

# YCFC&WCD BOARD OF DIRECTORS

March 1, 2022



Y O L O   C O U N T Y  
FLOOD CONTROL &  
WATER CONSERVATION  
DISTRICT

## Agenda Item #1

Re-Authorize Teleconference Meetings as a  
Result of COVID-19 Emergency

Staff recommend that the Board

1) find that, as a result of the COVID-19 emergency, meeting in person would present imminent risks to health and safety of attendees,

AND

2) hold meetings by teleconference as authorized by § 54953 of Government Code.

## Agenda Item #2

Adoption of the  
February 1, 2022 Regular Board Meeting  
Minutes

# Agenda Item #3

## Open Forum

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

## Agenda Item #4

Adding Items to the  
Posted Agenda

## Agenda Item #5

# Sustainable Conservation's Groundwater Recharge Efforts

# Agenda Item #6

## Directors' Reports

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

- i. YCFC&WCD Winter Water Rights and Finance Committees' Meetings
- ii. Meeting with CLOCWD to Discuss Long-Term Agreement
- iii. NCWA Board of Directors Meeting / Water Coordination Task Force Meeting
- iv. Hungry Hollow Area Community Groundwater Meeting





**NCWA**  
Northern California Water Association



**The Evolving Landscape in the  
Sacramento River Basin:  
Ridgetop to River Mouth Water Management**  
March 4, 2022, 9:00am

We look forward to having you join us for the Northern California Water Association's 30th Annual Meeting on March 4, from 9:00am to 12:00pm. [CLICK HERE](#) for the Zoom Link to the meeting.

*We are pleased to be joined by many leading commentators on California water policy, including:*



**Joaquin Esquivel**

Chair of the State  
Water Resources  
Control Board



**Tanya Trujillo**

Department of  
Interior Assistant  
Secretary for Water  
and Science



**Bryce Lundberg**

NCWA Chairman,  
farmer and  
conservationist



**Adel Hagekhalil**

General Manager of  
Metropolitan Water  
District



**Sean Maguire**

Member State Water  
Resources Control  
Board

# Agenda Item #7

## Attorney's Reports

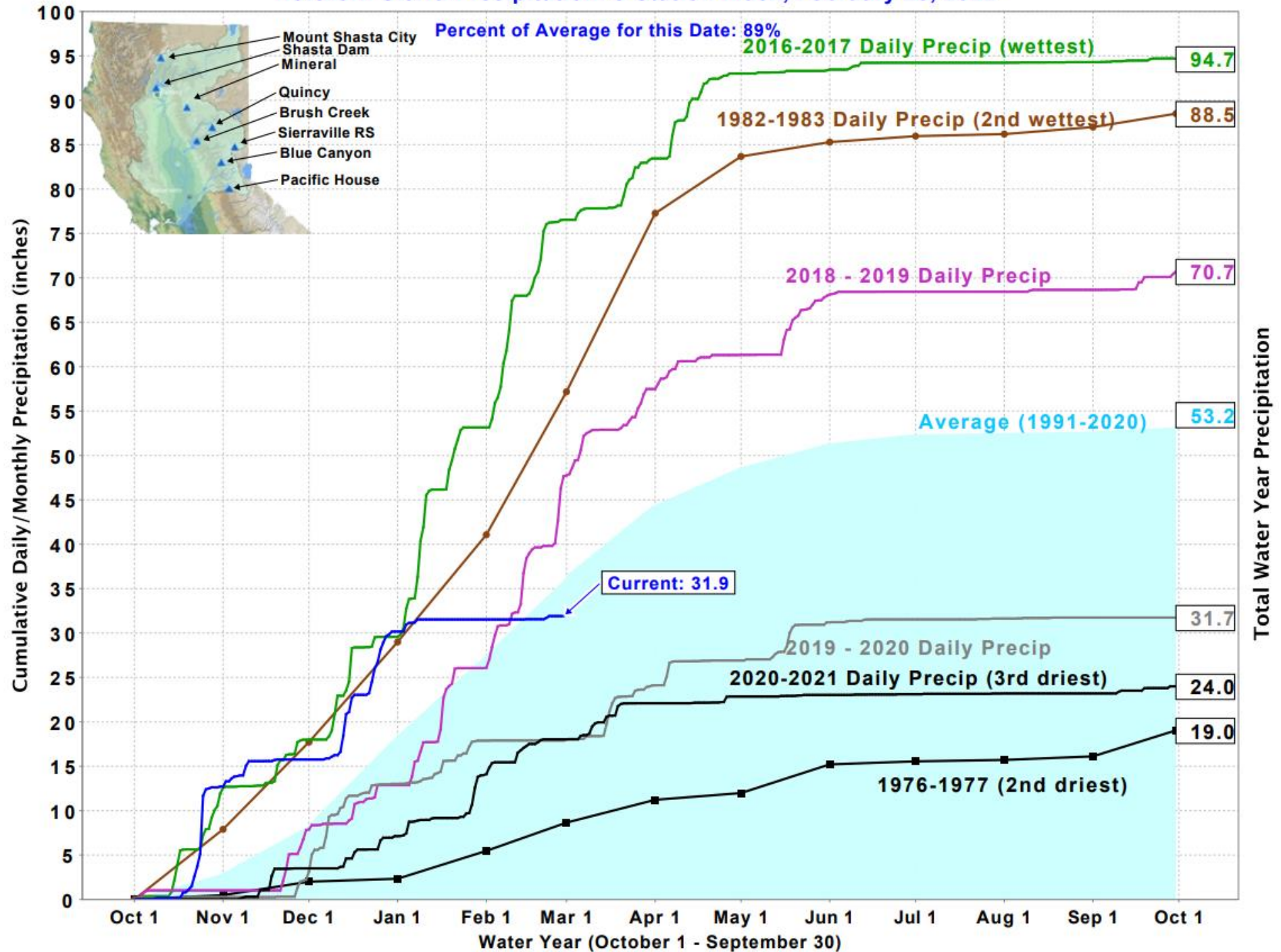
Report on Legal Matters of Concern to the District

# Agenda Item #8

## General Manager's Report

- **Water Conditions Report**
- **Financial Report Summary** – Review of Finance Committee Meeting
- **Capital Improvement Program**
- **General Activities**
- **YSGA Update**
- **Upcoming Events**

# Northern Sierra Precipitation: 8-Station Index, February 28, 2022

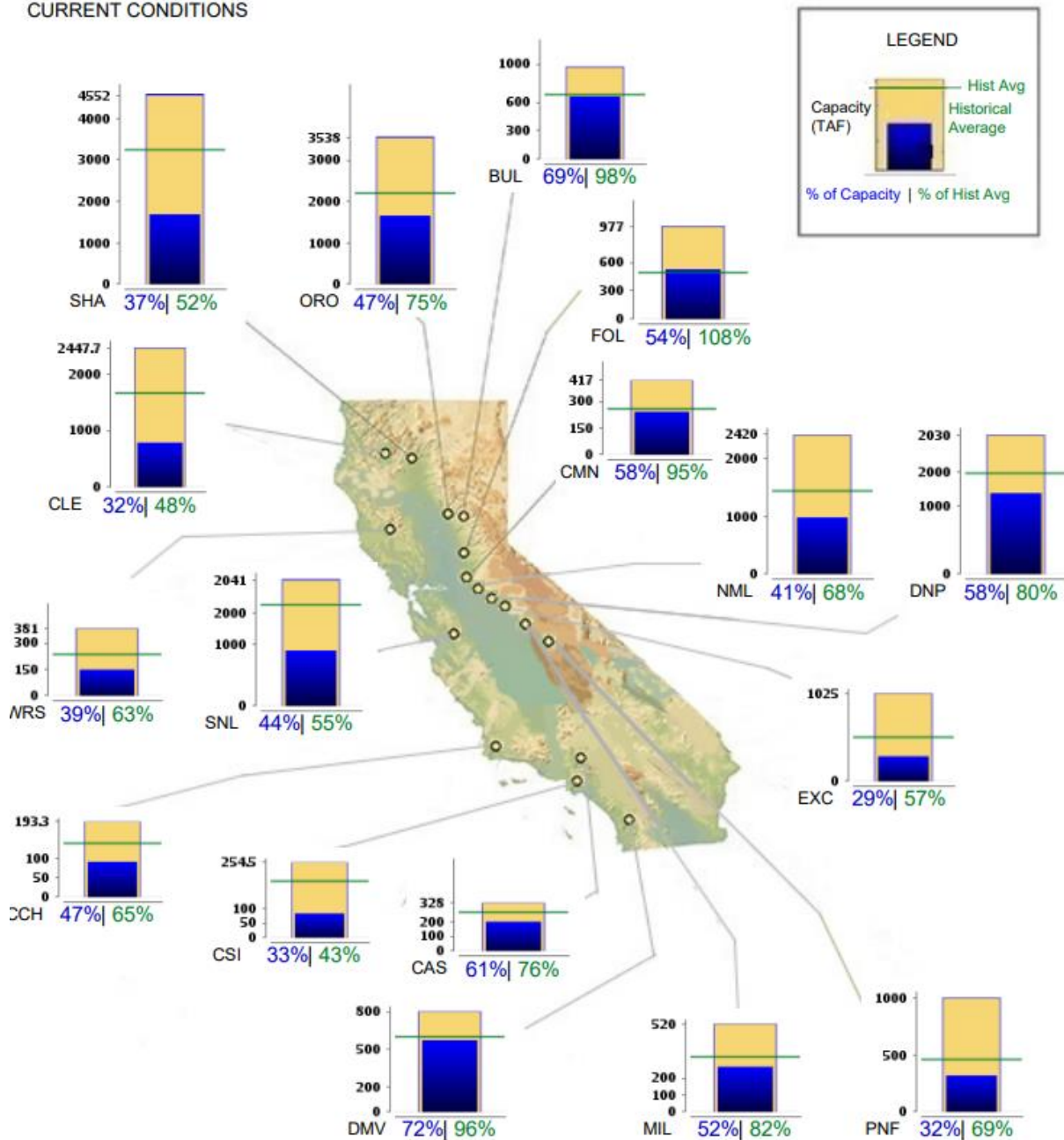




# CURRENT RESERVOIR CONDITIONS

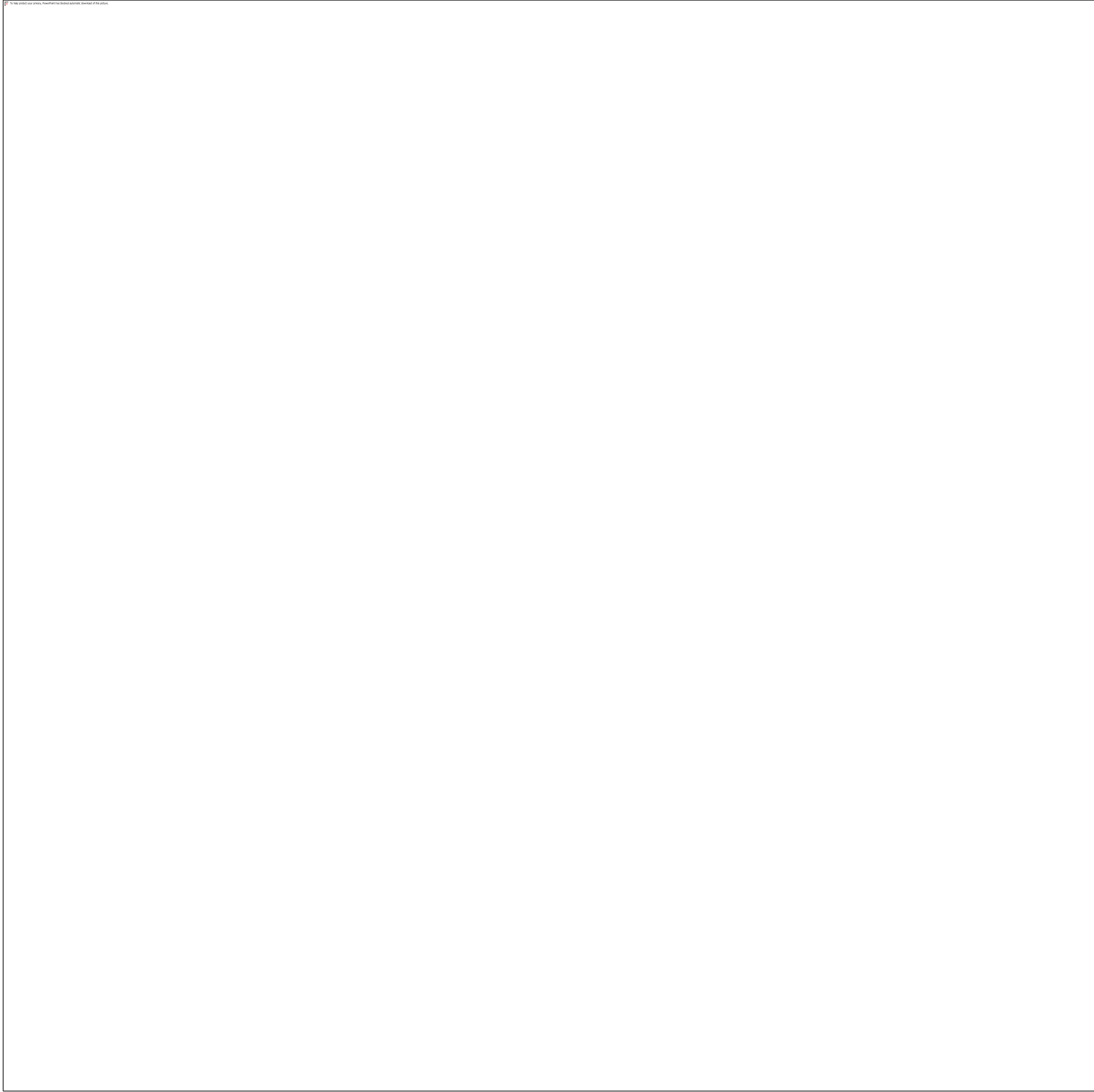
## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - February 27, 2022



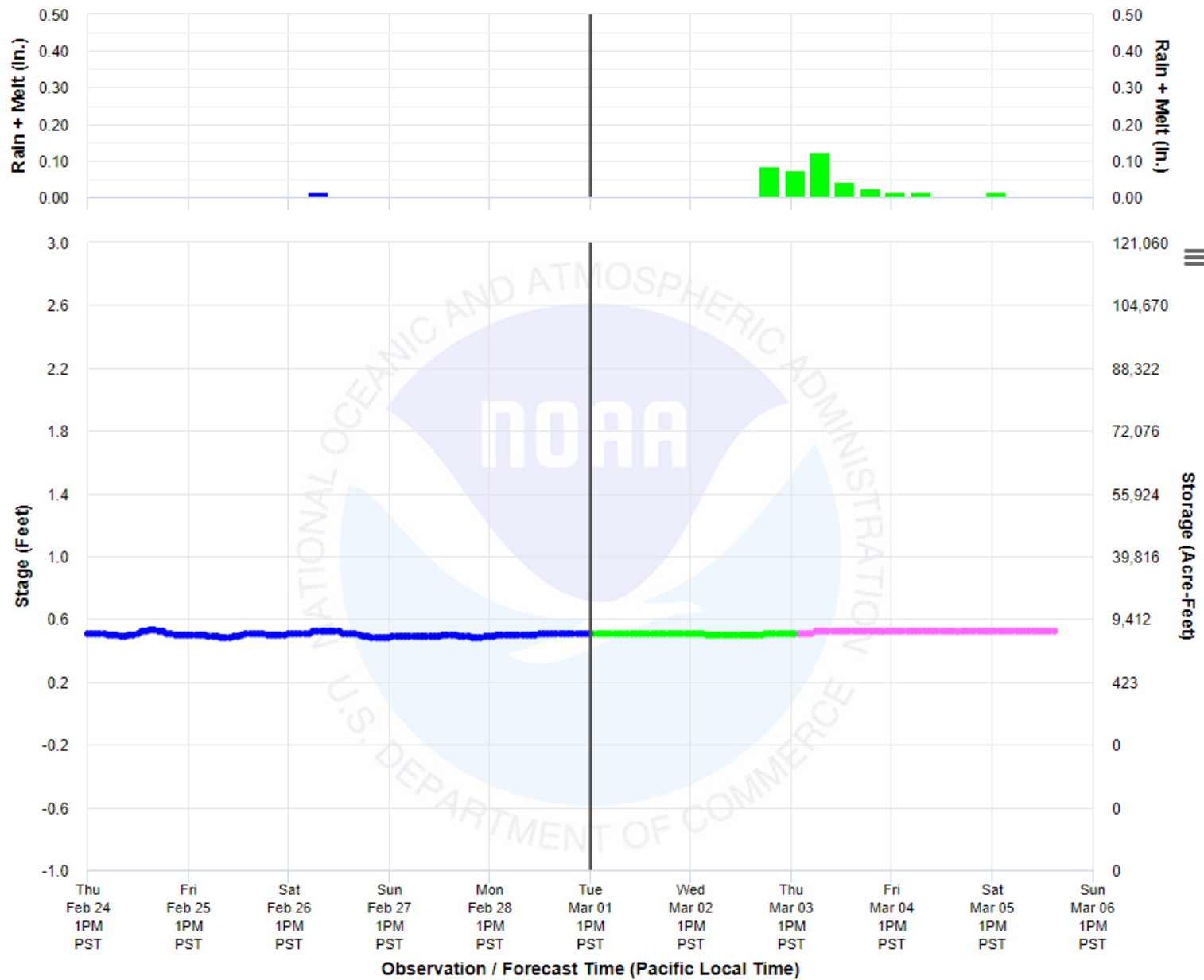
# Current Water Conditions (03-01-22)

	<u>Elevation</u>	<u>Available</u>	<u>2021</u>
Clear Lake			
• March 1	0.50'	0 AF	1.04' (0 AF)
• February 1	0.53'	0 AF	
• Total Loss	-0.03'	0 AF	
Indian Valley Reservoir			
• March 1	1,392.99'	48,890 AF	1,410.04' (76,068 AF)
• February 1	1,391.91'	47,490 AF	
• Total Gain	1.05'	1,400 AF	



### Clear Lake - Lakeport (CLKC1) Reservoir Forecast Plot

Forecast Posted: 03/01/2022 at 1:20 PM PST • Graphic Created: 03/01/2022 at 1:27 PM PST



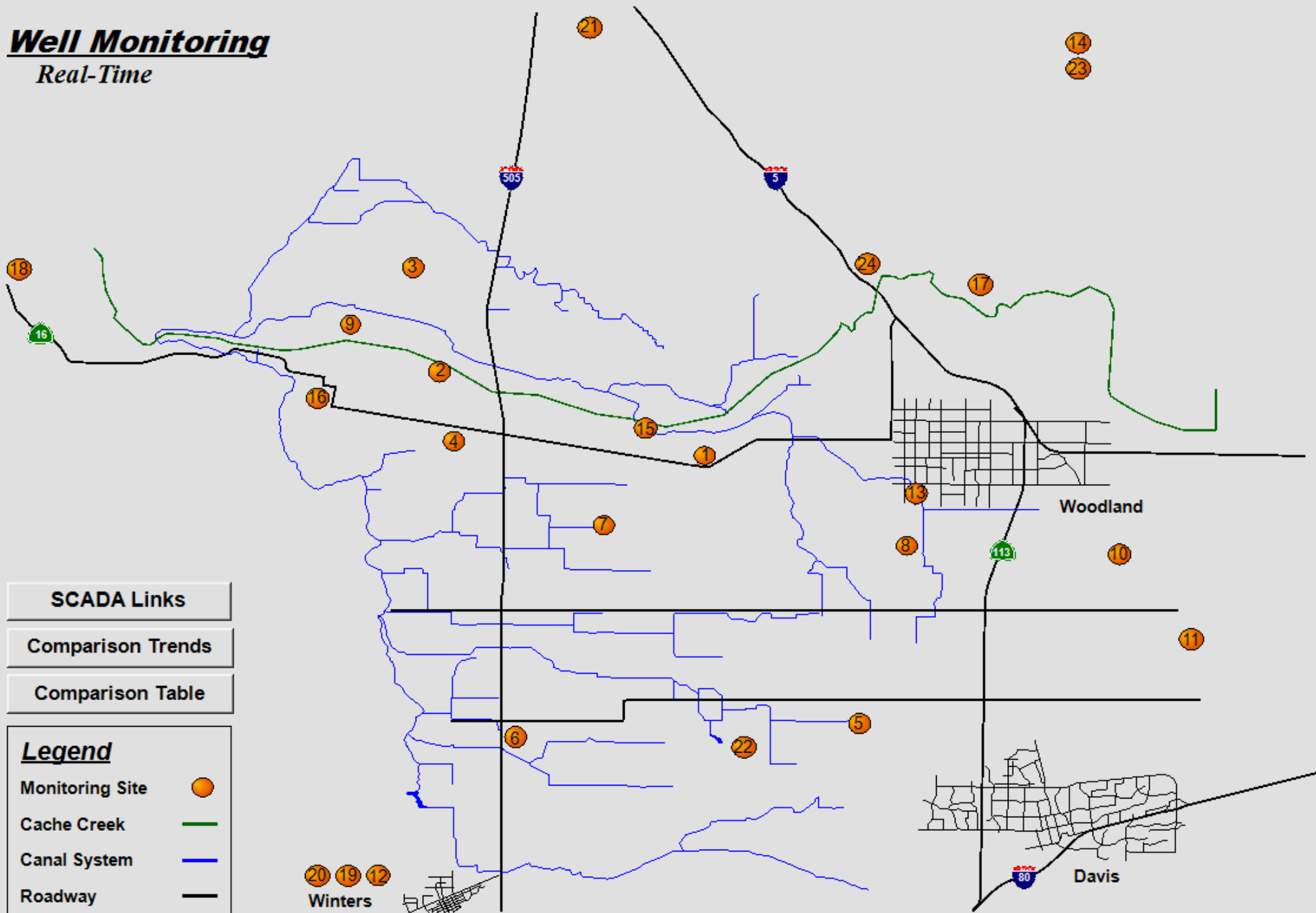
NOAA / NWS / California Nevada River Forecast Center • California Department of Water Resources

—●— Observed   
 —●— Forecast   
 —●— Guidance   
 —●— Monitor Stage   
 —●— Flood Stage



# Well Monitoring

Real-Time







SCADA Links

Comparison Trends

Comparison Table

## Legend

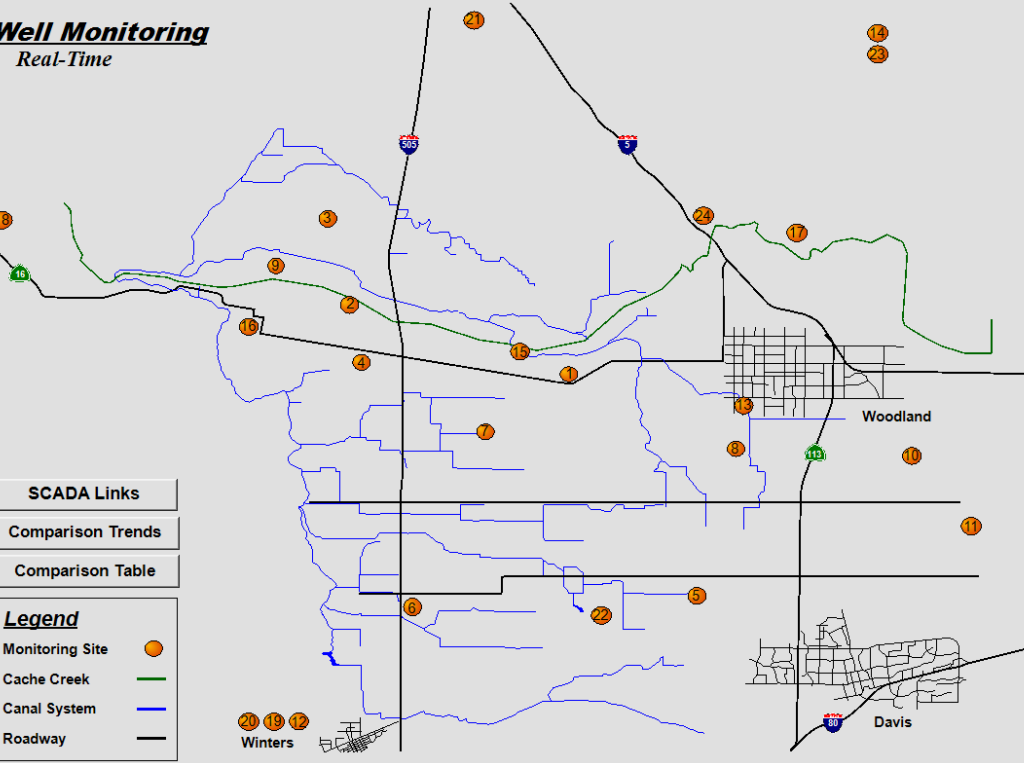
- Monitoring Site 
- Cache Creek 
- Canal System 
- Roadway 

20 19 12  
Winters

14  
23

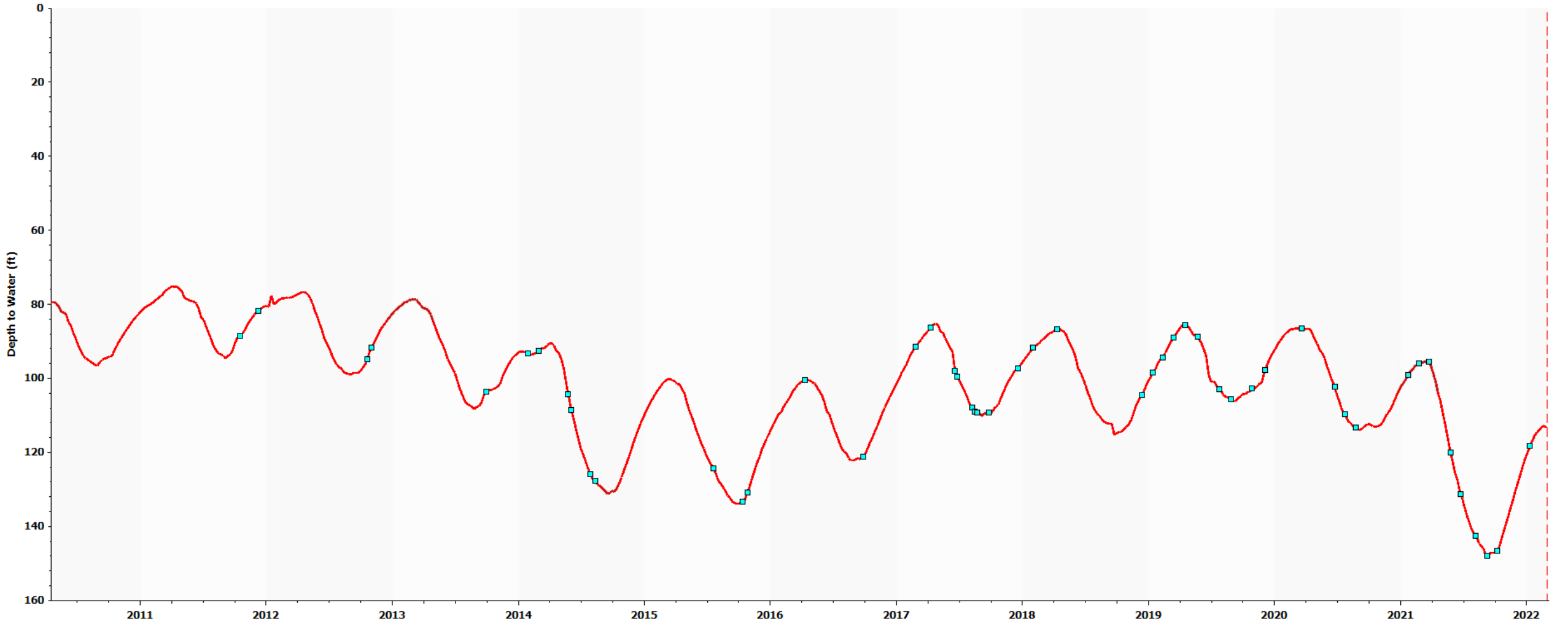
Woodland

Davis



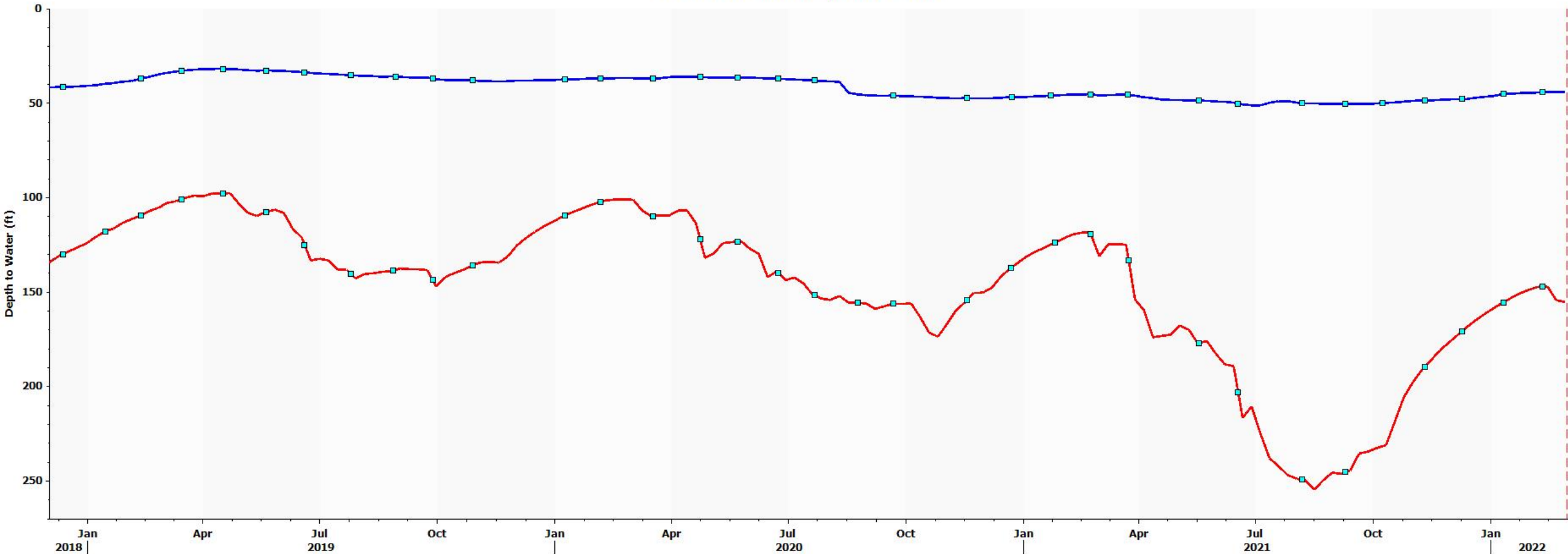
Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	$\Delta$ 2021 - 2022	$\Delta$ 2015 - 2022	
1.	83.2	78.6	78.4	79.2	93.3	101.5	105.6	92.3	90.1	92.5	86.8	96.5	114.0	-17.5	-12.5	
2.	32.3	29.7	29.9	29.1	37.0	38.6	44.8	24.1	30.3	25.8	29.6	31.7	36.9	-5.2	1.7	
3.		42.5	39.5	39.2	51.8	59.5	60.3	40.3	40.2	39.4	39.7	43.4	56.3	-12.9	3.2	
4.		25.5	28.7	24.3	32.3	38.2	41.4	21.3	28.2	20.3	27.8	30.7	36.9	-6.2	1.2	
5.		21.5	21.1	22.2	29.6	33.3	39.9	11.3	28.1	8.8	22.7	29.4	37.3	-8.0	-4.1	
6.			39.0	33.9	44.5	48.6	54.2	25.3	36.8	22.6	34.1	39.9	53.9	-14.0	-5.3	
7.					21.9	32.6	35.1	16.5	21.2	15.4	19.3	25.8	31.5	-5.7	1.0	
8.					51.1	59.5	63.9	48.7	43.0	39.3	38.4	45.9	59.7	-13.8	-3	
9.					51.3	56.6	59.8	38.1	40.9	35.9	41.5	45.3	53.4	-8.1	3.2	
10.						23.4	27.6	13.4	12.9	10.8	10.5	16.8	25.1	-8.3	-1.7	
11.						10.9	13.4	5.1	9.1	6.5	9.2	12.5	13.3	-8	-2.4	
12.											114.5	109.6	118.4	129.2	-10.8	
13.									54.5	50.0	49.5	59.1	69.9	-10.8		
14.										6.3	10.5	13.8	11.6	2.1		
15s.										35.4	36.8	46.3	44.1	2.2		
15d.										105.6	101.4	138.9	155.4	-16.5		
16.										27.0	36.1	36.9	43.9	-7.0		
17.											20.1	27.3	30.1	-2.8		
18.											36.7	38.1	43.9	-5.8		
19.											166.0	175.4	186.5	-11.1		
20.											199.1	199.0	199.0	-1		
21.											117.4	127.1	135.5	-8.4		
22.													59.3			
23.													37.0			
24.													59.8			

# 1. HQ Well Depth to Water



Depth to Water  
2/1/22 : 115 feet  
3/1/22: 114 feet  
 $\Delta$  +1 feet

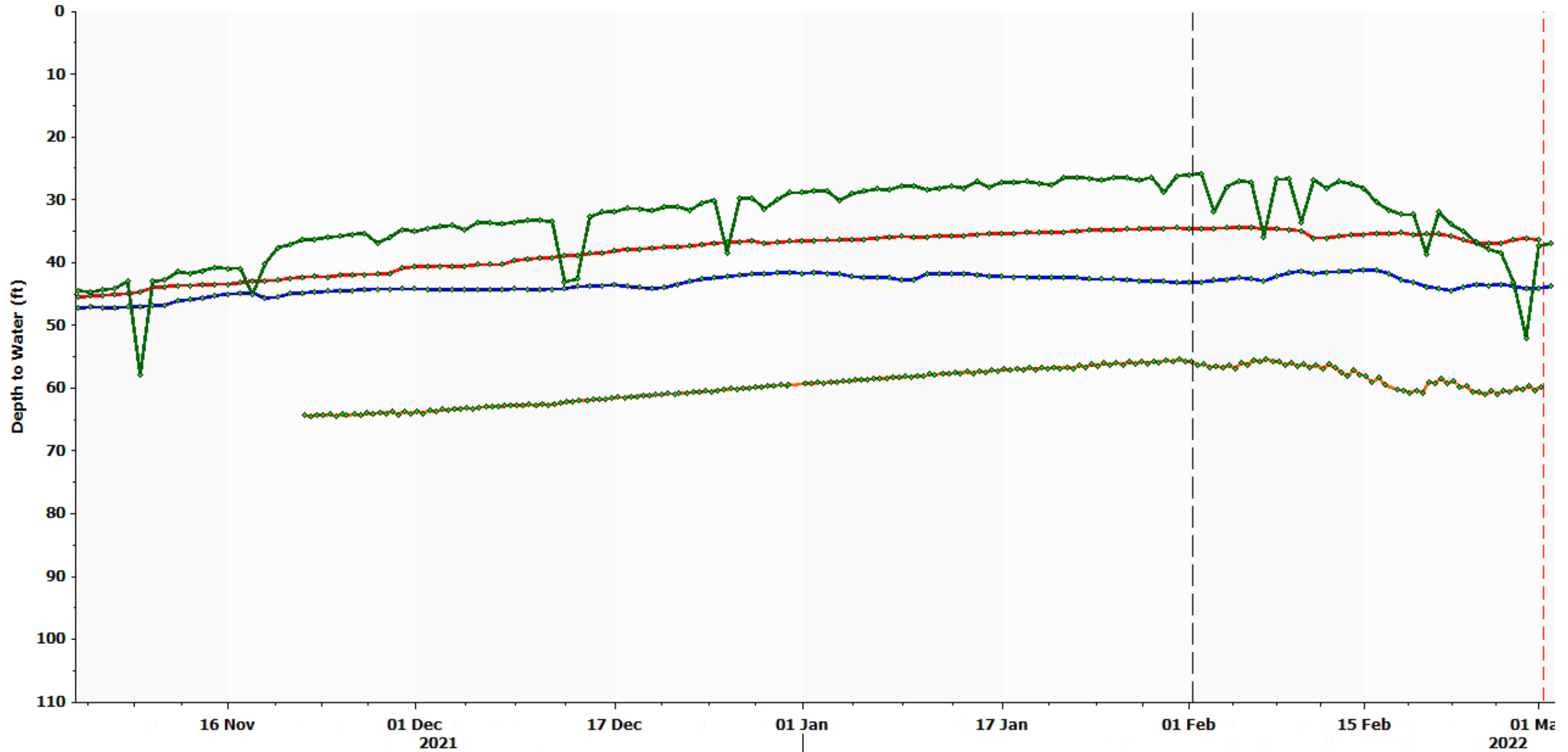
### 15. Moore Well Depth to Water



Trace  
Moore Well (s) Depth to Water (Weekly Minimum)  
Moore Well (d) Depth to Water (Weekly Minimum)  
Ruler Value

Depth to Water  
2/1/22 : 150 feet  
3/1/22: 155.4 feet  
 $\Delta$  -5.4 feet

# CSD Real-Time Monitoring Well Hydrographs



## Trace

- ◆ Madison Well Depth to Water
- ◆ Esparto Well Depth to Water
- ◆ Knights Landing Well Depth to Water
- ◆ Yolo Fire Station Well Depth to Water

## Axis

- Depth to Water (ft) (0 - 110)
- Depth to Water (ft) (0 - 110)
- Depth to Water (ft) (0 - 110)
- Depth to Water (ft) (0 - 110)

## Ruler Value

- 2/1/2022 6:32:45.215 AM 34.62
- 2/1/2022 6:32:45.215 AM 43.14
- 2/1/2022 6:32:45.215 AM 25.98
- 2/1/2022 6:32:45.215 AM 55.7

## Latest Value

- 2/28/2022 8:59:33.004 AM 36.41
- 2/28/2022 8:59:33.015 AM 43.89
- 2/28/2022 8:59:33.025 AM 44.58
- 3/1/2022 6:39:02.461 AM 59.77

# Preliminary Financial Report

Highlights as of February 28, 2022

# Preliminary Budget Summary as of 02/28/2022

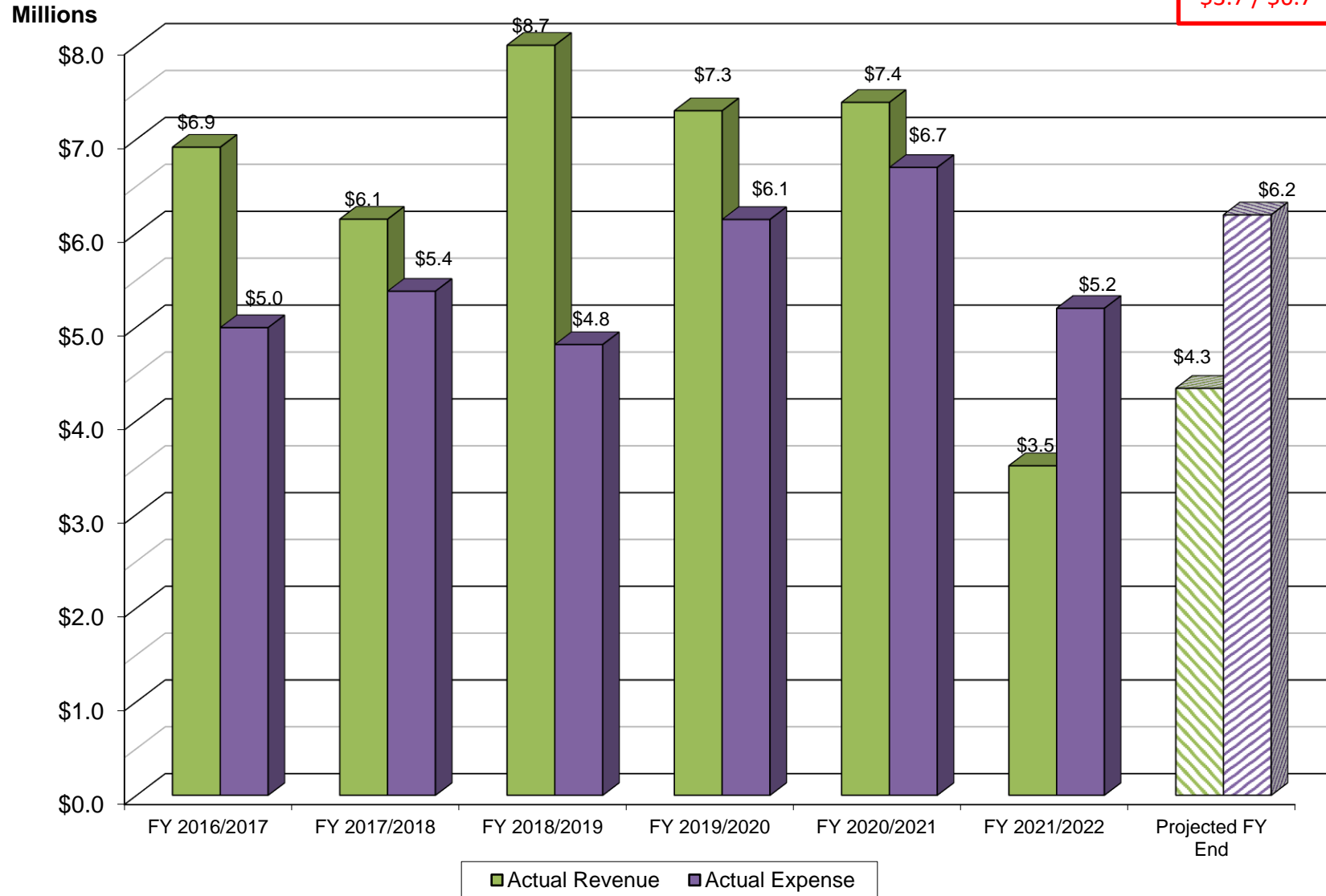
<b>Key Revenue Drivers</b>	<b>Year-to-Date</b>	<b>Budget</b>	<b>Difference</b>
Agricultural Water Sales	\$1,211,100	\$1,192,200	\$18,900
Non-Agricultural (M&I) Water Sales	\$292,400	\$306,700	(\$14,300)
Property Taxes	\$972,200	\$1,631,000	(\$659,000)
IV Dam Hydro (less fees)	\$39,400	\$50,000	(\$10,600)
Other Revenue	\$1,003,400	\$519,900	\$483,500
<i>Grant Revenue – Yolo Subbasin GSP Grant</i>	<i>\$85,500</i>	<i>\$106,000</i>	<i>(\$20,500)</i>
<i>YSGA &amp; FloodSAFE Yolo Reimbursements</i>	<i>\$175,500</i>	<i>\$277,000</i>	<i>(\$101,500)</i>
<i>Interest</i>	<i>\$19,400</i>	<i>\$10,000</i>	<i>\$9,400</i>
<i>Other (COVID-19 Relief)</i>	<i>\$723,000</i>	<i>\$126,900</i>	<i>\$596,100</i>
<b>TOTAL REVENUE</b>	<b>\$3,518,500</b>	<b>\$3,699,800</b>	<b>(\$181,300)</b>

<b>Key Expense Drivers</b>	<b>Year-to-Date</b>	<b>Budget</b>	<b>Difference</b>
Transmission and Distribution (O&M)	\$765,700	\$1,164,100	(\$398,400)
General Administration	\$2,093,000	\$2,650,700	(\$557,700)
Other Expenses	\$2,338,000	\$2,884,400	(\$546,400)
<b>TOTAL EXPENSES</b>	<b>\$5,196,700</b>	<b>\$6,699,200</b>	<b>(\$1,502,500)</b>

# Preliminary Financial Report

Comparison of Actual Revenue vs. Actual Expense

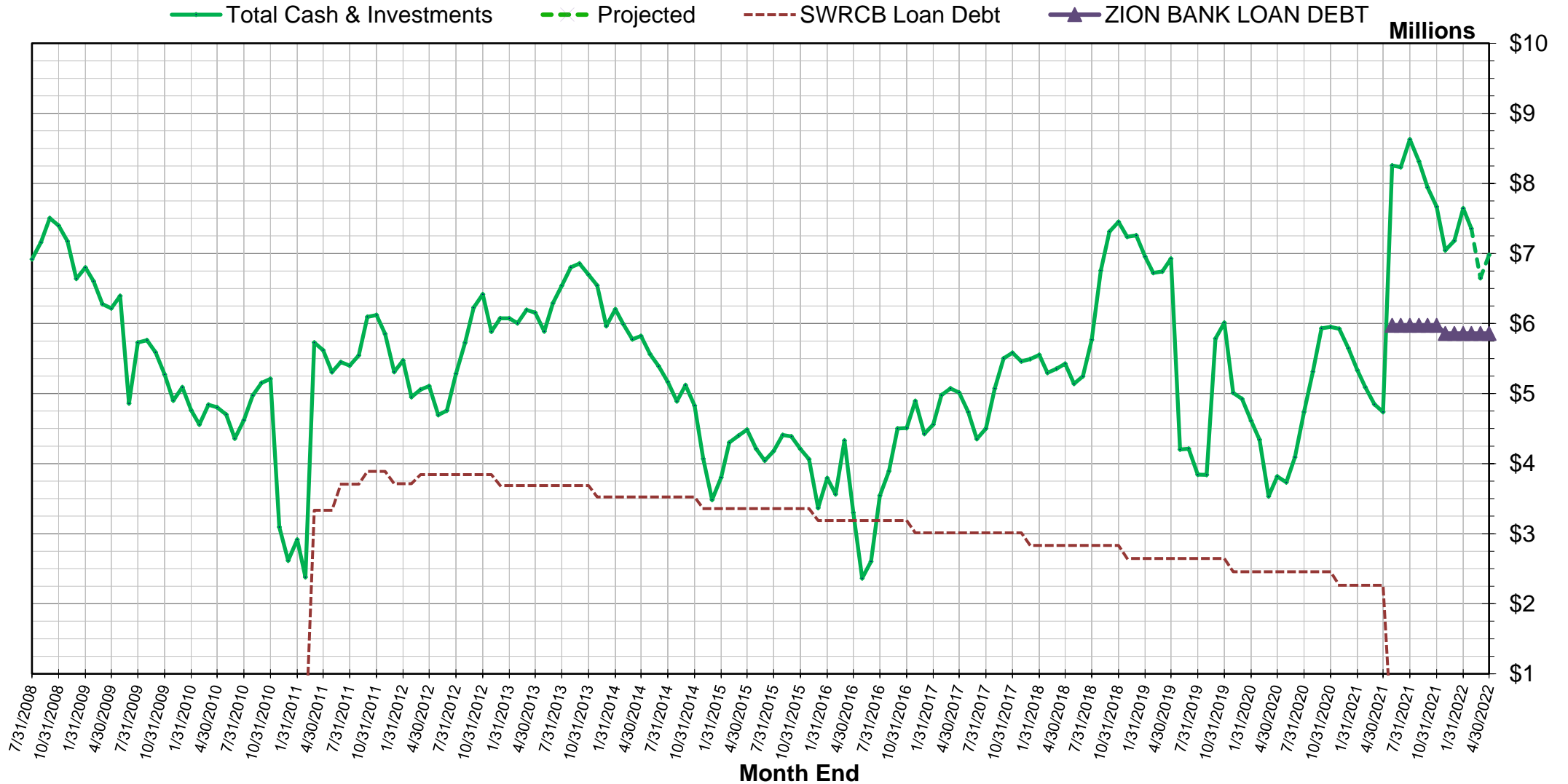
Original Budget  
\$3.7 / \$6.7





# Financial Report Summary

## Cash History



# Finance Committee Meeting Report

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February 23, 2022

# LWA Alternative Funding Assessment

- Identification and implementation of a new revenue source to augment the District's current funding structure
- Adam Riley (Project Manager) with Seth Wurzel (Principal) and Scott Brown (Principal)
- Phase 1 (\$45,000)
  - Define the problem: fiscal and physical sustainability
  - Identify possible opportunities for generating new revenues
  - Evaluate and screen options
  - Test feasibility of options against legal limitations and practicable implementation
  - Develop recommended actions and SOW for District approved recommendation
- Phase 2 (TBD)

# LWA Schedule – Phase 1

- Task 1.1
  - **Kickoff Meeting** to review goals, criteria, and parameters: 3/3
  - Research and beneficiary identification – end of March
  - **Meeting 2:** 3/14 or 3/28
  - **TM Prep – draft to District by 4/22**
- Task 1.2
  - Research options / coordinate with YSGA (3-4 weeks): 5/18 (1 Meeting)
  - Evaluate options and coordinate with District – end of May (1 Meeting)
  - **TM Update – draft to District by 6/17**
- Task 1.3
  - Develop recommendations / coordinate / develop preliminary recommendations (2 Meetings): 6/30
  - Meeting to review recommendations – end of June
  - **TM Update Final – draft to District by 7/15**

**\*\* Schedule dependent on timeliness of coordination among all parties, expectations from District staff on the coordination element of work, and the information exchange process.**

# Phase 2 Implementation

- Expected to take 6-8 months
- LWA's Scope of Work to be developed based on District supported recommended actions identified in Phase 1
  - In Phase 1, the Board will define the External Committee (members/roles, etc.) for assisting with the evaluation process
- In Phase 2, the Board will utilize the External Committee to evaluate the preferred alternative
  - Outreach and Public Engagement Campaign with the Community as a whole
- Direct Bill to Customers versus Property Tax Collection
  - Proposition 218 Considerations (Water Exemption does not require ballot proceeding) – increase current structure, standby/water availability charge, maintenance fees, etc.
  - Secured Property Tax Roll Collection (for collection on FY 22/23 property tax bills needs to be completed by 8/2022)

**\*\* Schedule dependent on timeliness of coordination among all parties, expectations from District staff on the coordination element of work, and the information exchange process.**

# Drought-Related Issues

- Communications
  - Letters/emails to water customers
  - WRA TC / WRA TC Ad Hoc Drought Task Force
  - YSGA Drought Contingency Planning Committee
  - Yolo County Board of Supervisors
- Wheeling Groundwater
- IVR – min. flow releases & Spring Valley CSA needs
- FY 22/23 Budget Considerations
  - Anticipated Activities
  - Budget Scenarios

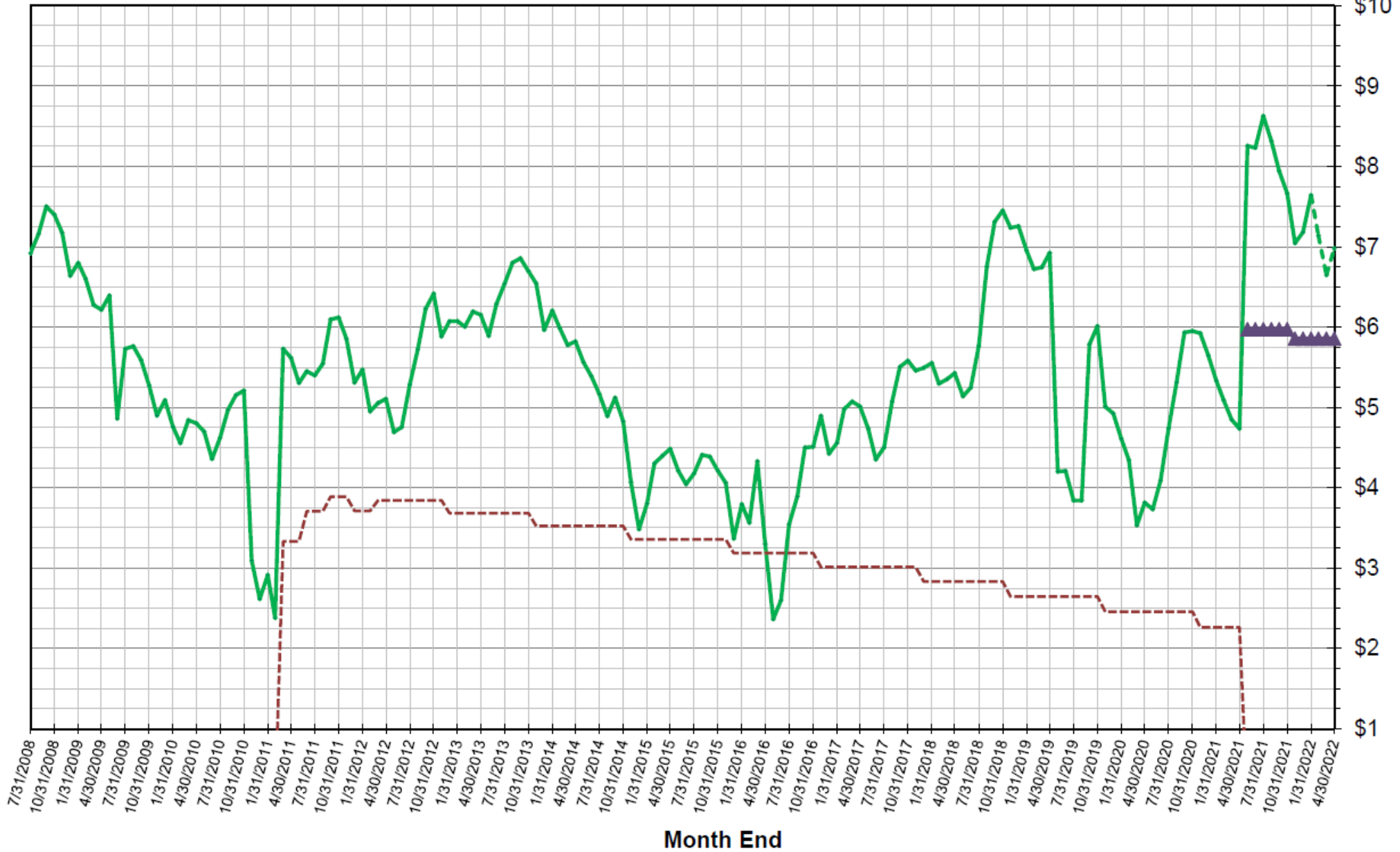
# FY 22/23 Anticipated Activities

- Shared Services – CSDs/Wild Wings CSA, CCC/RCD, City of Woodland, Yolo County, Solano RCD
- Private Jobs – farmers/landowners
- Regular Maintenance of Canal System / Wheeling Oversight
- GW Management – YSGA's GSP implementation, funding solicitations, groundwater measurements, drought coordination and dry well response
- IVR Regulatory Programs/Projects
  - Cybersecurity Compliance
  - FERC Part12D Projects
  - Spillway Condition Assessment
- Annual Water Right Reporting
  - Administration of M&I water customers
  - SB 88 / SBX7-7 Compliance

# Projected Cash History

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

Millions





# FY 22/23 Budget Scenarios

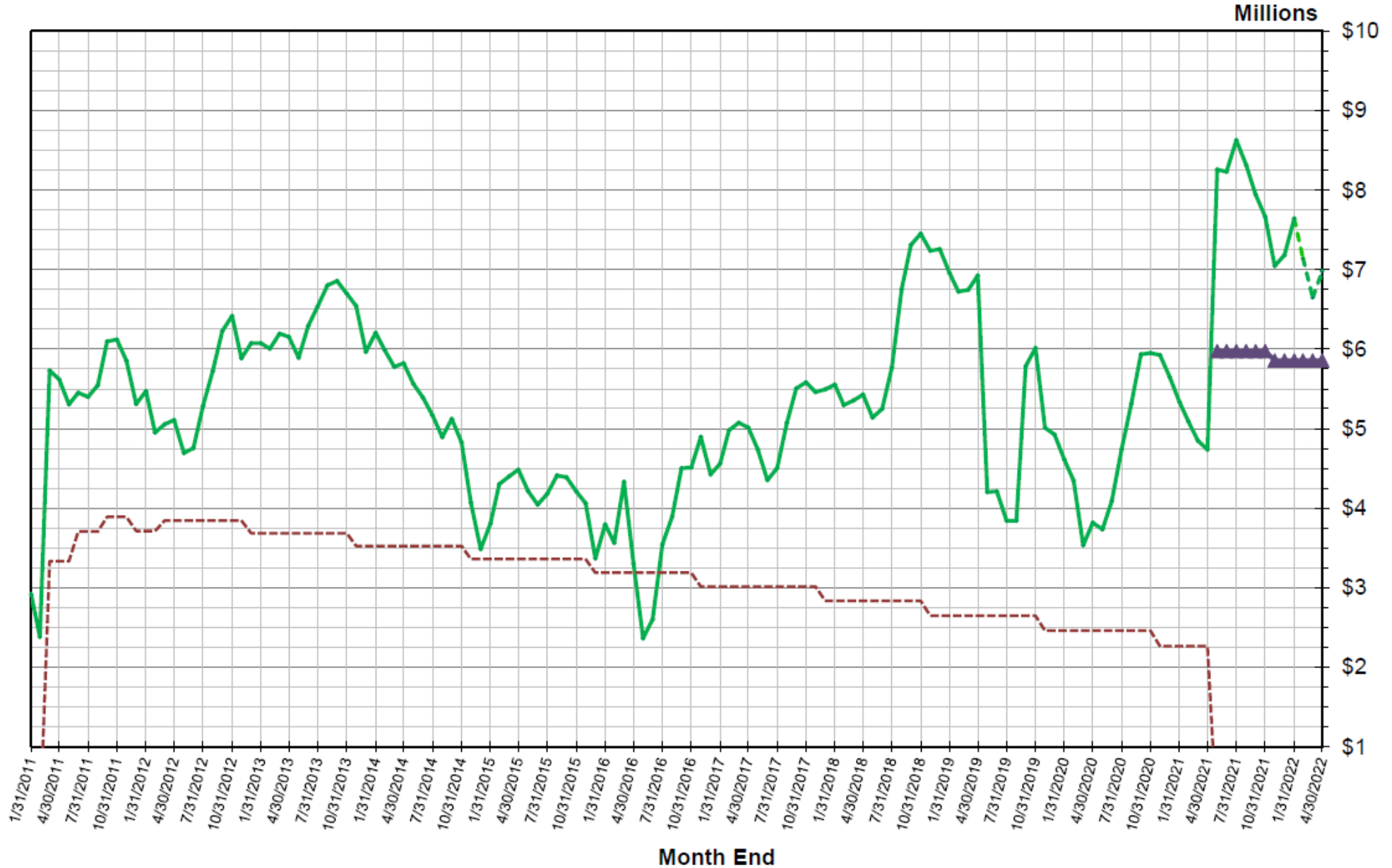
- Projected beginning cash and investments = \$6.97M
- No Water – expect \$3.9M budget deficit if no expense cuts
- Reduce expenses and incorporate additional shared services to close the gap
- Consider Infrastructure Funds Policy (\$3.61M)

# Infrastructure Funds (\$3.61M) - Policy

- Capital Improvement Prioritization Worksheet – optimal Projects will be selected for utilizing Infrastructure Funds
- “Dry Day Fund” – multiple drought years or emergency, exception to use funds on general District operations
  - If there is a plan to recover and repay these funds
- Leverage State/Federal Financing Opportunities – use funds as cost share

# Cash History

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



# Plan to Recover Infrastructure Funds & Stabilize District Finances

- Implementation of LWA Assessment / Recommendation – Implementation in Fiscal Year 23/24
  - Prop. 218 Process
  - Property Tax Collection
- Public-Private-Partnership Financing Opportunity (American Rivers)
- Assemblymember Aguiar-Curry's Office

# Other Items & Next Steps

- JTN Energy – investigating PPA with higher payment
- Grant solicitations – Advisor/Consultant to help us “find money”
- Framework for annual performance evaluations
  
- Special Board Meeting – Drought Update + Budget Review
  - Week of March 14<sup>th</sup>?
- Finance Committee Meetings in April
- Budget Adoption @ May 3, 2022 Board Meeting

# Capital Improvement Program

# Planning for Capital Jobs

A scenic view of rolling hills and a river with a dam in the foreground. The hills are covered in green grass and some trees. The river flows through the valley, and a concrete dam is visible in the distance. The sky is clear and blue.

## Capay Dam Alternatives Assessment

- Reliable, cost-effective solution with same operational flexibility
- Proposals for Replacement Alternatives Analysis (2/3 received)
- Quotes from HTE Engineering and Obermeyer for Cost of Installation of Replacement Bladder
- Review Proposals with Infrastructure Committee in March 2022

## Hungry Hollow Canal – Pipeline Extension Project

# General Activities (February 2-March 1)

## **PROJECTS:**

- **Capital Projects – primarily planning for implementation of USBR grant projects**
- **Budget Planning – shared services opportunities**
- **Employee Performance Evaluation Process and Job Descriptions**
- **Maintenance on Canal System and Various Private Jobs**
- **Water Rights – Appropriator Reporting and Long-Term Permitting for Groundwater Recharge**
- **Drought Assistance – Dry well checks (Contract with Yolo County OES)**
- **Office Refresh**
- **YSGA - GSP Grant Management; Groundwater Monitoring Program Improvements; Annual Reports; Grant Opportunities; Neighboring Subbasin Coordination; Grey Area Projects and Outreach**
- **Water Contract Amendment Templates – CLOCWD and Golden State Water Co.**
- **Grant Opportunities – Review of Solicitation Packages**
- **IVR Cybersecurity Program**
- **Voluntary Agreement Process/Dry Year Scenario Planning**
- **Weed Management (MERCOSA, NDM and Wild Wings CSAs, Madison and Knights Landing CSDs)**
- **Wild Wings CSA and Madison/Knights Landing/Cacheville CSDs Groundwater Assistance and Drought Contingency Planning**
- **Encroachment Permits, Easement Research, Misc. Water Rights Investigations**



# **YSGA UPDATE**

# YSGA 2022 Q1 Activities

- Prepare Annual Reports for 2018-2021
- Spring Groundwater Measurements – 3/2-3/4
- Identify Grant Opportunities – *Grant Writer*
- WRA TC Ad Hoc Drought Task Force Meetings (SB 552: Drought/Water Shortage Planning)
- FY 2021 Audit Preparation
- Ad Hoc Drought Contingency Planning Committee Meeting – *Communications Plan*
  - Local planning strategies; MA for drought conditions; coordination with Yolo County
- Working Group Meeting on 3/2
- WRA/YSGA Board Meeting on 3/21
- GSP Implementation – *Special Projects Advisor*
  - Management Area Advisory Committees
  - Reconsideration of Voting and Fees
  - WRA Merger into YSGA
- Hungry Hollow Area Community – Subcommittee Meeting on 3/10



# General Activities (February 2 – March 1)

## OUTREACH:

1. WRA TC Ad Hoc Drought Task Force Meeting (February 2)
2. WRA Technical Committee meeting (February 3)
3. YSGA: Meeting with Capay Valley Regeneration Committee (Feb. 4)
4. Lions Club Woodland Cabinet Annual Meeting (February 5)
5. Meeting with CLOCWD to Discuss Long-Term Agreement (February 7)
6. NCWA Bay-Delta Task Force Meeting (February 7)
7. NCWA's DWR Update on Subsidence, Westside of Sac. Valley (Feb. 7)
8. NCWA's North State Drinking Water Solutions Network (February 9)
9. Yolo County Financial Oversight Committee Meeting (February 10)
10. YSGA: Hungry Hollow Area Community Meeting – Good Humus Farm Tour (February 10)
11. WRA/YSGA Executive Committees Meetings (February 15)
12. NCWA Water Coordination Task Force Meetings (Feb. 15 and March 1)
13. California Water Data Consortium Meeting (February 17)
14. Yolo County Board of Supervisors Meeting – Drought Update (Feb. 22)
15. ACWA Region 4 Board of Directors Meeting (February 23)
16. Meeting with Yolo County to Discuss Shared Services Opportunities (Feb. 28)
17. California Irrigation Institute Conference (February 28-March 1)

# Upcoming Meetings & Events

1. YSGA Working Group Meeting ([March 3](#))
2. Assessment and Alternatives Analysis for Reducing Flooding on Highway 16 ([March 3](#))
3. NCWA Annual Meeting ([March 4 & 11](#))
4. NCWA Bay-Delta Task Force Meeting ([March 7](#))
5. Meeting with State Water Board to Discuss Winter Water Right Permit ([March 9](#))
6. North Yolo – South Colusa Recharge Meeting ([March 10](#))
7. YSGA: Hungry Hollow Area Community – Groundwater Subcommittee Meeting ([March 10](#))
8. WRA/YSGA Executive Committees' Meetings ([March 14](#))
9. NCWA Groundwater Task Force Meeting ([March 14](#))
10. NCWA Coordination Task Force Meeting ([March 15](#))
11. YSGA: Colusa Drain MWC Annual Board Meeting ([March 16](#))
12. NCWA Water Managers' Meeting ([March 18](#))
13. WRA Technical Committee Ad Hoc Drought Task Force Meeting ([March 18](#))
14. WRA/YSGA Board of Directors' Meetings ([March 21](#))
15. Yolo County Board of Supervisors Meeting – Drought Update ([March 22](#))
16. California Water Data Consortium Meeting ([March 22](#))
17. Jeanette Wrynski's Retirement Party ([March 24](#))
18. WRA Technical Committee Meeting ([April 7](#))
19. ACWA 2022 Spring Conference ([May 3-6](#))

# 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 #60935-60945)





Agenda Item #11

Adjourn