3,451,900	(\$3,001,300)
<b>TOTAL EXPENSES</b>	<b>\$1,012,200</b>	<b>\$7,641,900</b>	<b>(\$6,629,700)</b>

# Preliminary Financial Report

## Comparison of Actual Revenue vs. Actual Expense

Original Budget  
\$10.95 / \$7.6

Millions

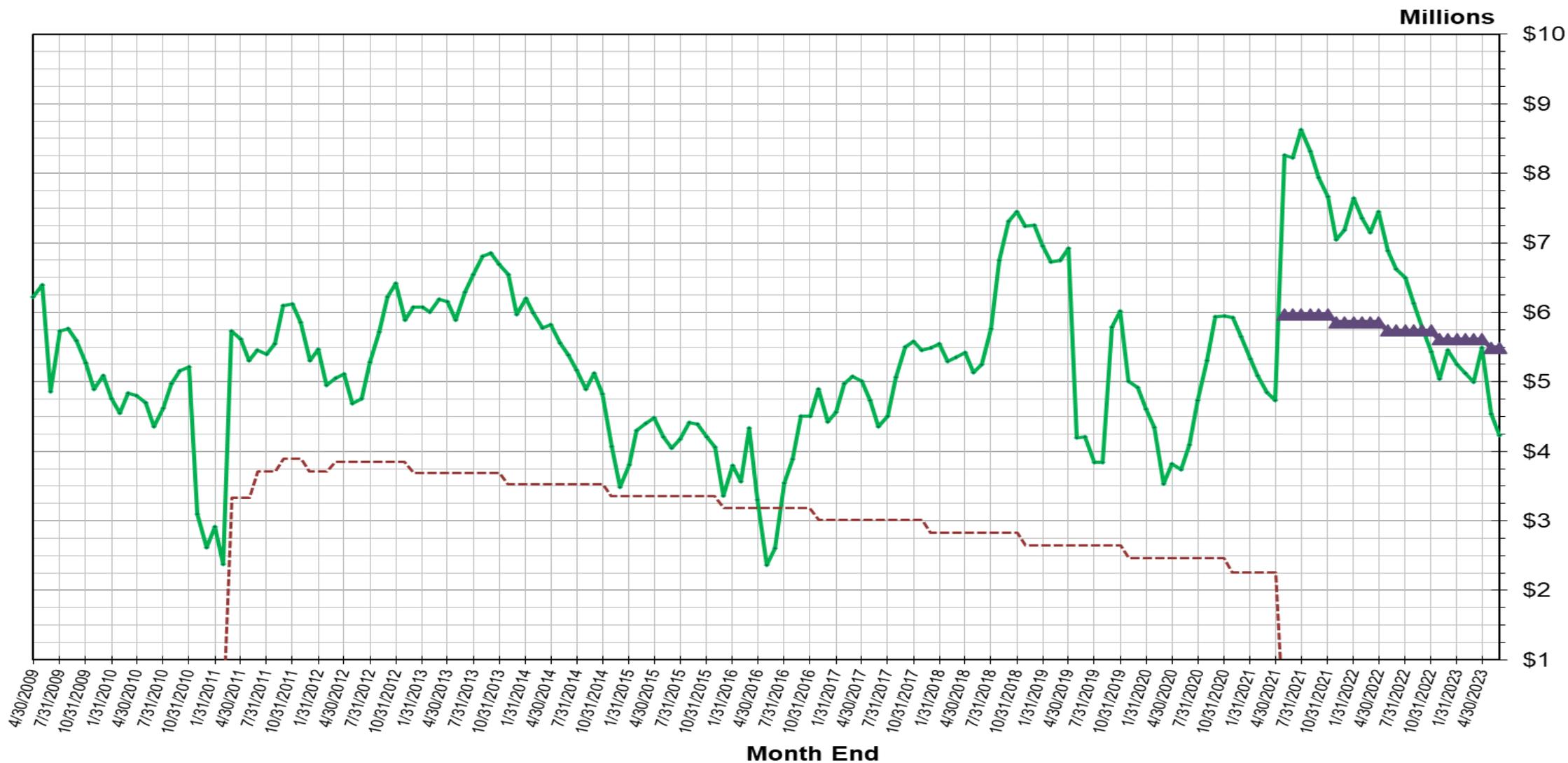


■ Actual Revenue ■ Actual Expense

# Preliminary Financial Report

## Cash History

— Total Cash & Investments    - - - SWRCB Loan Debt    ▲ ZION BANK LOAN DEBT



Zion Bank Loan Debt: Rate Covenant Includes Reserves and Flexibility of Lockbox

# Capital Improvement Program

# Planning for Capital Jobs

Capay Dam Bladder Replacement Project

FY 23/24 Planning Activities Related to Large Capital Jobs

Hungry Hollow Canal – Pipeline Extension Project



# 2023 Irrigation Season Update

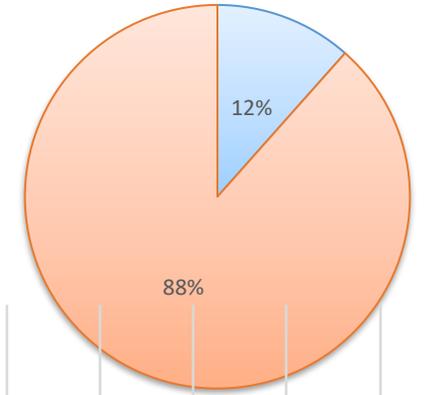
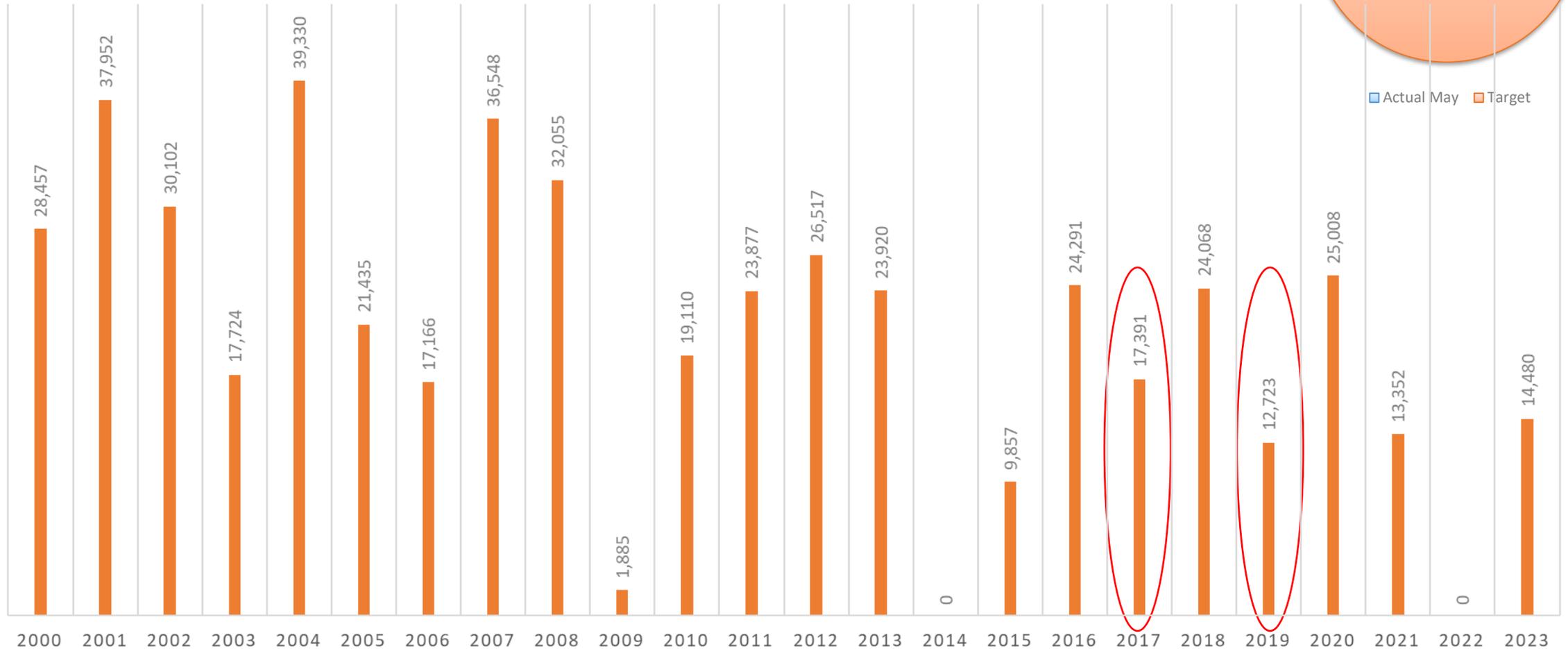
- “Start of Season” – May 5
  - Delay in demand because of April and May(!) rains
- Flow Measurement QA/QC
  - Cache Creek Dam – USGS rating curve update
  - Managing Capay Dam “spill”
  - Various points in the canal system
- “Bottlenecks”/Points of Constriction
  - Cottonwood, Cottonwood South, Ulrich Canals
- **Aquatic Weeds!!**

# 2023 Irrigation Season Update

2023 Water Sales Target

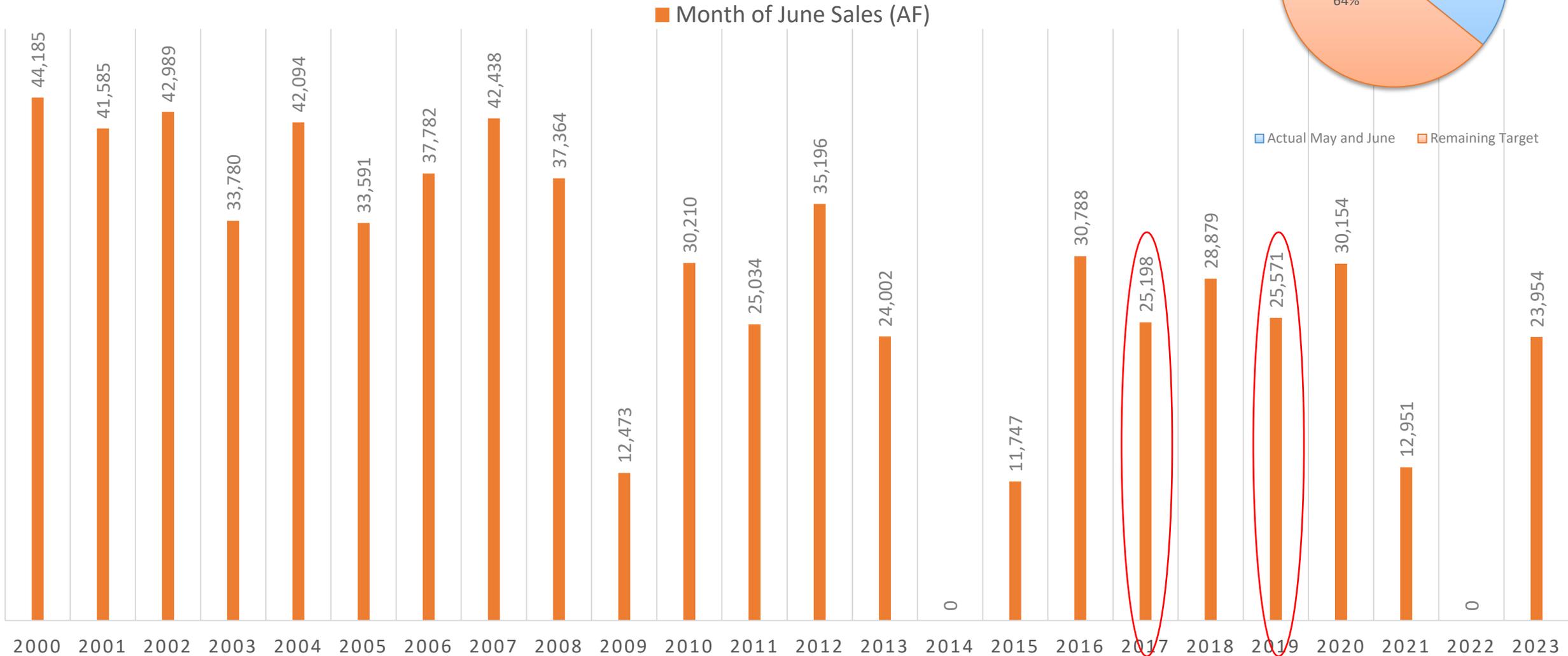
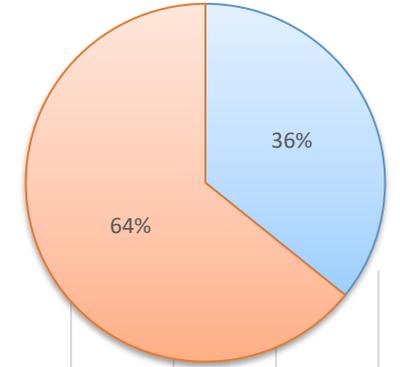
## MONTH OF MAY SALES

Month of May Sales

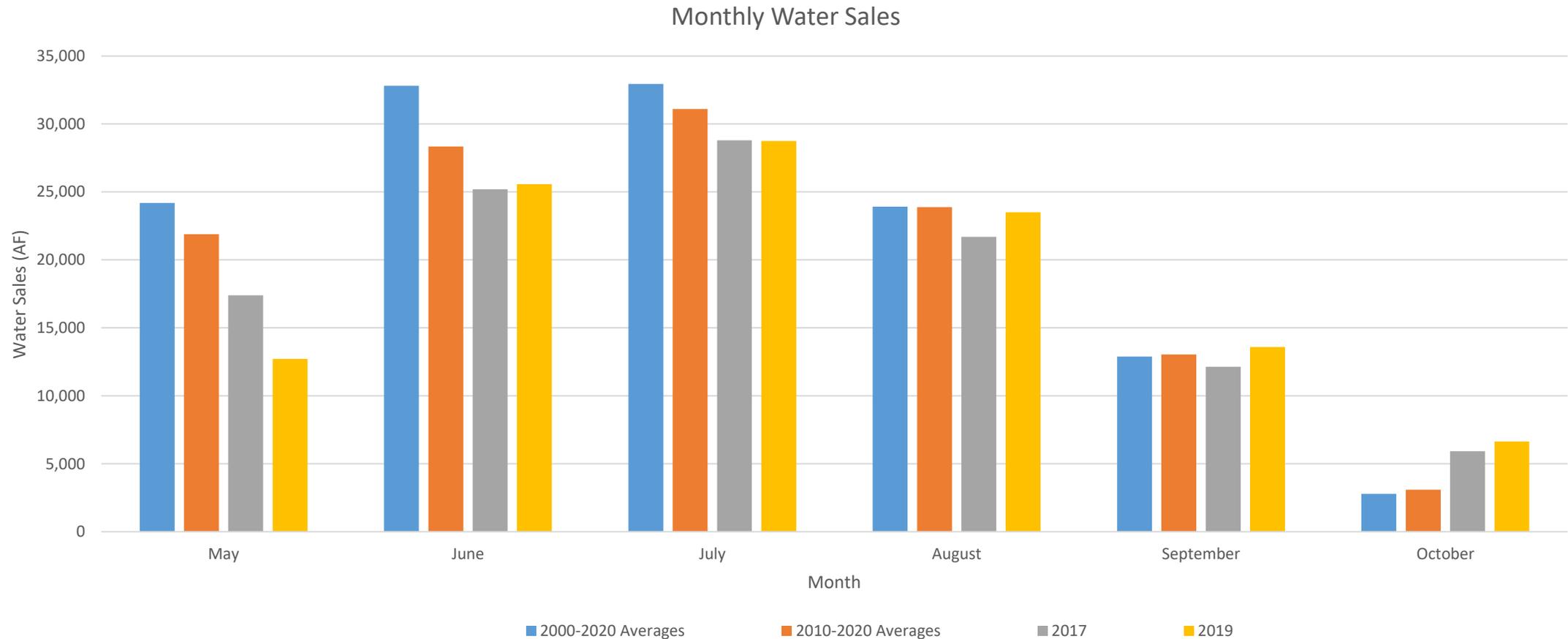


Actual May Target

# 2023 Irrigation Season Update



# Monthly Average of Water Sales: Similar Water Year Type



**Projected 2023 Total Water Sales**  
2010-2020 Average Scenario = 97,994 AF  
2017 Scenario = 106,979 AF  
2019 Scenario = 110,913 AF

# Aquatic Weeds





Cache Creek Dam: Source Water



Capay Dam



# Mechanical Removal



# Control Methods



# Actions Taken



- Mechanical removal
- Aquatic pesticide application
  - \$87k expended (budgeted \$80k)
- 2-3x/day trash rack/screen cleaning at Capay Dam
- Pulse flows

# General Activities (June 7-July 11)

## **PROJECTS:**

- **2023 Irrigation Season and Algae Treatment/Remediation**
- **Preparing for Drought Update to County BOS**
- **2023 Storm Damage FEMA Reimbursement Process**
- **Water Right Reporting Violations; and Appropriator Water Rights**
- **YSGA – Well Permitting Review; Project Development; Outreach; GSP Implementation; Groundwater Monitoring Program Improvements; Grant Opportunities; Neighboring Subbasin Coordination; Grey Area Projects and Outreach**
- **Voluntary Agreement Process**
- **Outreach with various agencies on District's Recharge Program**
- **Capital Projects – small infrastructure projects and USBR WaterSMART Grant**
- **Various Private Jobs**
- **Drought Assistance – Dry well checks (Contract with Yolo County OES)**
- **Creek Spraying for CCC and Chipper Program for Yolo RCD**
- **Vegetation Management (MERCOSA, NDM and Wild Wings CSAs, Madison and Knights Landing CSDs)**
- **Shared Services: SCWA, private jobs, spraying, etc.**
- **Encroachment Permits, Easement Research, Misc. Water Rights Investigations**

# General Activities (June 7-July 11)

## **OUTREACH:**

1. GRA/ACWA GSA Summit (June 7-8)
2. NCWA Groundwater Management Task Force Meeting (June 12)
3. Yolo County Financial Oversight Committee Meeting (June 15)
4. YSGA: Board of Directors Meeting (June 19)
5. ACWA SGMA Implementation Committee Meeting (June 20)
6. Western Yolo Ag Roundtable (June 22)
7. Capay Valley Regeneration Workshop (June 22)
8. Meeting with Supervisor Provenza to Discuss Groundwater (June 26)
9. Farm Bureau / County Coordination Meeting (June 29)
10. NCWA Bay-Delta Working Group Meeting (June 29)
11. YSGA: GSA Collaboration Meeting (June 29)
12. City of Woodland Chamber Meeting (July 5)
13. YSGA: Director Sulpizo-Hall Onboarding Meeting (July 6)
14. ACWA Region 4 Listening Session (July 6)
15. Madison / Esparto / Highway 16 Flood Mitigation Project Kickoff Meeting (July 7)
16. Drought Update Coordination Meetings with the County (July 7 and 10)
17. Yolo County Board of Supervisors Meeting (July 11)
18. NCWA Bay-Delta Task Force Meeting (July 12)

# YSGA Update

# YSGA 2023 Q2/Q3 Activities

- Working with DWR to Construct 3 New Multi-Completion Wells
- Well Permitting Process
  - [Tracking Assembly Bill 1563](#) – passed Assembly in May; amended in Senate in June and hearing postponed
- GSP Implementation
  - Management Area Advisory Committees
  - Proceeding with Fee Study
  - Prioritizing Projects / Preparing Grant Applications
  - Grant Award – Draft Announcement of \$7.917M (5/8 projects funded)
- Drought Task Force Meetings (SB 552: Drought/Water Shortage Planning)
- Preparing for Yolo County Board of Supervisors Drought Updates – July 11 and September 12, 2023
- YSGA Board of Directors Meeting
  - Regular Meeting June 19, 2023
  - Regular Meeting September 18, 2023
    - Helen Thomson Recognition

# Yolo Subbasin Average Groundwater

Representative Wells - Depth by Season (62 Wells)

## Fall to Spring Recovery

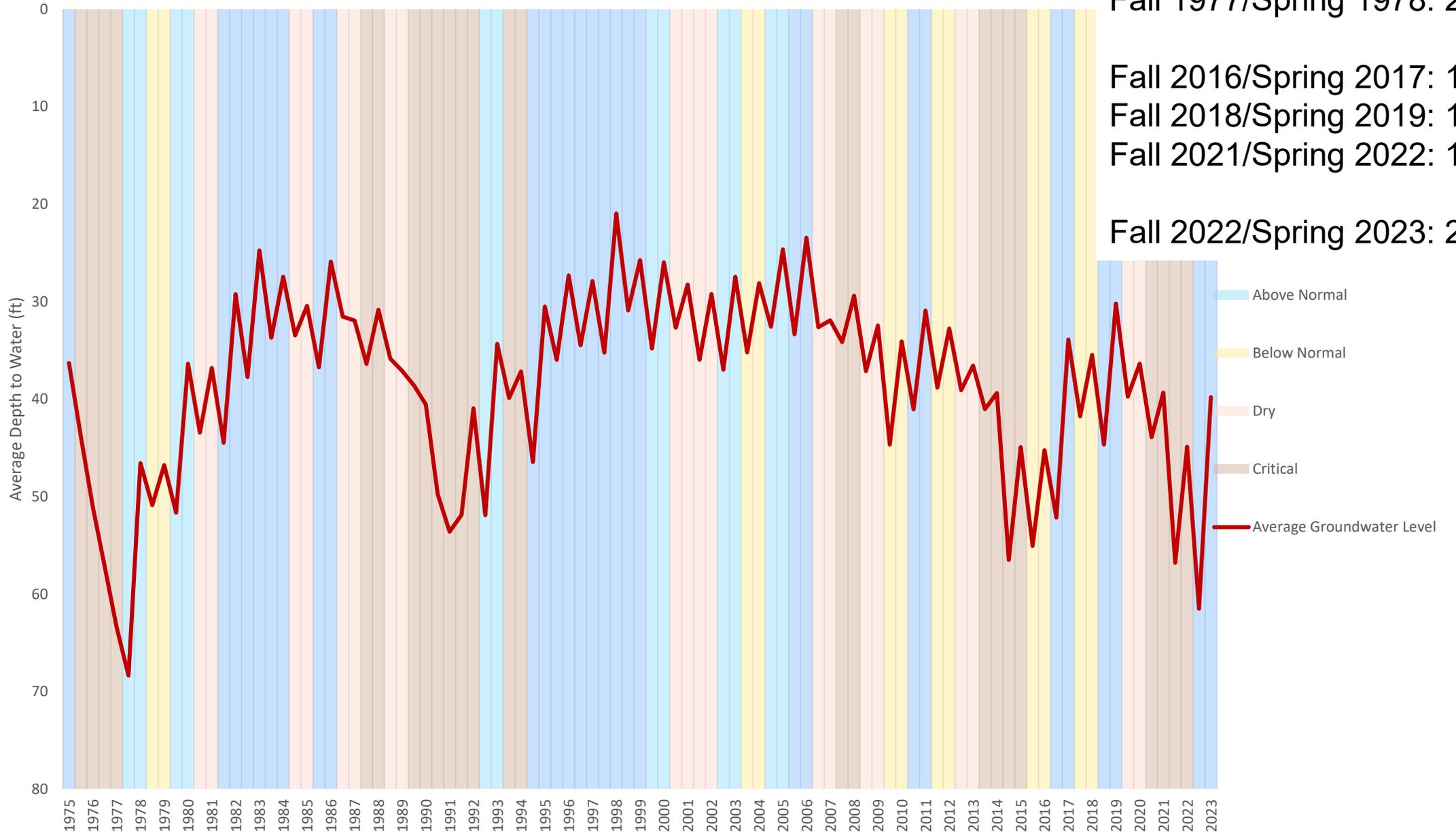
Fall 1977/Spring 1978: 21.8'

Fall 2016/Spring 2017: 18.3'

Fall 2018/Spring 2019: 14.5'

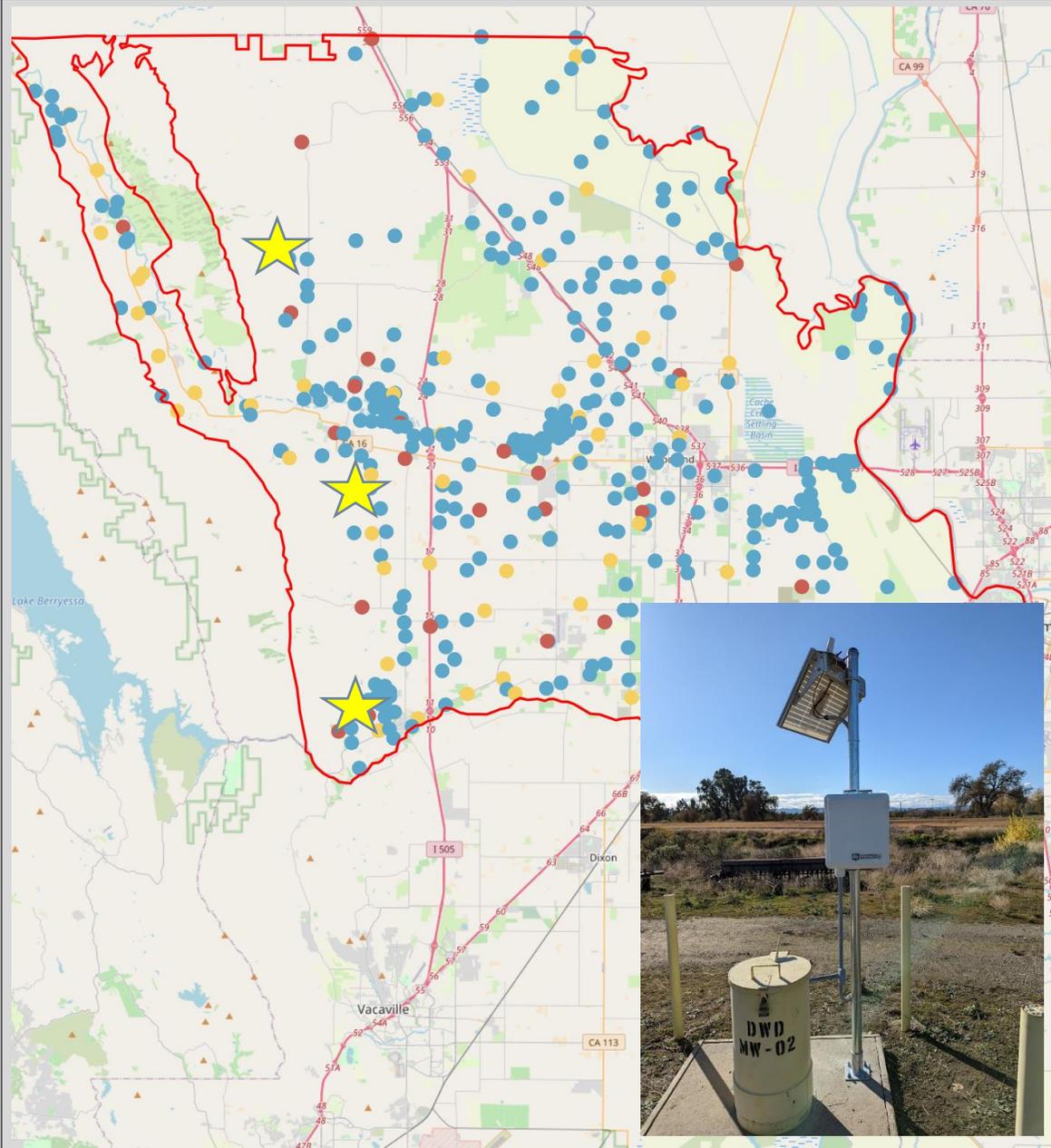
Fall 2021/Spring 2022: 11.9'

Fall 2022/Spring 2023: 21.7'



# DWR's Technical Support Services (TSS)

- 3 dedicated multi-completion monitoring wells to be drilled by DWR's TSS program
- Real-time monitoring to be installed
- Focused in areas of special concern and data gap areas
- Well depths approx. 1,000 feet
- Well 1 is drilled, and Well 2 is in progress

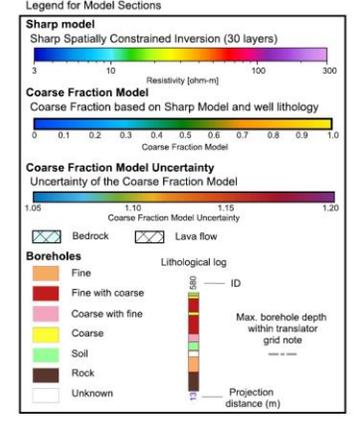
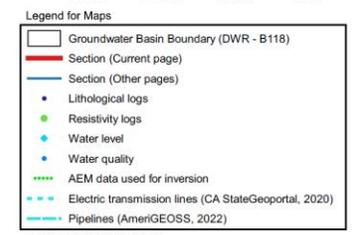
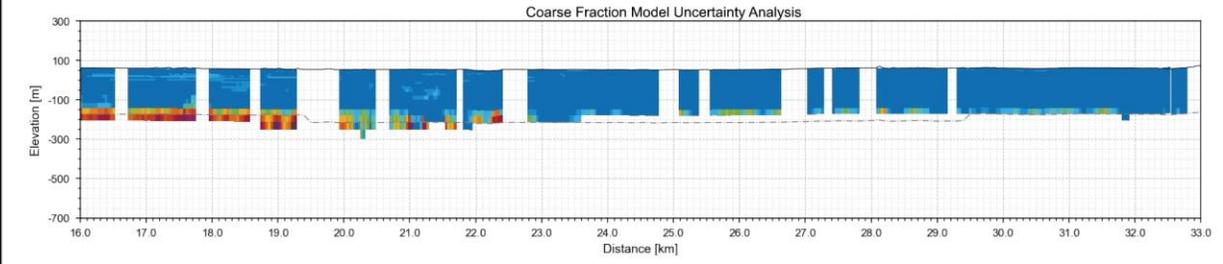
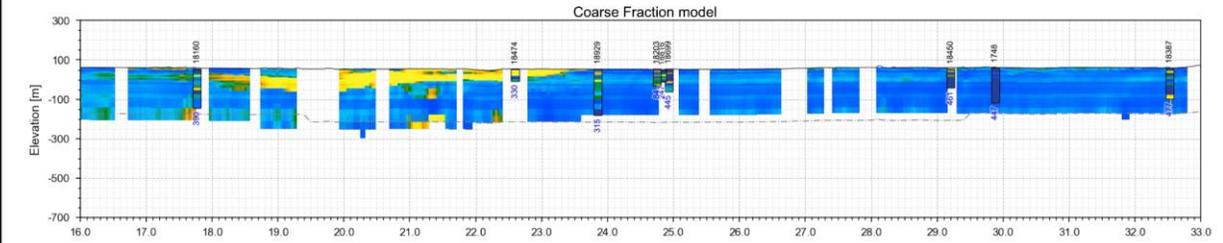
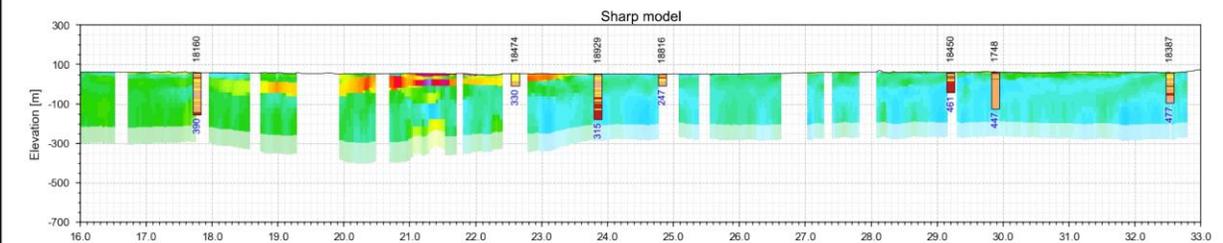
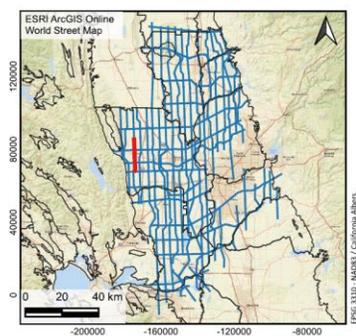
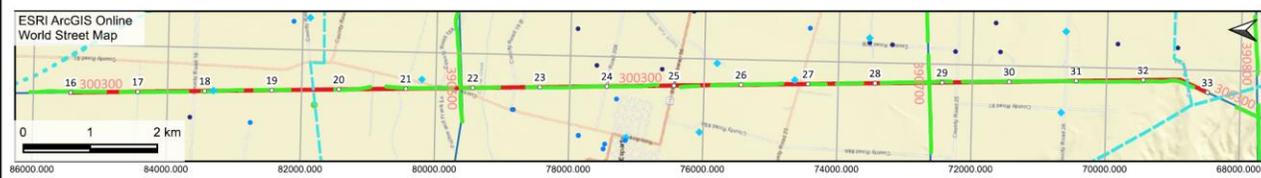


# Farming for Our Future: Sharing Solutions to Climate Change from the Fields

With the need to address climate change, drought, and groundwater sustainability more crucial than ever, this campaign is built around a series of high-end videos that showcase water conservation, sustainable groundwater use, and climate mitigation practices and philosophies being undertaken by rural landowners in Yolo County. The approach is "farmer-to-farmer," with an emphasis on innovative and creative problem-solving and new ideas.

Collaborative Effort including:

- Center for Land Based Learning
- Yolo County Resource Conservation District (YCRCD)
- Good Humus Produce & the Hungry Hollow Watershed Stakeholders
- Community Alliance with Family Farmers (CAFF)
- Carbon Cycle Institute (CCI)
- Yolo Subbasin Groundwater Agency (YSGA)
- Yolo County Flood Control and Water Conservation District (YCFCWCD)
- Public Health Branch of the Yolo County Health & Human Services Agency
- Professor Neal Williams (UC Davis)



Data: 2023-05-10, Created by: MTDL, Checked by: FEC, Approved by: PATT

# AEM DATA

Report and data now available at: [data.cnra.ca.gov/dataset/aem](https://data.cnra.ca.gov/dataset/aem)



Putah Creek Groundwater-Surface Water Monitoring Wells  
Overview Map



# PUTAH CREEK TSS REQUEST

# Updates and progress made since GSP Submission



## Data Improvements

2020 and 2021 land use data made available  
9 new monitoring wells added  
AEM data made available



## Stakeholder Outreach and Engagement

Hungry Hollow Groundwater Committee was formed, held a community town hall, and continues to meet to discuss concerns and potential projects



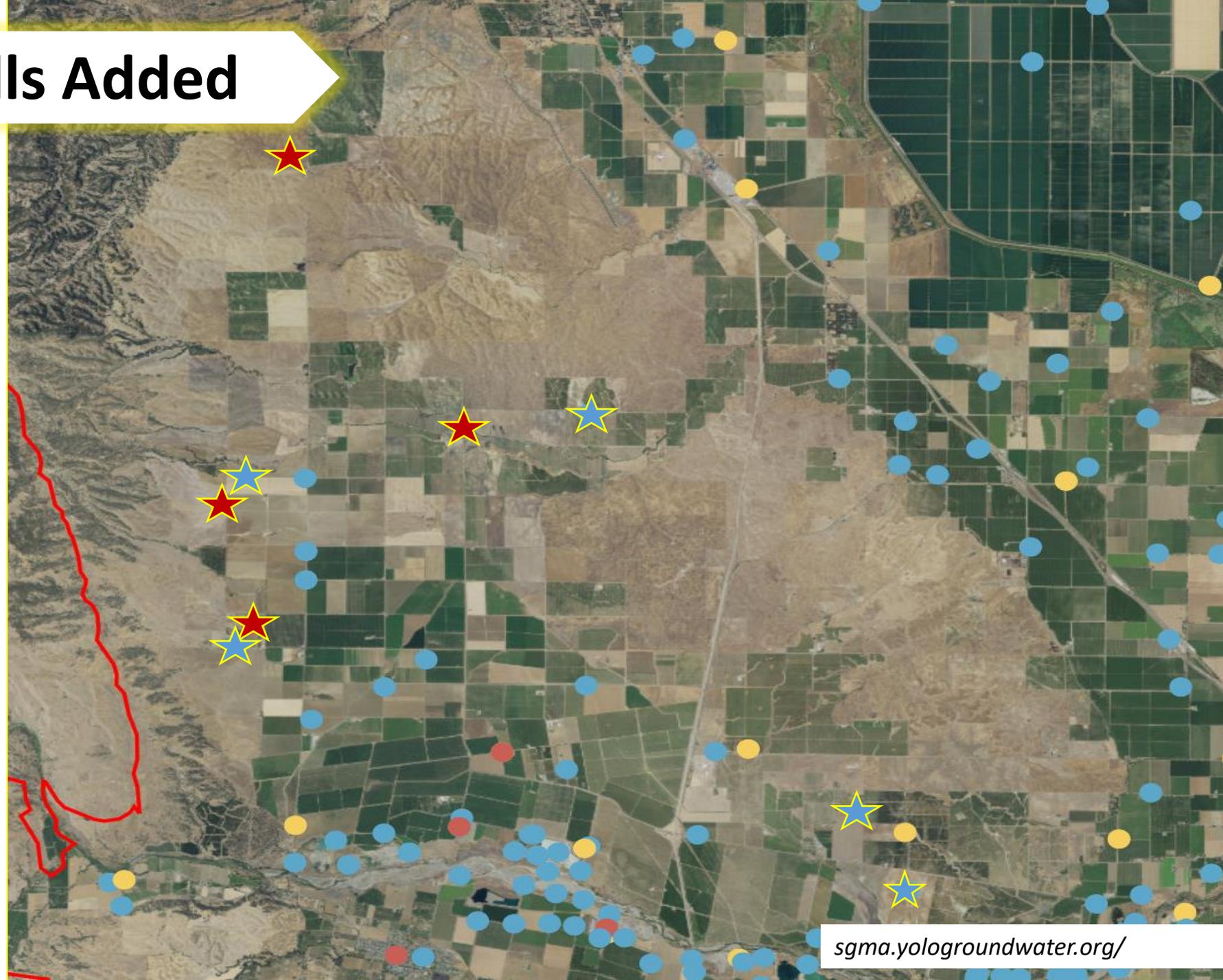
## Grant Funding

Draft funding awarded from SGMA Implementation Grant: \$440,000  
\$300,000 proposal submitted to Creative Corps for video series highlighting sustainable ag practices

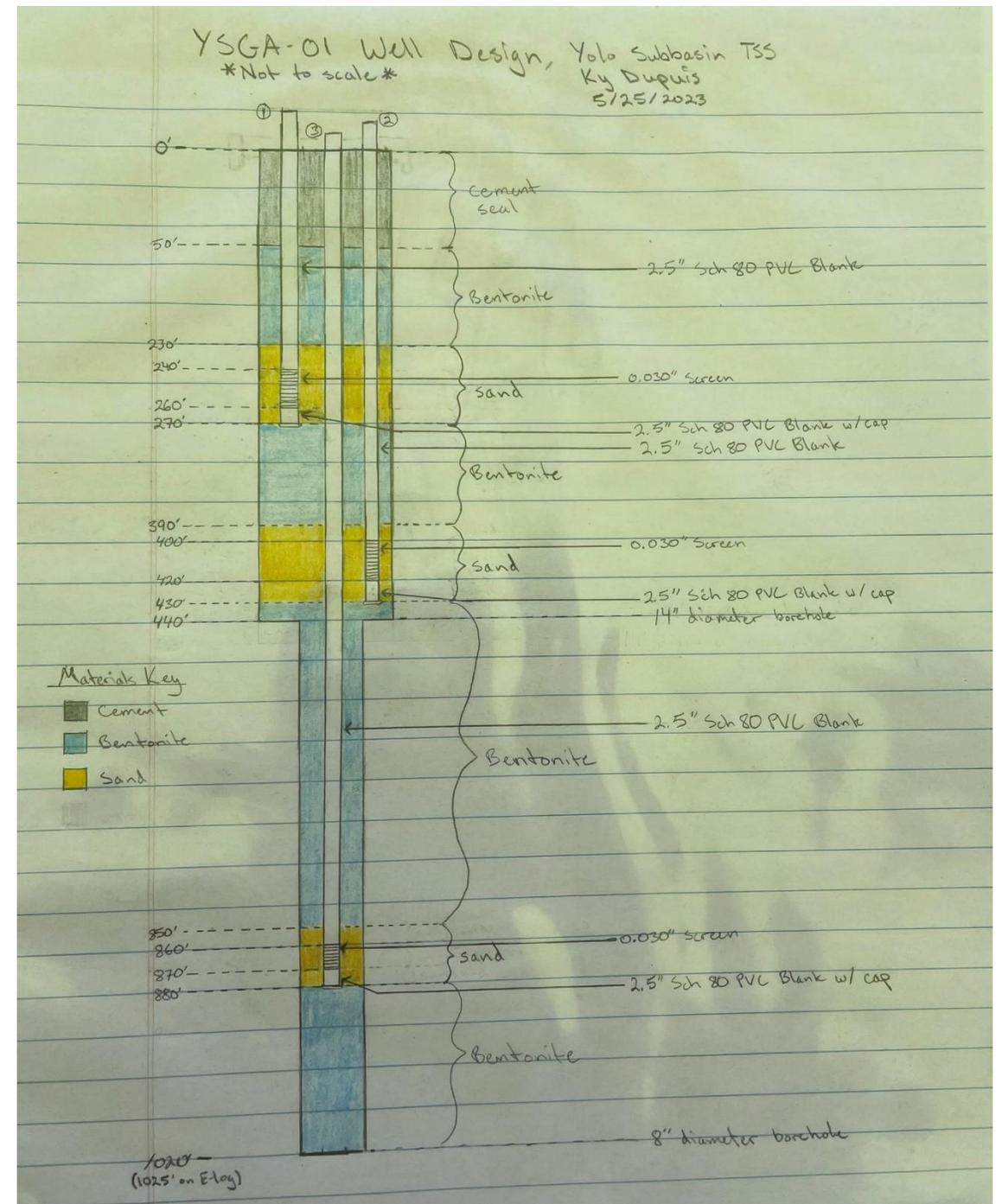
# 9 Monitoring Wells Added

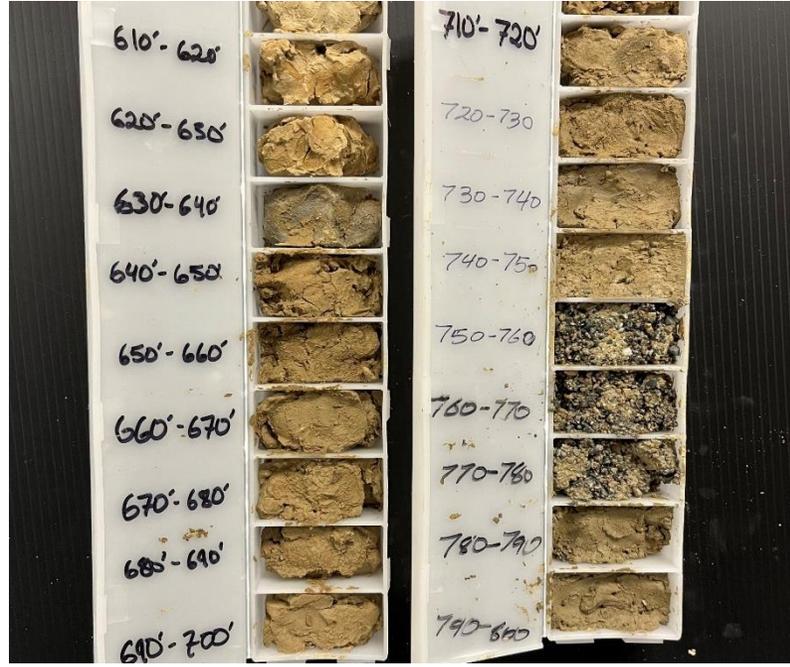
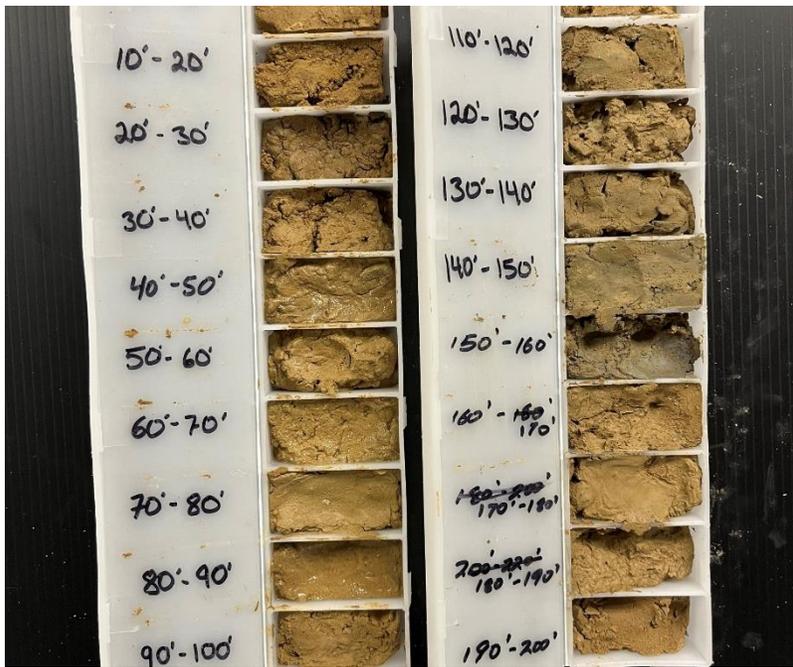
## Legend

- SGMA Representative Well
- Periodic Monitoring Well
- Continuous Monitoring Well
- YSGA Subbasin Boundary



# Multi-completion monitoring well





Components	Grant Amount
Component 1: Grant Administration	\$613,875
Component 2: Yolo Subbasin GSP Implementation	\$1,721,000
Component 3: Yolo-Zamora Groundwater Recharge Pilot Project	\$1,221,050
Component 4: Dunnigan Area Recharge Program	\$1,180,950
Component 5: City of Winters Feasibility Studies	\$580,000
Component 7: YCFC&WCD Winter Water Recharge Program	\$2,600,000
<b>Total:</b>	<b>\$7,917,000</b>

# GSP Implementation

- Develop GSP Annual Reports, Update GSP based on DWR's Comments, and Complete Fee Study
- Complete Groundwater Model Enhancements
- Develop an Approach to Refine Interconnected Surface Water SMC
- Conduct GPS Subsidence Survey Updates
- Develop a Hungry Hollow Area PMA White Paper
- Complete Monitoring Network Enhancements to Address Data Gaps

**2) Complete Groundwater Model Enhancements** involves updating the model and water budget in the GSP, calibrating and refining model inputs, outputs, and parameterization, and incorporating improved evapotranspiration data. Tasks include extending the historical simulation period from 2018 to 2022, incorporating updated land use data, forecasting land use changes and the impact to the water budget, updating surface water inputs to better reflect the reality of drought conditions, revising modeled demand of managed wetlands to better reflect on-the-ground conditions, incorporating Capay's Integrate Groundwater Surface Water Model, and modeling additional projects and management actions based on current drought conditions.

# Upcoming Meetings & Events

1. Westside IRWM Coordinating Committee Meeting (July 12)
2. Hungry Hollow Stakeholder Engagement Check-in Meeting (July 12)
3. ACWA Regions 2-4 Legislative Meeting (July 13)
4. Meeting with Paradise Valley Ranch Developer (July 13)
5. CLBL/Community Outreach Video Steering Committee Meeting (July 13)
6. ACWA SGMA Implementation Subcommittee Meeting (July 18)
7. CII Board of Directors Meeting (July 21)
8. YSGA Executive Committee Meeting (July 24)
9. DWR/TNC FloodMAR Coordination Meeting (July 26)
10. ACWA Board of Directors Meetings (July 27-28)
11. YSGA/Farm Bureau Coordination Meeting (August 2)
12. Butte County Brown Bag Webinar: Recharge (August 23)
13. NCWA: Bay-Delta Task Force Meeting (September 5)
14. NCWA Groundwater Management Task Force Meeting (September 11)
15. Drought/Groundwater Update to Board of Supervisors (September 12)
16. YSGA: Board of Directors Meeting (September 18)
17. Yolo Land Trust's A Day in the Country (October 1)

# Agenda Item #9

## General Discussion

**Opportunity for Board Members to ask questions for clarification, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.**

# Agenda Item #10

## Payment of Bills

Consider the approval and payment of the bills  
(Checks #62477-62490)

Payment History Report  
Sorted By Check Number  
Activity From: 7/10/2023 to 7/10/2023

Yolo County Flood Control (Y01)

Check Number	Check Amount	Vendor Name	Invoice Number	Invoice Date	Description	Check Date	Invoice Amount
0000062477	\$48,993.52	<b>ACWA / JPIA Employee Benefits</b>				7/10/23	
		0699847 JULY 2023	7/1/23	MONTHLY MEDICAL INSURANCE			48,993.52
0000062478	\$13,832.43	<b>ACWA / JPIA - Insurance Payments</b>				7/10/23	
		WC 2023 QTR 2	6/30/23	WORKERS COMP QTR 2023-2			13,832.43
0000062479	\$3,825.40	<b>Bartkiewicz Kronick &amp; Shanahan</b>				7/10/23	
		1650.0001 MAY 223	6/5/23	GENERAL LEGAL			3,825.40
0000062480	\$7,654.15	<b>Briggs Manufacturing</b>				7/10/23	
		20220980	2/10/23	PO6778 30" ASTM BELL & GASKET, TAIL WALL			2,568.10
		20221271	5/3/23	PO6777 TWIN TRACKWEIR, BOX CULVERT,PIPE <i>partially reimburseable</i>			5,086.05
0000062481	\$11,310.00	<b>Environmental AQUA, Inc.</b>				7/10/23	
		81085	4/4/23	POTABLE WATER DELIVERY	<i>reimburseable</i>		6,090.00
		81482	6/12/23	POTABLE WATER DELIVERY	-		4,060.00
		81635	7/6/23	POTABLE WATER DELIVERY	-		1,160.00
0000062482	\$13,460.22	<b>Dell Business Credit</b>				7/10/23	
		667208951	6/2/23	PO6696 POWER EDGE R550 SERVER			9,052.60
		679821445	6/1/23	PRO SUPPORT TECH SUPPORT			384.37
		682876691	6/1/23	PO6803 DELL LATITUDE LAPTOP 7430 K SICKE			1,956.74
		682876717	6/1/23	PO6803 OPTIPLEX MICRO PC - BD ROOM			770.74
		682876725	6/1/23	PO6803 DELL LATITUDE LAPTOP 7320 A LOPEZ			1,047.67
		682876733	6/1/23	LAPTOP DOCK, 24/7 TECH SUPPORT			248.10
0000062483	\$4,028.30	<b>Integral Networks, Inc.</b>				7/10/23	
		31690	7/1/23	PO6806 COMPLETE MANAGED SERVICES			4,028.30
0000062484	\$9,762.32	<b>Interstate Oil Company</b>				7/10/23	
		T609656-IN	6/20/23	PO6748 1850GAL GAS, 530GAL DIESEL			9,762.32
0000062485	\$3,970.00	<b>MBK Engineers</b>				7/10/23	
		11243	6/15/23	WATER RIGHT ASSISTANCE			3,970.00

0000062486	\$36,434.16	<b>Nutrien Ag Solutions</b>		7/10/23		
		51013855	5/8/23	PO6575 ROUNDUP CUSTOM, LIBERATE		11,971.78
		51603371	6/12/23	PO6827 NAUTIQUE		11,163.38
		51748275	6/21/23	PO6830 COPPER SULFATE MEDIUM		13,299.00
0000062487	\$0.00	<b>TechnoFlo System</b>		7/10/23		
		40866	6/30/23	PO680912" MAG METER WEA0635LP		3,832.45
		40842	6/20/23	PO6808 (3)10" & (1)12" MAG METERS		12,959.86
0000062488	\$20,000.00	<b>UC Davis Cashiers Office</b>		7/10/23		
		A43704 AGREEMENT	7/10/23	BAL DUE - AGREEMENT A43704 IVR SURVEY		20,000.00
0000062489	\$7,870.00	<b>Websoft Developers, Inc</b>		7/10/23		
		INV-000485	7/1/23	FACILITIES MAP 7/1/23-6/30/24	reimbursable	7,500.00
		INV-000506	7/5/23	UPDATE RDS SERVER	"	370.00
0000062490	\$110,000.00	<b>Yolo Subbasin Groundwater Agency</b>		7/10/23		
		FY 2023-2024	7/7/23	ANNUAL MEMBERSHIP DUES		110,000.00

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\$ 307,932.81

\$ 307,932.81

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# Agenda Item #11

## Closed Session: Bay-Delta

Conference with legal counsel for existing administrative proceeding and anticipated litigation/significant exposure to litigation pursuant to Government Code 54956.9, subsections (d)(1) and (d)(2) – State Water Resources Control Board Bay/Delta Plan update proceeding.

# Closed Session Report

Agenda Item #12  
Adjourn