



## REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway  
Bakersfield, California

**TUESDAY, January 16, 2024**

### AGENDA

#### **CALL TO ORDER AND ANNOUNCEMENT OF QUORUM**

**12:00PM**

#### **CLOSED SESSION:**

- A.** Conference with Legal Counsel – Existing Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(1):
1. SWRCB Kern River.
  2. Rosedale Rio Bravo Water Storage District, et al. v. Kern County Water Agency, et al. (CVC).
  3. Kern Delta Water District et al. v. Rosedale Rio Bravo Water Storage District, et al. (Onyx Ranch CEQA).
  4. Rosedale Rio Bravo Water Storage District v. Buena Vista Water Storage District, et al. (Onyx Ranch Water Rights).
  5. Bring Back the Kern, et al. v. City of Bakersfield, et al.
  6. Sierra Club v. California Department of Water Resources (Delta Conveyance Project Validation).
- B.** Conference with Real Property Negotiator Pursuant to Gov. Code Section 54956.8:
1. APN 189-240-60, 189-240-51, and 189-240-14
    - a. District Negotiator: Steven Teglia
    - b. Negotiating Party: Kent Stenderup
    - c. Under Negotiations: Price and Terms of Purchase.

#### **REGULAR SESSION:**

**1:00PM**

#### **INTRODUCTION OF GUESTS AND PUBLIC**

- I.** **PUBLIC COMMENT** (Members of the public may address the Board of Directors on any matter not on the agenda, but absent extraordinary circumstances, the Board may not act on such matters. Members of the public may address items of interest that are listed on the agenda prior to the Board's decision on such items.)
- II.** **CONSENT CALENDAR** (The Board will consider various non-controversial routine items and issues relating to matters which are of interest to the District. Any Board Member may request that any or all items be considered and acted upon independently of the others.)
- A. Approval of Minutes from the Regular Board Meeting of December 19, 2023.
  - B. Approval of December/January District Construction and Water Banking Project(s) Disbursements.
  - C. Approval of December/January District Disbursements.
  - D. Approval of Resolution No. 2024-01 – Consent for Temporary Water Service Contract Between the United States and Kern Delta Water District (Section 215 Water).

**III. BUSINESS AND FINANCE** (The Board will consider various items and issues relating to financial matters which are of interest to the District.)

- A. Business & Finance Committee Report – January 11, 2023.
  - i. Approval of December 2023 Preliminary Financial Reports.

B. Quarterly Investment Review.

**IV. OPERATIONS AND PROJECTS** (The Board will consider various items and issues relating to matters which have been, or will be, considered by committees of the Board and which are of interest to the District.)

- A. Operations and Projects Committee Report – January 2, 2024 (Meeting Canceled).
  - i. District Encroachment Permit Report.
  - ii. District Facility and Banking Maintenance Report.
  - iii. Pending Development Projects.
  - iv. Sunset Groundwater Banking Project Update.

**V. WATER RESOURCES REPORT** (The Board will consider various items and issues relating to the Kern River of interest to the District.)

- A. District Watermaster Report.
  - i. State Water Project – Initial 2024 SWP Allocation 10%.
  - ii. Kern River Runoff Forecast B120.

B. Kern River Watermaster Report.

C. District Groundwater Manager Report.

**VI. MANAGER'S REPORT** (The General Manager will discuss, and the Board will consider various items and issues relating to the ongoing and future operations of the District which are of interest to the Board)

- A. Verbal.
  - i. North West Kern Resource Conservation District – 2023 Annual Report.
  - ii. SGMA Update.

B. External Agency Report.

- i. Member Unit Managers' Meeting Report.

C. Water Banking Projects Report.

**VII. ATTORNEY'S REPORT** (Legal Counsel will discuss, and the Board will consider items and issues of legal interest to the District.)

- A. Verbal.
  - i. Upcoming Board Trainings.

B. Appointment of Board Officers.

**VIII. BOARD MEMBER COMMENTS** (This item provides Board Members with an opportunity to make announcements or provide general comments.)

**IX. ADJOURN**

Requests for disability related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Madelyne Rodriguez at the District Office (661-834-4656). Please attempt to make such requests known at least 24 hours before the scheduled meeting. Pursuant to Government Code section 54957.5, any materials relating to an open session item on this agenda, distributed to the Board of Directors after the distribution of the agenda packet, will be made available for public inspection at the time of distribution at the District, 501 Taft Highway, Bakersfield, CA.

# Tab II





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: January 16, 2024

**Re: Agenda Item II – Consent Calendar**

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RECOMMENDATION:

Approve items A through D listed under Agenda Item II – Consent Calendar.

DISCUSSION:

Consent Calendar items are non-controversial routine matters. Board Members may request that any or all items listed under the Consent Calendar be moved to the regular agenda to be discussed and voted on separately. Otherwise, all items will be approved through one motion and vote.

**II A.** Approval of Minutes from the Regular Board Meeting of December 19, 2023 (attached).

**II B.** Approval of December 2023/January 2024 District Construction and Water Banking Project(s) Disbursements totaling \$73,640.78\* (attached), recommended for approval by the Business and Finance Committee (*see January 11, 2024, Business and Finance Committee Minutes for additional detail*).

**II C.** Approval of December 2023/January 2024 District Disbursements (attached) recommended for approval by the Business and Finance Committee (*see January 11, 2024, Business and Finance Committee Minutes for additional detail*).

**II D.** Approval of Resolution 2024-01 – Consent for Temporary Water Service Contract Between the United States and Kern Delta Water District (Section 215 Water).

*\*The January 2, 2024 Operations and Projects Committee was canceled. Subsequently, all District Construction and Water Banking Project(s) Disbursements were reviewed and recommended for approval by the Business and Finance Committee on January 11, 2024.*



## **MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS**

December 19, 2023

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### **TUESDAY, December 19, 2023, 12:03PM– 3:14PM**

DIRECTORS PRESENT: Palla, Mendonca, Antongiovanni, Tillema, Garone, Spitzer, Fanucchi, and Kaiser.

DIRECTORS ABSENT: Borba.

STAFF PRESENT: General Manager Teglia, Assistant General Manager Bellue, General Counsel Iger, Controller Duncan, Hydrographer Hyatt, and Groundwater Manager Marquez.

OTHERS PRESENT: None.

### **CLOSED SESSION DECLARED AT 12:03PM**

President Palla called to order the Closed Session of the Kern Delta Board of Directors at 12:04PM regarding the following agenda items:

A. Conference with Legal Counsel – Existing Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(1):

1. SWRCB Kern River.
2. Rosedale Rio Bravo Water Storage District, et al. v. Kern County Water Agency, et al. (CVC).
3. Kern Delta Water District et al. v. Rosedale Rio Bravo Water Storage District et al. (Onyx Ranch CEQA).
4. Rosedale Rio Bravo Water Storage District v. Buena Vista Water Storage District, et al. (Onyx Ranch Water Rights).
5. Bring Back the Kern, et al. v. City of Bakersfield, et al.
6. Sierra Club v. California Department of Water Resources (Delta Conveyance Project Validation).

Closed Session concluded at 1:28PM.

### **REGULAR SESSION DECLARED AT 1:32PM**

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 1:32PM.

Closed Session Report: District General Counsel Iger reported the following:

Item A: No reportable action.

## **INTRODUCTION OF GUESTS AND PUBLIC**

None.

## **I. PUBLIC COMMENT**

None.

## **II. CONSENT CALENDAR**

M/S/C (Mendonca/Tillema) (yes-8, no-0): By unanimous vote, with Director Borba absent, the Board approved and authorized items II A through II C of the Consent Calendar.

- A. Approval of Minutes from the Regular Board Meeting of November 21, 2023.
- B. Approval of the November/December District Construction and Water Banking Project(s) Disbursements.
- C. Approval of the November/December District Disbursements.

## **III. BUSINESS AND FINANCE**

A. Business & Finance Committee Report – December 14, 2023: District Controller Duncan provided a report from the December Business & Finance Committee Meeting.

B(i). Approval of November 2023 Financial Reports: Mr. Duncan presented the November 2023 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and District Delinquency Report.

M/S/C (Antongiovanni/Garone (yes-8, no-0): By unanimous vote, with Director Borba absent, the Board approved the November 2023 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

## **IV. OPERATIONS AND PROJECTS**

A. - A(i-iv). Operations and Projects Committee – December 5, 2023 (Meeting Canceled): Assistant General Manager Bellue briefly reported on several items. Mr. Bellue's update included District maintenance activities, recent encroachment permit requests, pending development projects impacting District facilities, and a status update related to the Sunset Groundwater Banking project.

## **V. WATER RESOURCES REPORT**

A. - A(i-iii). District Watermaster Report: Staff reviewed and discussed the water supplies of the District for the month of November and early December. Approximately 9,813 acre-feet of water was diverted in District during November. Staff also provided information related to current precipitation totals and future forecasts.

B. - B(i). Kern River Watermaster Report: The December Kern River Watermaster Report was included in the Board packet.

C. District Groundwater Manager Report: Groundwater Manager Marquez provided graphical information regarding depth to groundwater at various monitoring locations throughout the District. In addition, Ms. Marquez provided a brief update regarding other work she is engaged in with respect to other regulatory programs such as the Irrigated Lands Regulatory Program and SGMA.

## **VI. MANAGER'S REPORT**

A(i-ii). Look Ahead & SGMA Update: Mr. Teglia provided a brief verbal report regarding the end of year schedule for Board meetings and upcoming required Board trainings. Mr. Teglia also provided a brief update regarding current SGMA activities. This included a discussion regarding basin wide coordination efforts.

B. External Agency Report: Mr. Teglia provided verbal comments supplementing a memorandum included in the Board package which provided information on the meetings and activities of various external agencies. These agencies include, but are not limited to, the Kern County Water Agency, Kern Fan Authority, Kern River Watershed Coalition Authority, Kern Groundwater Authority, Kern River Groundwater Sustainability Agency, the South Valley Water Resources Authority, the Water Association of Kern County, and the Integrated Regional Water Management Plan.

C. Water Banking Projects Report: Mr. Teglia provided verbal comments supplementing a memorandum included in the Board package which provided information on water banking project activity on the Kern Fan as well as District banking activities.

## **VII. ATTORNEY'S REPORT**

## **VIII. BOARD MEMBER COMMENTS**

## **IX. ADJOURNMENT**

There being no further business, President Palla adjourned the meeting at approximately 3:14PM.

Respectfully Submitted,



Steven Teglia, General Manager

Approved by Board,



Richard Tillema, Board Secretary

**KERN DELTA WATER BANKING PROGRAM DISBURSEMENTS  
RECOMMENDED BY THE OPERATIONS & PROJECTS COMMITTEE**

**Tuesday, January 2, 2024**

#	PAYEE	AMOUNT	CHECK
1	BVWSD 09/2023 Exchange Fees	63,726.00	3821
2	PGE - AE3 Well Utilities	64.18	3822
3	PGE - KI7 Well Utilities	67.10	3823
4	PGE - AE2 Well Utilities	67.91	3824
5	PGE - KD2 Well Utilities	74.60	3825
6	PGE - AE4 Well Utilities	390.14	3826
7	PGE - KD1 Well Utilities	46.33	3827
8	PGE - KI8 Well Utilities	70.51	3828
9	SIERRA HYDRO Progress Payment 3	8,406.48	3829
10	PGE - FR3 Well Utilities	55.69	3830
11	QUINN Switch #402	195.14	3831
12	PGE - ST1 Well Utilities	27.47	3832
13	PGE - BV3 Well Utilities	41.57	3833
14	PGE - KB3 Well Utilities	43.00	3834
15	PGE - KB4 Well Utilities	57.88	3835
16	PGE - BV4 Well Utilities	64.58	3836
17	PGE - KB1 Well Utilities	59.37	3837
18	PGE - BV2 Well Utilities	61.01	3838
19	PGE - BV5 Well Utilities	62.25	3839
20	PGE - KB6 Well Utilities	59.57	3840
<b>TOTAL</b>		<b>73,640.78</b>	

*\*The January 2nd Operations and Projects Committee was canceled, the above will be reviewed at the  
January 11th Business and Finance Committee meeting.*

□



**KERN DELTA WATER DISTRICT**  
**DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE**  
**Thursday, January 11, 2024**

**DECEMBER 2023 SUB TOTAL    \$    681,239.78**

<b># PAYEE</b>	<b>AMOUNT</b>	<b>CHECK</b>
1 CASH - 12/2023 Emp Xmas 2023	2,850.00	47037
2 CHRISTENSEN, INC. - Fuel	8,027.04	47038
3 CINTAS - Uniforms, Towels, Mats	962.88	47039
4 CORE & MAIN - Drain Crossing	11,445.93	47040
5 COX, CASTLE & NICHOLSON LLP - Professional Services	91.00	47041
6 DANIELS TIRE SERVICE - Flat Repair #328	54.47	47042
7 EL PUEBLO RESTAURANT - Lunch	1,223.22	47043
8 ELLISON, SCHNEIDER & HARRIS L.L.P. - Professional Services	34,514.75	47044
9 HOME DEPOT CREDIT SERVICES - Plugs	21.88	47045
10 JIM BURKE FORD - Filters	407.11	47046
11 KERN COUNTY PUBLIC WORKS - Dump Fees	2,905.37	47047
12 MARCOM GROUP - Website Hosting	95.00	47048
13 NORTH KERN WATER STORAGE DISTRICT - Weather Mod	10,737.95	47049
14 PACIFIC GAS & ELECTRIC - Shop	431.37	47050
15 PACIFIC GAS & ELECTRIC - Office	1,612.89	47051
16 POPS TEST ONLY SMOG - Smog Test #325	100.00	47052
17 PRINCIPAL LIFE INSURANCE - 01/01/24-01/31/24	5,264.81	47053
18 PROGRESSIVE TECHNOLOGY, INC. - Phone Service	457.29	47054
19 RELIABLE JANITORIAL - Janitorial Service	1,185.00	47055
20 SIERRA HYDROGRAPHICS - Progress Payment 3	19,615.11	47056
21 VERIZON - Cell Service	675.87	47057
22 WHITE CAP - Gloves	111.84	47058
23 AG SPRAY EQUIPMENT - Gloves	60.95	47059
24 BSE RENTS - Concrete	459.65	47060
25 CAREFREE TECHNOLOGY MANAGEMENT, LLC. - It Support	5,750.00	47061
26 CINTAS - Uniforms, Towels, Mats	481.44	47062
27 VOID - Void	-	47063
28 CROSS LANDLEVELING, INC. - Canal Cleanout - Progress Pmt 1	154,816.00	47064
29 DANIELS TIRE SERVICE - Tire #323	804.31	47065
30 ELLISON, SCHNEIDER & HARRIS L.L.P. - Professional Services	38,447.06	47066
31 FRED GARONE - Member Fees	200.00	47067
32 GRAINGER - Floodlight	1,797.22	47068
33 HERC RENTALS - Telehandler Rental	3,692.44	47069
34 HERCULES INDUSTRIES, INC. - Locks	1,281.47	47070
35 JIM BURKE FORD - Truck # 233	31,952.93	47071
36 JIM BURKE FORD - Truck # 232	31,952.93	47072
37 JOEY MENDONCA - Member Fees	100.00	47073
38 JOHN KAISER - Member Fees	200.00	47074
39 KEVIN ANTONGIOVANNI - Member Fees	200.00	47075
40 PURCHASE POWER - Postage 12/2023	2,030.00	47076
41 RICHARD TILLEMA - Member Fees	200.00	47077

42 ROBERT FANUCCHI - Member Fees	100.00	47078
43 RODNEY PALLA - Member Fees	2,500.00	47079
44 ROSS E. SPITZER - Member Fees	100.00	47080
45 TARGET SPECIALTY PRODUCTS - Dimension, Gallery	21,198.92	47081
46 TARGET SPECIALTY PRODUCTS - Sapphire	2,702.34	47082
47 WORTHINGTON PRODUCTS, INC. - Tuffbooms	20,972.53	47083
61 Payroll #26	80,655.80	Wire
62 EFT-IRS P/R #26	21,751.26	Wire
63 Edd-State P/R #26	4,469.37	Wire
64 CASDU	363.22	Wire
65 Payroll People #26	199.10	Wire
66 Lincoln Life - Retirement Program	13,444.37	Wire
67 Lincoln Life - Deferred Comp.	2,846.00	Wire
68 Empower - Deferred Comp.	1,365.00	Wire
<b>DECEMBER 2023 TOTAL</b>		<b>1,231,124.87</b>

# PAYEE	AMOUNT	CHECK
1 A1 ANSWERING SERVICE - Answering Service	599.03	47084
2 AMERICAN HYDROTECH - Lawn Maintenance	325.00	47085
3 CALIFORNIA FARM WATER COALITION - 2024 Membership	2,500.00	47086
4 CHRISTENSEN, INC. - Fuel	5,434.37	47087
5 CINTAS - Uniforms, Towels, Mats	481.44	47088
6 CROSS LANDLEVELING, INC. - Canal Cleanout - Prog. Pmt 2 & 3 (2023-09)	201,474.00	47089
7 JORONCO RENTALS - Rentals	225.50	47090
8 McMURTREY, HARTSOCK, - Professional Services	2,000.00	47091
9 NORTH WEST KERN RESOURCE CONSERVATION - 2024 Dues	4,000.00	47092
10 PACIFIC GAS & ELECTRIC - Lights	13.26	47093
11 PRICE DISPOSAL - Waste Removal	93.37	47094
12 RKL SOLUTIONS, LLC - 2024 Renewal	18,922.00	47095
13 RUBEN'S PIPELINE, INC. - Ads Pipe Install (2023-10)	49,742.00	47096
14 SPECTRUM - Internet Service	377.69	47097
15 STERICYCLE, INC. - Shred Service	125.03	47098
16 SWEEPING CORP OF AMERICA - Parking Lot Maintenance	420.00	47099
17 VERIZON CONNECT - Gps Service	438.70	47100
18 ZENITH INSURANCE COMPANY - Installment 9	7,246.00	47101
19 KCWA - SWP, Pioneer Project, Lower River Rights	2,617,907.00	Wire
20 CENTRALIZE HR - HR Services	1,895.00	Wire
21 Payroll #1	77,538.42	Wire
22 EFT-IRS P/R #1	24,821.21	Wire
23 Edd-State P/R #1	4,743.83	Wire
24 CASDU	363.22	Wire
25 Payroll People #1	622.10	Wire
26 Lincoln Life - Retirement Program	11,895.50	Wire
27 Lincoln Life - Deferred Comp.	2,892.00	Wire
28 Empower - Deferred Comp.	1,582.00	Wire
<b>JANUARY 2024 SUBTOTAL</b>		<b>3,038,677.67</b>

**KERN DELTA WATER DISTRICT**

<b>Payee</b>	<b>Reason</b>	<b>January 2024 Estimated</b>
AMAZON CAPITAL SERVICES	office supplies	450.00
BATTERY SYSTEMS	vehicle maintenance	160.00
BSE RENTS	concrete	500.00
CAREFREE TECH MANAGEMENT	IT support and security	5,750.00
CHRISTENSEN/(Amerifuel)	gas/diesel fuel	10,000.00
CINTAS	safety materials	600.00
CITIZENS CARDMEMBER SERV	misc expenses	4,000.00
COX, CASTLE & NICHOLSON LLP	professional services	500.00
DANIELS TIRE SERVICE	vehicle tires/repair	900.00
ELLISON, SCHNEIDER & HARRIS	professional services	40,000.00
EL PUEBLO RESTAURANT	board meeting lunch	1,250.00
EMPOWER	deferred comp contributions	1,365.00
HERC RENTALS	equipment rental	10,000.00
JIM BURKE	truck maintenance/repair	1,200.00
K.C. WASTE (PUBLIC WORKS)	dumping	2,275.00
KERN COUNTY PUBLIC WORKS	waste disposal	2,900.00
LINCOLN FINANCIAL	pension/deferred comp contributions	16,290.00
MARCOM GROUP	district web site support	95.00
O'REILLY AUTO PARTS	vehicle repair parts	150.00
P.G.&E.	district office utilities	2,100.00
PRINCIPAL LIFE INS.	dental/vision/life insurance premium	5,300.00
PROGRESSIVE TECH.	phones	457.29
QUINN	heavy equipment parts/repair	850.00
RELIABLE JANITORIAL	janitor service	1,185.00
SCHWEBEL PETROLEUM	oil/lubricants	300.00
SIERRA HYDROGRAPHICS	SCADA	50,000.00
SPECTRUM	internet access	378.00
TARGET	weed control chemicals	166,575.00
UNITED AG	medical insurance premium	35,000.00
VERIZON	cell phone service	675.00
		<u>361,205.29</u>

**RESOLUTION NO. 2024-01**

**RESOLUTION OF THE BOARD OF DIRECTORS OF KERN  
DELTA WATER DISTRICT CONSENTING TO SIGNING A  
CONTRACT FOR TEMPORARY WATER SERVICE BETWEEN  
THE UNITED STATES AND KERN DELTA WATER DISTRICT**

**WHEREAS**, Kern Delta Water District wishes to enter into an agreement with the United States Department of Interior Bureau of Reclamation entitled “Contract For Temporary Water Service Between The United States and Kern Delta Water District” for the purpose of purchasing water made available from the Central Valley Project pursuant to Section 215 of the Reclamation Reform Act; and

**WHEREAS**, the Kern Delta Water District is primarily located within the service area of the Central Valley Project; and

**WHEREAS**, the contract will remain in effect for the 2024 water year.

NOW THEREFORE BE IT RESOLVED, by the Board of Directors of the Kern Delta Water District, as follows:

1. Kern Delta Water District hereby consents to the above-mentioned Contract for Temporary Water Service and authorizes its President or General Manager to sign the contract on behalf of Kern Delta Water District.

ALL THE FOREGOING being on motion of Director Spitzer, second by Director Mendonca and authorized by the following vote:

AYES: Palla, Mendonca, Garone, Kaiser, Borba, Antongiovanni, Fanucchi, Tillema, Spitzer

NOES:

ABSENT:

ABSTAIN:

I HEREBY CERTIFY that the foregoing is the resolution of said District as duly passed and adopted by said Board of Directors on the 16th day of January 2024.

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**RODNEY PALLA**

President of the Board of Directors

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**RICH TILLEMA**

Secretary of the Board of Directors

Tab III





**SPECIAL BUSINESS & FINANCE COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**THURSDAY, January 11, 2024  
10:30 AM**

**A G E N D A**

- 1. Call to Order**
- 2. Public Comment Period**
- 3. Approve Minutes of December 14, 2023, Meeting of the Business & Finance Committee**
- 4. Financial Reports and Disbursements:**
  - a. Approve December 2023 and January 2024 District and Banking Project(s) Disbursements
  - b. Approve December 2023 Preliminary Financial Reports
- 5. District Controller's Report:**
  - a. Quarterly Investment Review
- 6. Committee Comments**
- 7. Adjourn**

A handwritten signature in black ink, appearing to read "Bryan Duncan", with a long horizontal line extending to the right.

**Bryan Duncan  
District Controller**

**Posted: Monday January 8, 2024  
Bakersfield, California**

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**MINUTES OF THE SPECIAL MEETING OF THE BUSINESS & FINANCE COMMITTEE**

**Thursday, January 11, 2024**

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DIRECTORS PRESENT: Antongiovanni, Tillema, Garone, and Kaiser.

OTHERS PRESENT: From KDWD: General Manager Teglia, Controller Duncan, General Counsel Iger, and Administrative Assistant Rodriguez.

**1. CALL TO ORDER**

Director Antongiovanni called the meeting to order at 10:30 A.M.

**2. PUBLIC COMMENTS**

None.

**3. APPROVAL OF PREVIOUS COMMITTEE MEETING MINUTES**

- a. **M/S/C (Tillema/Garone) (yes – 4, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on December 14, 2023, as presented.

**4. FINANCIAL REPORTS AND DISBURSEMENTS**

- a.-b. Approval of the December 2023 and January 2024 Disbursements and December 2023 Preliminary Financial Reports.

**M/S/C (Garone/Kaiser) (yes – 4, no – 0):** The Business & Finance Committee recommends the Board approve the December 2023 and January 2024 District Disbursements, the December 2023 and January 2024 Water Banking Projects' Disbursements, the anticipated January 2024 end of month Disbursements, the preliminary December 2023 District and Water Banking Projects' Financial Statements, and the December 2023 Treasurer's Reports, and Delinquency Report as presented.

**5. DISTRICT CONTROLLER'S REPORT**

- a. Staff presented the District's Quarterly Investment Review.

**6. DIRECTORS' COMMENTS**

None.

**7. ADJOURN**

Director Antongiovanni adjourned the meeting at 11:21 A.M.

Respectfully submitted,

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Kevin Antongiovanni – Chair

**Kern Delta Water District  
Balance Sheet  
As of December 31, 2023**

	<u>12/31/2023</u>	<u>11/30/2023</u>	<u>Month-to-Month Variance</u>
<b>Assets</b>			
Current Assets			
Cash & Cash Equivalents	27,193,406	25,390,202	1,803,204
Accounts Receivable	1,903,128	206,609	1,696,519
Inventory & Prepaid Expenses	464,620	468,915	(4,296)
Total Current Assets	<u>29,561,154</u>	<u>26,065,726</u>	<u>3,495,427</u>
Net Fixed Assets			
Fixed Assets			
District Structures, Rights of Way	18,077,760	18,056,788	20,973
CVC Expansion	8,776,667	8,776,668	0
Machinery & Equipment	3,614,161	3,372,218	241,942
Fixed Assets	<u>30,468,588</u>	<u>30,205,674</u>	<u>262,915</u>
Less Accumulated Depreciation	<u>(8,146,465)</u>	<u>(8,117,495)</u>	<u>(28,970)</u>
Net Fixed Assets	<u>22,322,123</u>	<u>22,088,179</u>	<u>233,945</u>
Investment in Joint Powers Authority	<u>7,922</u>	<u>7,922</u>	<u>0</u>
Investment in Banking Project	<u>9,527,537</u>	<u>9,527,537</u>	<u>0</u>
Investment in Sunset Banking Program	<u>1,615,591</u>	<u>1,615,591</u>	<u>0</u>
<b>Total Assets</b>	<b><u>63,034,327</u></b>	<b><u>59,304,955</u></b>	<b><u>3,729,372</u></b>
<b>Liabilities &amp; Equity</b>			
Current Liabilities			
Accounts Payable	387,683	313,409	74,274
Deferred Revenue	979,553	0	979,553
Other Liabilities	199,384	198,016	1,368
Total Current Liabilities	<u>1,566,620</u>	<u>511,425</u>	<u>1,055,195</u>
Long Term Liabilities			
Bonds & COP Debt	3,325,000	3,325,000	0
Bonds Premium & Costs	97,468	97,468	0
Total Long Term Liabilities	<u>3,422,468</u>	<u>3,422,467</u>	<u>0</u>
Equity From Past Years	55,884,421	55,884,422	0
Accumulated Equity - Current Year	<u>2,160,818</u>	<u>(513,359)</u>	<u>2,674,177</u>
<b>Total Liabilities &amp; Equity</b>	<b><u>63,034,327</u></b>	<b><u>59,304,955</u></b>	<b><u>3,729,372</u></b>



**Kern Delta Water District**  
**Cash Variance Analysis**  
**January 1, 2024**

**Cash Received:**

Accounts Receivable Collections	172,736
Share of Property Tax Receipts	2,818,140
Interest Received	12,471
	<u>3,003,347</u>

**Cash Disbursed:**

Disbursements for Goods and Services:

Cross Landleveling - Dredging	(154,816)
Quinn - Sloper	(94,140)
City of Bakersfield - Kern River GSA Cash Call	(90,000)
Sierra Hydrographics - SCADA	(84,194)
KCWA - Pioneer Recharge	(78,387)
City of Bakersfield - 3rd Qtr 2023 Isabella Accounting	(66,450)
Jim Burke Ford - Purchased Two New 2023 Trucks	(63,906)
Professional Services	(40,447)
Medical/Dental Monthly Insurance Premiums	(38,724)
Target/UPL - Weed Chemicals	(35,454)
Lowe's - Weir Board	(23,164)
Worthington Products - Floating Waterway Barriers	(20,973)
Diesel/Gas for Fleet	(14,030)
Progressive Tech/Carefree Tech - Cyber Security, Tech	(11,500)
Canal maintenance - Core & Main	(11,446)
NKWSD - Weather Modification - Startup WY 2024	(10,738)
Zenith Insurance - workers' comp	(7,246)
Vehicle/Equipment Maintenance	(7,109)
Other Disbursements	(57,602.53)
	<u>(910,325.48)</u>

Payrolls Paid	(256,408)
	<u>(1,166,733)</u>

<b>Positive/(Negative) Cash Variance Before FMV Adjustment</b>	<b>1,836,614</b>
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<b>FMV Adjustment to Kern County Funds</b>	<b>(33,410)</b>
--	-----------------

<b>Adjusted Positive/(Negative) Cash Variance</b>	<b>1,803,204</b>
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**Kern Delta Water District**  
**Accounts Receivable Variance Analysis**  
**December 31, 2023**

**Revenue Added to Accounts:**

Water Sales - Utility Water	32,284
District Wells Revenue	335
Seepage Revenue	171,395
Interest Receivable	654,021
Assessments - 2024 Billing	979,553
Annual Storm Drain Agreement(s)	27,693
Other Misc Revenues:	
Penalties/Interest/Adjustments	466
Other	3,508
	<hr/>
	1,869,255

**Cash Received:**

Water Payments	(112,471)
Misc Payments	(40,133)
Assessments Payments	(20,132)
	<hr/>
	(172,736)

**Interest Accrual Reversed**

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**(172,736)**

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**Net positive/(negative) variance**

<b>1,696,519</b>
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**Kern Delta Water District**  
**Inventory/Prepays Variance Analysis**  
**December 31, 2023**

**Additions to Accounts:**

Weed Control Chemicals Purchased	35,454
Prepaid Additions	12,176
	<hr/>
	47,630
	<hr/>

**Usage/Amortization:**

Chemicals Consumed During Month	(26,856)
Amortization of Prepaid Accounts	(25,069)
	<hr/>
	(51,925)
	<hr/>

<b>Net positive/(negative) variance</b>	<b>(4,296)</b>
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**Kern Delta Water District**  
**Statement of Operating Results**  
**Through the Period Ended December 31, 2023**

	<u>Current Month</u>	<u>Year to Date</u>	<u>Annual Budget</u>	<u>YTD as %age of Budget (Target is 100%)</u>	<u>Budget Remaining</u>
<b>REVENUE</b>					
State Water Sales	0	0	1,105,543	0 %	(1,105,543)
Utility Water Sales	32,284	3,792,272	3,214,296	118 %	577,976
Seepage Revenue	102,153	1,046,702	750,000	140 %	296,702
Equalization	0	9,045	9,198	98 %	(153)
Assessments	0	997,419	1,006,879	99 %	(9,460)
Share of County Property Tax	2,818,139	6,290,792	6,085,317	103 %	205,475
Interest Revenue	666,492	1,028,235	208,045	494 %	820,190
Other Revenue	101,245	295,692	250,000	118 %	45,692
Water Transfer Charges	0	845,412	835,400	101 %	10,012
Expense Reimb From Banking	0	0	150,000	0 %	(150,000)
Total Revenue	<u>3,720,313</u>	<u>14,305,569</u>	<u>13,614,678</u>	<u>105 %</u>	<u>690,891</u>
<b>EXPENDITURES</b>					
Source of Supply					
State Water Costs	0	3,444,233	3,500,000	98 %	(55,767)
Exchange Fees	0	1,400	68,850	2 %	(67,450)
Watermaster, City, Isabella	10,738	384,222	435,400	88 %	(51,178)
Grower Recharge Program Costs	0	0	0	0 %	0
Miscellaneous Source Costs	0	279,590	731,000	38 %	(451,410)
Total Source of Supply	<u>10,738</u>	<u>4,109,445</u>	<u>4,735,250</u>	<u>87 %</u>	<u>(625,806)</u>
Transmission and Distribution					
Labor	245,910	2,851,696	2,866,402	99 %	(14,706)
Employee Benefits	87,394	990,976	990,269	100 %	707
Maintenance & Repairs	465,928	1,793,327	1,484,564	121 %	308,763
Total Transmission and Distribution	<u>799,232</u>	<u>5,635,999</u>	<u>5,341,235</u>	<u>106 %</u>	<u>294,764</u>
Administrative & Other Costs					
Engineering Consultants	0	0	50,000	0 %	(50,000)
Legal Expense	520	3,121	10,000	31 %	(6,879)
Special Legal/Engineering	40,538	331,829	500,000	66 %	(168,171)
Office Operations	21,576	377,737	357,407	106 %	20,330
Insurance	15,743	192,182	173,426	111 %	18,757
Special Expenses	5,410	792,591	811,000	98 %	(18,410)
Kern River GSA & SGMA	90,000	156,784	300,000	52 %	(143,216)
Construction Expense - Peripheral	0	3,134	0	0 %	3,135
Bond Interest Expense	0	110,875	115,439	96 %	(4,565)
FMV Adjustment	33,410	(151,098)	0	0 %	(151,098)
Depreciation	28,969	582,152	0	0 %	582,152
Total Administrative & Other	<u>236,166</u>	<u>2,399,307</u>	<u>2,317,272</u>	<u>104 %</u>	<u>82,035</u>
Total Expenses	<u>1,046,136</u>	<u>12,144,751</u>	<u>12,393,757</u>	<u>98 %</u>	<u>(249,007)</u>
<b>Net Fav/(Unfav) Operating Results</b>	<u><b>2,674,177</b></u>	<u><b>2,160,818</b></u>	<u><b>1,220,921</b></u>	<u><b>177 %</b></u>	<u><b>939,897</b></u>

**KERN DELTA WATER DISTRICT**  
**Labor and Benefits Tracker**  
**2023**

<b>Actual Cost</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	<b>TOTAL 2023</b>
Wages & Salaries	226,257	208,113	237,284	229,431	254,915	236,086	244,549	249,375	235,457	245,363	238,956	245,910	2,851,696
Payroll Taxes - Employer Paid	16,995	15,642	17,829	17,241	19,182	17,742	18,379	18,183	16,342	14,675	13,562	15,787	201,559
Medical/Dental/Vision - Cost	35,169	33,071	31,935	40,637	33,904	37,111	36,641	34,991	38,744	37,592	38,967	39,191	437,953
Medical/Dental/Vision - Employee Withheld	(4,465)	(4,028)	(4,551)	(4,436)	(4,515)	(4,528)	(4,680)	(4,688)	(4,536)	(4,750)	(4,570)	(4,688)	(54,435)
Vacation Accrual - Incr/(Decr)	639	6,504	1,324	(430)	14,812	782	2,901	(11,965)	(370)	4,005	2,066	1,368	21,636
Workers' Comp Insurance	6,077	6,077	6,077	6,077	6,393	6,393	6,393	3,057	6,393	6,393	6,393	6,393	72,116
Life/LTD/AD&D	1,525	1,526	1,778	1,583	1,509	1,803	1,660	1,694	1,648	1,683	1,686	1,564	19,659
Retirement Plan	21,013	19,546	21,680	20,802	22,984	21,727	22,482	22,631	21,875	23,297	22,431	22,543	263,011
Uniforms and Other Benefits	2,040	744	1,555	1,643	2,154	3,141	1,327	2,711	3,495	3,343	2,071	5,253	29,477
Total Benefits	78,993	79,082	77,627	83,116	96,424	84,171	85,103	66,614	83,591	86,238	82,606	87,411	990,976
Total Labor and Benefits	305,250	287,195	314,911	312,547	351,339	320,257	329,652	315,989	319,048	331,601	321,562	333,321	3,842,672

<b>Budgeted Cost</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Wages & Salaries	237,051	214,857	237,877	230,422	246,721	238,199	246,139	246,139	238,199	246,139	238,357	246,302	2,866,402
Payroll Taxes - Employer Paid	-	-	-	-	-	-	-	-	-	-	-	-	-
Medical/Dental/Vision - Cost	18,134	16,436	18,197	17,627	18,874	18,222	18,830	19,393	17,963	17,080	14,865	15,357	210,978
Medical/Dental/Vision - Employee Withheld	35,945	35,945	35,945	35,945	35,945	35,945	35,945	35,945	35,945	35,945	35,945	35,945	431,340
Medical/Dental/Vision - Employee Withheld	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(62,660)
Vacation Accrual - Incr/(Decr)	-	-	-	-	-	-	-	-	-	-	-	-	-
Workers' Comp Insurance	6,078	6,078	6,078	6,078	6,382	6,382	6,382	6,382	6,382	6,382	6,382	6,382	75,368
Life/LTD/AD&D	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	18,000
Retirement Plan	22,381	20,537	23,016	22,562	24,116	23,567	24,352	25,584	24,759	25,584	24,773	25,600	286,831
Uniforms and Other Benefits	1,715	1,715	2,715	1,715	1,715	1,715	2,715	1,715	1,715	1,715	2,715	8,547	30,412
Total Benefits	80,531	76,989	82,229	80,205	83,310	82,109	84,502	85,297	83,042	82,984	80,958	88,109	990,269
Total Labor and Benefits	317,582	291,846	320,106	310,627	330,031	320,308	330,641	331,436	321,241	329,123	319,315	334,411	3,856,671

<b>Budget vs Actual Variance - Fav/(Unfav)</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Wages & Salaries	10,794	6,744	593	992	(8,194)	2,113	1,590	(3,236)	2,742	776	(599)	392	14,707
Payroll Taxes - Employer Paid	1,139	794	368	386	(308)	480	451	1,210	1,621	2,405	1,303	(430)	9,419
Medical/Dental/Vision - Cost	776	2,874	4,010	(4,692)	2,041	(1,166)	(696)	954	(2,799)	(1,647)	(3,022)	(3,246)	(6,613)
Medical/Dental/Vision - Employee Withheld	(757)	(1,194)	(671)	(786)	(707)	(694)	(542)	(534)	(686)	(472)	(652)	(534)	(8,225)
Vacation Accrual - Incr/(Decr)	(639)	(6,504)	(1,324)	430	(14,812)	(782)	(2,901)	11,965	370	(4,005)	(2,066)	(1,368)	(21,636)
Workers' Comp Insurance	1	1	1	1	(11)	(11)	(11)	3,325	(11)	(11)	(11)	(11)	3,252
Life/LTD/AD&D	(25)	(26)	(278)	(83)	(9)	(303)	(160)	(194)	(148)	(183)	(186)	(64)	(1,659)
Retirement Plan	1,368	991	1,336	1,760	1,132	1,840	1,870	2,953	2,884	2,287	2,342	3,057	23,820
Uniforms and Other Benefits	(325)	971	1,160	72	(439)	(1,426)	1,388	(996)	(1,780)	(1,628)	644	3,294	935
Total Benefits	1,538	(2,093)	4,603	(2,911)	(13,113)	(2,062)	(601)	18,683	(549)	(3,254)	(1,648)	698	(707)
Total Labor and Benefits	12,332	4,651	5,196	(1,920)	(21,307)	51	989	15,447	2,193	(2,478)	(2,247)	1,090	13,999

# KERN DELTA WATER DISTRICT

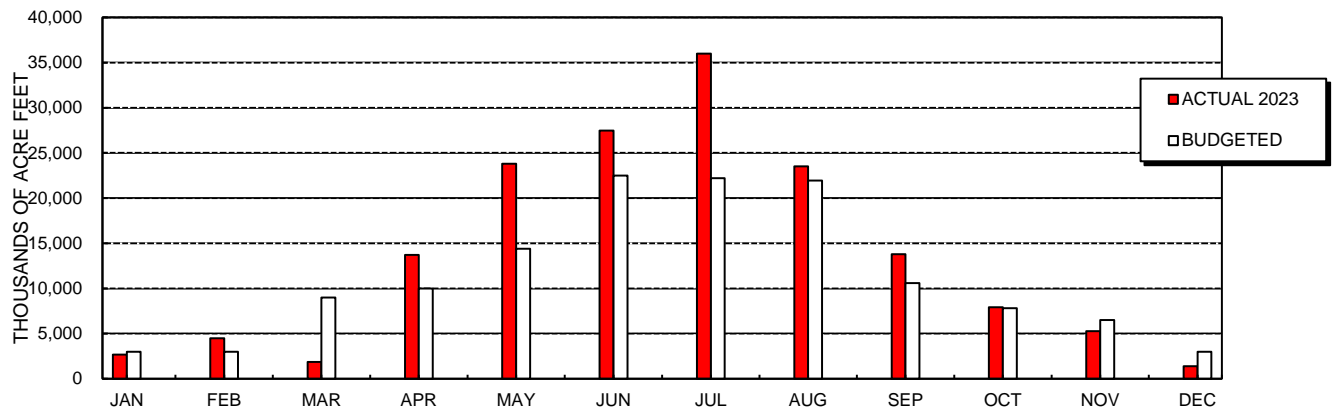
## TREASURER'S REPORT

December 2023

	2023	2022	2021	2020
Cash & Securities on hand - December 1, 2023	\$ 25,393,668	\$ 21,551,419	\$ 21,772,099	\$ 21,764,053
Add: December receipts	2,519,937	2,390,209	2,714,975	2,387,843
Less: December disbursements	(720,199)	(1,253,529)	(758,307)	(3,829,404)
<b>Cash &amp; Securities on hand - December 31, 2023</b>	<b>\$ 27,193,406</b>	<b>\$ 22,688,098</b>	<b>\$ 23,728,767</b>	<b>\$ 20,322,492</b>
<b>Petty Cash</b> \$ <b>500</b>				
<b>Citizens Business Bank</b> <b>3,105,085</b>				
<b>Kern County Treasury</b> <b>2,308,033</b>				
<b>JP Morgan Money Market</b> <b>1,092,508</b>				
<b>LPL Financial</b> <b>20,687,279</b>				
<b>\$ 27,193,406</b>				
<b>Restricted Reserves:</b>				
Restricted Reserve Fund - Water Resources Manager	\$ (235,000)	\$ (300,000)	\$ (300,000)	\$ (300,000)
<b>Unrestricted Reserves:</b>				
Pipeline Maintenance	(311,912)	(216,912)	(213,845)	(213,845)
Water Rights Protection & Litigation Reserve	(3,408,358)	(3,168,358)	(2,718,358)	(3,003,655)
2015-A COP Reserve Fund	(3,325,000)	(3,565,000)	(4,015,000)	(4,015,000)
Operating Reserve	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)
Capital Reserve	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)
Groundwater Program Reserve	(3,500,000)	(3,500,000)	(3,500,000)	(3,500,000)
<b>Total Reserves</b>	<b>\$ (17,780,271)</b>	<b>\$ (17,750,270)</b>	<b>\$ (17,747,203)</b>	<b>\$ (18,032,500)</b>
<b>Cash Available - December 31, 2023</b>	<b>\$ 9,413,135</b>	<b>\$ 4,937,828</b>	<b>\$ 5,981,565</b>	<b>\$ 2,289,992</b>

**Kern Delta Water District  
Monthly Water Sales Volume  
in Acre Feet**

	2022	2023										
	Actual (Accum- ulated)	Budgeted		Actual								
		Monthly	(Accum- ulated)	Monthly				Accumulated				% of Budget
				Utility	State	Contracts	Total	Utility	State	Contracts	Total	
JAN	1,617	3,000	3,000	2,560	0	112	2,672	2,560	0	112	2,672	89%
FEB	6,341	3,000	6,000	4,178	0	298	4,477	6,738	0	411	7,149	119%
MAR	13,072	9,000	15,000	1,727	0	146	1,873	8,465	0	557	9,022	60%
APR	21,034	10,000	25,000	13,584	0	119	13,703	22,049	0	676	22,725	91%
MAY	33,412	14,400	39,400	23,259	0	554	23,814	45,308	0	1,230	46,539	118%
JUN	44,588	22,500	61,900	27,010	0	458	27,468	72,318	0	1,689	74,007	120%
JUL	53,801	22,200	84,100	35,511	0	475	35,986	107,829	0	2,164	109,993	131%
AUG	60,468	21,929	106,029	23,052	0	475	23,527	130,881	0	2,639	133,520	126%
SEP	66,341	10,600	116,629	13,382	0	414	13,796	144,263	0	3,053	147,316	126%
OCT	67,924	7,800	124,429	7,783	0	135	7,918	152,046	0	3,188	155,234	125%
NOV	69,652	6,500	130,929	5,216	0	58	5,274	157,262	0	3,246	160,508	123%
DEC	70,429	3,000	133,929	1,345	0	32	1,377	158,607	0	3,278	161,885	121%



## KERN DELTA WATER DISTRICT

Aged Accounts Receivable

Past Due Accounts

January 16, 2024

Account	Name	0-30 Days	31-60 Days	61-90 Days	Over 90 Days	Total Past Due
732	Dosanjh, P S & Bhupinder	6,258.50	72.00	-	-	6,330.50
2362	Tesch, Greg	159.37	511.56	-	-	670.93
4126	Costa Land Co. LLC	83.15	101.58	-	-	184.73
4662	Dosanjh Brothers	978.05	-	-	-	978.05
4986	Buoni, Gino	9.51	634.33	-	-	643.84
5929	Brar, Jugroop	109.50	72.89	-	-	182.39
5977	Mike Vandborg Farms	483.47	-	-	-	483.47
	OTHER	458.63	267.32	295.20	194.08	1,215.23
		8,540.18	1,659.68	295.20	194.08	10,689.14



**Kern Delta Water Banking Project  
Balance Sheet  
As of December 31, 2023**

	<u>12/31/2023</u>	<u>11/30/2023</u>	<u>Month-to-Month Variance</u>
<b>Total Assets</b>			
Current Assets			
Cash & Cash Equivalents	5,652,549	5,915,858	(263,310)
Interest Receivable	36,824	0	36,824
Other Receivables	1,421,197	0	1,421,197
Inventory and Prepaids	226,180	44,957	181,223
Total Current Assets	<u>7,336,749</u>	<u>5,960,815</u>	<u>1,375,934</u>
Fixed Assets			
All Structures	64,704,311	64,668,228	36,083
Machinery and Equipment	598,824	598,824	0
Less Accumulated Depreciation	<u>(12,917,009)</u>	<u>(12,883,754)</u>	<u>(33,255)</u>
Fixed Assets Net of Depreciation	<u>52,386,126</u>	<u>52,383,298</u>	<u>2,828</u>
Other Assets			
Investment in Sunset Banking Project	1,615,591	1,615,591	0
Total Other Assets	<u>1,615,591</u>	<u>1,615,591</u>	<u>0</u>
<b>Total Assets</b>	<b><u>61,338,466</u></b>	<b><u>59,959,704</u></b>	<b><u>1,378,762</u></b>
<b>Total Liabilities &amp; Equity</b>			
Current Liabilities			
Accounts Payable	477	0	477
Total Current Liabilities	<u>477</u>	<u>0</u>	<u>477</u>
Equity			
Capital Contributions From KDWD	9,527,537	9,527,537	0
Equity From Past Years	51,840,112	51,840,112	0
Accumulated Equity - Current Year	<u>(29,660)</u>	<u>(1,407,945)</u>	<u>1,378,285</u>
Total Equity	<u>61,337,989</u>	<u>59,959,704</u>	<u>1,378,285</u>
<b>Total Liabilities &amp; Equity</b>	<b><u>61,338,466</u></b>	<b><u>59,959,704</u></b>	<b><u>1,378,762</u></b>

**Kern Delta Water Banking Project**  
**Cash Variance Analysis**  
**December 31, 2023**

**Cash Received:**

Misc Credits	2,391
Interest Received	16,898
	<hr/>
	19,290

**Cash Disbursed:**

KCWA - CVC 1st Qtr 2024 CVC Ops & Power	(181,223)
BVWSD - Exchange Fees	(63,726)
Sierra Hydrographics - SCADA	(36,083)
Weed Control Labor by Others	(1,705)
PG&E - Well Power	(1,592)
Quinn - Equipment Maintenance	(195)
	<hr/>
	(284,524)

<b>Positive/(Negative) Cash Variance Before FMV Adjustment</b>	<b>(265,235)</b>
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<b>FMV Adjustment to Kern County Funds</b>	<b>1,925</b>
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<b>Adjusted Positive/(Negative) Cash Variance</b>	<b>(263,310)</b>
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**Kern Delta Water Banking Project  
Statement of Operating Results  
As of December 31, 2023**

	<b>Current Month</b>	<b>Year to Date</b>
<b><u>REVENUE:</u></b>		
MET Revenue	1,421,197	1,421,197
Miscellaneous Revenue	0	186,541
Interest Revenue	53,722	283,736
Total Revenue	<u>1,474,919</u>	<u>1,891,474</u>
<b><u>EXPENSES:</u></b>		
Transfer and Exchange Fees		
TRF Fees	0	12,000
Exchange Fees to BVWSD	63,726	570,000
Total Transfer and Exchange Fees	<u>63,726</u>	<u>582,000</u>
Other Costs		
Power Cost - Wells	(323)	16,159
CVC Operating Costs	0	595,179
CVC Power Costs	0	4,794
Spreading OM&R	1,900	240,384
Wells OM&R and Other	0	6,382
FMV Adjustment	(1,924)	(125,518)
Depreciation	33,254	601,755
Total Other Costs	<u>32,907</u>	<u>1,339,135</u>
Total All Expenses	<u>96,633</u>	<u>1,921,134</u>
<b>Fav/(Unfav) Operating Results</b>	<b><u>1,378,286</u></b>	<b><u>(29,660)</u></b>
Estimated MWD Revenue to be billed for 2023		<u>3,578,803</u>
Estimated Fav/(Unfav) 2023 Operating Results		<u>3,549,143</u>

**KERN DELTA WATER BANKING PROJECT**

**TREASURER'S REPORT**

**December 2023**

	2023	2022	2021	2020
Cash & Securities on hand - December 1, 2023	\$ 5,915,858	\$ 6,562,332	\$ 7,318,543	\$ 13,488,512
Add: December receipts	29,621	637,435	207,072	15,312
Less: December disbursements	(292,931)	(101,631)	(313,636)	(856,187)
<b>Cash &amp; Securities on hand - December 31, 2023</b>	<b>\$ 5,652,549</b>	<b>\$ 7,098,137</b>	<b>\$ 7,211,979</b>	<b>\$ 12,647,636</b>
<b>Citizens Business Bank</b> \$        253,127 <b>Kern County Treasury</b> 234,534 <b>JP Morgan Money Market</b> 3,914,888 <b>LPL Financial</b> 1,250,000 <b>\$ 5,652,549</b>				
Restricted Cash included in above: OM&R Spreading	\$ (219,443)	\$ (126,528)	\$ (259,281)	\$ 928,186
OM&R Extraction	(593,964)	(597,250)	(690,438)	(161,022)
OM&R CVC/Delivery Canal	-	-	-	(3,534,492)
Take/Put Fees	(2,014,124)	(3,900,399)	(2,237,601)	(5,495,169)
Total Restricted	\$ (2,827,531)	\$ (4,624,177)	\$ (3,187,320)	\$ (8,262,497)
<b>Cash Available for Construction - December 31, 2023</b>	<b>\$ 2,825,018</b>	<b>\$ 2,473,960</b>	<b>\$ 4,024,660</b>	<b>\$ 4,385,141</b>

**Sunset Water Banking Project  
Balance Sheet  
As of December 31, 2023**

	<u>12/31/2023</u>	<u>11/30/2023</u>	<u>Month-to-Month Variance</u>
<b>Assets</b>			
Current Assets			
Cash & Cash Equivalents	1,818,146	1,798,977	19,169
Total Current Assets	<u>1,818,146</u>	<u>1,798,977</u>	<u>19,169</u>
Fixed Assets			
Construction in Progress	4,729,055	4,729,054	0
Total Fixed Assets at Cost	<u>4,729,055</u>	<u>4,729,054</u>	<u>0</u>
Net Fixed Assets	<u>4,729,055</u>	<u>4,729,054</u>	<u>0</u>
<b>Total Assets</b>	<u><b>6,547,201</b></u>	<u><b>6,528,031</b></u>	<u><b>19,169</b></u>
<b>Liabilities &amp; Equity</b>			
Current Liabilities			
Accounts Payable	0	0	0
Total Current Liabilities	<u>0</u>	<u>0</u>	<u>0</u>
Equity			
Contributions to Equity - KDWD	1,627,928	1,627,928	0
Contributions to Equity - KDWBP	1,627,929	1,627,929	0
Contributions to Equity - AEWS	3,255,856	3,255,856	0
Equity From Past Years	(49,350)	(49,350)	0
Accumulated Equity - Current Year	84,838	65,668	19,169
Total Equity	<u>6,547,201</u>	<u>6,528,031</u>	<u>19,169</u>
<b>Total Liabilities &amp; Equity</b>	<u><b>6,547,201</b></u>	<u><b>6,528,031</b></u>	<u><b>19,169</b></u>

**Sunset Water Banking Project  
Statement of Operating Results  
As of December 31, 2023**

	<u>Current Month</u>	<u>Year to Date</u>
<b>Revenue</b>		
Interest Revenue	30	54,349
Miscellaneous Revenue	0	19
Total Revenue	<u>30</u>	<u>54,368</u>
<b>Expenses</b>		
FMV Adjustment	(19,139)	(30,470)
Total Expenses	<u>(19,139)</u>	<u>(30,470)</u>
<b>Fav/(Unfav) Operating Results</b>	<u><b>19,169</b></u>	<u><b>84,838</b></u>

**SUNSET BANKING PROJECT**

**TREASURER'S REPORT**

**December 2023**

	2023	2022	2021	
Cash & Securities on hand - December 1, 2023	\$ 1,798,977	\$ 1,937,567	\$ 1,897,789	
Add: December receipts	19,169	9	11	
Less: December disbursements	-	(198,134)	(400,403)	
<b>Cash &amp; Securities on hand - December 31, 2023</b>	<b>\$ 1,818,146</b>	<b>\$ 1,739,442</b>	<b>\$ 1,497,397</b>	<b>\$ -</b>
Citizens Business Bank	520,158			
Kern County Treasury	1,297,988			
<b>\$ 1,818,146</b>				
<b>Unrestricted Reserves:</b>				
None				
<b>Total Reserves</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Cash Available - December 31, 2023</b>	<b>\$ 1,818,146</b>	<b>\$ 1,739,442</b>	<b>\$ 1,497,397</b>	<b>\$ -</b>



To: Kern Delta Water District Business & Finance Committee

From: Bryan Duncan – Controller

Date: January 11, 2024

**Re: Agenda Item 5a. – Quarterly Investment Review**

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**RECOMMENDATION:**

Receive report, informational only.

**DISCUSSION:**

The Investment Policy of Kern Delta Water District requires the District's Treasurer to submit to the Board of Directors a quarterly investment report. In compliance with this directive the District Controller offers the following discussion and analysis of the District's cash and cash equivalents position and performance through the fourth and final quarter of the year ended December 31, 2023.

A comparative overview of the District's cash and cash equivalents position as of December 31, 2023, is shown in the following table:

	12/31/2023	9/30/23	6/30/23	3/31/23
LPL Financial	\$21,937,279	\$21,858,963	\$18,799,199	\$16,488,911
JP Morgan Funds	5,007,396	7,912,629	5,229,446	8,555,860
Kern County Treasury	3,840,555	2,783,059	7,828,267	3,999,843
Citizens Business Bank	3,878,870	1,029,246	1,335,559	1,144,580
Total	\$34,664,100	\$33,583,897	\$33,192,471	\$30,189,194

**LPL Financial Review:**

\$3,000,000 in US Treasuries matured early in the fourth Quarter and paid interest in the amount of \$121,590 at an annualized yield of 4.33% as expected. In October the District purchased \$3,000,000 in US Treasuries that will earn 5.05% annualized until they mature in October 2025.

The District booked accrued interest income in the amount of \$536,000 on all US Treasuries in inventory that were held throughout 2023 with maturities in 2024 and 2025. An additional \$118,000 in accrued interest earned by the Fixed Income CDs investment throughout 2023 was booked at year end. These CDs also have maturity dates in 2024 and 2025.



### **JP Morgan Funds Review:**

The Funds held at JP Morgan are in money market accounts that are 100% invested in US Treasuries. At the end of 2023 the average daily yield on these funds was 4.98%, down slightly from the previous quarter yield of 5.1%. The District continues to monitor the performance of these funds against the yields provided by the Kern County Treasury. Interest earned on these funds totaled \$94,768 for the fourth quarter. Excess cash made available in the normal course of operations is directed to the JP Morgan account as soon as possible where they earn interest at the rates noted until management is directed by the Business and Finance Committee to move them elsewhere.

**Kern County Treasury Funds:** Yields on cash reserves held at the Kern County Treasury (KCT) have improved but are still outpaced by the yields provided by the District's investments held in money market and long-term instruments. As of September 30, 2023, the annualized yield on KCT funds was 2.91% compared to 2.65% as of June 30, 2023. At the direction of the Board of Directors, staff continues to steer cash reserves away from KCT and into the higher yield money market and long-term holdings noted.

The attached "Kern Delta Water District Summary of Invested Cash Reserves" and "Kern County Treasurer's Pooled Cash Portfolio Summary" describe the nature and mix of the investments held at LPL Financial and at the KCT, respectively, as of November 30, 2023.

As of November 30, 2023, the Fair Market Value of KCT funds had increased slightly to 97.7% of Cost compared to 97.2% on August 31, 2023. The FMV of U.S. Treasuries and Federal Agencies, representing 85.3% of the entire KCT portfolio, is 97.7% and is, obviously, a key factor in the overall valuation of the portfolio. As a reminder, the FMV adjustment is a valuation disclosure required by generally accepted accounting principles and does not reflect the purchasing power of the investment. If all invested cash was liquidated from the District's accounts at Kern County, the actual cost, plus accrued interest, would be recovered and not the fair market value.

It should be noted that (1) all investment actions executed since the last report have been made in full compliance with the investment policy of the District and, (2) the District will meet its expenditure obligations for the next six months.

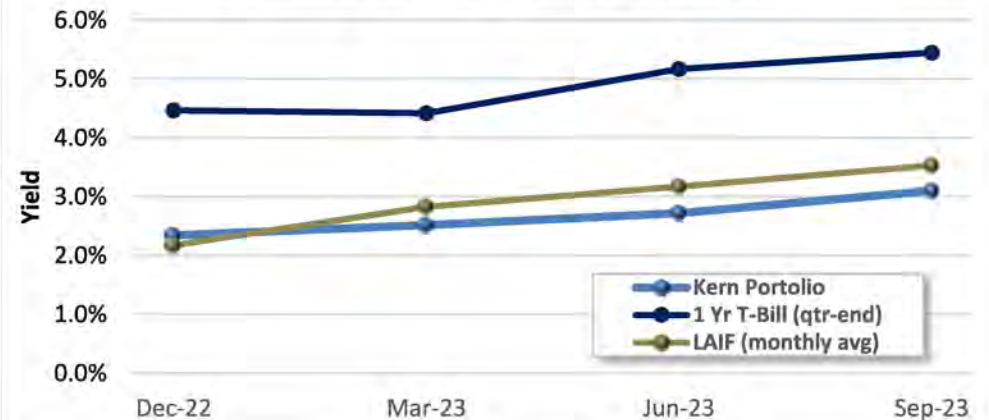


## Kern County Treasurer's Pooled Cash Portfolio Summary

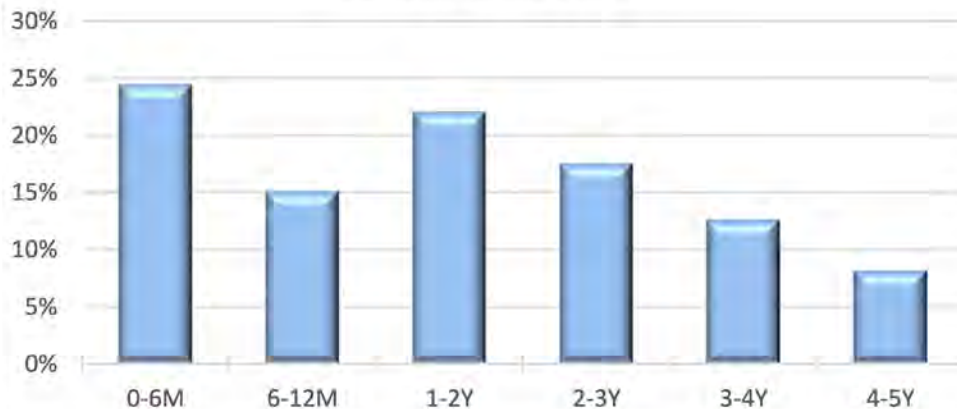
11/30/2023

<b>Total Market Value</b>	<b>\$ 6,236,167,254</b>
<b>Yield to Maturity at Cost</b>	<b>3.17%</b>
<b>Yield to Maturity at Market</b>	<b>4.99%</b>
<b>Effective Duration</b>	<b>1.68</b>
<b>Weighted Average Years to Maturity</b>	<b>1.80</b>

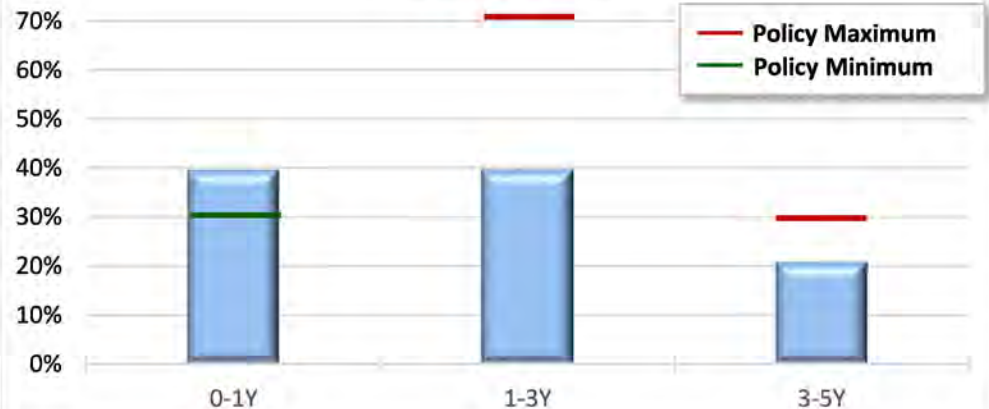
Portfolio Yield for the Trailing 4 Quarters



Maturity Distribution



Maturity Range



\*The County Treasurer believes the Treasury Investment Pool contains sufficient cash flow from liquid and maturing securities, bank deposits, and incoming cash to meet the next six months of expected expenditures.

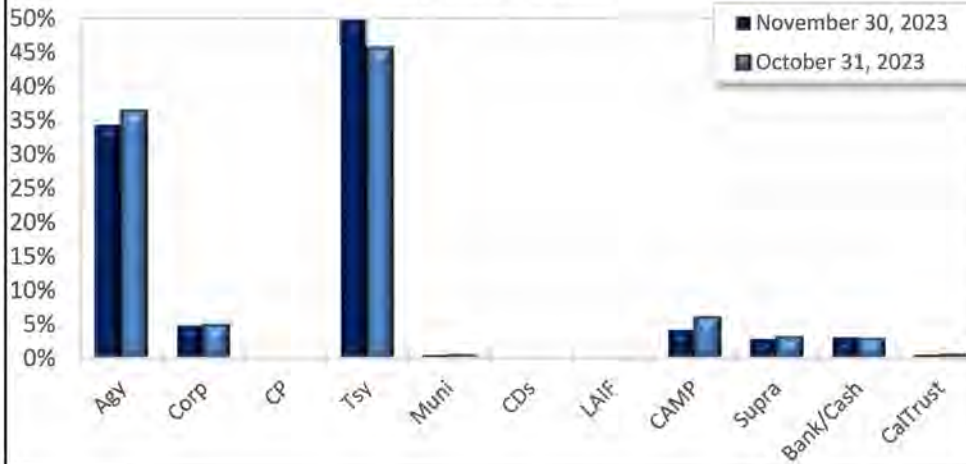


## Kern County Treasurer's Pooled Cash Portfolio Summary

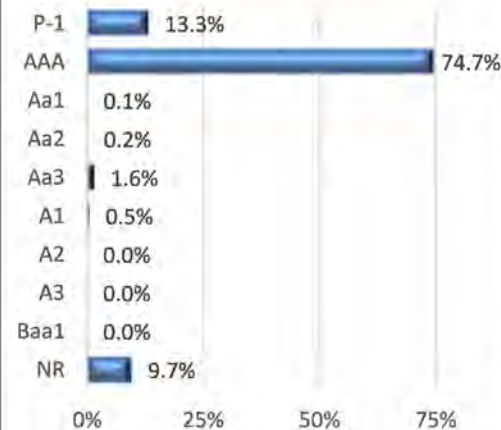
11/30/2023

Sector	Par Amount	Original Cost	Market Value	Original Yield	% of Total Assets	Policy Limit Rating	Days to Maturity
Local Agency Investment Fund	1,795,688	1,795,688	1,795,688	3.07%	0.03%	\$75 Million	1
California Asset Management Program	264,228,005	264,228,005	264,228,005	5.58%	4.24%	10%	1
CalTRUST	33,409,588	33,409,588	33,409,588	5.53%	0.54%	10%	1
Money Markets	95,562,179	95,562,179	95,562,179	5.28%	1.53%	10%	1
Bank Sweep (ICS)	10,724,136	10,724,136	10,724,136	4.34%	0.17%	10%	1
U.S. Treasuries	3,218,000,000	3,177,143,398	3,072,367,910	2.43%	49.27%	100%	787
Federal Agencies	2,228,021,000	2,191,429,750	2,172,714,779	4.08%	34.84%	75%	559
Municipal Bonds	30,000,000	30,000,000	28,316,100	0.75%	0.45%	10%	519
Supranationals	180,000,000	179,794,300	174,947,218	2.92%	2.81%	10%	1,191
Negotiable CDs	-	-	-	0.00%	0.00%	30%	0
Commercial Paper	-	-	-	0.00%	0.00%	40%	0
Corporate Notes	310,506,000	307,116,127	292,357,459	1.75%	4.69%	30%	586
<b>Total Securities</b>	<b>6,372,246,596</b>	<b>6,291,203,171</b>	<b>6,146,423,060</b>	<b>3.17%</b>	<b>98.56%</b>		<b>657</b>
<b>Total Cash</b>	<b>89,744,194</b>	<b>89,744,194</b>	<b>89,744,194</b>		<b>1.44%</b>		
<b>Total Assets</b>	<b>6,461,990,790</b>	<b>6,380,947,365</b>	<b>6,236,167,254</b>		<b>100.00%</b>		

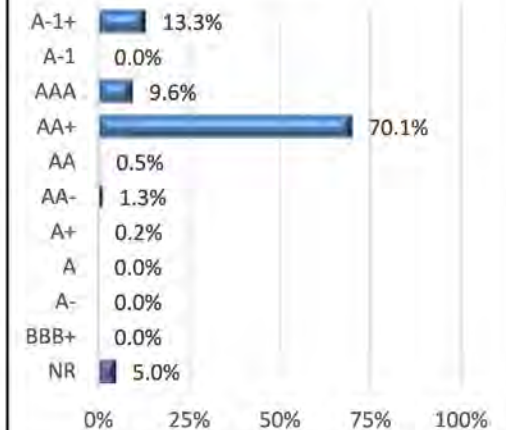
**Sector Allocations**



**Moody's Ratings**



**S&P Ratings**



**Kern Delta Water District Summary of Invested Cash Reserves  
US Treasury Investment Summary**

	Maturity Date	Quantity (Q)	Par Value (PV)	Customer Price (P)	Principal (Prin) (Q x P)	Accrued Interest (AI)	Service Charge	Net Money (NM) (Prin + AI)	Coupon Rate (CR)	Coupon Interest (Cou)	Discount Returned (Disc) (PV - Prin)	Estimated Total Yield (Y) (Cou + Disc)	YTM	Value at Maturity (Prin + EYV)
10/28/2022	1/24/2023	999	999,000	991.61	990,615.59	-	5	990,621	0.000%	-	8,384	8,384	3.511%	999,000
10/28/2022	1/26/2023	999	999,000	991.32	990,328.68	-	5	990,334	0.000%	-	8,671	8,671	3.551%	999,000
10/28/2022	7/13/2023	1,000	1,000,000	971.80	971,803.96	-	5	971,809	0.000%	-	28,196	28,196	4.105%	1,000,000
10/28/2022	8/10/2023	1,000	1,000,000	968.43	968,427.19	-	5	968,432	0.000%	-	31,573	31,573	4.161%	1,000,000
10/14/2022	9/30/2023	1,000	1,000,000	987.39	987,390.00	1,105.77	5	988,501	2.875%	27,647	12,610	40,257	4.240%	1,027,647
10/14/2022	9/30/2023	1,000	1,000,000	972.49	972,490.72	528.85	5	973,025	1.375%	13,223	27,509	40,732	4.355%	1,013,223
10/14/2022	9/30/2023	1,000	1,000,000	961.80	961,803.13	96.15	5	961,904	0.250%	2,404	38,197	40,601	4.390%	1,002,404
11/7/2022	2/15/2024	3,000	3,000,000	975.38	2,926,125.00	18,831.52	5	2,944,962	2.750%	105,103	73,875	178,978	4.801%	3,105,103
11/7/2022	4/30/2024	3,000	3,000,000	962.00	2,886,000.00	1,160.22	5	2,887,165	2.000%	88,603	114,000	202,603	4.754%	3,088,603
10/14/2022	10/15/2024	1,000	1,000,000	929.20	929,200.00	3,107.92	5	932,313	0.625%	12,106	70,800	82,906	4.606%	1,012,106
10/14/2022	10/31/2024	1,000	1,000,000	960.50	960,502.24	10,210.60	5	970,718	2.250%	44,568	39,498	84,066	4.419%	1,044,568
10/14/2022	10/31/2024	1,000	1,000,000	945.55	945,548.94	6,807.07	5	952,361	1.500%	29,712	54,451	84,163	4.494%	1,029,712
7/26/2023	1/31/2025	2,000	2,000,000	964.10	1,928,191.18	24,309.39	5	1,952,506	2.500%	76,027	71,809	147,836	4.946%	2,076,027
7/26/2023	4/15/2025	2,000	2,000,000	962.15	1,924,305.00	14,631.15	5	1,938,941	2.625%	90,369	75,695	166,064	4.993%	2,090,369
8/16/2023	7/31/2025	1,000	1,000,000	916.08	916,079.90	108.70	5	916,194	0.250%	4,850	83,920	88,770	5.067%	1,004,850
10/18/2023	10/15/2025	3,000	3,000,000	985.27	2,955,824.07	1,045.08	5	2,956,874	4.250%	253,258	44,176	297,434	5.052%	3,253,258
			17,000,000		16,371,776	80,212	45	16,452,033		704,597	628,224	1,332,820		17,704,597
								530,769						
								16,982,802						

**Fixed Income CDs Investment Summary**

Purchase Date	Maturity Date	Days to Maturity	Quantity/ Price	Service Charge	Net Amount	YTM	Expected Interest
5/23/2023	11/2/2024	529	250,000	5	250,005	4.850%	17,573
5/18/2023	11/5/2024	537	250,000	5	250,005	5.050%	18,574
5/25/2023	11/25/2024	550	250,000	5	250,005	5.100%	19,212
5/25/2023	11/25/2024	550	250,000	5	250,005	5.050%	19,024
5/26/2023	11/26/2024	550	250,000	5	250,005	5.050%	19,024
5/30/2023	11/29/2024	549	250,000	5	250,005	4.950%	18,613
5/19/2023	2/19/2025	642	250,000	5	250,005	4.850%	21,327
5/31/2023	4/30/2025	700	250,000	5	250,005	4.750%	22,774
5/19/2023	5/19/2025	731	250,000	5	250,005	4.850%	24,283
5/24/2023	5/22/2025	729	250,000	5	250,005	4.850%	24,217
5/24/2023	5/23/2025	730	250,000	5	250,005	4.850%	24,250
5/26/2023	5/26/2025	731	250,000	5	250,005	4.650%	23,282
5/24/2023	5/27/2025	734	250,000	5	250,005	4.850%	24,383
5/24/2023	5/27/2025	734	250,000	5	250,005	4.850%	24,383
5/30/2023	5/30/2025	731	250,000	5	250,005	4.950%	24,784
6/2/2023	6/2/2025	731	250,000	5	250,005	4.850%	24,283
			4,000,000				349,986

**Kern Delta Water Banking Project  
US Treasury Investment Summary**

	<b>Maturity Date</b>	<b>Quantity (Q)</b>	<b>Par Value (PV)</b>	<b>Customer Price (P)</b>	<b>Principal (Prin) (Q x P)</b>	<b>Accrued Interest (AI)</b>	<b>Service Charge</b>	<b>Net Money (NM) (Prin + AI)</b>
11/4/2022	4/13/2023	999	999,000	981.93	980,949.74	-	5	980,955
11/4/2022	4/20/2023	999	999,000	980.82	979,840.12	-	5	979,845
11/4/2022	4/27/2023	999	999,000	979.89	978,907.61	-	5	978,913

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**Fixed Income CDs Investment Summary**

<b>Purchase Date</b>	<b>Maturity Date</b>	<b>Days to Maturity</b>	<b>Quantity/ Price</b>	<b>Service Charge</b>	<b>Net Amount</b>	<b>YTM</b>	<b>Expected Interest</b>
5/31/2023	12/2/2024	551	250,000	5	250,005	5.100%	19,247
5/31/2023	12/2/2024	551	250,000	5	250,005	5.100%	19,247
5/31/2023	12/2/2024	551	250,000	5	250,005	5.100%	19,247
5/30/2023	5/30/2025	731	250,000	5	250,005	4.850%	24,283
5/31/2023	5/30/2025	730	250,000	5	250,005	4.950%	24,750

1,250,000

106,775

**KERN DELTA WATER DISTRICT**  
**Investment Income Calculator for 2023, 2024, 2025**  
**For T-Bills and CDs in inventory at 12/31/23**

**T-BILLS MATURING IN 2024**

Acquisition Date	Maturity Date	Quantity (Q)	Par Value (PV)	Customer Price (P)	Principal (Prin)	YTM	2023 Accrual Days	2023 Accrued Interest	2024 Interest Income	2024 Interest at Maturity
11/7/2022	2/15/2024	3,000	3,000,000	975.38	2,926,125.00	4.801%	365	140,488	38,490	178,978
11/7/2022	4/30/2024	3,000	3,000,000	962.00	2,886,000.00	4.754%	365	137,199	65,404	202,603
10/14/2022	10/15/2024	1,000	1,000,000	929.20	929,200.00	4.606%	365	42,802	40,104	82,906
10/14/2022	10/31/2024	1,000	1,000,000	960.50	960,502.24	4.419%	365	42,440	41,626	84,066
10/14/2022	10/31/2024	1,000	1,000,000	945.55	945,548.94	4.494%	365	42,489	41,674	84,163
								405,417	227,299	632,716

**T-BILLS MATURING IN 2025**

Acquisition Date	Maturity Date	Quantity (Q)	Par Value (PV)	Customer Price (P)	Principal (Prin)	YTM	2023 Accrual Days	2023 Accrued Interest	2024 Accrued Interest	2025 Accrual Days	2025 Interest Income	Total Interest Earned
7/26/2023	1/31/2025	2,000	2,000,000	964.10	1,928,191.18	4.946%	158	41,280	95,361	31	8,099	144,740
7/26/2023	4/15/2025	2,000	2,000,000	962.15	1,924,305.00	4.993%	158	41,591	96,080	105	27,639	165,310
8/16/2023	7/31/2025	1,000	1,000,000	916.08	916,079.90	5.067%	137	17,423	46,420	212	26,962	90,805
10/18/2023	10/15/2025	3,000	3,000,000	985.27	2,955,824.07	5.052%	74	30,275	149,331	288	117,828	297,434
								130,569	387,191		180,528	698,288

**FIXED INCOME CDs MATURING IN 2024**

Purchase Date	Maturity Date	Quantity/ Price	YTM		2023 Accrual Days	2023 Accrued Interest	2024 Interest Income	2024 Interest at Maturity
5/23/2023	11/2/2024	250,000	4.850%		222	7,375	10,198	17,573
5/18/2023	11/5/2024	250,000	5.050%		227	7,852	10,722	18,574
5/25/2023	11/25/2024	250,000	5.100%		220	7,685	11,527	19,212
5/25/2023	11/25/2024	250,000	5.050%		220	7,610	11,414	19,024
5/26/2023	11/26/2024	250,000	5.050%		219	7,575	11,449	19,024
5/30/2023	11/29/2024	250,000	4.950%		215	7,289	11,324	18,613
						45,385	66,635	112,020

**FIXED INCOME CDs MATURING IN 2025**

Purchase Date	Maturity Date	Quantity/ Price	YTM		2023 Accrual Days	2023 Accrued Interest	2024 Accrued Interest	2025 Accrual Days	2025 Interest Income	Total Interest Earned
5/19/2023	2/19/2025	250,000	4.850%		226	7,508	12,125	50	1,661	21,293
5/31/2023	4/30/2025	250,000	4.750%		214	6,962	11,875	120	3,904	22,741
5/19/2023	5/19/2025	250,000	4.850%		226	7,508	12,125	139	4,617	24,250
5/24/2023	5/22/2025	250,000	4.850%		221	7,341	12,125	142	4,717	24,184
5/24/2023	5/23/2025	250,000	4.850%		221	7,341	12,125	143	4,750	24,217
5/26/2023	5/26/2025	250,000	4.650%		219	6,975	11,625	146	4,650	23,250
5/24/2023	5/27/2025	250,000	4.850%		221	7,341	12,125	147	4,883	24,350
5/24/2023	5/27/2025	250,000	4.850%		221	7,341	12,125	147	4,883	24,350
5/30/2023	5/30/2025	250,000	4.950%		215	7,289	12,375	150	5,086	24,750
6/2/2023	6/2/2025	250,000	4.850%		212	7,042	12,125	153	5,083	24,250
						72,650	120,750		44,235	237,635

654,021    801,875    224,763



KERN DELTA WATER BANKING PROJECT  
Investment Income Calculator for 2023, 2024, 2025  
For CDs in inventory at 12/31/23

FIXED INCOME CDs MATURING IN 2024

Purchase Date	Maturity Date	Quantity/ Price	YTM		2023 Accrual Days	2023 Accrued Interest	2024 Interest Income	2024 Interest at Maturity
5/31/2023	12/2/2024	250,000	5.100%		214	7,475	11,772	19,247
5/31/2023	12/2/2024	250,000	5.100%		214	7,475	11,772	19,247
5/31/2023	12/2/2024	250,000	5.100%		214	7,475	11,772	19,247
						22,426	35,315	57,741

FIXED INCOME CDs MATURING IN 2025

Purchase Date	Maturity Date	Quantity/ Price	YTM		2023 Accrual Days	2023 Accrued Interest	2024 Accrued Interest	2025 Accrual Days	2025 Interest Income	Total Interest Earned
5/30/2023	5/30/2025	250,000	4.850%		215	7,142	12,125	150	4,983	24,250
5/31/2023	5/30/2025	250,000	4.950%		214	7,255	12,375	150	5,086	24,716
						14,398	24,500		10,068	48,966
						36,824	59,815		10,068	106,707

# Tab IV







**OPERATIONS AND PROJECTS  
COMMITTEE MEETING**

501 Taft Highway  
Bakersfield, CA

TUESDAY January 2, 2024

CANCELED

The January 2, 2024 Operations and Projects Committee Meeting has been canceled.



To: Kern Delta Water District Board of Directors

From: Daniel Deleon

Date: January 16, 2024

Re: Encroachment Permit Applications & Easement Requests

---

**DISCUSSION:**

Following are the organizations that have applied for an encroachment permit with Kern Delta Water District and a summary of their intended locations and purposes for encroaching.

**Organization: SA Camp**

Location: Stine Canal, west of Vanden Berge Dairy

Purpose: Install underground electrical service to new well

Anticipated Start Date: TBD

**Organization: Pacific Irrigation**

Location: Kern Island and East Branch

Purpose: Install temporary discharges from Cal Water wells into District canals.

Anticipated Start Date: TBD

## Maintenance Report

December 2023

1. **Structure and Turnout Repairs.** The following jobs were completed during the month.
  - a. Replaced stem on gate 138 on the Stine Canal.
  - b. Built new screen for gate 247 on the Stine.
  - c. Replaced turnout and upgraded to 24-inch on 3-20-18 on the Rim Ditch.
  - d. Installed turnout at the end of the 13-Ditch return so we can back it up.
  - e. Secured 15 Ditch head gate using all thread and mortar.
  - f. Replaced stem on Central gates 265 and 253b.
  - g. Replaced rails and stem on the 20-foot gate 135.
  - h. Inspected BV gates and weirs while waiting for Kern Island and Central to drain down.
  - i. Dredge the Kern Island from 4<sup>th</sup> Street to P Street and the Central from the split to Hwy 58 using long reach excavator. Reshaped banks and placed spoils onsite.
  - j. Used the long reach to dredge the Kern Island upstream of weir 631A; the 20-Foot from weir 532 around the bend on north bank; and the head of the Drain by the road crossing.
2. **Shop.** The following jobs were completed during the month;
  - a. Normal service and repairs on District vehicles and equipment.
  - b. Smog check trucks #325 and #211.
  - c. Replace switch on circular saw in the yard.
  - d. Install new outside light for the back yard.
  - e. Swap hydraulic hoses on the grader so controls were like they were before the new sloper was installed.
3. **District Wells.**
  - a. Monthly service and inspection of all District wells, clean well pads as needed.
  - b. Removed the wood-framed sound barrier at AE2 that was damaged from wind.
4. **Motor Grader # 403** The following canals were sloped, and roads graded;
  - a. Sloped the 13 Ditch and 18 North and South.
5. **Backhoe # 402** The following jobs were completed during the month;
  - a. Assisted trash crew on canal clean-up on Kern Island and Central through town.
6. **Backhoe # 404** The following jobs were completed this month;
  - a. Assist with turnout installation on the Rim Ditch 3-20-18.
  - b. Muck out Sec 5 ditch on Central.
  - c. Assisted trash crew on Stine Canal and 15 Ditch.
  - d. Cleaned up debris at the Branch 1 and Kern Island Basins.
7. **Backhoe # 408** The following jobs were completed this month;
  - a. Assist with 13-Ditch return box installation.

- b. Excavate sediment buildup at road crossings in Stine Canal from Ash Road to New Stine.
  - c. Removed sediment from Central Canal north of Panama Ln.
  - d. Assisted long reach in cleaning up the Kern Island Canal from 4<sup>th</sup> St to Hwy 58 by pulling up material on the east bank.
- 8. **Weed Spraying.** The following canals were sprayed during the month;
  - a. Sprayed preemergent in hard-to-reach areas throughout district to help suppress weed growth.
- 9. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
  - a. No treatments were made this month.
- 10. **Rodent Control**
  - a. Bait stations were checked and filled throughout the district and moved the nonactive stations to areas with activity.
- 11. **Trash Removal.**
  - a. Clean trash racks throughout District.
  - b. Removed trash left behind from homeless encampments.
  - c. Removed debris from the Kern Island and Central Canals through town.
- 12. **Fence Repairs.** Fences and Gates were repaired at the following locations;
  - a. Stine Canal
  - b. Central Canal- Temporarily locked the gate to the pole then reinstalled it with the hinges to the welded to the pole because vandals had removed the gate to gain access.
  - c. Eastside Canal
  - d. Kern Island Canal
  - e. Branch 1
  - f. BV Canal
  - g. Farmers Canal-
- 13. **Safety Meetings.** Weekly tailgate safety topics were;
  - a. Human Performance.
  - b. Instant Gratification and Safety.
  - c. Four Focus Items for Work Area Inspections.
  - d. It Won't Happen to Me.
  - e. New Year, New Outlook on Safety.
- 14. **Water Banking Activities.** The following jobs were completed during the month;
  - a. Removed debris from Romero, Kern Island, and Branch 1 Basins.
- 15. **Future Projects.** The following projects will be completed as time permits:
  - a. Evaluate and plan future projects.

**16. Shutdown Maintenance Projects.**

- a. Lonnie A. Cross – Dredged the Kern Island Drain and Rim Ditch from Union Ave to weir 551 using three long reach excavators.
- b. Ruben's Pipeline – Replaced crossing on the Kern Island Drain, removed sand buildup on the Branch 1 from White Lane to Hwy 99, dredged the Kern Island from La France to Ming Avenue and Planz Road to the RR tracks.
- c. Sierra Hydrographics – Installed IQ units and conduit in three piped-discharge weirs (631A, Met Backup and 551)



Project #	Status	Organization	Project	Facility	Location	Plans		Approval Process		Comments
						Received	Reviewed	EP	Board	
1	P	AEWSD	FFP Inter-tie	Eastside Canal	South of Muller Road	-	-	X	-	Notice to Proceed - 08-Jan-2024 Construction TBD Pending plans Pacific Irrigation to obtain encroachment permit No update Request denied Plans in review 34th Street complete, White Ln pending Staff yet to receive plans Waiting on pumps Zeiders Consulting selected to design project Waiting to coordinate with contractor Zeiders Consulting selected to design project 3rd submittal under review RCP testing needed. Zeiders working with McIntosh No update Plans in review Pending plans Pending plans No update Plans expected in January 2024. On going staff discussions Proposal under review
2	P	AEWSD	Overhead Power	Sunset Basins	Edison Road					
3	P	AT&T	Install fiber crossing	Central Branch Canal	Panama Lane	X	X	X	-	
4	P	Caballero	Oil pipeline crossing	Eastside Canal	South of Panama Lane			X		
5	P	Cal Water	Well Purge/Tie-In	Multiple	Multiple	-	-	-	-	
6	P	Caltrans	Pumpkin Center	Multiple	Taft Hwy	-	-	-	X	
7	P	Cornerstone	Traffic Signal	Kern Island Main Canal	East of H Street	X	X			
8	P	DeWalt	Culvert Extension	Kern Island Main Canal	South of Hosking	X	P	-	X	
9	P	HP LLC	Fiber Crossing	Multiple	Multiple	X	X	X		
10	P	KC Superintendent of Schools	Block Wall	East Branch Canal	Union Ave					
11	P	KDWD	Pumps and pipeline(s)	Sunset Basins	North of Sunset Blvd	X	X	-	X	
12	P	KDWD	Wells	Old River Basins	North of Taft Hwy	-	-	-	X	
13	P	Lane Engineers	Utility crossing	Kern Island Main Canal	North of Taft Hwy	X	X	X	-	
14	P	LAV // Pinnacle	Pipeline & Realignment	Branch One Canal	South of Taft Hwy	-	-	-	X	
15	P	McIntosh & Associates	Fencing, Road crossing	Burness Ditch	North of Taft Hwy	X				
16	P	McIntosh & Associates	Pipeline & Realignment	Branch II Canal	North of McKee	X	P	-	X	
17	P	McIntosh & Associates	Pipeline & Realignment	Branch II & Stine Canal	West of Gosford	-	-	-	X	
18	P	Memorial	Solar Project	Eastside Canal	North of 34th Street	-	-	-	X	
19	P	Panama Buena Vista USD	Pipeline & Realignment	Randall Ditch	West of Stine Road	-	-	-	X	
20	P	Panama Buena Vista USD	Realignment	Randall Ditch	East of Stine Road	-	-	-	X	
21	P	PG&E	Gas pipeline	Central Branch Canal	Southside of Ming	-	-	X		
22	P	PG&E	Ungrounding power, 34th St	Multiple	34th Street	X	X	X	-	
23	P	Porter and Associates	Culvert Extension	Central Branch Canal	North of Panama Lane				X	
24	P	WRMWSD/KDWD	5G Tie-In	Buena Vista	North of S. Lake Rd	-	-	-	-	
25	P	SA Camp	Utility crossing	Stine Canal	West of Vanden Berge Dairy		P			
26	C	Lane Engineers	Culvert Extension	Kern Island Main Canal	North of Taft Hwy	X	X	-	X	Culvert Extension completed
27	C	Power Plus!	Temp Overhead Power	Branch One Canal	South of Taft Hwy					Waiting for insurance and permit fee
28	C	Sturgeon Services Int	Access	Central Branch Canal	Pacheco Rd			X		Access to remove equipment
29	C	FIELD/KC Custom Concrete	Block Wall	Central Branch Canal	East of Union	X	X	X		Construction on going
30	C	Callballero	Long-term access request	Eastside Canal	South of Panama Lane					Discussions on going
31	C	PCL	Underground Electrical	Buena Vista	Bear Mt. Blvd			X		Waiting to coordinate with contractor
32	C	KDWD	Old River Fencing	Old River Basins	North of Taft Hwy				X	Completed 9-14-2023
33	C	McIntosh & Associates	Pipeline & Realignment	Section 31 Ditch	North of McCutchen	X	X	-	X	Phase I complete
34	C	McIntosh & Associates	Wrought Iron Fencing	Branch One Canal	East of Hwy 99	X	X	X	-	Complete
35	C	KDWD	Grading	Old River Basins	North of Taft Hwy	-	-	-	X	Complete
36	C	KDWD	13 Ditch Return Repair	13 Ditch	North of Shafter Road					Repair complete
37	C	Laurel Ag	New turnout	Eastside Canal	End of Eastside	X	X	X		
38	C	PG&E	Bridge removal	Eastside Canal	North of 30th Street	-	-	-	X	Expected to be completed by Feb 8th, 2023
39	C	Cal Water	Waterline	Kern Island Main Canal	N Street	X	X	X	-	Complete
40	C	EDP Renewables	Canal Access	Rim Ditch	Between I-5 and Ashe	-	-	-	X	Complete
41	C	KDWD	Traveling Screens	Central Branch Canal	North of AE Intake Canal	-	-	-	X	Complete
42	C	Murray Family Farms	Install sign	Rim Ditch	North of Rim Ditch	X				Complete
43	C	KDWD	Annual Engineering Report	N/A	N/A	-	-	-	-	Complete
44	C	KDWD	2021 Crop Report	N/A	N/A	-	-	-	-	Complete
45	C	PG&E	Overhead Power	Central Branch Canal	South of Panama Lane	X	X	X	-	Complete
46	C	Power Plus!	Temp Overhead Power	Central Branch Canal	Central near KD-02 Site	X	X	X	-	Installed
47	C	South Valley	Well discharge	Kern Island Main Canal	South of McKee	X	X	X	-	Purge well into canal

# Tab V



# **KERN DELTA WATER DISTRICT**

January 11, 2024

	<i>1/11/2024</i>	<i>Last Year</i>
KERN RIVER 3 DAY MEAN INFLOW	373 CFS	3,913 CFS
KERN RIVER MEAN OUTFLOW	314 CFS	301 CFS
ISABELLA RESERVOIR STORAGE	202,775 ACFT	82,812 ACFT
REQUESTED OUTFLOW	305 CFS	300 CFS

Estimated: (CFS)

<b>KDWD DAILY DIVERTED: (JANUARY 11, 2024)</b>	<b>@HEAD</b>	<b>STATE</b>	<b>XCHNG</b>	<b>BANKING</b>
KERN ISLAND	95	0	0	0
EASTSIDE	0	0	0	0
BUENA VISTA -LEVEE	0	0	0	0
STINE	0	0	0	0
OTHER - River Channel	0	0	0	0
K.I. / A.E. Exchange Gate	0	0	0	0
STINE / A.E. Exchange Gate	0	0	0	0
EASTSIDE / A.E. Intertie	0	0	0	0
<b>Total CFS</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>

Estimated: (Acre Feet)

<b>DIVERTED (DECEMBER 2023)*</b>	<b>UTILITY</b>	<b>STATE</b>	<b>PURCHASE</b>	<b>BANKING</b>
KERN ISLAND	1,730	0	0	0
EASTSIDE	0	0	0	379
C.O.B. Misc.	0	0	0	0
BUENA VISTA	0	0	0	0
STINE	0	0	0	0
FARMERS	0	0	0	0
SOUTH FORK	0	0	0	0
West Side State Sale	0	0	0	0
<b>MONTHLY TOTAL</b>	<b>1,730</b>	<b>0</b>	<b>0</b>	<b>379</b>
<b>YEAR TO DECEMBER 31, 2023</b>	<b>229,844 ACFT</b>	<b>25,508</b>	<b>17,281</b>	<b>45,657</b>

**Year to December 31, 2023 Utility - State - Banking** 318,290 ACFT*\*October, November, and December totals are estimates only due to delay on figures from the Agency*

		<i>Estimate</i>	<i>Max Storage</i>
<b>ACFT. STORAGE BALANCE AS OF:</b>	<b>12/31/2023</b>	<b>1/11/2024</b>	
KERN ISLAND	1,315	2,499	2,500
BUENA VISTA	1,014	1,285	1,500
STINE	762	1,499	1,500
FARMERS	744	1,498	1,500
STATE (23) Carryover	6,000	6,000	N/A
STATE (24) Contract	0	0	N/A
RRBWSO STORAGE	18,805	18,805	N/A
PIONEER PROJECT STORAGE (ODC)	45,938 (100,617)	45,938 (100,617)	N/A
<b>TOTAL ACFT.</b>	<b>74,578</b>	<b>77,524</b>	



K.D.W.D. CLIMATOLOGICAL OBSERVATION:

	<u>34</u>	MINIMUM TEMPERATURE	<u>32</u>
	<u>54</u>	MAXIMUM TEMPERATURE	<u>60</u>
	<u>52</u>	PRESENT TEMPERATURE	<u>37</u>
	<u>0.00</u>	PRECIPITATION - 24 HR. DAY	<u>0.45</u>
	<u>0.19</u>	PRECIPITATION - MONTH	<u>1.02</u>
Seasonal	<u>1.34</u>	YEAR TO DATE PRECIP.	<u>1.54</u> Seasonal

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

LAKE ELEVATION (FT.)	2,564.54	DECEMBER AC. FT. INFLOW	35,806
STORAGE ACFT.	202,775	DECEMBER AC. FT. OUTFLOW	40,457
GROSS STORAGE CAPACITY	568,075	ACCUMULATIVE ACFT. INFLOW (22-23)	109,016
% OF CAPACITY	36%	ACCUMULATIVE ACFT. OUTFLOW	266,402
SEASONAL STORAGE CAPACITY	255,613	% OF SEASONAL CAPACITY	79%

Summary of Utility Water Diverted Year to Date: 12/31/2023

	Utility	North Kern	Other Exchanges
January	15,340	2,000	0
February	12,500	0	0
March	12,686	5,000	0
April	27,733	2,500	0
May	31,688	5,000	0
June	28,662	0	0
July	26,337	5,500	0
August	26,291	5,000	0
September	24,071	0	0
October*	16,280	0	0
November*	6,526	0	0
December*	1,730	0	0
<b>Total</b>	<b>229,844</b>	<b>25,000</b>	<b>0</b>

Summary of Other Water Diverted Year to Date: 12/31/2023

	State	Purchase	3rd Party Banking
January	0	0	0
February	0	0	756
March	0	0	0
April	2,188	0	603
May	11,683	0	2,174
June	5,637	10,000	2,547
July	0	1,726	20,709
August	0	555	10,675
September	625	0	4,846
October*	3,588	5,000	1,468
November*	1,787	0	1,500
December*	0	0	379
<b>Total</b>	<b>25,508</b>	<b>17,281</b>	<b>45,657</b>

\*September, October, and December totals are estimates only due to delay on figures from the Agency

Water owed to K.D.W.D as of: 12/31/2023

B.V.W.S.D. 2021 State Balance*:	3,000	(1,275)
B.V.W.S.D. 2022 State Balance*:	3,000	(1,275)
2023 State Contract: Table A	25,500	
2022 Westlands Mitigation	8	

Summary of Total State Water Used Year to Date: 12/31/2023

	(OWED)	(USED)
2023 Contract	6,000	25,508
<b>Total</b>	<b>6,000</b>	<b>25,508</b>

Quantities in acft. TOTAL 31,508

Net Owed to KDWD

TOTAL 31,508

Maximum Annual State Carryover Balance: 6,000 acre feet \*Paid to KDWD this year

## **DISTRICT BANKING OPERATIONS**

Thursday, January 11, 2024

### **KERN ISLAND PROJECTS**

<b>Branch 1:</b>	-	CFS
<b>Kern Island Met:</b>	-	CFS
<b>Other:</b>	-	CFS
<b>Total:</b>	-	CFS

### **BUENA VISTA PROJECTS**

<b>BV North Basins:</b>	-	CFS
<b>Buena Vista I5:</b>	-	CFS
<b>Other:</b>	-	CFS
<b>Total:</b>	-	CFS

### **FARMERS PROJECTS**

<b>Romero:</b>	-	CFS
<b>Stonefield:</b>	-	CFS
<b>Church:</b>	-	CFS
<b>Other:</b>	-	CFS
<b>Total:</b>	-	CFS

### **EASTSIDE PROJECTS**

<b>Digiorgio:</b>	-	CFS
<b>Sunset:</b>	-	CFS*
<b>Other:</b>	-	CFS
<b>Total:</b>	-	CFS

### **STINE PROJECTS**

<b>Old River:</b>	-	CFS
<b>Bladder &amp; Triangles:</b>	-	CFS
<b>Other:</b>	-	CFS
<b>Total:</b>	-	CFS

### **BANKING SUPPLIES**

<b>KDWD Utility:</b>	-	CFS
<b>AEWSD Project:</b>	-	CFS*
<b>Other:</b>	-	CFS
<b>Total In District:</b>	-	CFS

Estimated: (Acre Feet)

				3RD PARTY	OPERATIONAL
<b>DIVERTED FOR BANKING (DECEMBER 2023)*</b>	<b>UTILITY</b>	<b>STATE</b>	<b>PURCHASE</b>	<b>BANKING</b>	<b>RECHARGE</b>
KERN ISLAND	0	0	0	0	519
EASTSIDE	0	0	0	0	113
BUENA VISTA	0	0	0	0	0
STINE	0	0	0	0	0
FARMERS	0	0	0	0	0
<b>MONTHLY TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>632</b>
<b>YEAR TO DECEMBER 31, 2023</b>	<b>43,208 ACFT</b>	<b>19,156</b>	<b>879</b>	<b>6,765</b>	<b>86,724</b>
<b>Year to December 31, 2023 All Supplies</b>	<b>156,732 ACFT</b>				

\*October, November and December totals are estimates only due to delay on figures from the Agency

### **Summary of Spreading Year to Date: 12/31/2023**

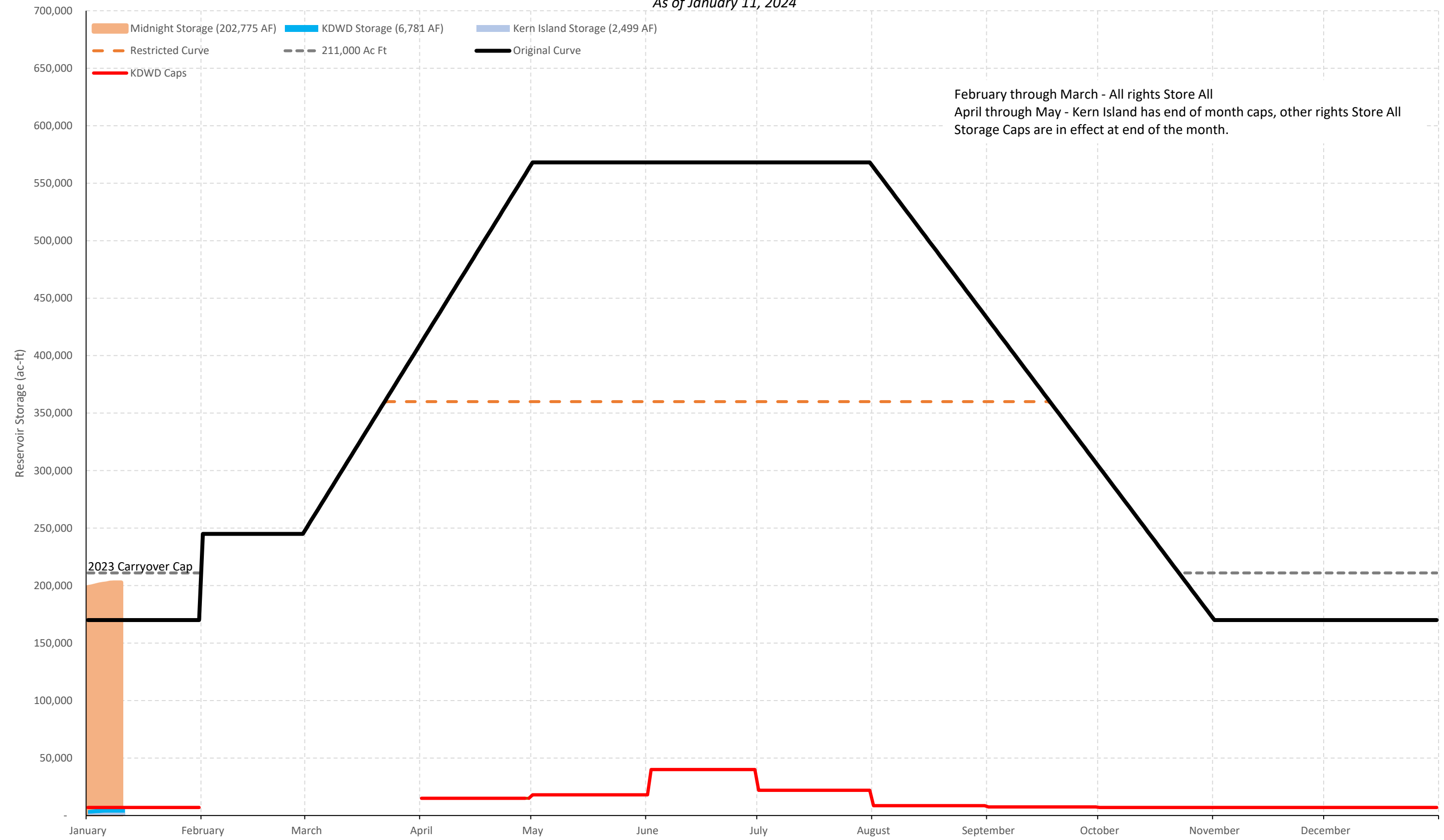
	Utility	State	Purchase	3 Pty Bk	Op. Re.
<b>January</b>	7,522	0	0	0	5,267
<b>February</b>	3,636	0	0	157	5,042
<b>March</b>	6,163	0	0	0	4,633
<b>April</b>	8,242	0	0	259	9,321
<b>May</b>	0	9,653	0	707	12,704
<b>June</b>	2,918	4,070	0	418	9,519
<b>July</b>	0	0	772	657	13,903
<b>August</b>	3,264	0	107	1,515	8,966
<b>September</b>	3,955	308	0	2,130	7,230
<b>October*</b>	6,033	3,588	0	922	7,936
<b>November*</b>	1,475	1,537	0	0	1,571
<b>December*</b>	0	0	0	0	632
<b>Total</b>	<b>43,208</b>	<b>19,156</b>	<b>879</b>	<b>6,765</b>	<b>86,724</b>

\*October, November and December totals are estimates only due to delay on figures from the Agency

### **Facility Flow Rate Quick Reference**

PROJECT	Fill (CFS)	Operational (CFS)		Acreage
		Summer	Winter	
Kern Island Met:	60	25	20	175
Branch 1:	18	18	5	75
Digiorgio:	30	15	10	70
Sunset:	TBD	TBD	TBD	140
BV North:	65	55	20	240
Buena Vista I5:	40	25	15	65
Old River:	40	30	TBD	145
Bladder & Triangles:	30	20	10	40
Romero:	45	40	15	170
Stonefield:	25	15	10	80
Church:	4	1	1	5
<b>Total</b>	<b>357</b>	<b>244</b>	<b>106</b>	<b>1205</b>

Midnight Lake Isabella Storage and Pool Restrictions  
As of January 11, 2024



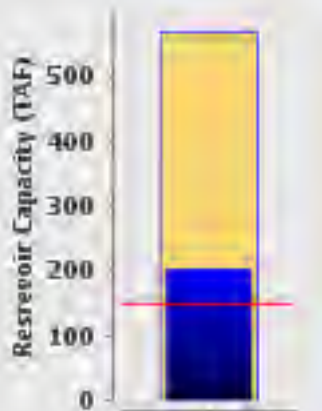


# CURRENT RESERVOIR CONDITIONS



## Isabella Lake Conditions

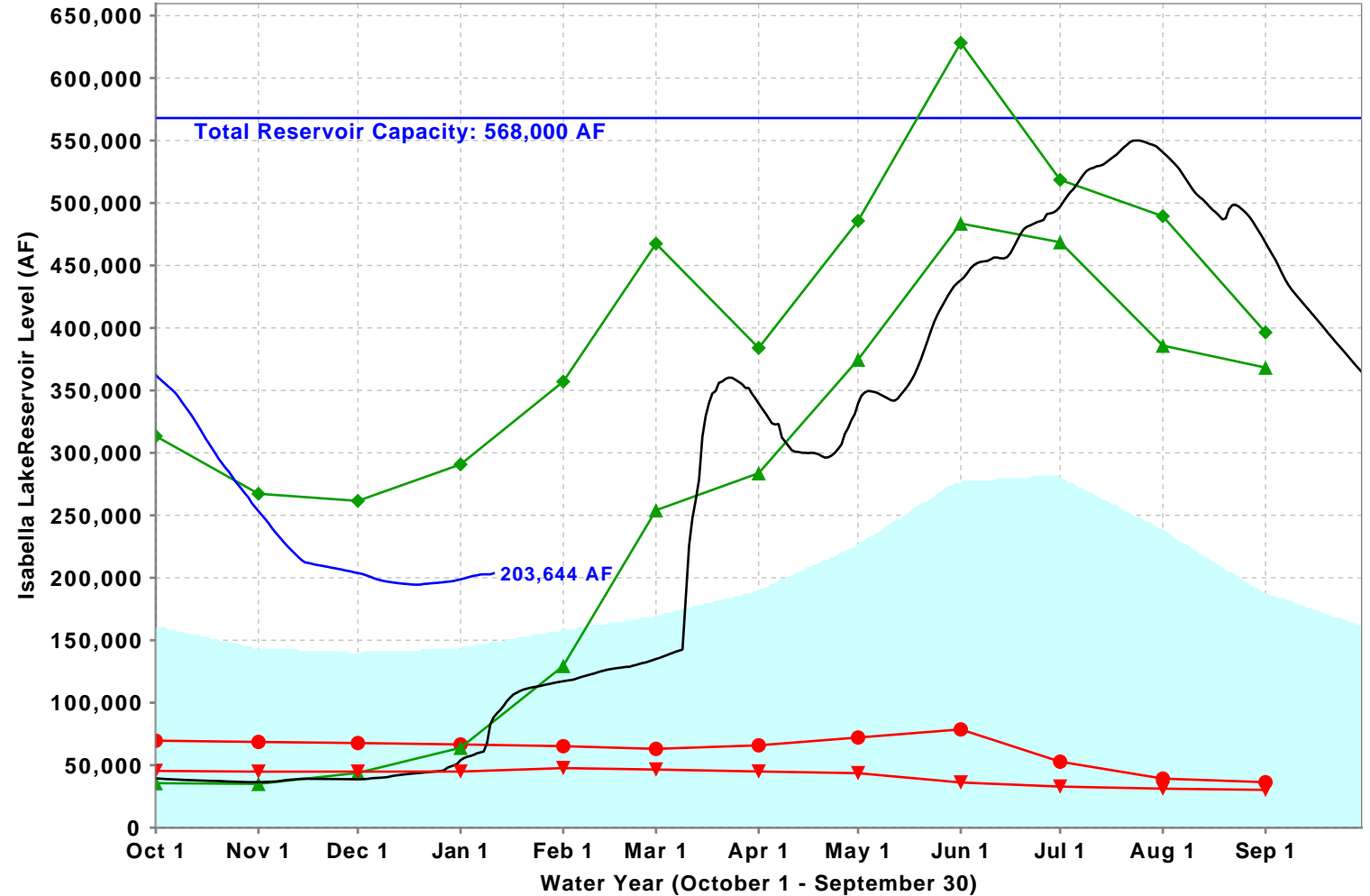
(as of Midnight - January 11, 2024)



Current Level: 203,644 AF

36% (Total Capacity) | 138% (Historical Avg.)

Isabella Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight January 11, 2024



■ Historical Average 
 — Total Reservoir Capacity 
 ● 1976-1977 
 ▲ 1977-1978 
 ◆ 1982-1983 (Wettest) 
 — 2022-2023 
 ▼ 2014-2015 (Driest) 
 — Current: 2023-2024

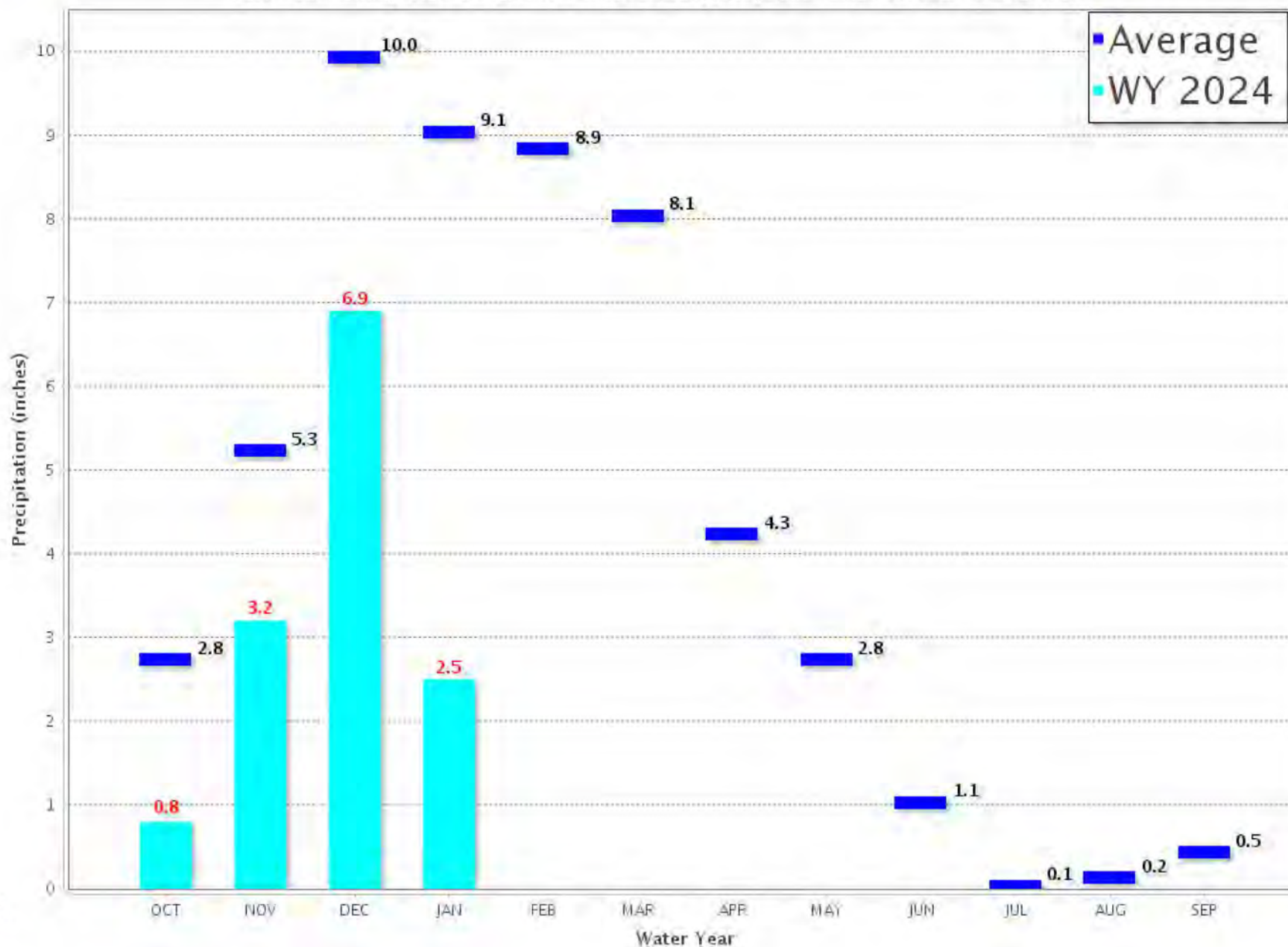


# Northern Sierra 8-Station

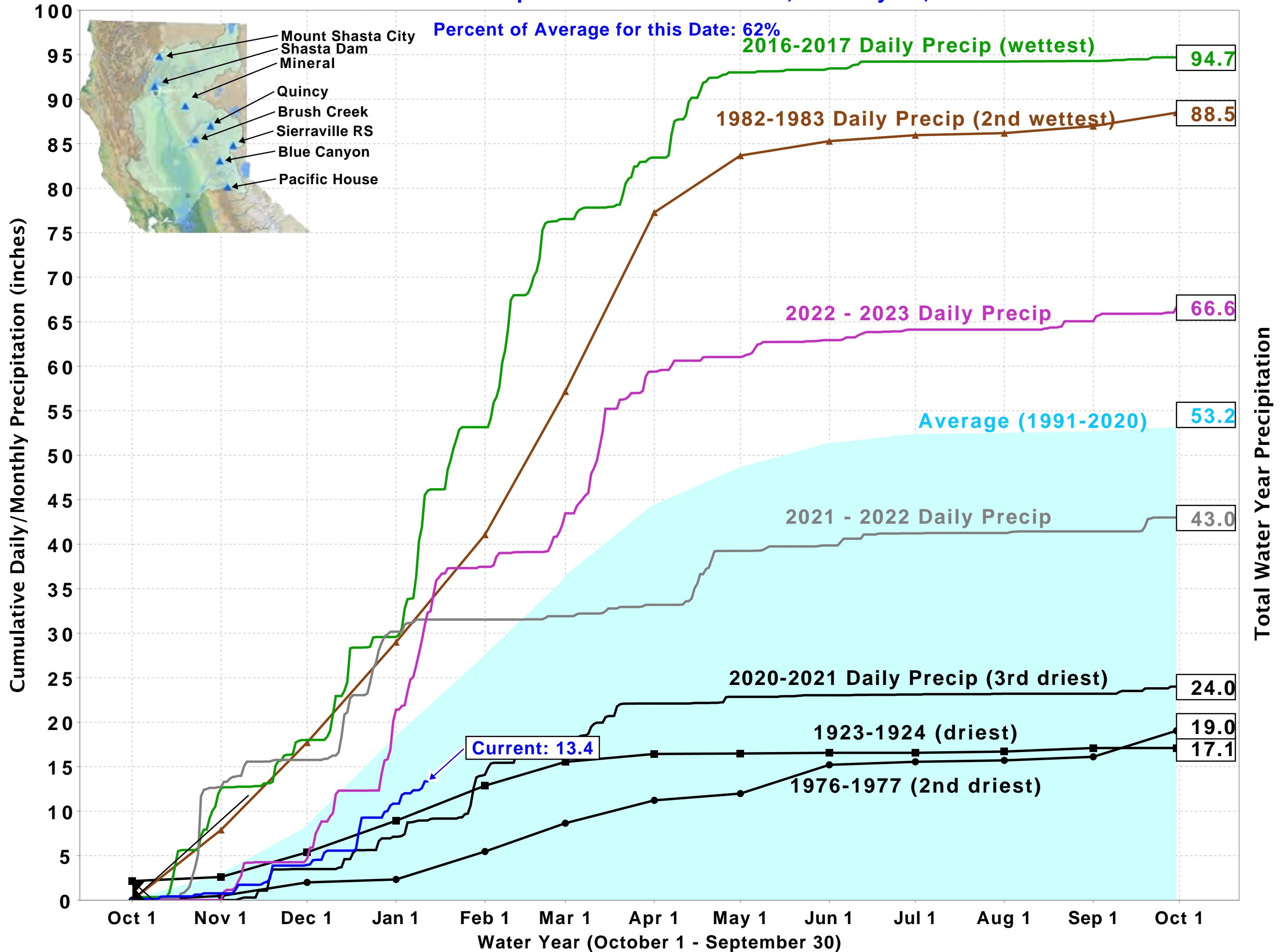
Precipitation Index for Water Year 2024 - Updated on January 12, 2024 09:48 AM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



# Northern Sierra Precipitation: 8-Station Index, January 12, 2024





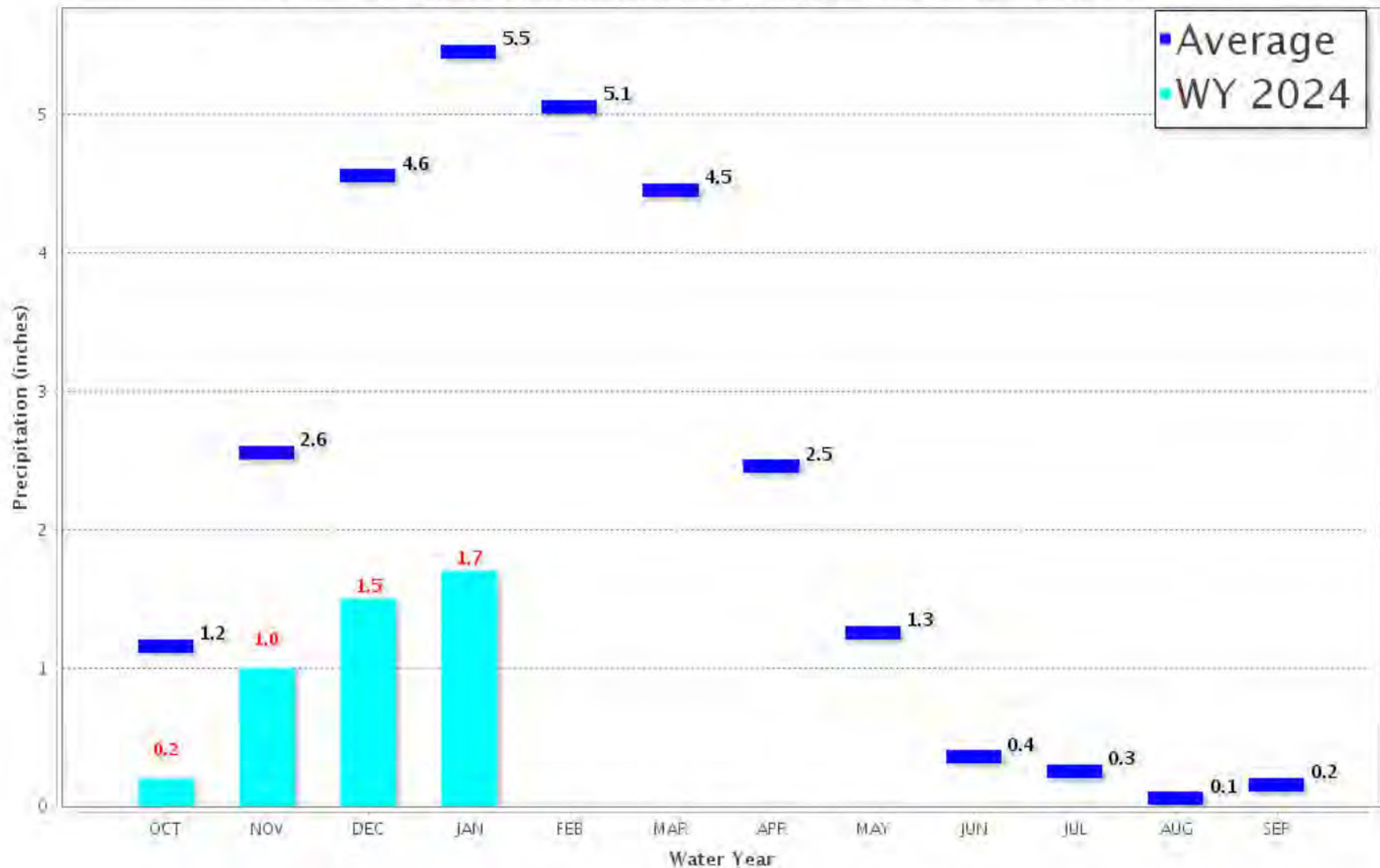


## Tulare Basin 6-Station

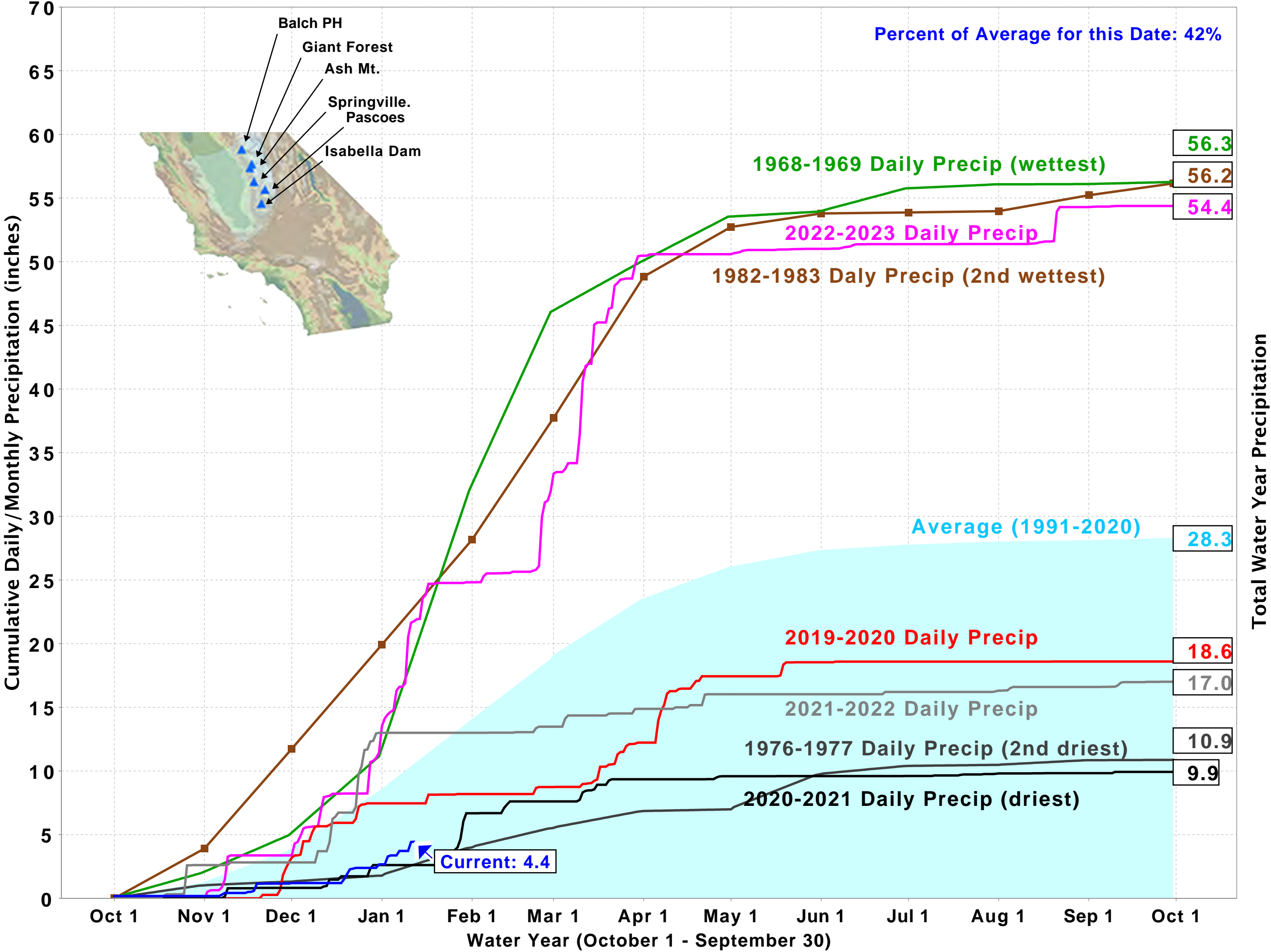
### Precipitation Index for Water Year 2024 - Updated on January 12, 2024 09:48 AM

Note: Monthly totals may not add up to seasonal total because of rounding.

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST

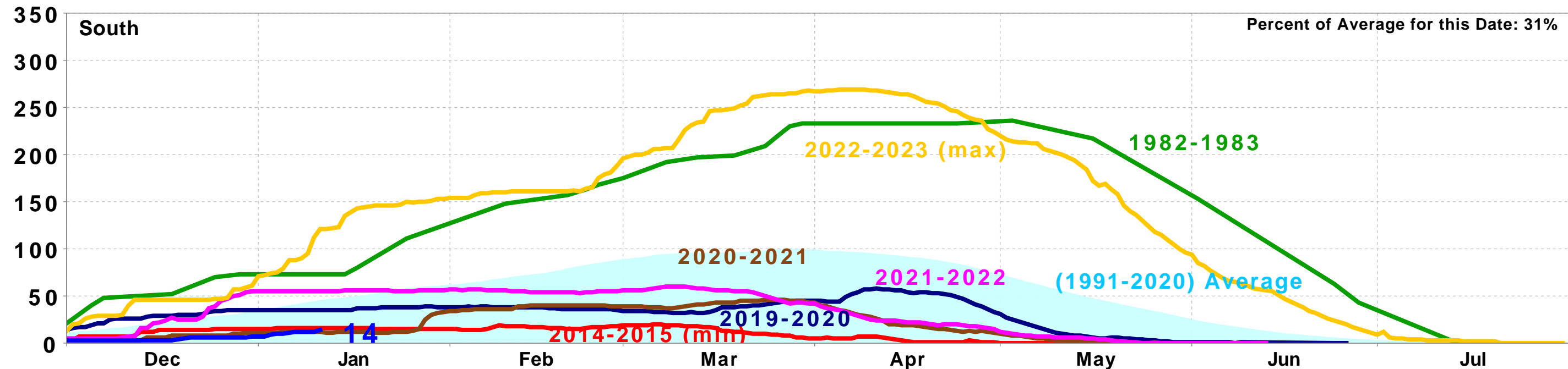
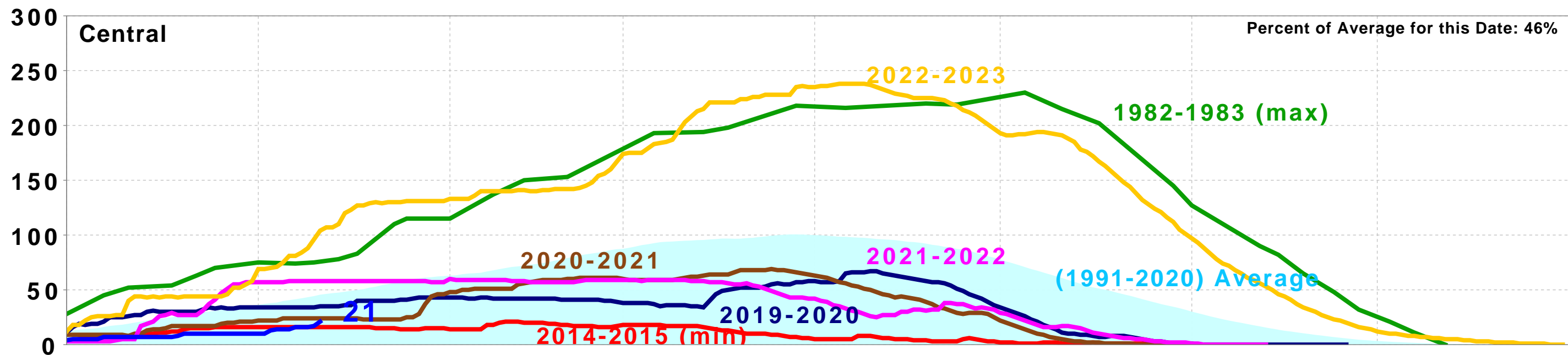
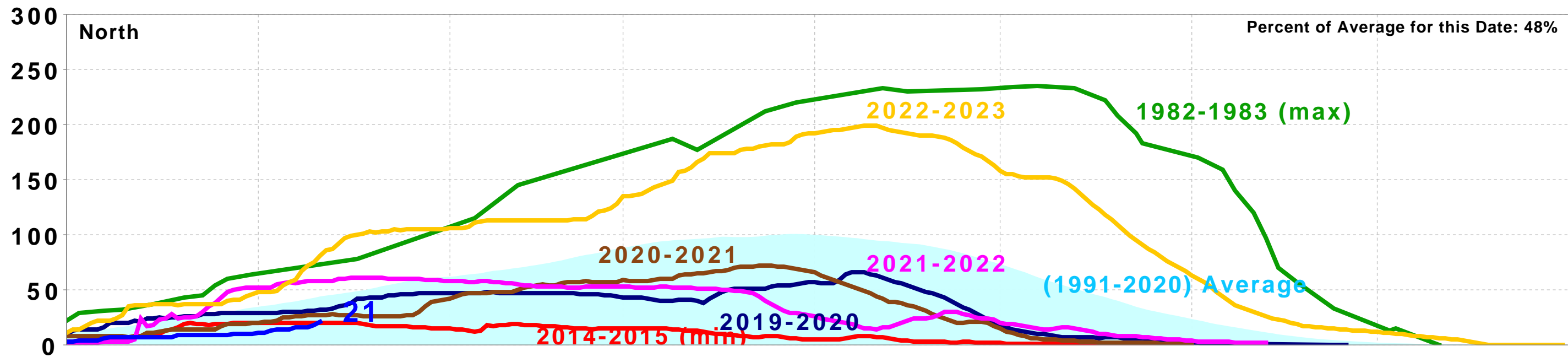


Tulare Basin Precipitation: 6-Station Index, January 12, 2024





# California Snow Water Content, January 11, 2024, Percent of April 1 Average



Statewide Percent of April 1: 19%

Statewide Percent of Average for Date: 42%



# STATEWIDE SNOW WATER CONTENT

## CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



NORTH	
Data as of January 11, 2024	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	6.2
Percent of April 1 Average (%)	21
Percent of normal for this date (%)	48

CENTRAL	
Data as of January 11, 2024	
Number of Stations Reporting	49
Average snow water equivalent (Inches)	5.7
Percent of April 1 Average (%)	21
Percent of normal for this date (%)	46

SOUTH	
Data as of January 11, 2024	
Number of Stations Reporting	24
Average snow water equivalent (Inches)	3.1
Percent of April 1 Average (%)	14
Percent of normal for this date (%)	31

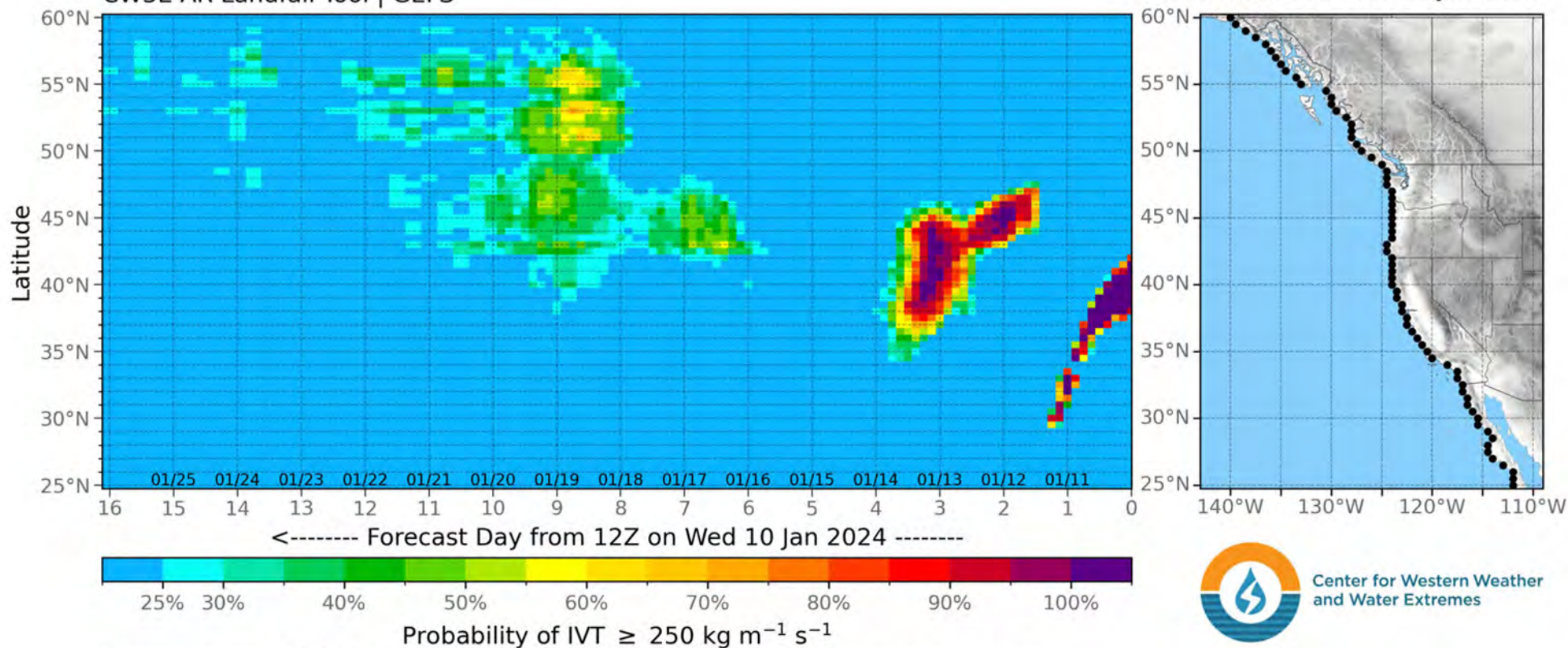
STATE	
Data as of January 11, 2024	
Number of Stations Reporting	99
Average snow water equivalent (Inches)	5.2
Percent of April 1 Average (%)	19
Percent of normal for this date (%)	42

Statewide Average: 19% / 42%

Data as of January 11, 2024

# CW3E AR Landfall Tool | GEFS

Model Run: 12Z Wed 10 Jan 2024



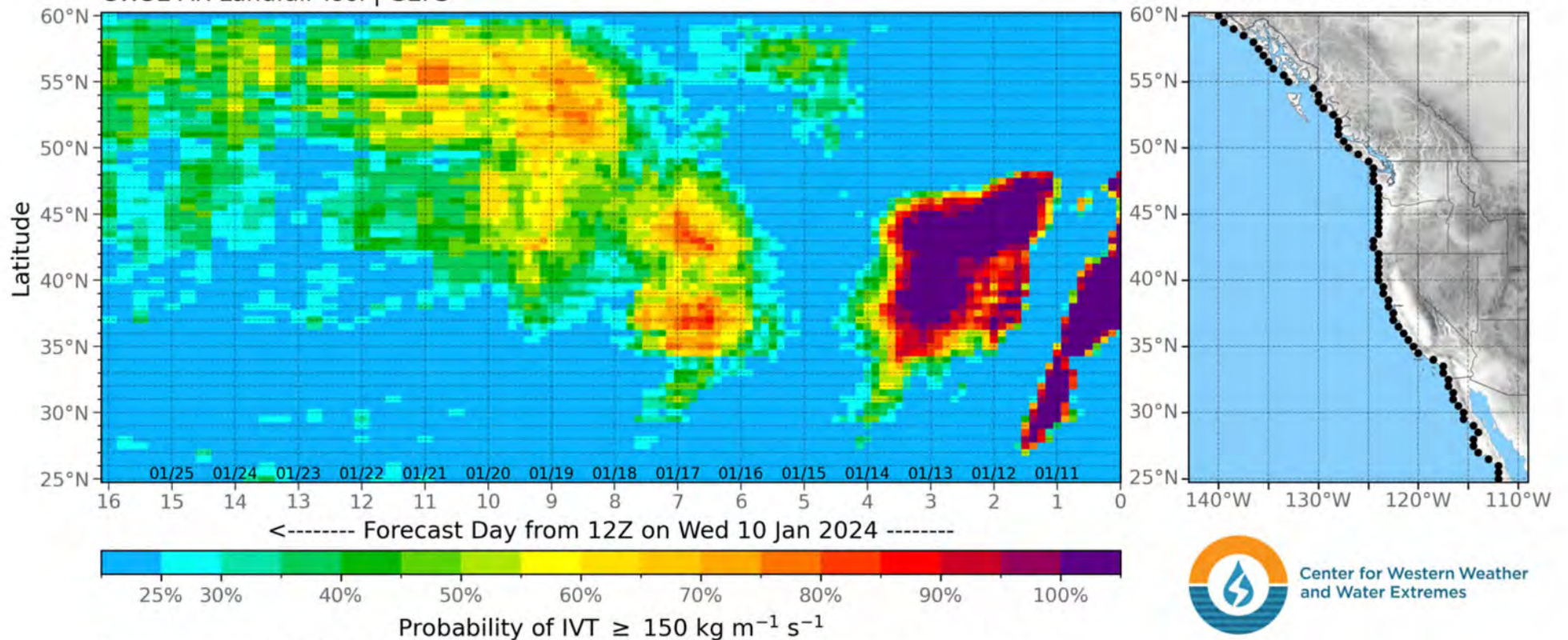
Forecasts support FIRO/CA-AR Program and NSF #2052972 | Intended for research purposes only





# CW3E AR Landfall Tool | GEFS

Model Run: 12Z Wed 10 Jan 2024



Forecasts support FIRO/CA-AR Program and NSF #2052972 | Intended for research purposes only

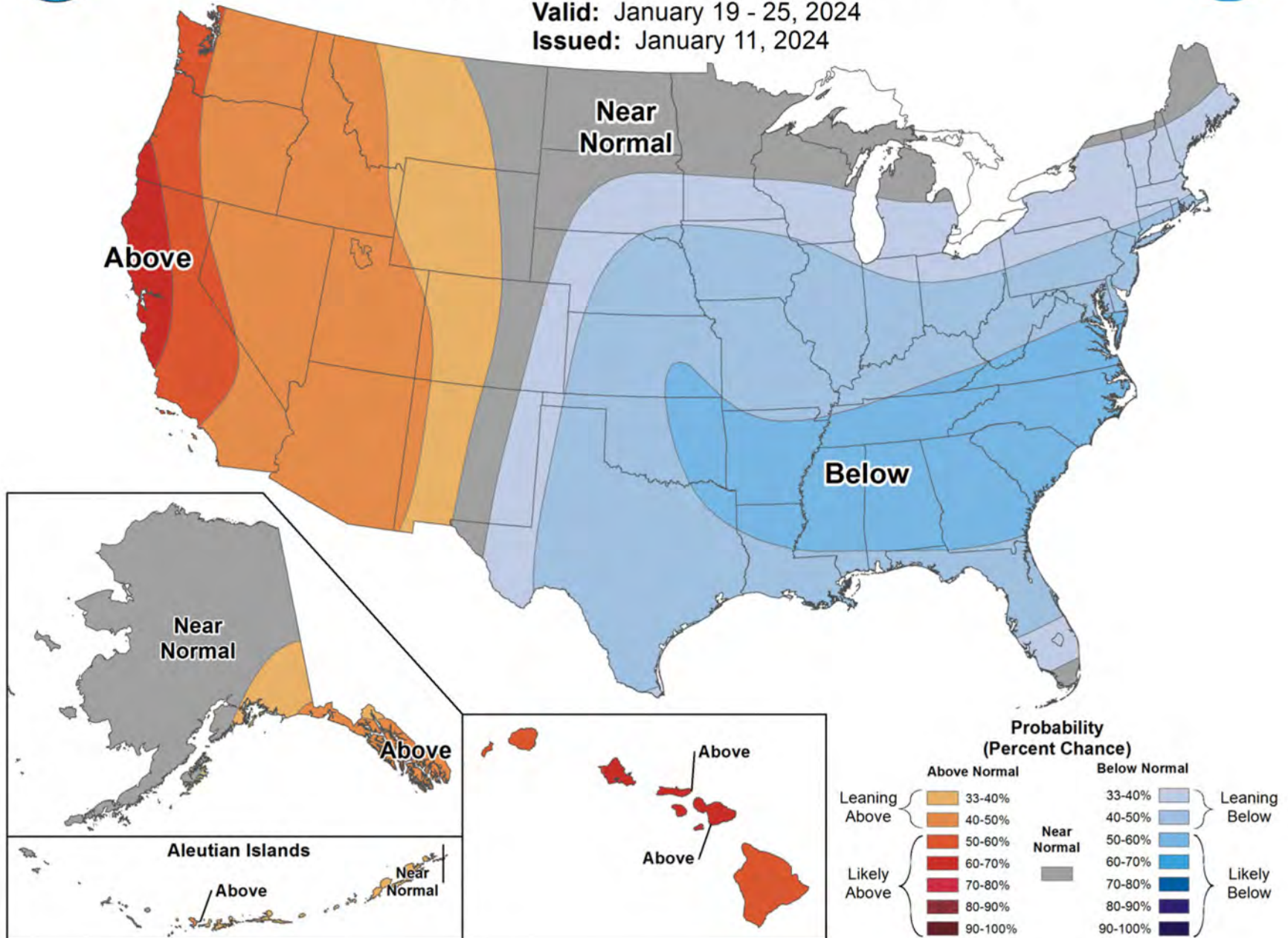


# 8-14 Day Temperature Outlook



Valid: January 19 - 25, 2024

Issued: January 11, 2024





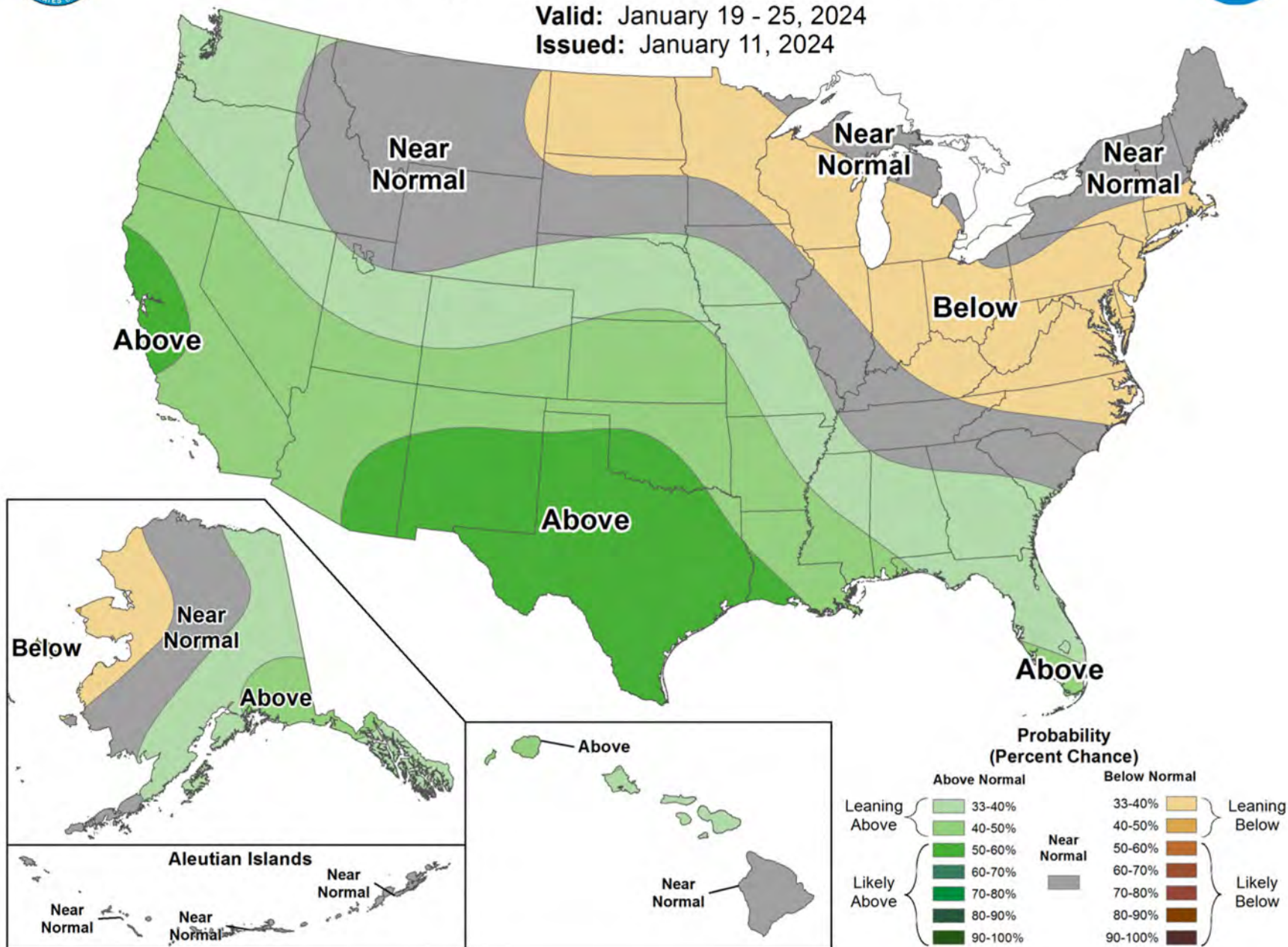


# 8-14 Day Precipitation Outlook



Valid: January 19 - 25, 2024

Issued: January 11, 2024





Directors:

Ted R. Page  
President  
Division 1

Laura Cattani  
Division 2

Martin Milobar  
Vice President  
Division 3

Eric L. Averett  
Division 4

Charles (Bill) W. Wulff, Jr.  
Division 5

Royce Fast  
Division 6

Gene A. Lundquist  
Division 7

Thomas D. McCarthy  
General Manager

Amelia T. Minaberrigarai  
General Counsel

December 28, 2023

Basic Contract Member Units

Re: 2023 SWP Table A Water Allocation

Basic Contract Member Units:

On December 1, 2023, the California Department of Water Resources announced an initial allocation of 2024 State Water Project (SWP) Table A water to SWP contractors of 422,851 acre-feet (af) as shown in Attachment 1. This allocation reflects implementation of the Monterey Principles (for those who have signed), and represents at least ten percent of most SWP contractors' requests.

Attachment 2 represents the 2024 Member Unit allocation based upon the Kern County Water Agency's currently approved allocation of 98,273 af. If you have any questions, or require further information, please contact Veronica Arreola at (661) 634-1480.

Sincerely,

A handwritten signature in blue ink that reads "Lauren Bauer".

Lauren Bauer  
Water Resources Manager

Enclosure

Phone No. (661) 634-1400

Mailing Address  
3200 Rio Mirada Drive  
Bakersfield, CA 93308



## NOTICE TO STATE WATER PROJECT CONTRACTORS



**Date:** December 1, 2023

**Number: 23-09**

**Subject: State Water Project Initial 2024 Allocation of 10 Percent**

**From:**

Yed Craddock

**Ted Craddock**  
Deputy Director, State Water Project  
Department of Water Resources

Water year 2023 provided much-needed relief following three of the most severely dry years on record. However, water year 2024 is off to a slow start with precipitation amounts at about half of average in October and November. To make the initial 2024 allocation, the Department of Water Resources (DWR) forecasts what water supplies will be available if the current dry pattern continues through the remainder of the water year 2024. As a result, DWR is initially allocating 10 percent of most State Water Project (SWP) contractors' requested Table A amounts for 2024, as shown in Attachment A – 2024 SWP Allocation. The dry start to this year is a reminder that we must continue to prepare for swings between wet and dry conditions.

To determine the available SWP water supplies, DWR considers factors including SWP contractors' anticipated 2023 carryover supplies into 2024, projected 2024 demands, existing storage in SWP conservation facilities, estimates of future runoff, SWP operational and regulatory requirements from the Federal Endangered Species Act and California Endangered Species Act, and water rights obligations under the State Water Resources Control Board's authority. DWR may revise the SWP allocation if hydrologic conditions change.

DWR will develop the 10-percent water delivery schedules by prorating the 15-percent schedules submitted by the Contractors in October 2023 (as part of initial requests) with any subsequent updates. If a contractor foresees any changes to their water delivery schedule, please communicate such changes to DWR in a timely manner.



If you have any questions or need additional information, please contact John Leahigh, Assistant Division Manager, Water Management, SWP Division of Operations and Maintenance, at (916) 902-9876.

Attachment A: 2024 SWP Allocation

Attachment A  
2024 STATE WATER PROJECT ALLOCATION  
Initial  
December 1, 2023

SWP Contractors	Maximum Table A Amount (Acre-Feet)	Initial Table A Request Amount (Acre-Feet)	Approved Table A Allocation (Acre-Feet)	Approved Allocation as a Percentage of Initial Request
	(1)	(2)	(3)	(4) = (3)/(2)
<b><u>FEATHER RIVER</u></b>				
County of Butte	27,500	27,500	4,000	~ 15%
Plumas County FC&WCD	2,700	2,700	270	10%
City of Yuba City	9,600	9,600	1,440	15%
<b>Subtotal</b>	<b>39,800</b>	<b>39,800</b>	<b>5,710</b>	
<b><u>NORTH BAY</u></b>				
Napa County FC&WCD	29,025	29,025	4,354	15%
Solano County WA	47,756	47,756	7,164	15%
<b>Subtotal</b>	<b>76,781</b>	<b>76,781</b>	<b>11,518</b>	
<b><u>SOUTH BAY</u></b>				
Alameda County FC&WCD, Zone 7	80,619	80,619	8,062	10%
Alameda County WD	42,000	42,000	4,200	10%
Santa Clara Valley WD	100,000	100,000	10,000	10%
<b>Subtotal</b>	<b>222,619</b>	<b>222,619</b>	<b>22,262</b>	
<b><u>SAN JOAQUIN VALLEY</u></b>				
Oak Flat WD	5,700	5,700	570	10%
County of Kings	9,305	9,305	931	10%
Dudley Ridge WD	41,350	41,350	4,135	10%
Empire West Side ID	3,000	3,000	300	10%
Kern County WA	982,730	982,730	98,273	10%
Tulare Lake Basin WSD	87,471	87,471	8,748	10%
<b>Subtotal</b>	<b>1,129,556</b>	<b>1,129,556</b>	<b>112,957</b>	
<b><u>CENTRAL COASTAL</u></b>				
San Luis Obispo County FC&WCD	25,000	25,000	2,500	10%
Santa Barbara County FC&WCD	45,486	45,486	4,549	10%
<b>Subtotal</b>	<b>70,486</b>	<b>70,486</b>	<b>7,049</b>	
<b><u>SOUTHERN CALIFORNIA</u></b>				
Antelope Valley-East Kern WA	144,844	144,844	14,485	10%
Santa Clarita Valley WA	95,200	95,200	9,520	10%
Coachella Valley WD	138,350	138,350	13,835	10%
Crestline-Lake Arrowhead WA	5,800	5,800	580	10%
Desert WA	55,750	55,750	5,575	10%
Little Rock Creek ID	2,300	2,300	230	10%
Metropolitan WDSC	1,911,500	1,911,500	191,150	10%
Mojave WA	89,800	89,800	8,980	10%
Palmdale WD	21,300	21,300	2,130	10%
San Bernardino Valley MWD	102,600	102,600	10,260	10%
San Gabriel Valley MWD	28,800	28,800	2,880	10%
San Geronio Pass WA	17,300	17,300	1,730	10%
Ventura County WPD	20,000	20,000	2,000	10%
<b>Subtotal</b>	<b>2,633,544</b>	<b>2,633,544</b>	<b>263,355</b>	
<b>TOTAL</b>	<b>4,172,786</b>	<b>4,172,786</b>	<b>422,851</b>	<b>10%</b>

**2024**  
**Kern County Water Agency**  
**Current State Water Project Allocation**  
**(Estimate as of 12/01/23)**

	(1)	(2)	(3)	(4)
	<b>Firm [1]</b>	<b>Surplus</b>	<b>Total</b>	
KCWA Table 1 Ent (AF).....	982,730	94,098	1,076,828	
Current DWR Allocation:				
Allocation to KCWA (AF).....	98,273	0	98,273	
Supply (%).....	10.00%	0.00%	9.13%	
Shortage (AF).....	884,457	94,098	978,555	
Deficiency (%).....	90.00%	100.00%	90.87%	
	<b>2024</b> <b>Table 1 Entitlement</b>			<b>Current Allocation to MU's (10% of Firm Ent)</b>
	<b>Firm [1]</b>	<b>Surplus</b>	<b>Total</b>	
	(AF)	(AF)	(AF)	(AF)
Member Units:				
Berrenda Mesa WD.....	92,600	6,301	98,901	9,260
Lost Hills WD.....	119,110		119,110	11,911
Belridge WSD.....	121,508		121,508	12,151
Semitropic ID.....	155,000	24,762	179,762	15,500
Cawelo WD.....	38,200	6,800	45,000	3,820
Improvement Dist 4 - Ag.....	5,946	899	6,845	594
Improvement Dist 4 - M&I.....	77,000		77,000	7,700
Rosedale-Rio Bravo WSD.....	29,900	5,100	35,000	2,990
Buena Vista WSD.....	21,300	3,750	25,050	2,130
Kern Delta WD.....	25,500	4,500	30,000	2,550
Henry Miller WD.....	35,500	6,250	41,750	3,550
West Kern WD - M&I.....	25,000		25,000	2,500
West Kern WD - Ag.....	6,500		6,500	650
Wheeler Ridge-Maricopa WSD.....	197,088	34,205	231,293	19,709
Tehachapi-Cummings CWD - Ag.....	4,300	700	5,000	430
Tehachapi-Cummings CWD - M&I.....	15,000		15,000	1,500
Tejon-Castac WD - M&I.....	2,000		2,000	200
Tejon-Castac WD - Ag.....	3,278	471	3,749	328
KCWA.....	8,000	360	8,360	800
Total.....	982,730	94,098	1,076,828	98,273
Total Ag.....	863,730	94,098	957,828	86,373
Total M&I.....	119,000	0	119,000	11,900
	982,730	94,098	1,076,828	98,273
Western Hills WD.....	8,000	0	8,000	350

[1] - Reflects 40,670 AF relinquished (KWB), 25,000 AF sold (BMWD to Mojave WD); 41,000 AF sold (WSD to Castaic WD); 4,000 AF sold (BWSD to Palmdale WD); 15,000 AF sold (LHWD to Alameda Zone 7); 7,000 AF sold (BMWD to Alameda Zone 7); 10,000 AF sold (BWSD to Alameda Zone 7); 5,756 AF sold (BWSD to Solano County WA); 4,025 AF sold (BWSD to Napa County FC&WCD); 6,500 AF sold (BMWD to WKWD); 2,219 AF (BWSD to Alameda Zone 7); 12,000 AF sold (BMWD to Coachella Valley WD); and 4,000 AF sold (BMWD to Desert WA).

# KERN RIVER WATERMASTER

[achianello@krwatermaster.org](mailto:achianello@krwatermaster.org)

661-549-6313

To: Kern River Interests

January 8, 2024

From: Art Chianello  
Kern River Watermaster

RE: Report of Recent Activities

## Precipitation

- January 8th snow sensor data measuring snow water equivalent (SWE) is shown in Attachment 1. The SWE as a percentage of the April 1st measurement ranges from 6% to 33%.
- The Tulare Basin Precipitation: 6-Station Index for January 8th indicates 38% of average for this date as shown in attachment 2. Last months Watermaster report included the same plot for December 11th which showed 22% of average for that date.
- The California Nevada River Forecast Center on July 8th is forecasting the April through July snow melt season to be 67% of average as shown in Attachment 3.
- The NOAA Climate Prediction Center 8-14 day Outlook is showing both temperatures and precipitation to be leaning above normal as shown in Attachment 4.

**Cloud Seeding** - Since the December 11th Watermaster Report, flights occurred on 12/30 for 2.4 hours, 1/03 for 1.5 hours, and 1/06 for 1.4 hours.

**Isabella Reservoir Operations** - Attachment 5 shows the trend in storage for the water year from October 1 to January 7th. Storage for January 7th was 202,642 acre-feet. Attachment 6 shows the daily storage at midnight, the mean daily outflow and mean mean daily inflow from December 1, 2023 to January 7, 2024.

Isabella Partners started repairs at the hydroelectric plant located at the base of the dam on December 31, 2023 and completed the work on January 7, 2024 working 24 hours per day. Repairs were required to steel and concrete structural components damaged during the high flows in WY 2023. Normal operations resumed in the afternoon on January 7th.

**Aerial Snow Observatory** - Three flights are planned for the Kern in WY 2024. The first flight for the Kern under DWR's Aerial Remote Sensing of Snow (ARSS) program is planned for the 3rd or 4th week in February. The second flight is tentatively planned for the end of March and the third flight is planned for the end of April or early May if there is significant snow accumulation.

**Public Outreach** - I responded to public inquiries regarding reservoir operations.

## Attachments:

- Snow Water Equivalent measurements for the Kern basin
- Southern Sierra Nevada precipitation measurement
- CNRFC April -July forecast
- NOAA 8-14 day outlook for precipitation and temperature
- Current Isabella Storage Conditions
- Daily Reservoir Computations

Archived Report Products:

2024-01-08



## Daily Snow Sensor Report

January 8, 2024

Provided by the California Cooperative Snow Surveys for selected automatic reporting snow gage sensors

Report generated: January 08, 2024 09:35

UPDATED: 07/18/2019

Data Flag	Flag Description
	No Flag
A	Precipitation accumulation
L	Waiting for observer response
N	Error in data
e	Estimated
q	New rating table
r	Revised
s	New shift started
t	Trace of precipitation
v	Out of Valid Range

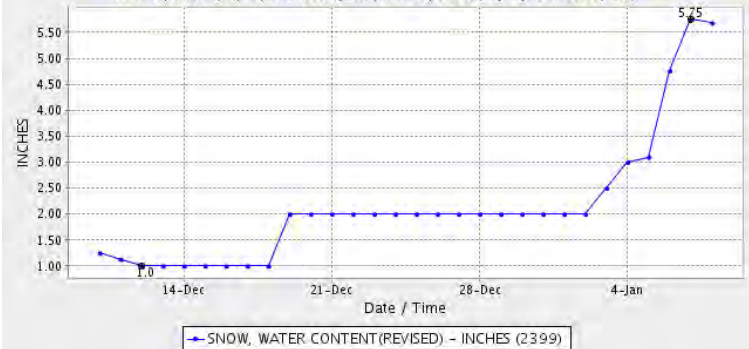
### SNOW WATER EQUIVALENTS

Station	ID	Coop. Agency	Elev (FT)	Apr 1 Avg (IN)	Today (IN)	Percent Apr 1	24 Hrs Ago (IN)	1 Week Ago (IN)
<b>KERN RIVER</b>								
Upper Tyndall Creek	UTY	USACE	11,500	22.2	1.8	8%	1.9	0.7
Crabtree Meadow	CBT	DWR/DFM/	10,700	16.1	1.0 e	6%	1.0 e	0.3 e
Chagoopa Plateau	CHP	DWR/DFM/	10,300	17.6	5.7	32%	5.8	2.0 e
Pascoes	PSC	USACE	9,120	27.7	2.5 r	9%	2.5 r	1.9 r
Wet Meadows	WTM	USACE	9,039	20.8	6.8	33%	6.8	4.0 e
Tunnel Guard Station	TUN	DWR/DFM/	8,900	10.9	---	---	---	0.0 r
Casa Vieja Meadows	CSV	DWR/DFM/	8,300	17.3	3.8	22%	3.7	1.8 e
Beach Meadows	BCH	DWR/DFM/	7,650	5.0	1.0 e	20%	1.0 e	0.0 e

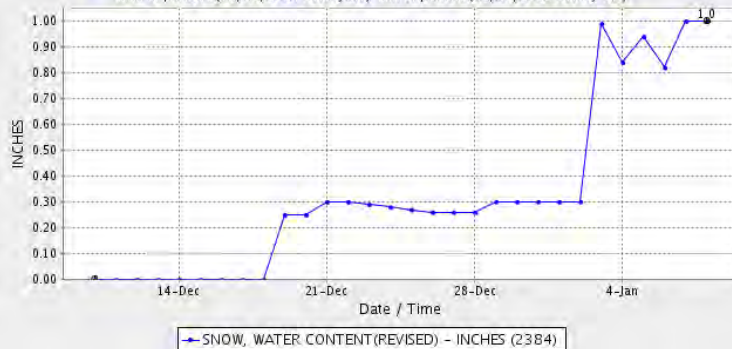
#### UPPER TYNDALL CREEK ( UTY )

Date from 12/09/2023 00:00 through 01/08/2024 00:00 Duration: 30 days  
Max of period: (01/07/2024 00:00, 1.86) Min of period: (12/09/2023 00:00, 0.0)

#### CHAGOOPA PLATEAU ( CHP )

Date from 12/09/2023 18:50 through 01/08/2024 18:50 Duration: 30 days  
Max of period: (01/07/2024 00:00, 5.75) Min of period: (12/12/2023 00:00, 1.0)

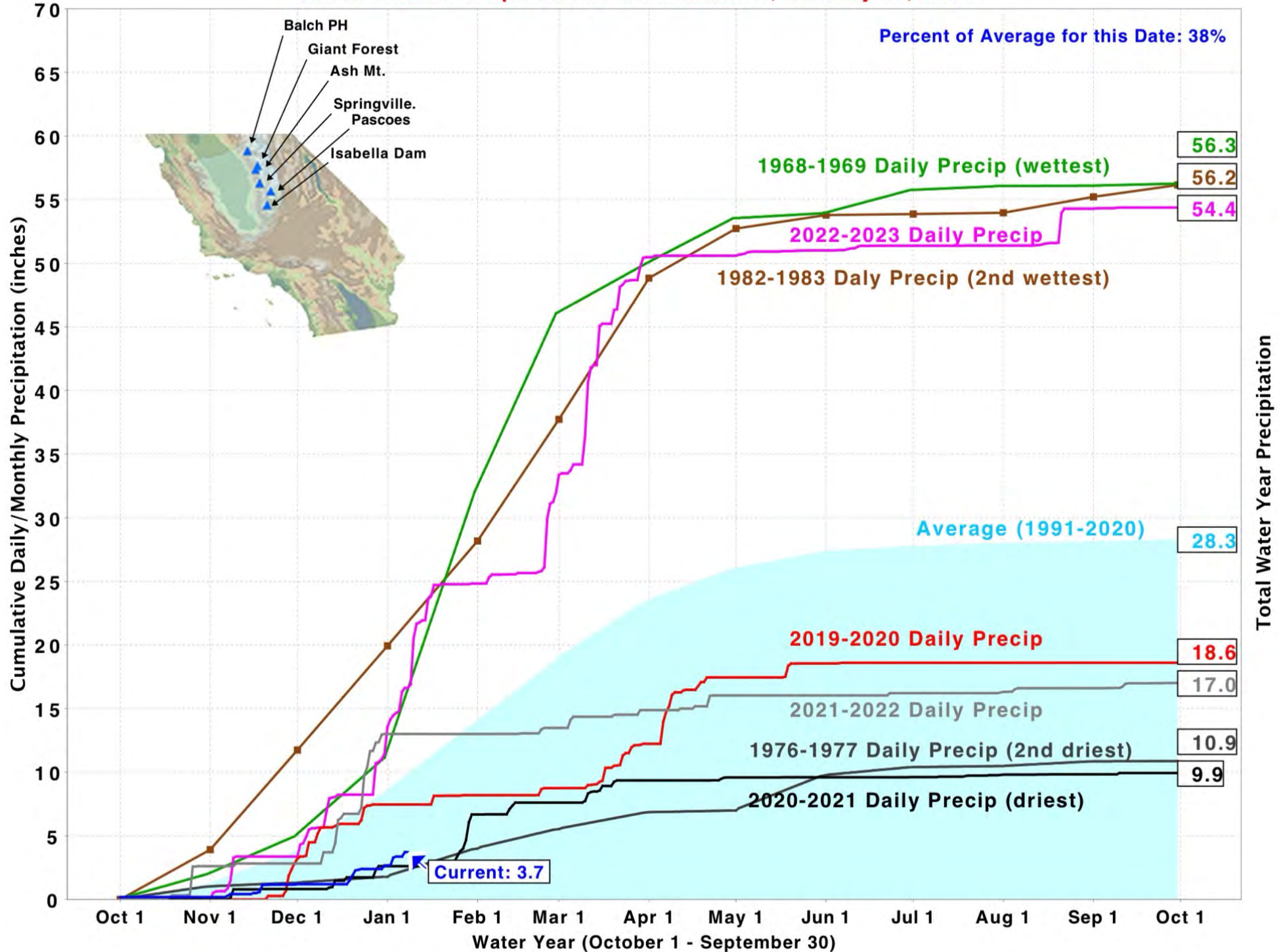
#### CRABTREE MEADOW ( CBT )

Date from 12/09/2023 18:49 through 01/08/2024 18:49 Duration: 30 days  
Max of period: (01/08/2024 00:00, 1.0) Min of period: (12/10/2023 00:00, 0.0)

#### PASCOES ( PSC )

Date from 12/09/2023 18:51 through 01/08/2024 18:51 Duration: 30 days  
Max of period: (01/08/2024 00:00, 2.51) Min of period: (12/10/2023 00:00, 0.7)



**Tulare Basin Precipitation: 6-Station Index, January 08, 2024**



## CALIFORNIA NEVADA RIVER FORECAST CENTER

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

[HOME](#) [HYDROLOGY](#) [WEATHER](#) [CLIMATE](#) [RESEARCH / OUTREACH](#) [LINKS](#) [SEARCH](#) [ABOUT US](#)

## Short-Range Products (hourly timestep)

[Short-Range Peaks](#)[Threshold Plot](#)[10-Day Probability](#)[10-Day Accum Vol](#)[4x5-Day Probability](#)

## Long-Range Products (daily timestep)

[Monthly Probability](#)[Seasonal Trend Plot](#)[WY Trend Plot](#)[WY Accum Vol](#)[Multi WY Accum Vol](#)[Historical Flows](#)[Verification](#)[Build Your Own](#)[Back to Ensemble Products Map](#)Location: [ISAC1](#) - 

&lt;&lt;&lt; Previous Ensemble Location (SKRC1) | Next Ensemble Location (DKCC1) &gt;&gt;&gt;

## KERN RIVER - LAKE ISABELLA (ISAC1)

Latitude: 35.63° N

Longitude: 118.48° W

Elevation: 2515 Feet

Location: Kern County in California

Bulletin Group: San Joaquin

River Group: Tulare

Issuance Time:

Jan 08, 2024 at 10:04 AM PST

**Please Note:** Ensemble forecasts produced by CNRFC only consider meteorological uncertainty and do not account for hydrologic uncertainty.

Flow data on this product are unregulated / full natural flow.

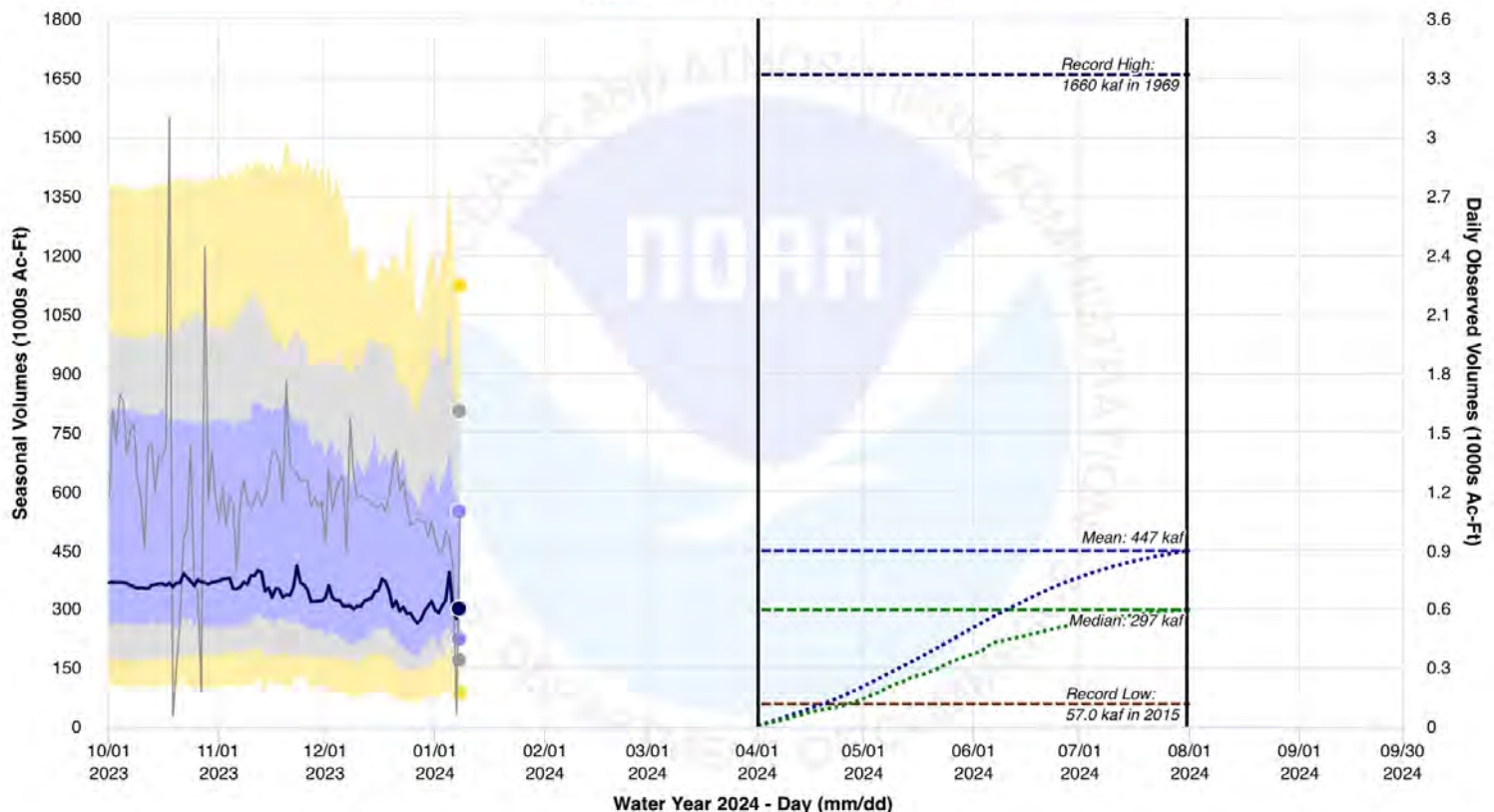
## 2024 Seasonal Trend Plot (Year View)

[Tabular View](#) | Select a Different Water Year: [2024](#) [Switch to Seasonal View](#)

KERN - ISABELLA DAM, BLO (ISAC1) 01/08/2024

Median Forecast: **300 kaf** | **67% of Mean** | **101% of Median**

Created: 01/08/2024 at 10:04 AM PST



Observed Season to Date Percent of Mean: N/A% (M kaf)

Season to Date Mean: kaf

Historical Apr-Jul Vol Max: 1660 kaf in 1969 Historical Apr-Jul Vol Min: 57.0 kaf in 2015

**This product only considers meteorological uncertainty and does not account for hydrologic uncertainty.****Means/medians are based on the period of Water Years 1980 through 2021.****Legend entries below can be toggled on/off.**

--- Apr-Jul Vol Mean      --- Apr-Jul Vol Median      ● Season to Date Mean      ◆ Season to Date Median      ● Season to Date Obs  
— Daily Obs      ● ESP Apr-Jul Fcst 50%      ■ ESP Apr-Jul Fcst 25/75%      ■ ESP Apr-Jul Fcst 10/90%      ■ ESP Apr-Jul Fcst Max/Min  
-- Record Low      -- Record High      ▼ Snow Model Updates



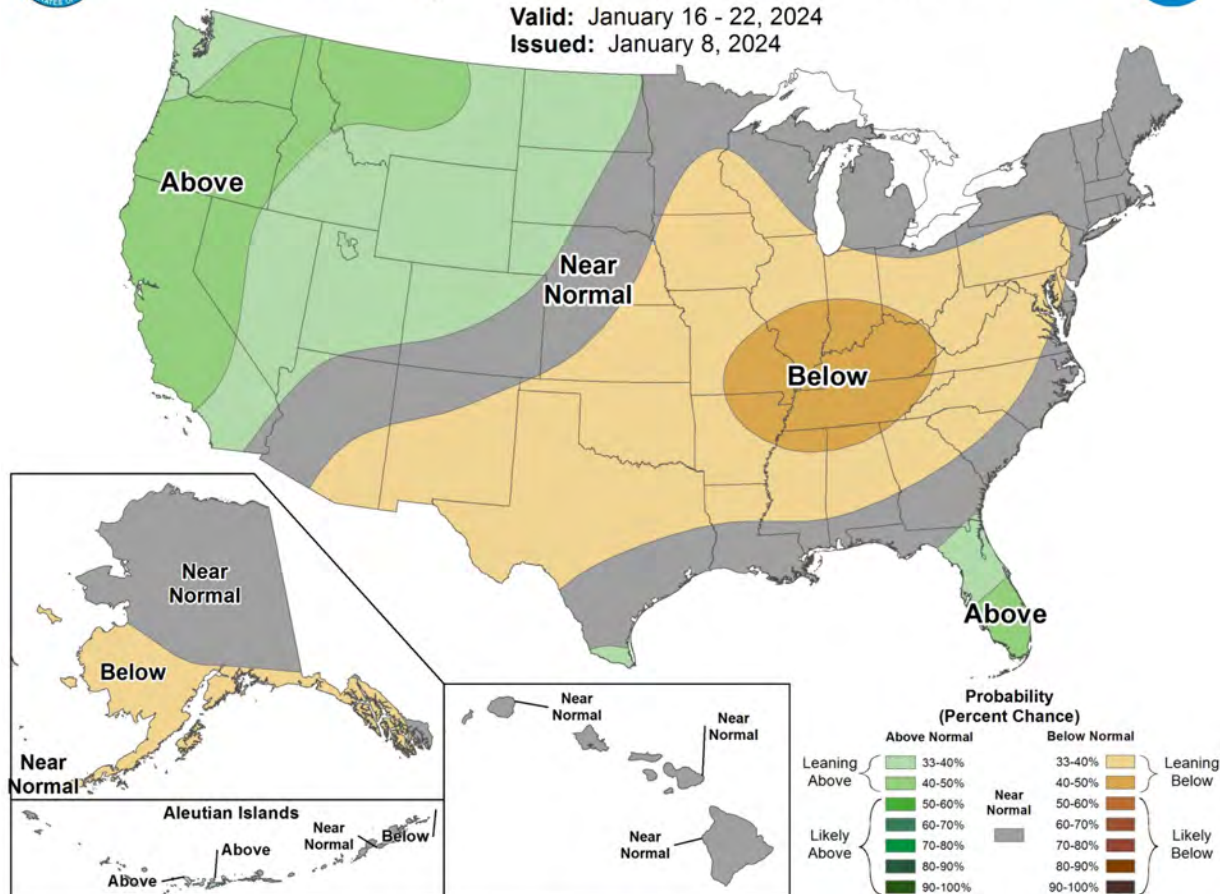


## 8-14 Day Precipitation Outlook



Valid: January 16 - 22, 2024

Issued: January 8, 2024

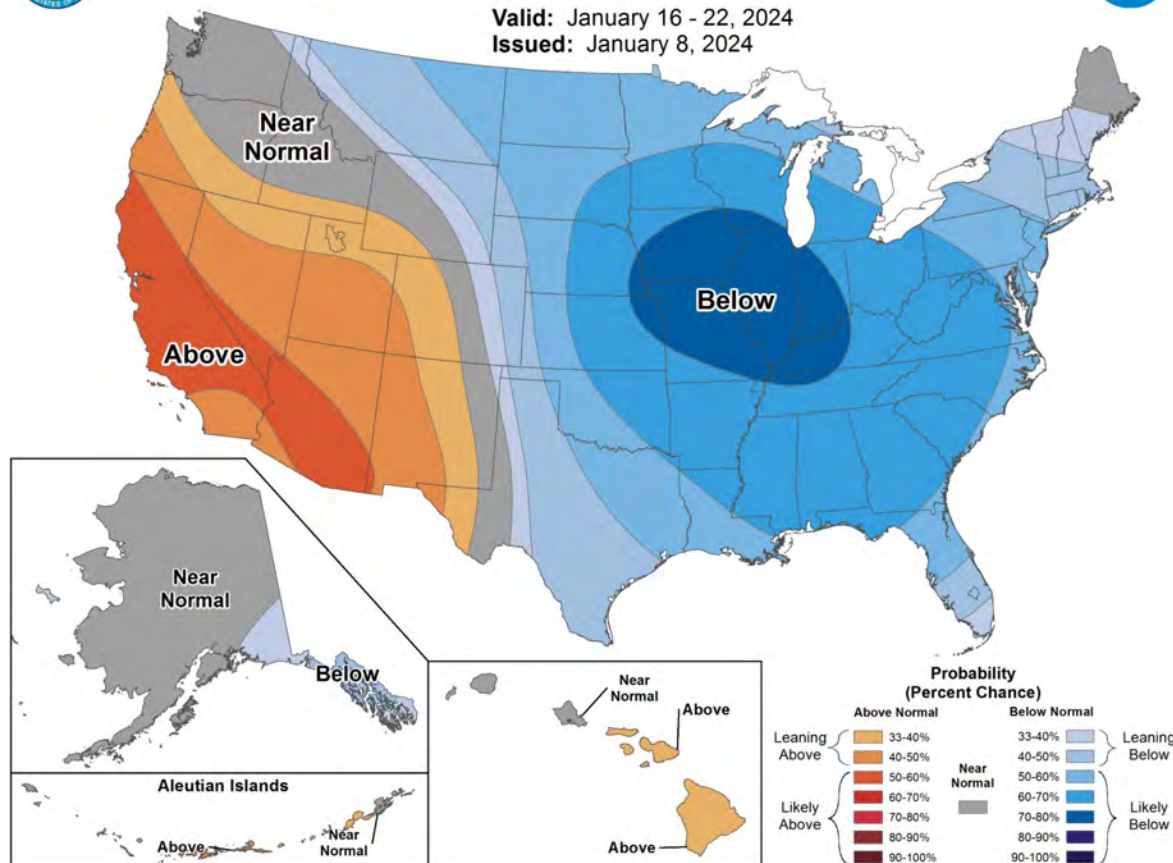


## 8-14 Day Temperature Outlook



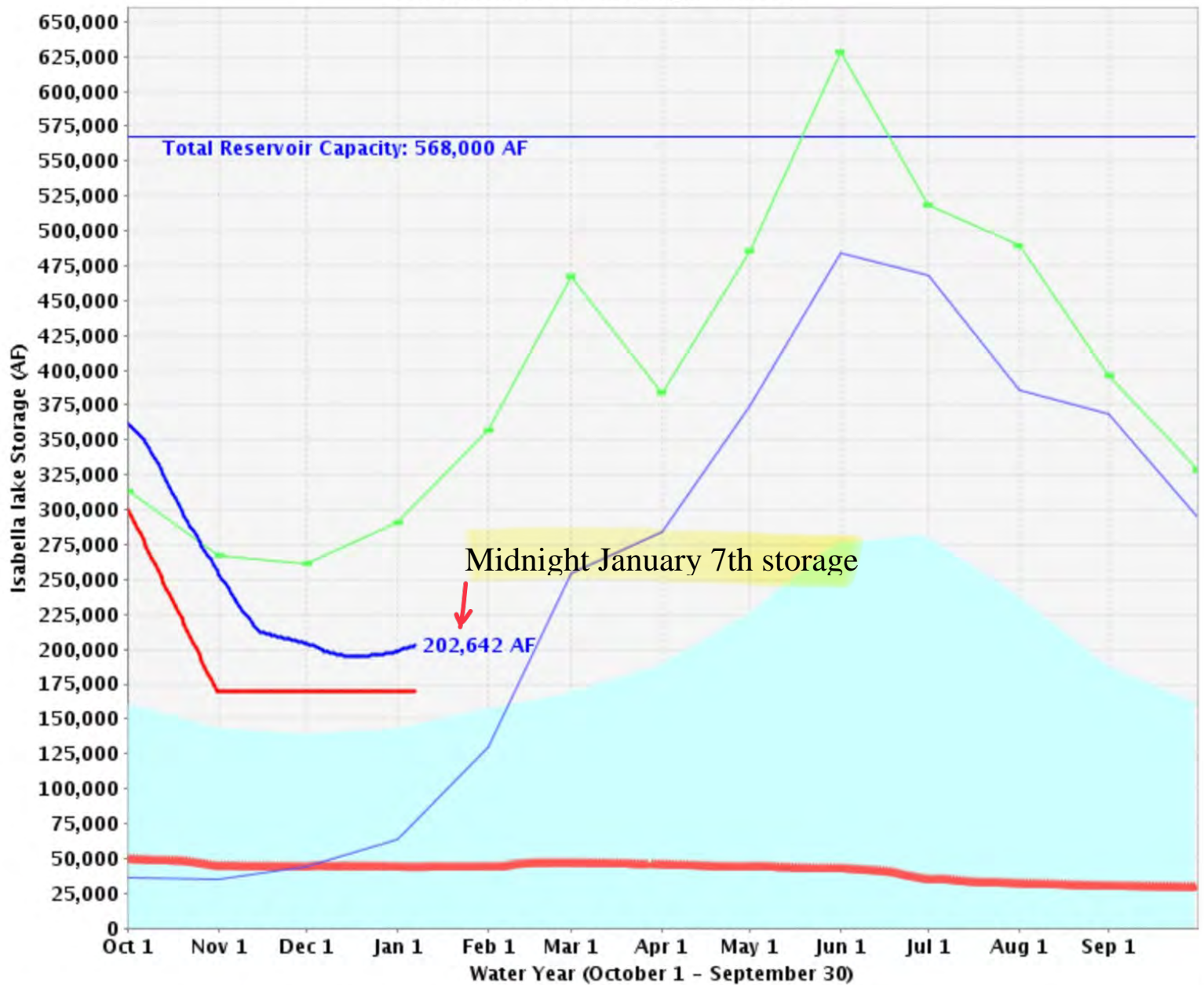
Valid: January 16 - 22, 2024

Issued: January 8, 2024





## Isabella lake Storage Levels



# Isabella Reservoir Daily Storage, Inflow, and Outflow

Attachment 6

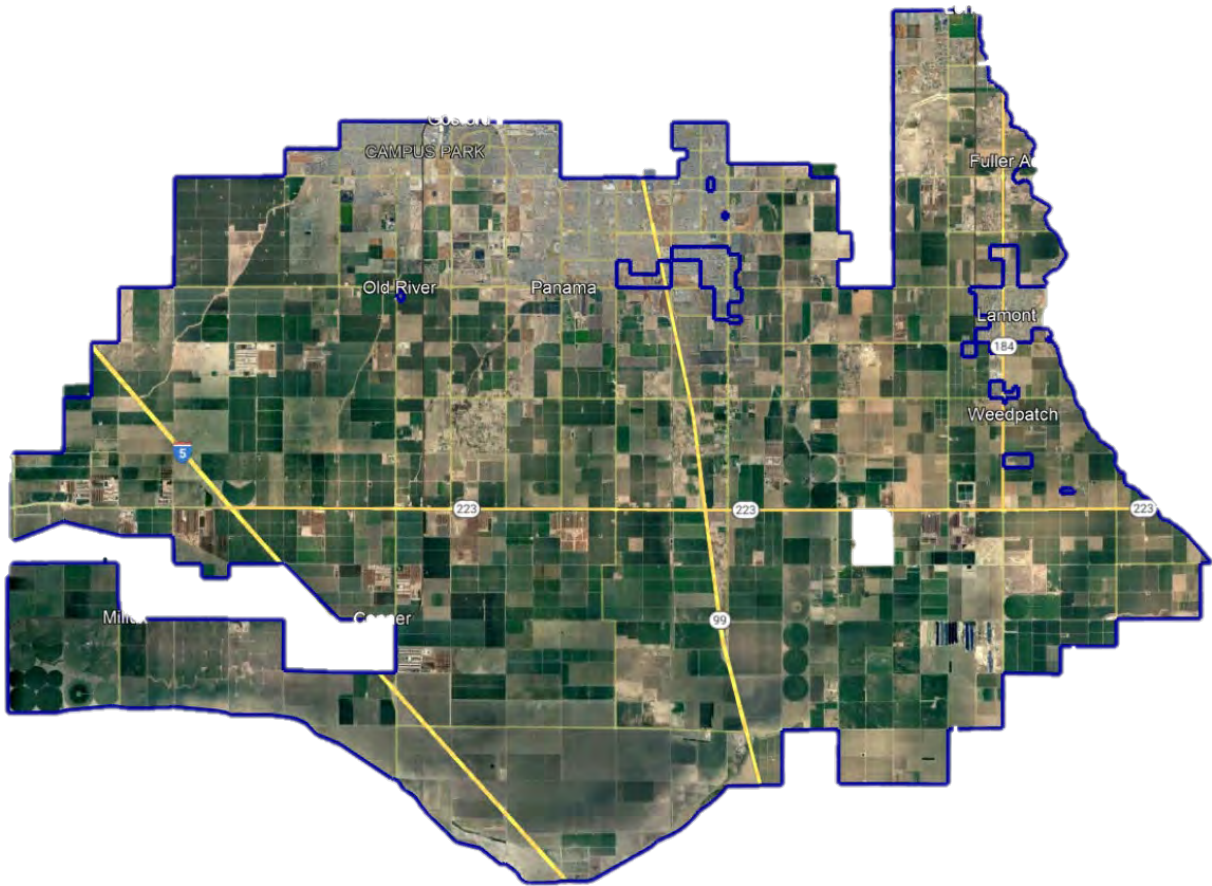
DAILY RESERVOIR COMPUTATIONS											MONTH		December					
ISABELLA RESERVOIR, KERN RIVER, CALIFORNIA											YEAR		2023					
DAY	POOL ELEV	STORAGE	STORAGE		MEAN OUTFLOW			MEAN	AVERAGE	PAN	GROSS EVAP		1ST PT	NET EVAP		PREPROJECT		
	MDNT	MDNT	INCREMENT		KERN	BOREL	TOTAL	INFLOW	LAKE AREA	EVAP	K	LAKE	FLOW	K	LAKE	OUTFLOW	1ST PT	
	(ft)	(ac-ft)	(ac-ft)	(sfd)	(cfs)	(cfs)	(cfs)	(cfs)	(ac)	(in)		(sfd)			(sfd)	(sfd)	(sfd)	(sfd)
0.077																		
1	2565.75	203778	-468	-236	849		849	639	6698	.10		26					639	
2	2565.68	203310	-468	-236	832		832	619	6688	.09		23					619	
3	2565.55	202441	-869	-438	950		950	533	6676	.08		21					533	
4	2565.41	201510	-931	-469	1085		1085	644	6657	.11		28					644	
5	2565.27	200579	-931	-469	1071		1071	648	6639	.18		46					648	
6	2565.10	199455	-1124	-567	1116		1116	593	6618	.17		44					593	
7	2564.97	198598	-857	-432	1083		1083	482	6598	.12		31					682	
8	2564.87	197939	-659	-332	927		927	621	6582	.10		26					621	
9	2564.78	197347	-592	-298	856		856	596	6570	.15		38					596	
10	2564.71	196889	-458	-231	794		794	601	6560	.15		38					601	
11	2564.65	196496	-393	-198	743		743	576	6551	.10		25					570	
12	2564.59	196103	-393	-198	746		746	573	6543	.10		25					573	
13	2564.54	195775	-328	-165	716		716	576	6536	.10		25					576	
14	2564.49	195450	-325	-164	662		662	531	6528	.13		33					531	
15	2564.45	195189	-261	-132	638		638	564	6522	.23		58					564	
16	2564.42	194993	-196	-99	631		631	582	6518	.20		50					582	
17	2564.37	194667	-326	-164	632		632	513	6513	.18		45					513	
18	2564.35	194537	-130	-66	661		661	628	6508	.13		33					628	
19	2564.34	194472	-65	-33	669		669	646	6506	.04		16					646	
20	2564.36	194602	+130	+66	576		576	662	6507	.08		20					662	
21	2564.44	195124	+522	+263	436		436	729	6513	.11		28					729	
22	2564.44	195254	+130	+66	430		430	514	6520	.07		18					514	
23	2564.51	195579	+325	+164	432		432	614	6524	.07		18					614	
24	2564.54	195775	+196	+99	413		413	536	6530	.07		18					536	
25	2564.57	195972	+197	+99	396		396	513	6534	.07		18					513	
26	2564.61	196234	+262	+132	393		393	548	6538	.09		23					548	
27	2564.65	196496	+262	+132	366		366	521	6544	.09		23					521	
28	2564.70	196823	+327	+165	348		348	538	6550	.10		25					538	
29	2564.74	197086	+263	+133	307		307	483	6556	.17		43					483	
30	2564.80	197478	+392	+198	307		307	520	6563	.06		15					520	
31	2564.90	198136	+658	+332	167		167	512	6573	.05		13					512	
SUM																		



DAILY RESERVOIR COMPUTATIONS													MONTH				
GROSS POOL ELEVATION: 2605.50 FT STORAGE: 568,075 AC-FT													January				
ISABELLA RESERVOIR, KERN RIVER, CALIFORNIA													YEAR				
													2024				
DAY	POOL ELEV MDNT	STORAGE MDNT	STORAGE INCREMENT		MEAN OUTFLOW			MEAN INFLOW	AVERAGE LAKE AREA	PAN EVAP	GROSS EVAP		1ST PT FLOW	NET EVAP		PREPROJECT	
					KERN	BOREL	TOTAL				K	LAKE		K	LAKE	OUTFLOW	1ST PT
1	2565.00	198796	+660	+333	96		96	451	6587	.10		22					451
2	2565.09	199389	+593	+299	101		101	411	6599	.05		11					411
3	2565.21	200183	+794	+400	102		102	518	6613	.07		16					518
4	2565.32	200911	+728	+367	102		102	485	6629	.07		16					485
5	2565.42	201576	+665	+335	102		102	451	6642	.06		14					451
6	2565.48	201976	+400	+202	102		102	322	6653	.08		18					322
7	2565.58	202641	+665	+335	194		194	547	6664	.08		18					547
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
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21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
SUM																	

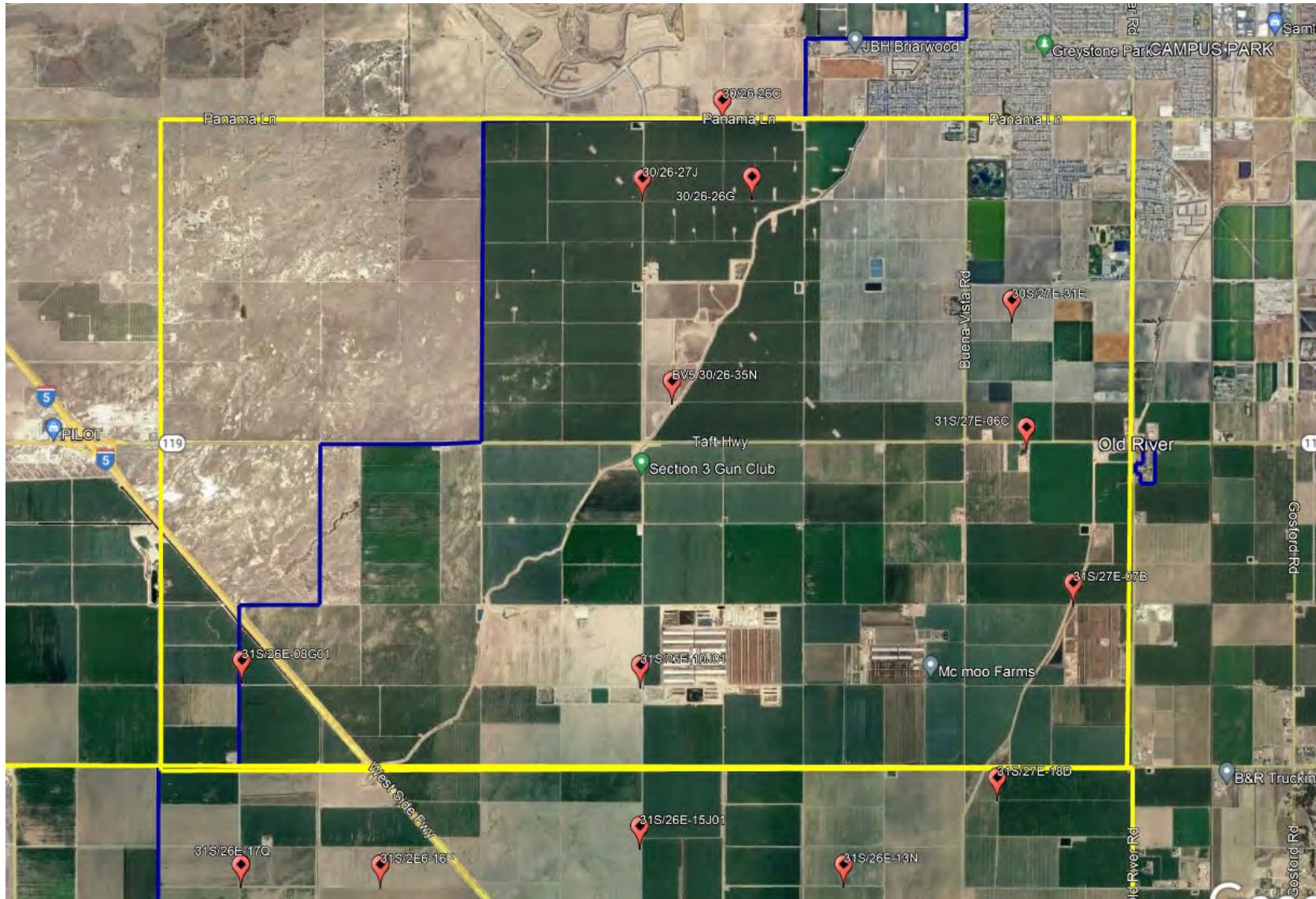


## Monthly Groundwater Report



**January 2024**





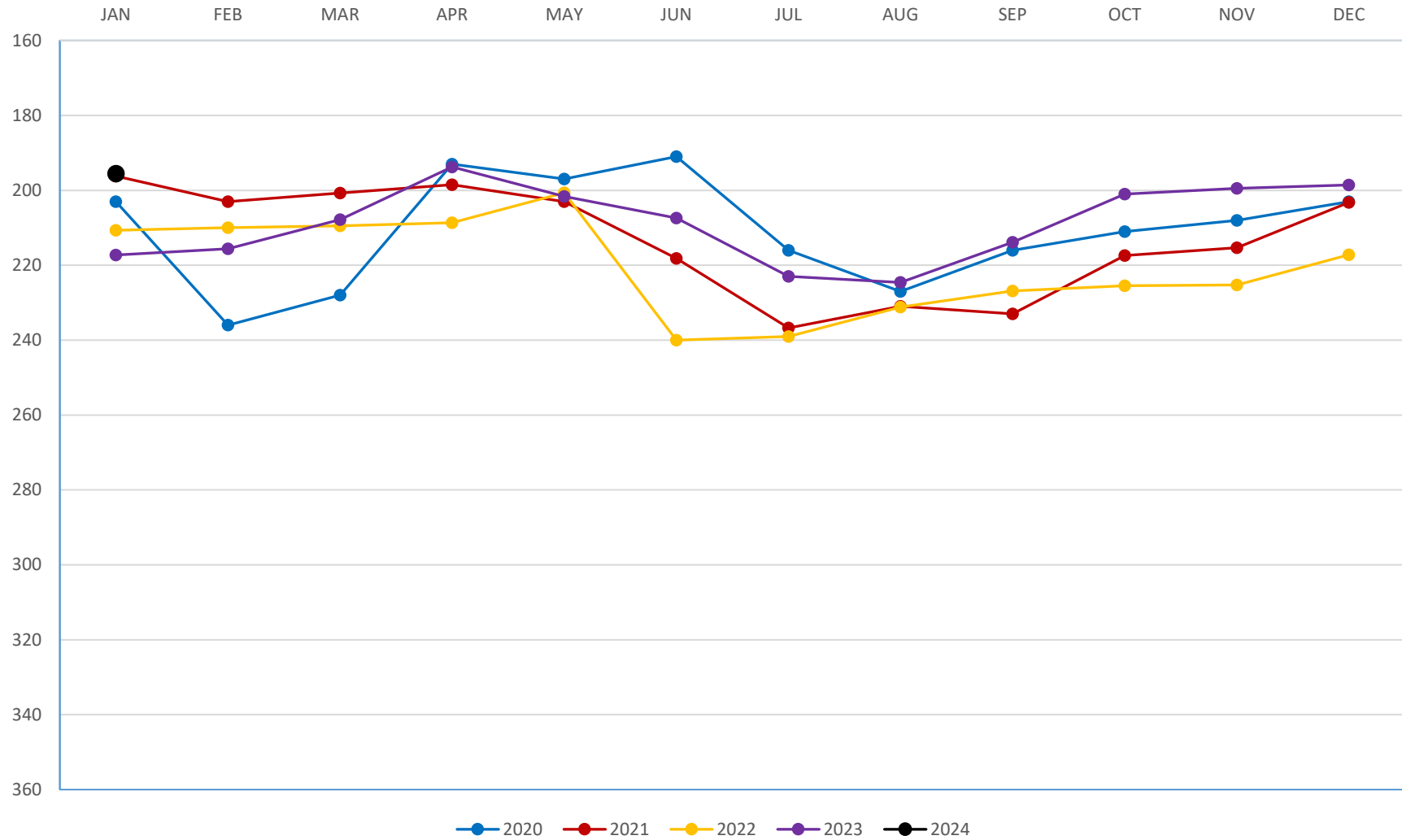
		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Northwest Quadrant	30/26-26C	204	G	G	207	194												207	194	202
	30/26-26G	199	G	G	G	201												201	199	200
	30/26-27J	210	G	G	218	196												218	196	208
	30/26-35N	171	169	185	217	184												217	169	185
	30/27-31E	219	201	224	228	209												228	201	216
	31/26-08G	204	205	200	NR	168												205	168	194
	31/26-10J	NR	203	205	216	201												216	201	206
	31/27-06C	215	203	215	228	210												228	203	214
	31/27-07B	200	NR	235	207	197												235	197	210
	MONTHLY AVG	203	196	211	217	196														
	MAXIMUM DEPTH TO WATER NW (running average for all data last 5 years)																	235		
	MINIMUM DEPTH TO WATER NW (running average for all data last 5 years)																	168		
	AVERAGE DEPTH TO WATER NW (running average for all data last 5 years)																	204		

G = gated well, unable to access  
 R = running well, no measurement taken  
 NR = temporary 'no reading', no measurement taken

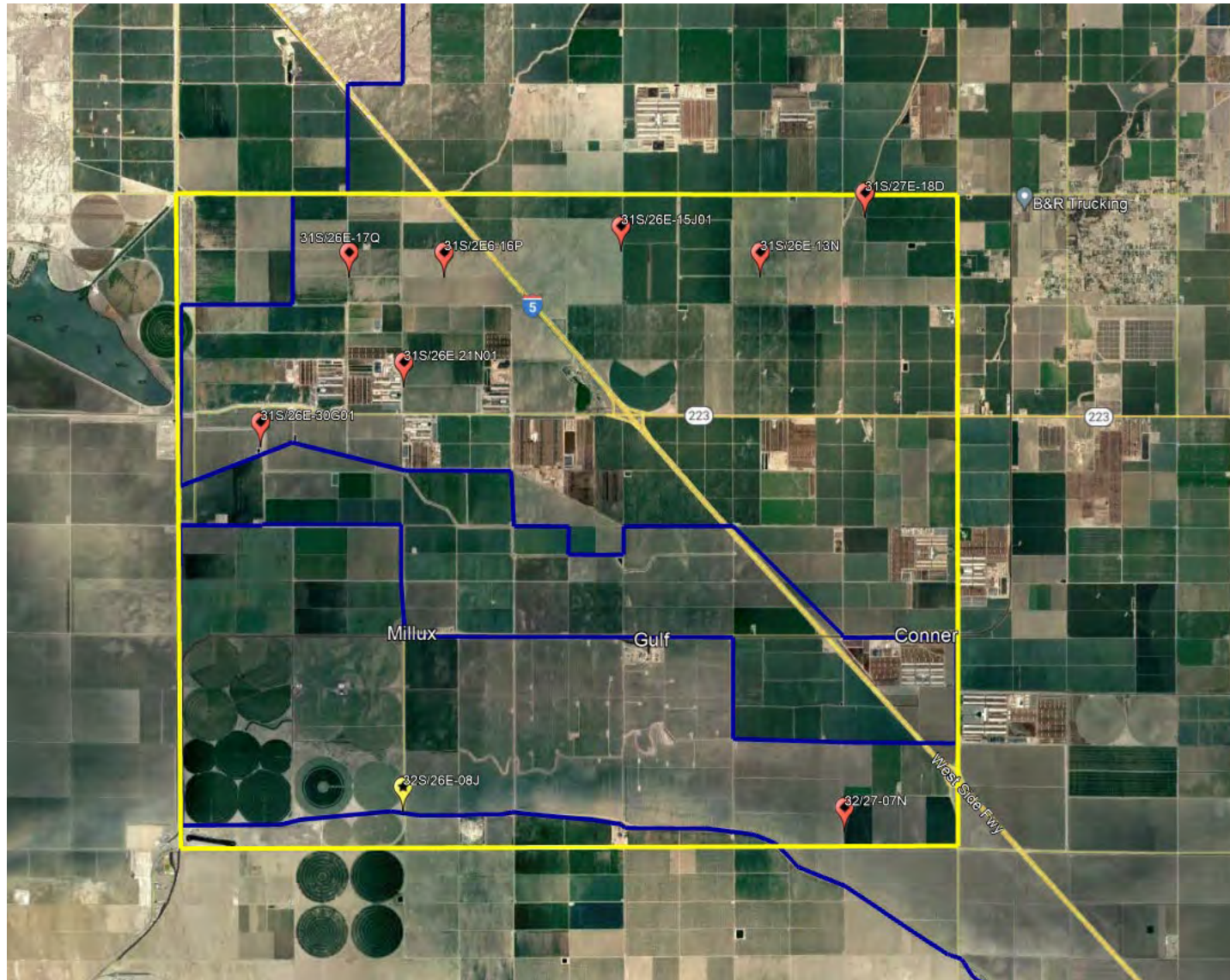
yellow shading = inactive well

2024

NORTHWEST









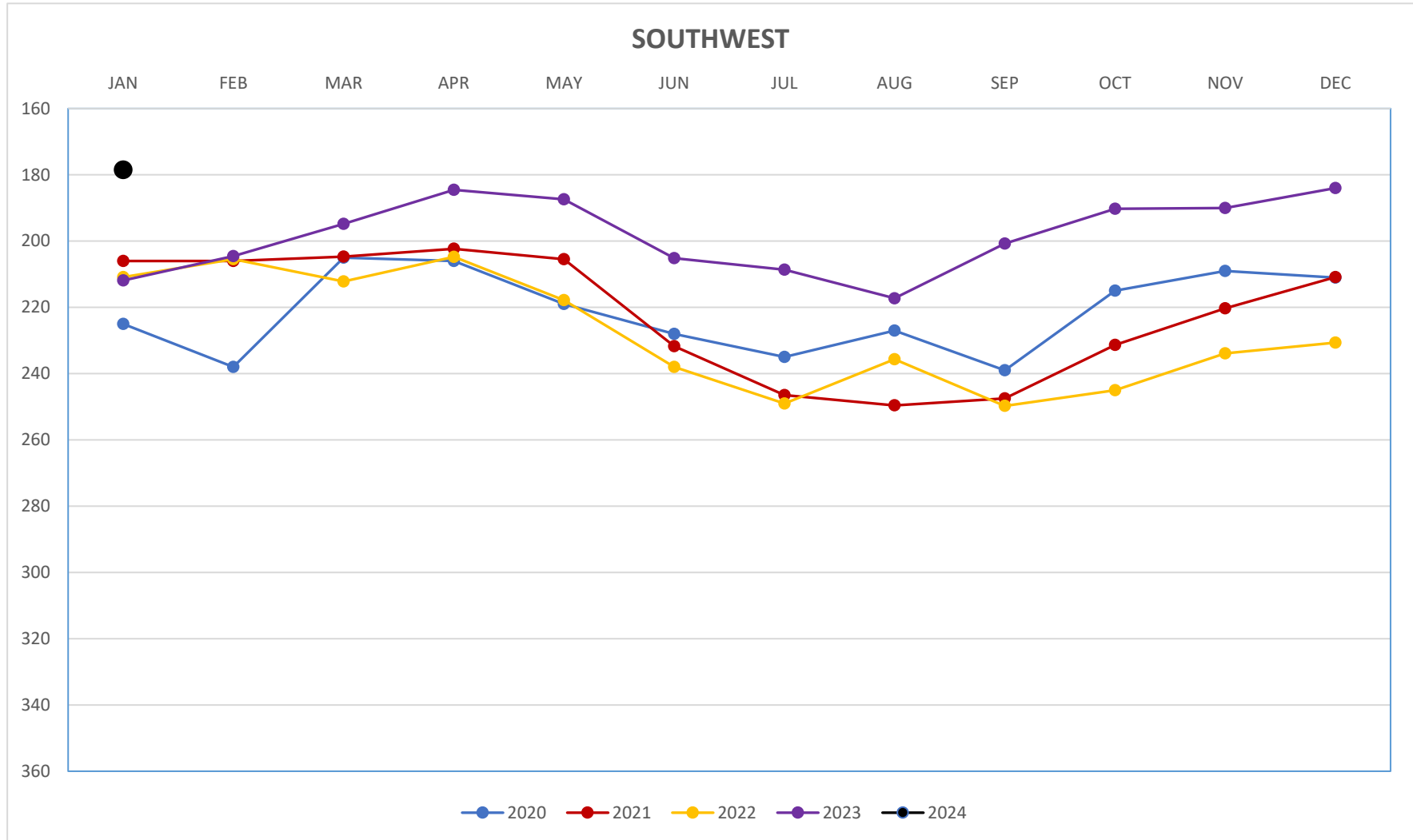
# 2024

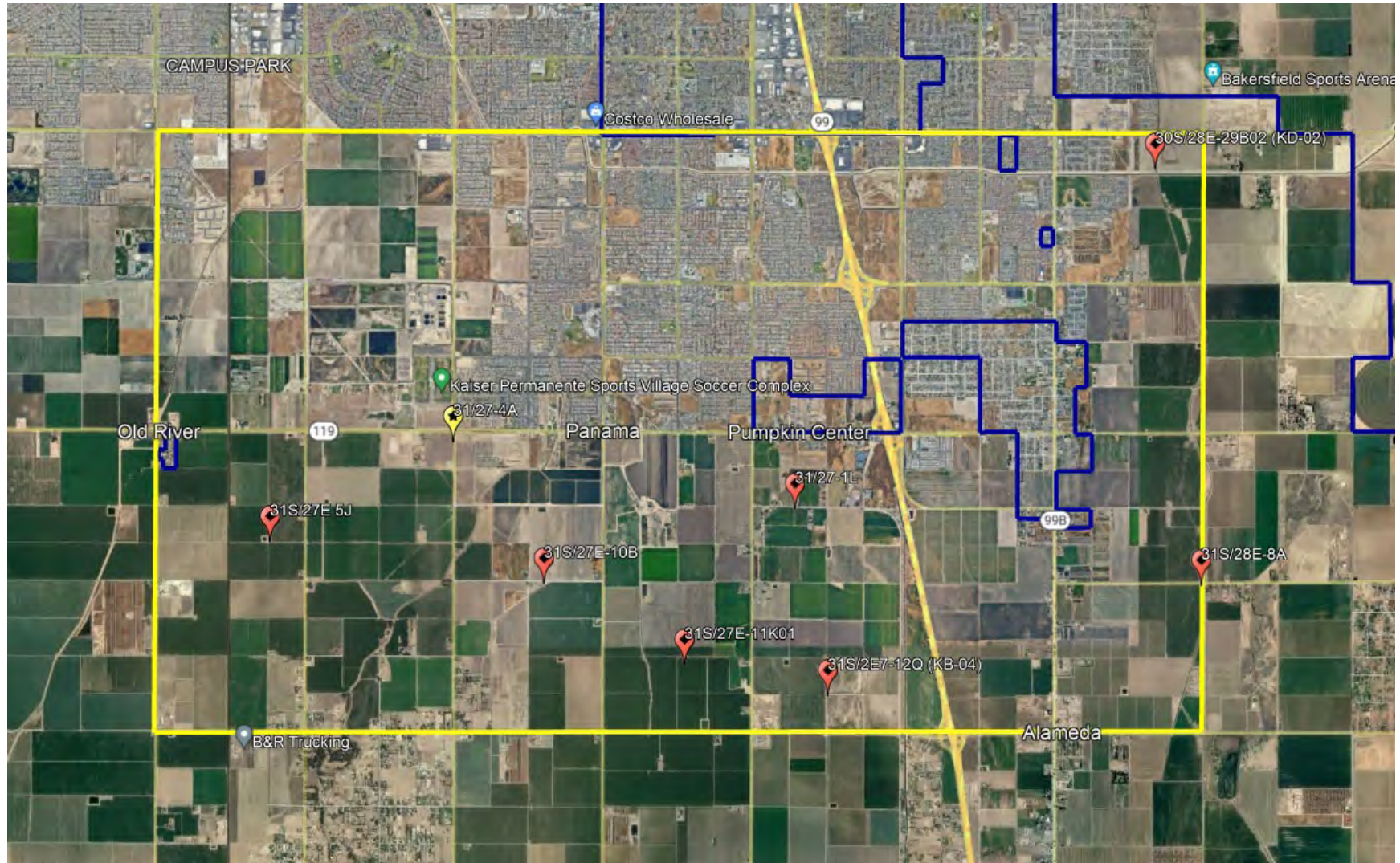
		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southwest Quadrant	31/26-13N	NR	NR	206	215	191												215	191	204
	31/26-15J	NR	201	205	211	186												211	186	201
	31/26-16P	204	202	200	207	181												207	181	199
	31/26-17Q	203	219	202	NR	188												219	188	203
	31/26-21N	204	204	228	215	180												228	180	206
	31/26-30G	268	203	234	200	152												268	152	211
	31/27-18D01	201	203	222	222	190												222	190	208
	32/26-08J	209	212	200	213	NR												213	200	209
	32/27-07N	288	200	201	NR	160												288	160	212
	MONTHLY AVG	225	206	211	212	179														
																		288		
																		152		
																		206		

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 NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2024





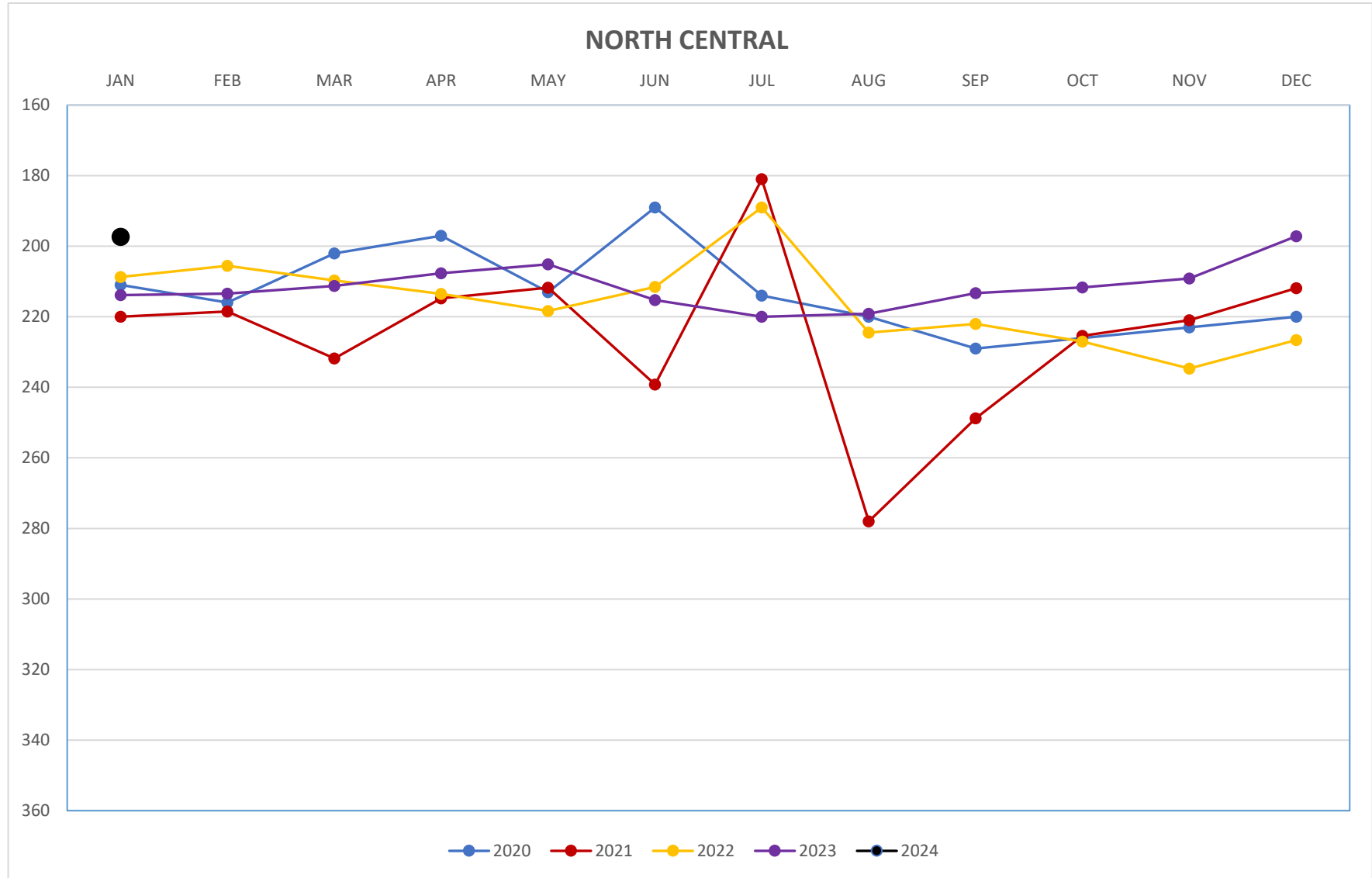
# 2024

		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
North-Central Quadrant	30/28-29B	229	225	231	240	NR												240	225	231
	31/27-01L	232	219	170	219	212												232	170	210
	31/27-04A	184	179	182	186	174												186	174	181
	31/27-05J	228	207	230	214	209												230	207	218
	31/27-10B	208	208	210	210	208												210	208	209
	31/27-12Q	139	141	174	172	149												174	139	155
	31/28-08A	244	249	264	256	232												264	232	249
	MONTHLY AVG	209	204	209	214	197														
	MAXIMUM DEPTH TO WATER N-C (running average for all data last 5 years)																	264		
	MINIMUM DEPTH TO WATER N-C (running average for all data last 5 years)																	139		
	AVERAGE DEPTH TO WATER N-C (running average for all data last 5 years)																	207		

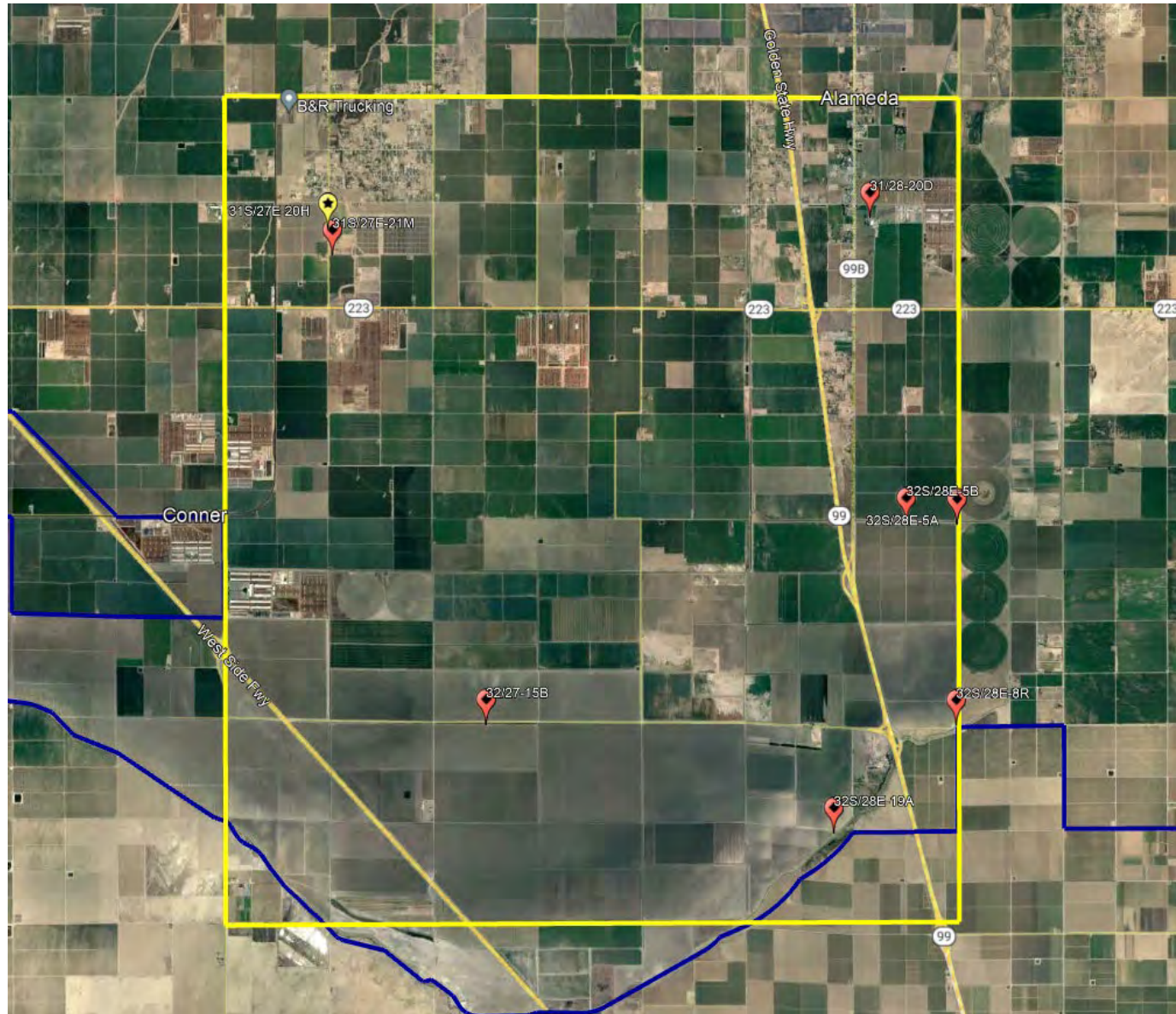
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 NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2024







# 2024

		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
South-Central Quadrant	31/27-20H	211	NR	213	203	162												213	162	197
	31/27-21M	L	NR	220	NR	189												220	189	205
	31/28-20D	201	R	202	203	NR												203	201	202
	32/27-15B	202	200	201	338	NR												338	200	235
	32/28-19A	222	222	255	NR	242												255	222	235
	32/28-05A	239	220	214	243	217												243	214	227
	32/28-05B	201	205	221	215	210												221	201	210
	32/28-08R	253	222	255	NR	235												255	222	241
	MONTHLY AVG	218	214	223	240	209														
	MAXIMUM DEPTH TO WATER S-C (running average for all data last 5 years)																	338		
	MINIMUM DEPTH TO WATER S-C (running average for all data last 5 years)																	162		
	AVERAGE DEPTH TO WATER S-C (running average for all data last 5 years)																	221		

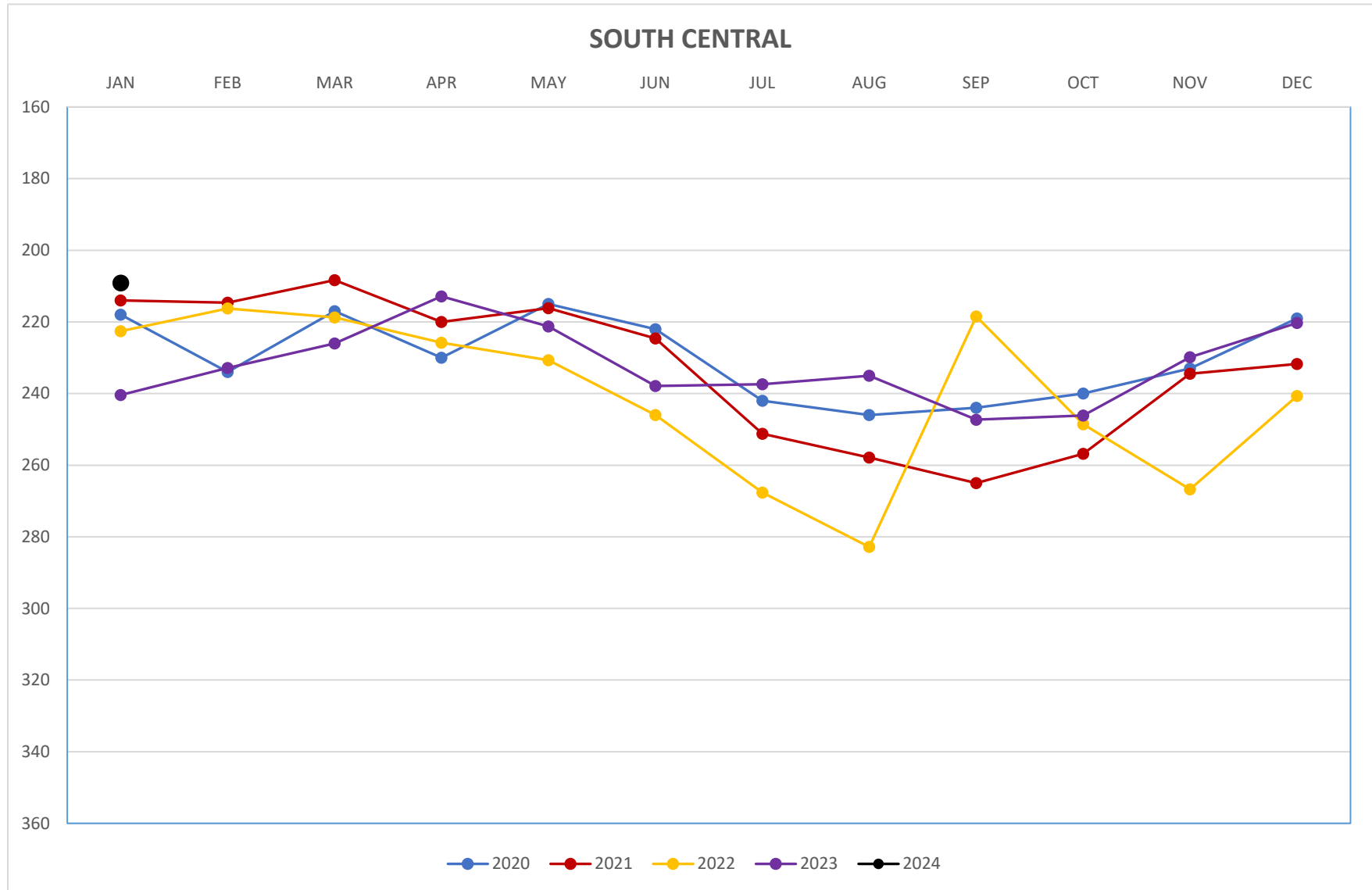
G = gated well, unable to access

R = running well, no measurement taken

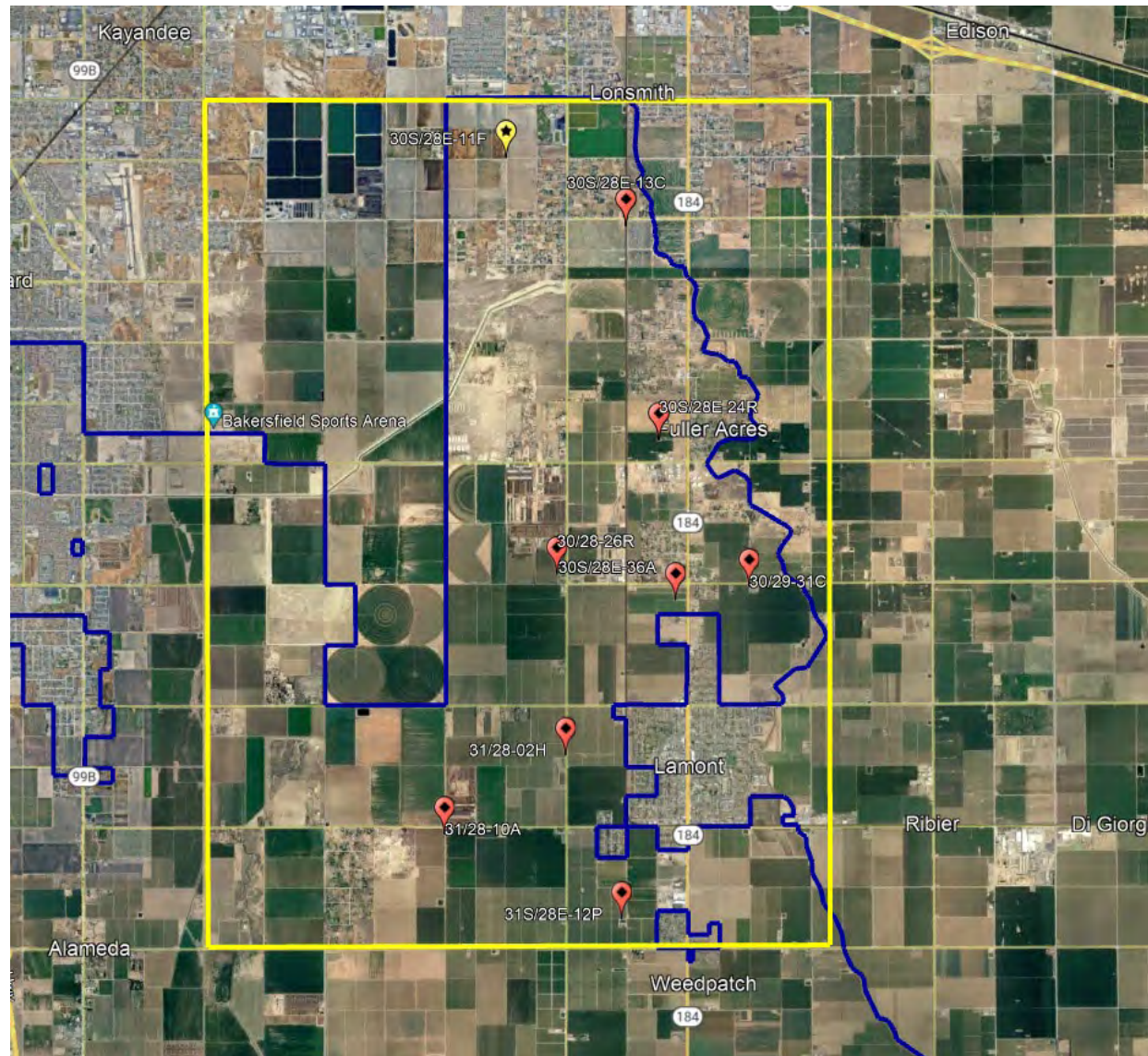
NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2024





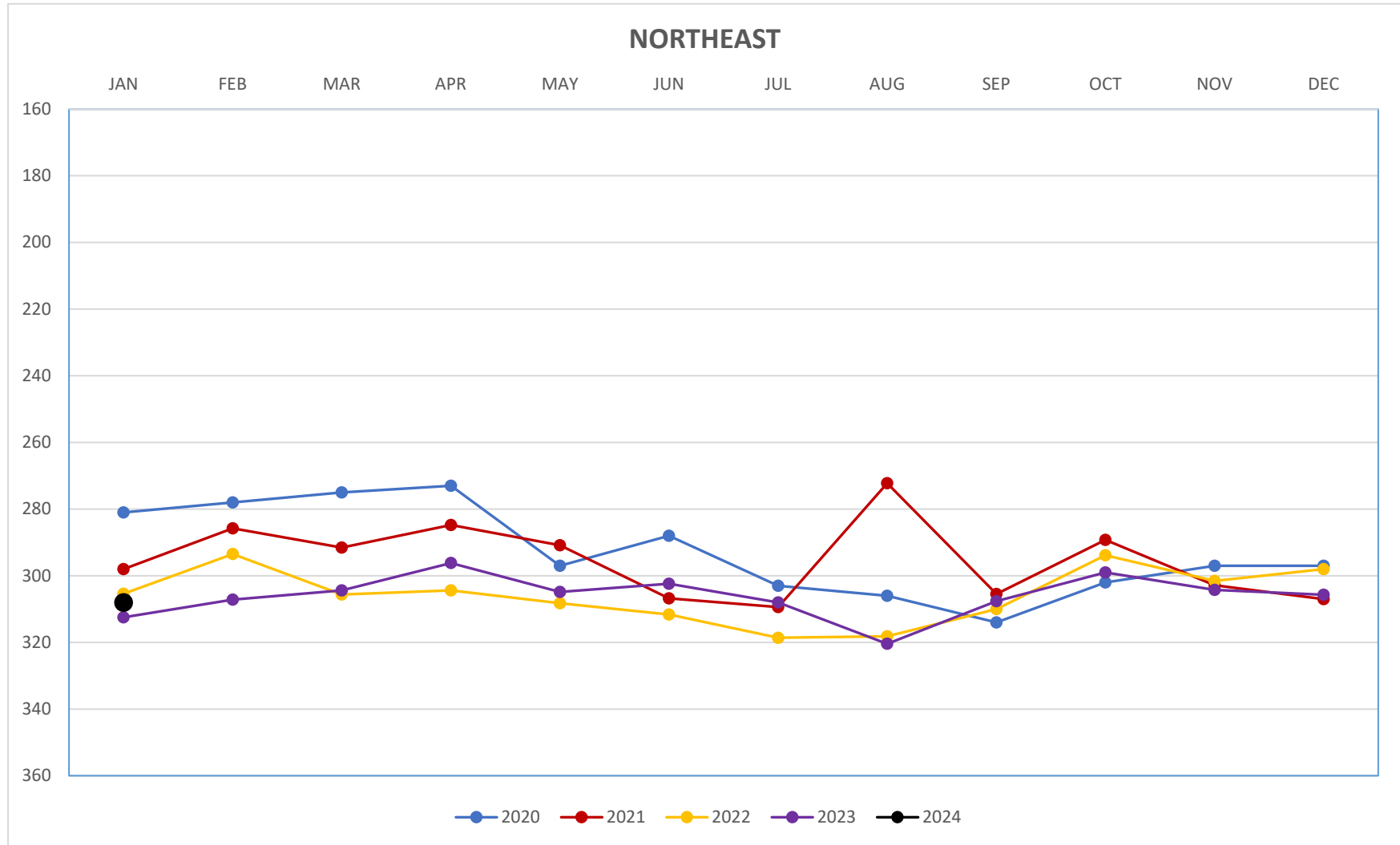


		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Northeast Quadrant	30/28-11F	263	264	272	NR	280												280	263	270
	30/28-13C	300	331	320	313	317												331	300	316
	30/28-26R	NR	NR	NR	NR	306												306	306	306
	30/28-36A	212	NR	NR	334	336												336	212	294
	30/29-31C	338	330	344	347	344												347	330	341
	31/28-02H	290	295	326	310	NR												326	290	305
	31/28-10A	253	258	265	269	265												269	253	262
	31/28-12P	284	NR	NR	302	NR												302	284	293
	MONTHLY AVG	277	296	305	313	308														
	MAXIMUM DEPTH TO WATER NE (running average for all data last 5 years)																	347		
	MINIMUM DEPTH TO WATER NE (running average for all data last 5 years)																	212		
	AVERAGE DEPTH TO WATER NE (running average for all data last 5 years)																	299		

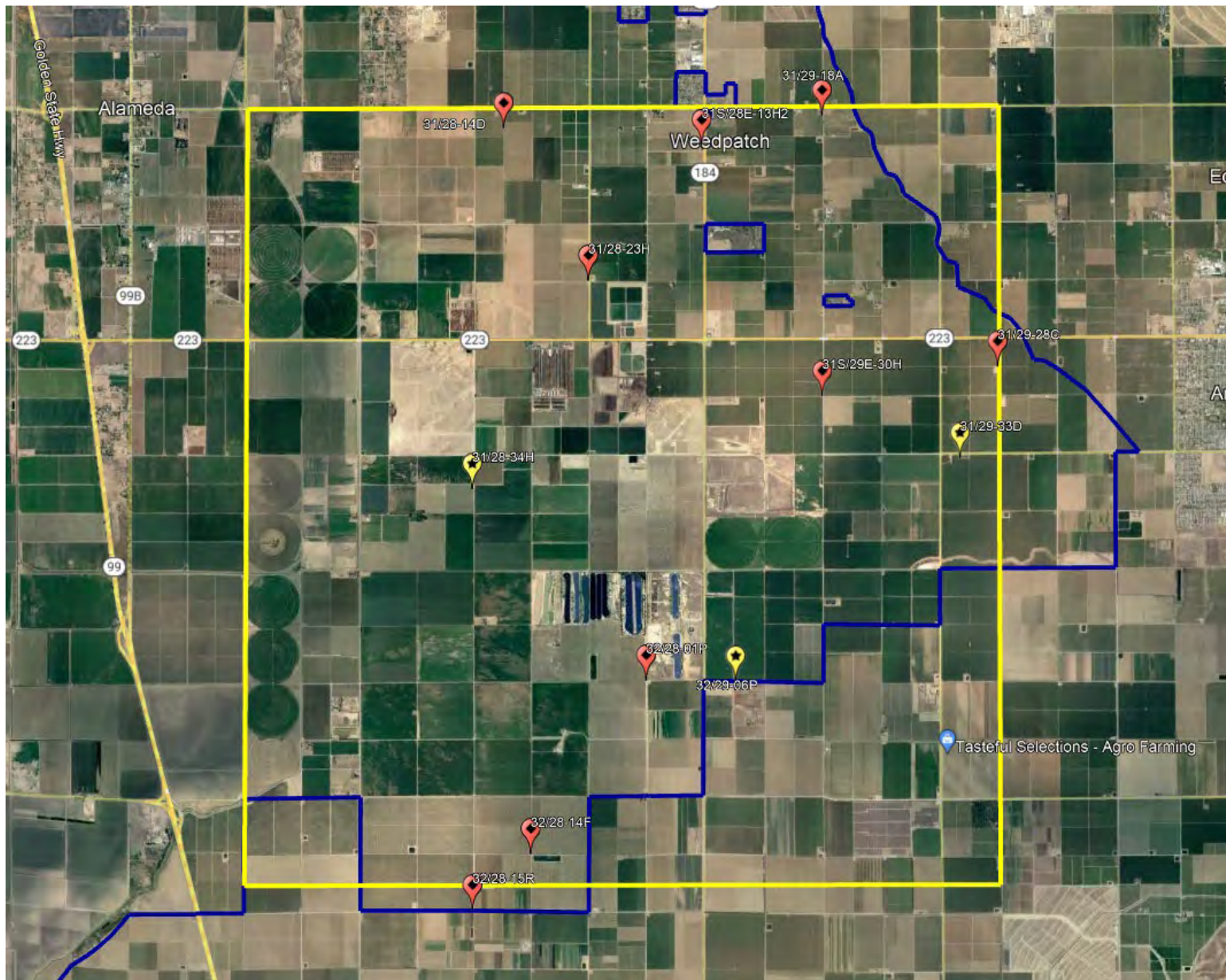
G = gated well, unable to access  
R = running well, no measurement taken  
NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2024





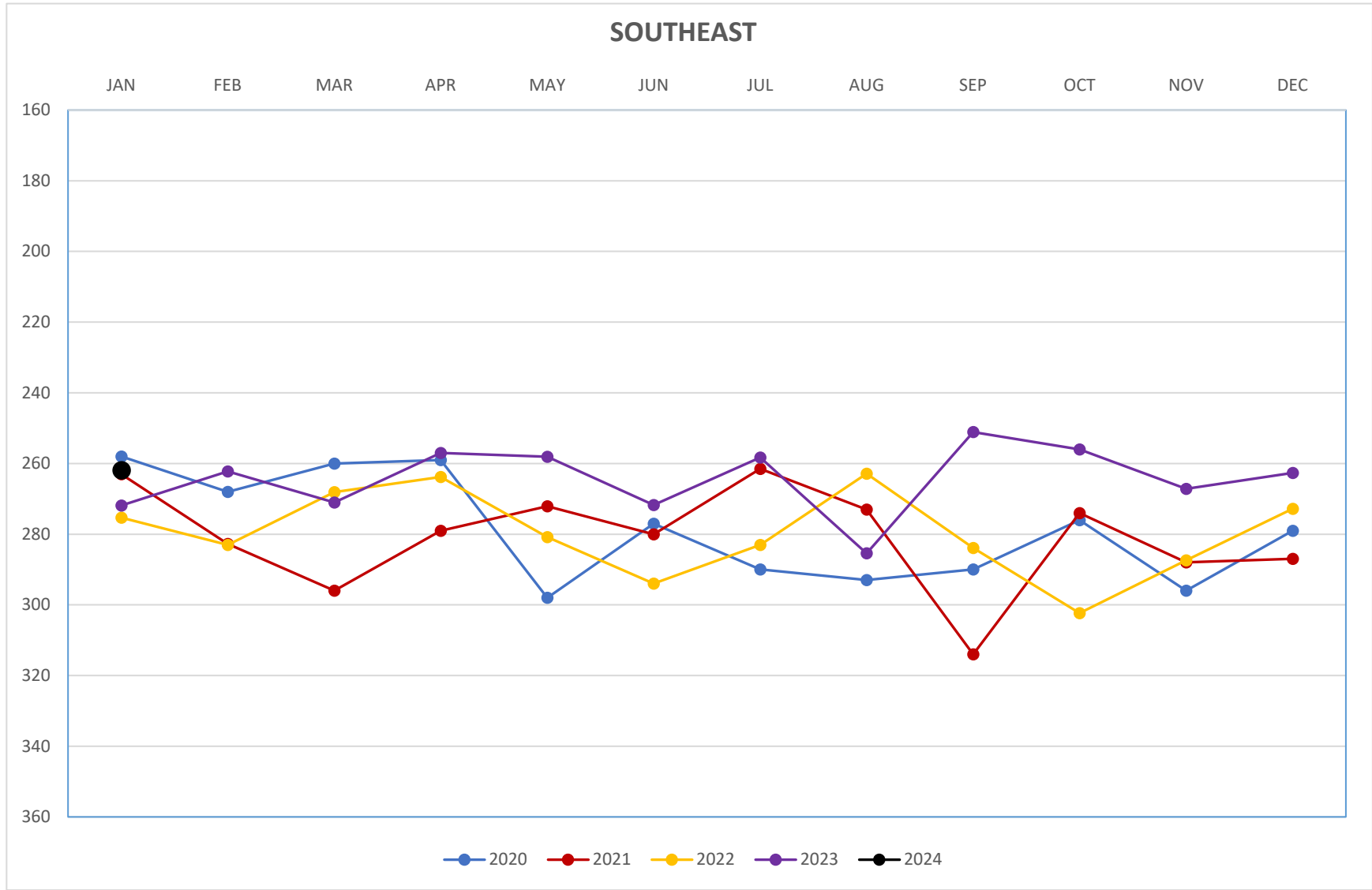


		JAN 2020	JAN 2021	JAN 2022	JAN 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUN 2024	JUL 2024	AUG 2024	SEP 2024	OCT 2024	NOV 2024	DEC 2024	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southeast Quadrant	31/28-13H2	NR	NR	290	299	296												299	290	295
	31/28-14D	230	235	247	245	243												247	230	240
	31/28-23H	286	275	276	313	300												313	275	290
	31/28-34H	206	204	203	213	224												224	203	210
	31/29-28C	344	NR	NR	201	NR												344	201	273
	31/29-30H	NR	331	353	333	324												353	324	335
	31/29-33D	250	338	239	347	341												347	239	303
	32/28-14F	222	241	NR	NR	243												243	222	235
	32/28-15R	272	291	314	298	R												314	272	294
	32/28-01P	NR	NR	207	NR	196												207	196	202
	32/29-06P	177	208	NR	198	190												208	177	193
	MONTHLY AVG	248	265	266	272	262														
	MAXIMUM DEPTH TO WATER SE (running average for all data last 5 years)																	353		
	MINIMUM DEPTH TO WATER SE (running average for all data last 5 years)																	177		
	AVERAGE DEPTH TO WATER SE (running average for all data last 5 years)																	263		

G = gated well, unable to access  
 R = running well, no measurement taken  
 NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

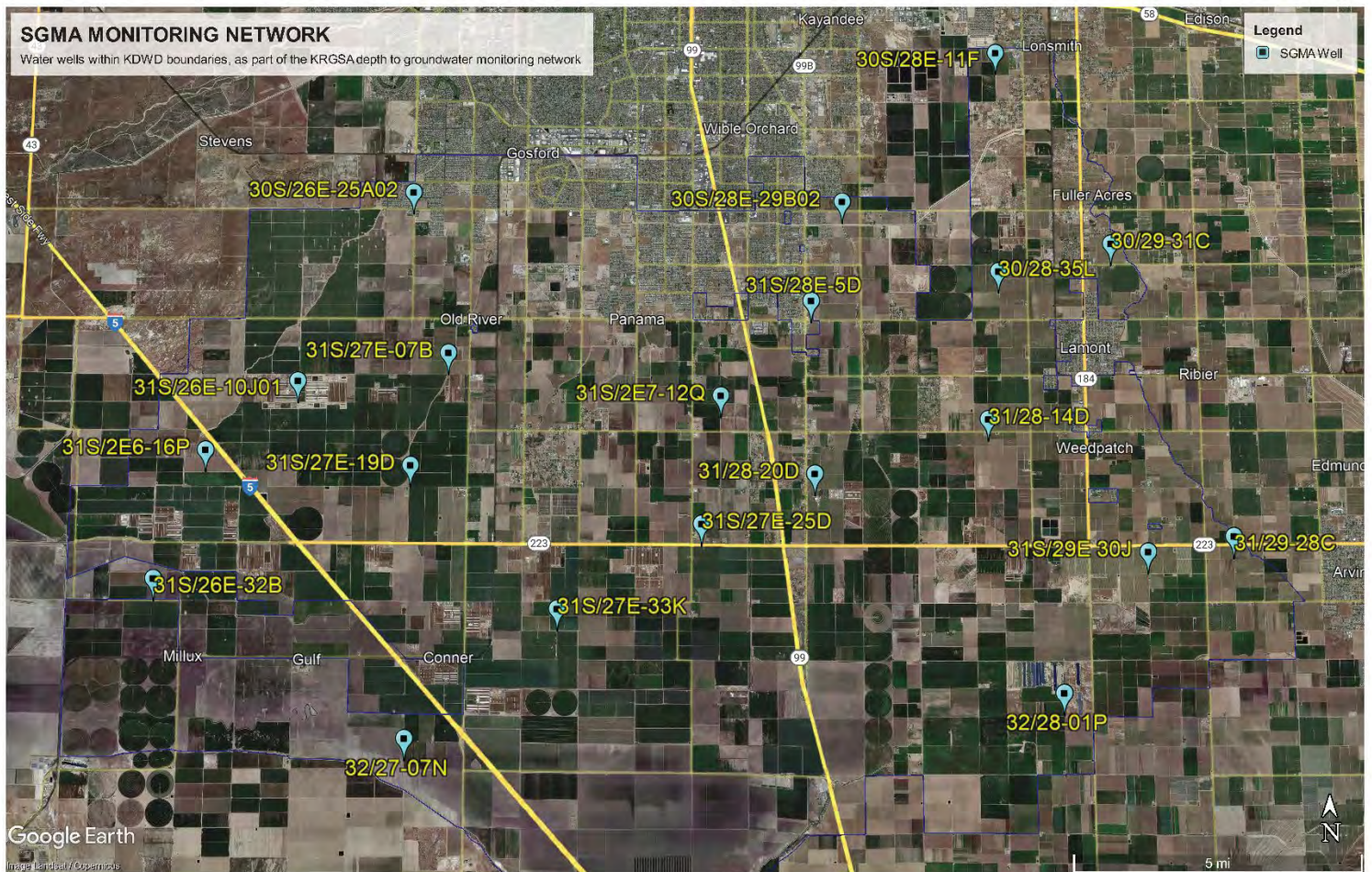
2024







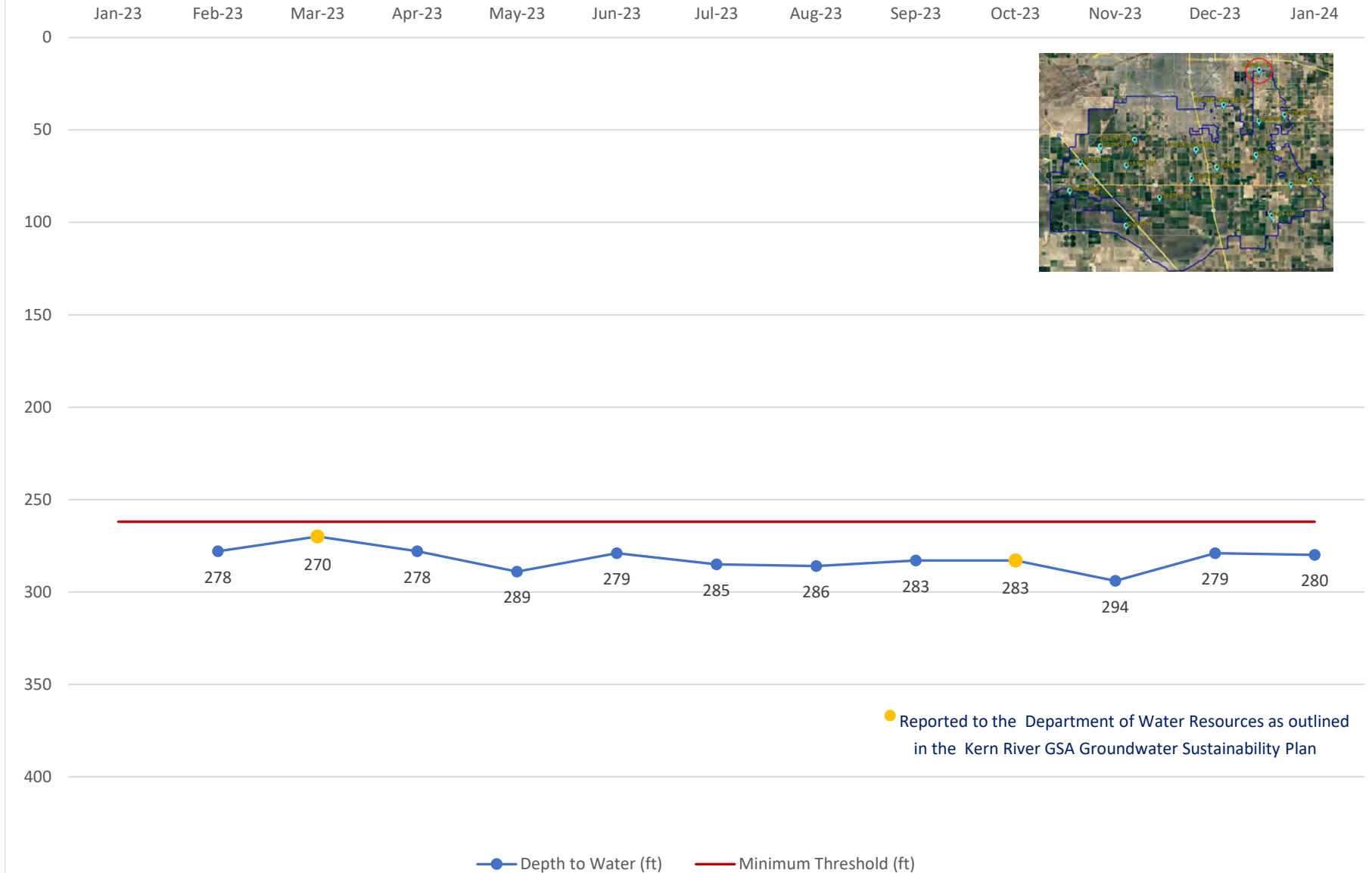
# Monthly SGMA Wells Monitoring Report



January 2024

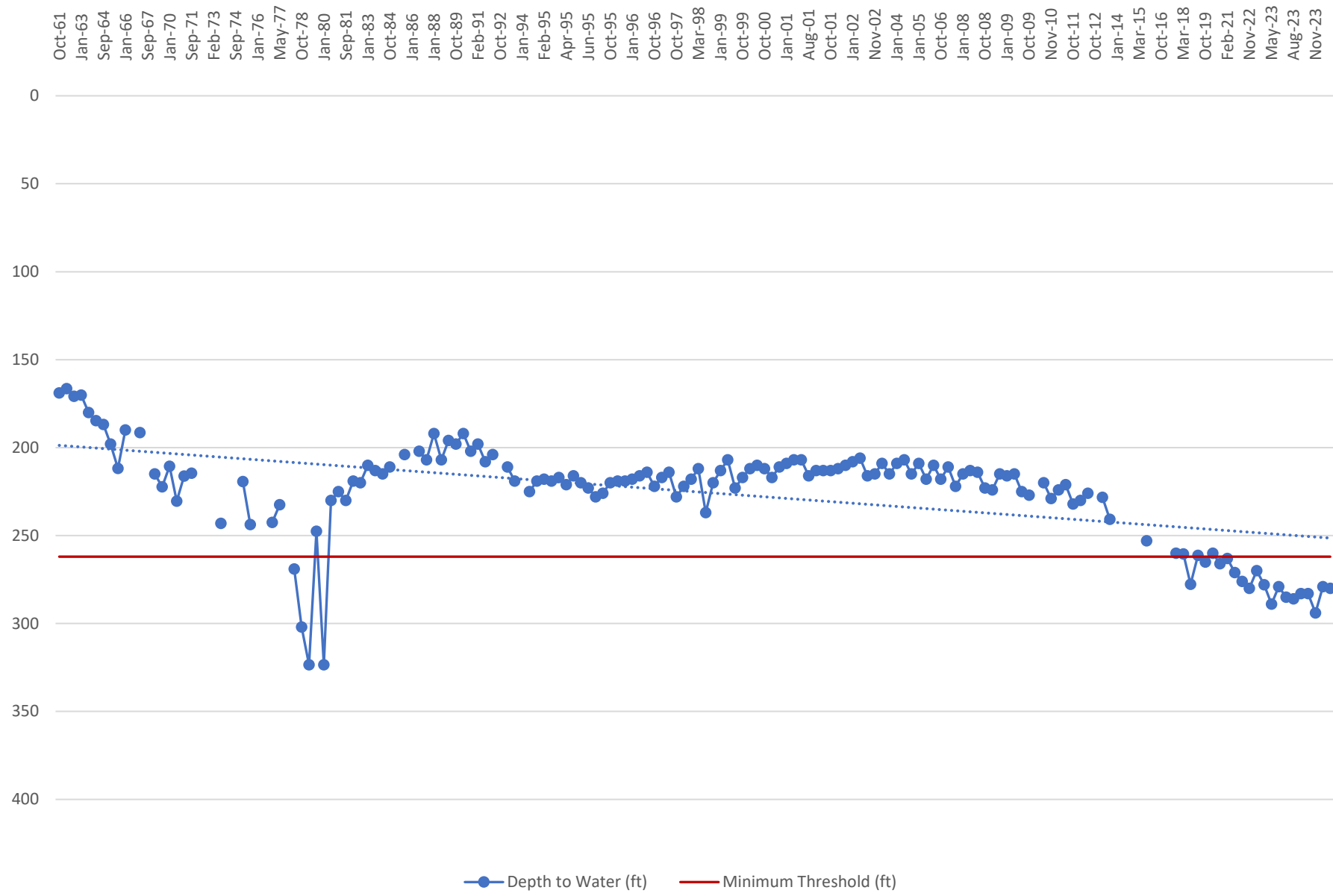
# RMW-030 30S/28E-11F

not to exceed 262' (depth to water)



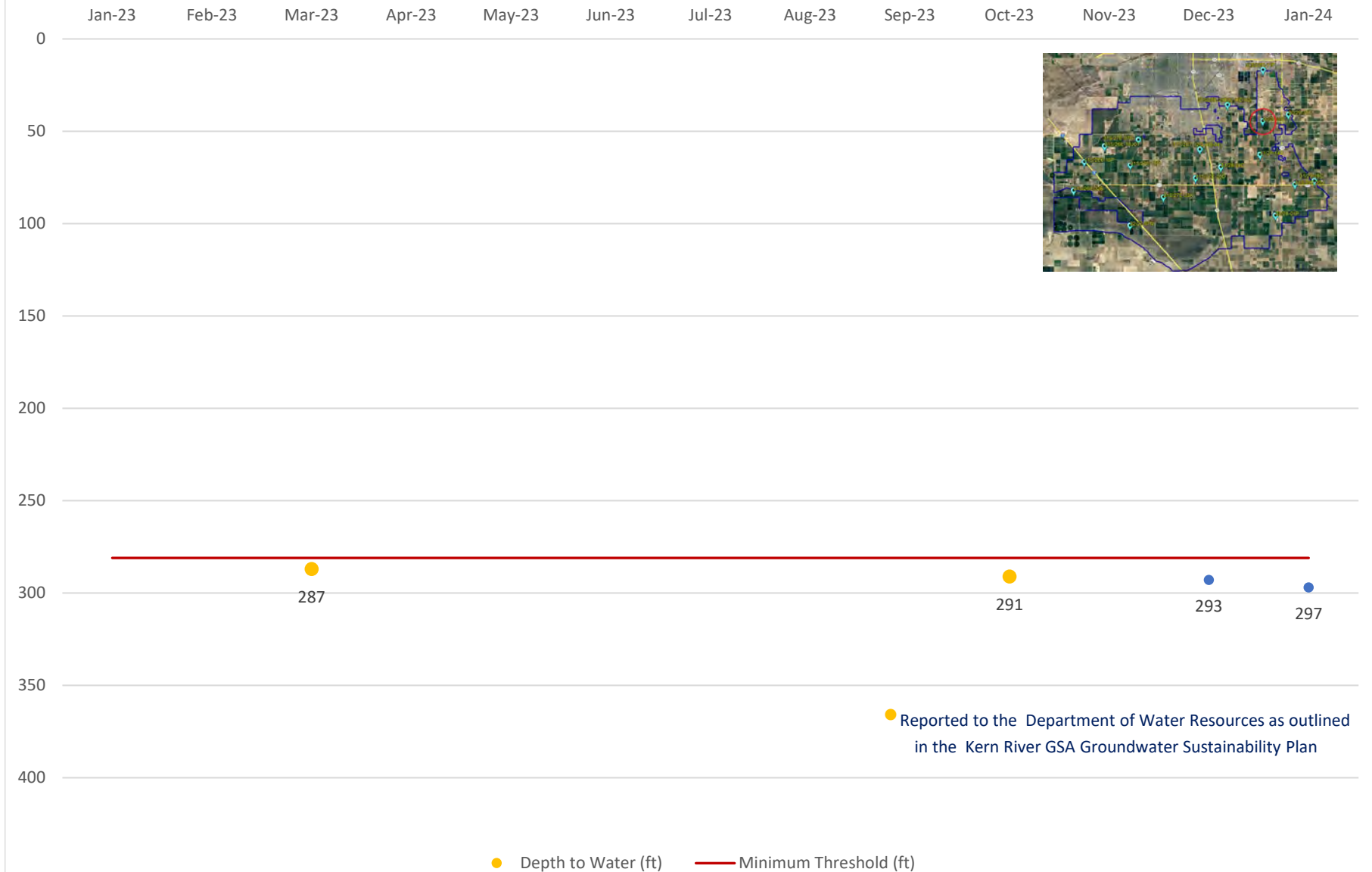


# RMW-030 Long-term

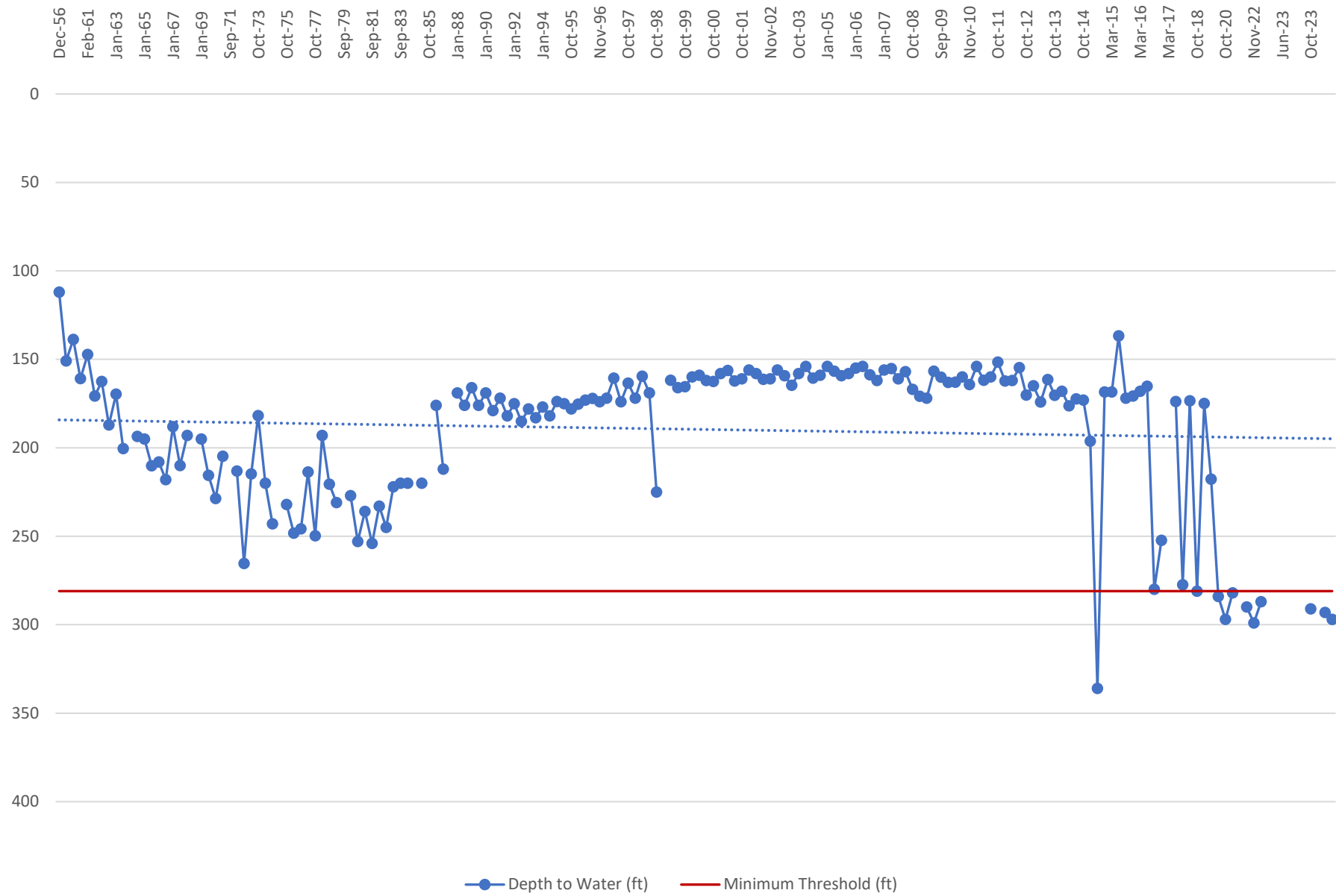


# RMW-034 30S/28E-35L

not to exceed 281' (depth to water)

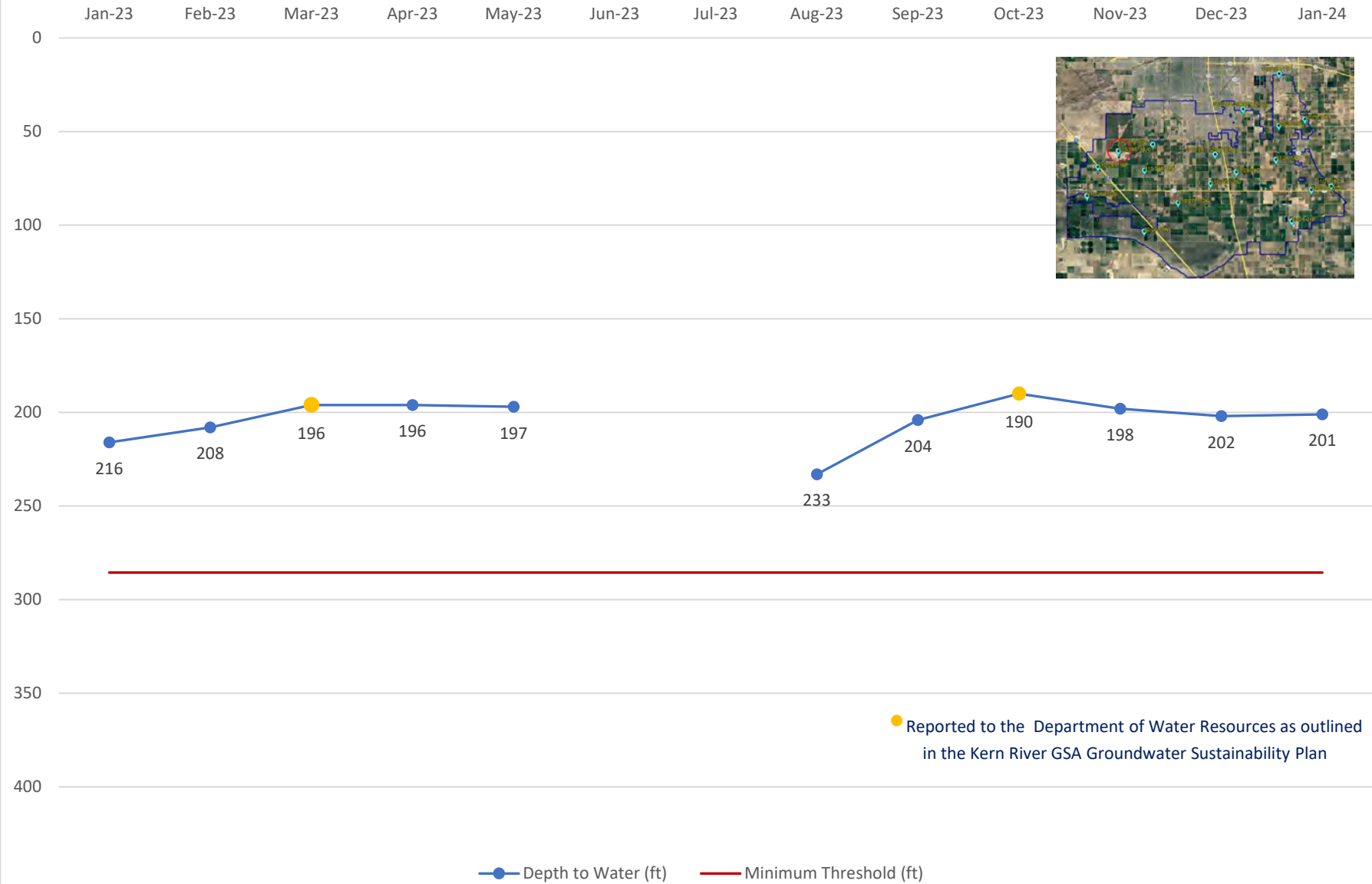


# RMW-034 Long-term

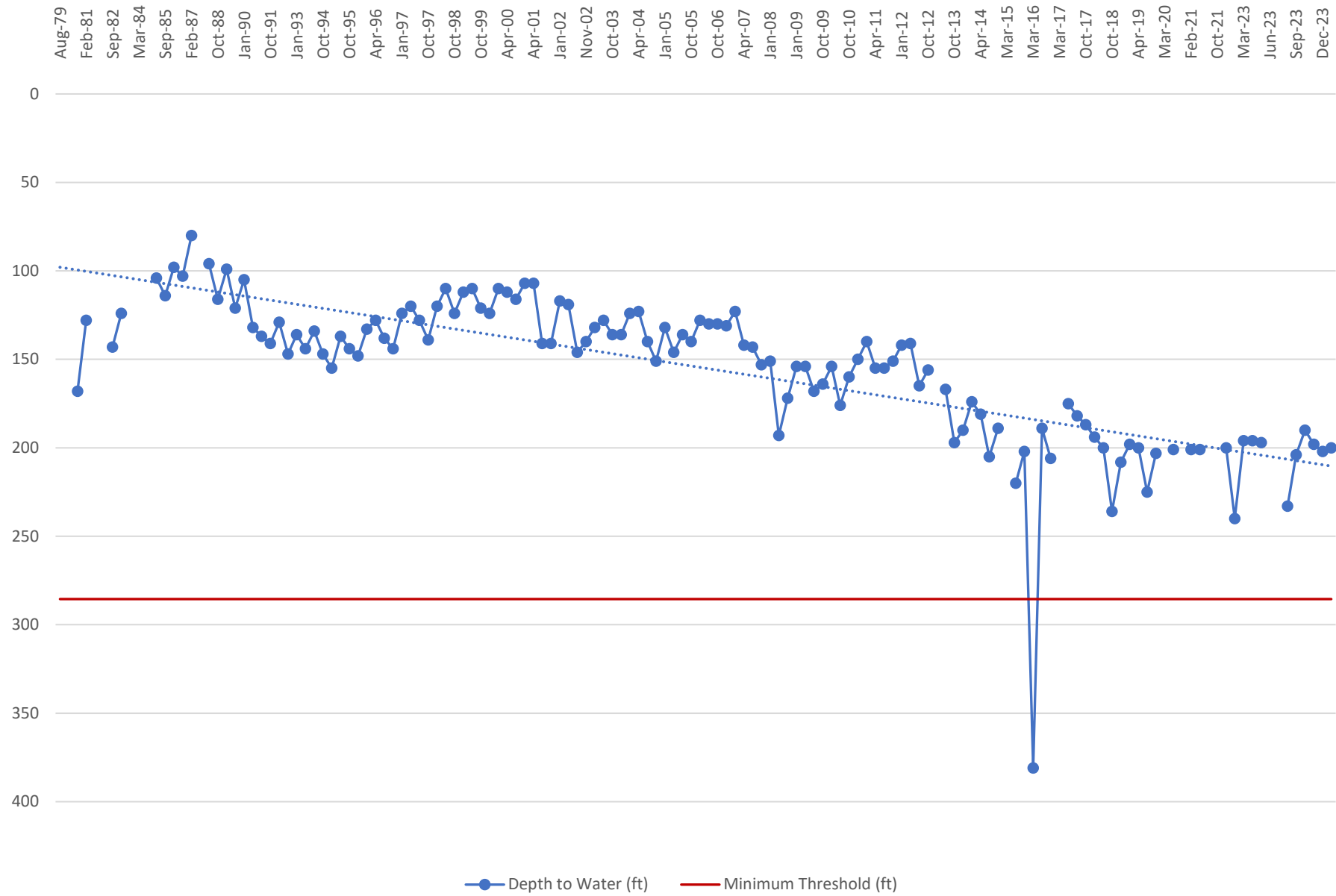


# RMW-035R 31S/26E-10J

not to exceed 285.5' (depth to water)

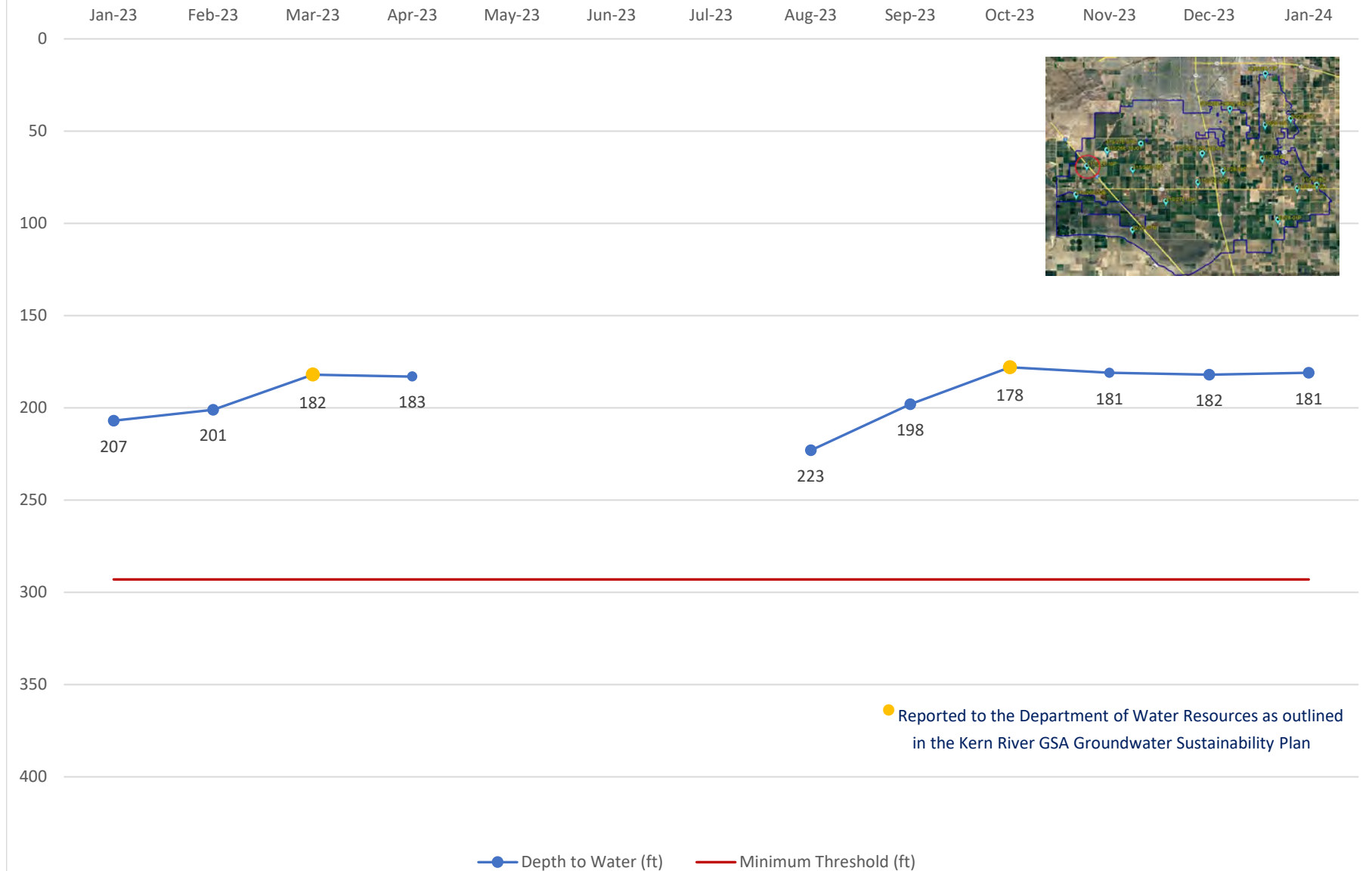


# RMW-035R Long-term

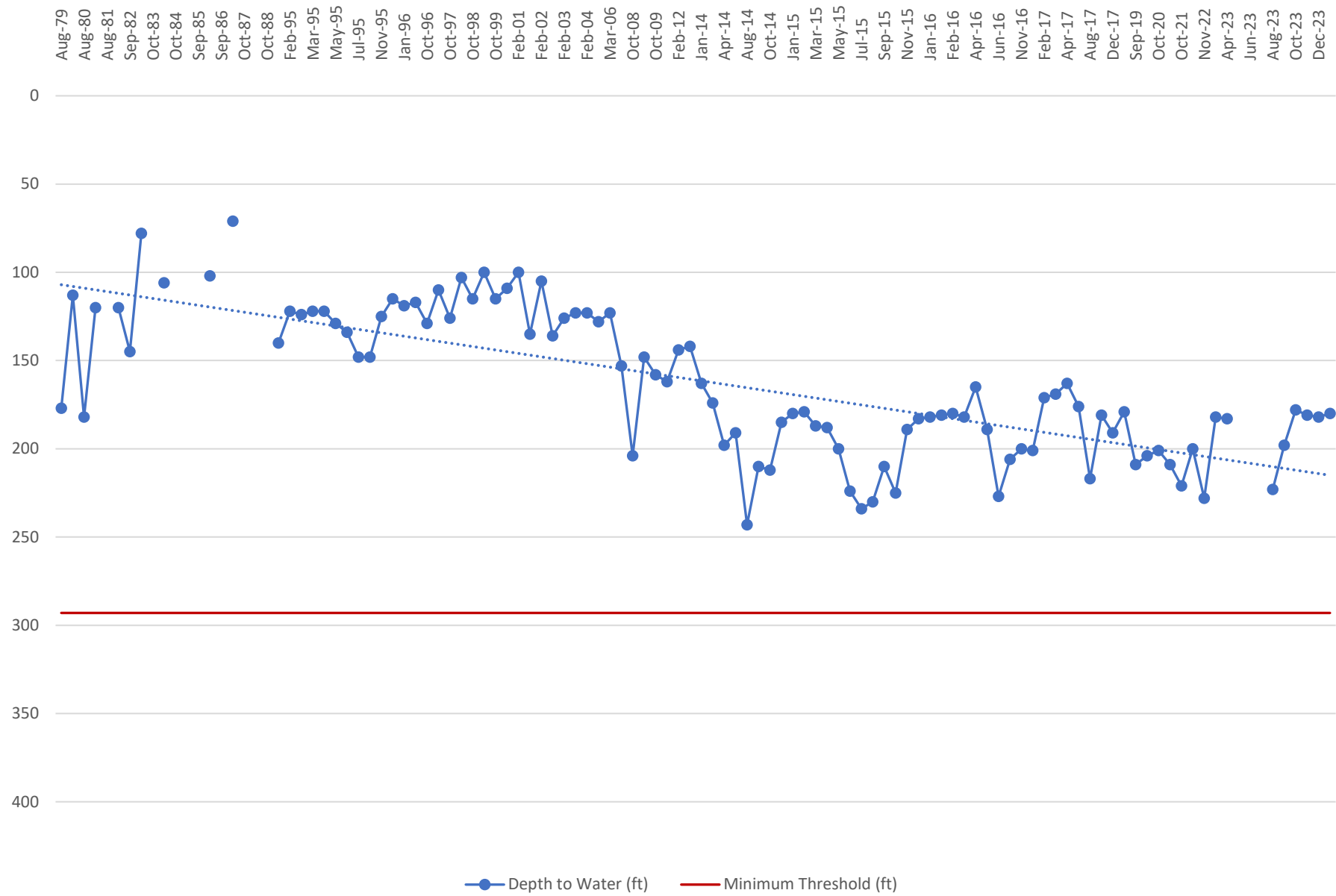


# RMW-037 31S/26E-16P

not to exceed 293' (depth to water)



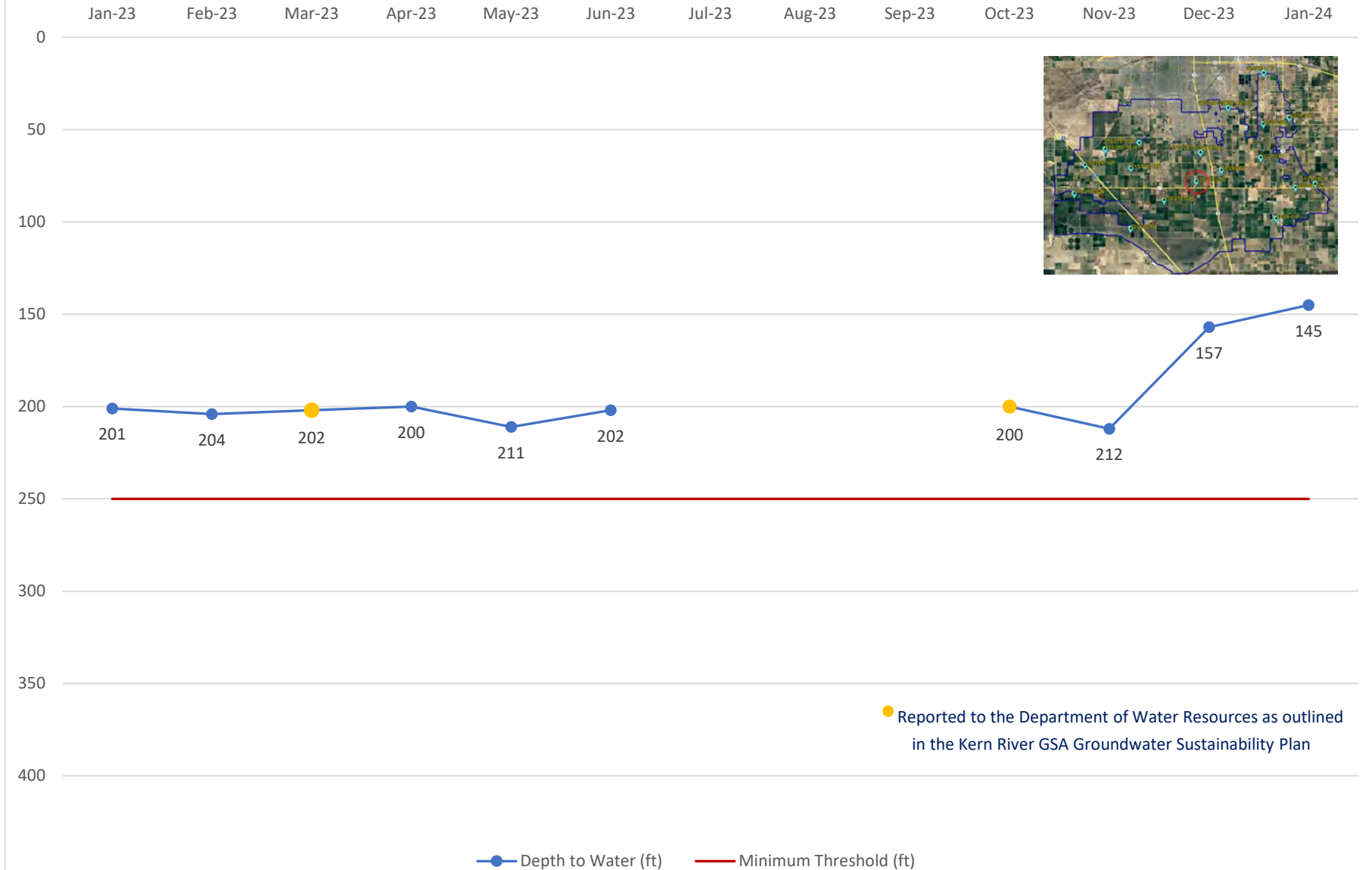
# RMW-037 Long-term



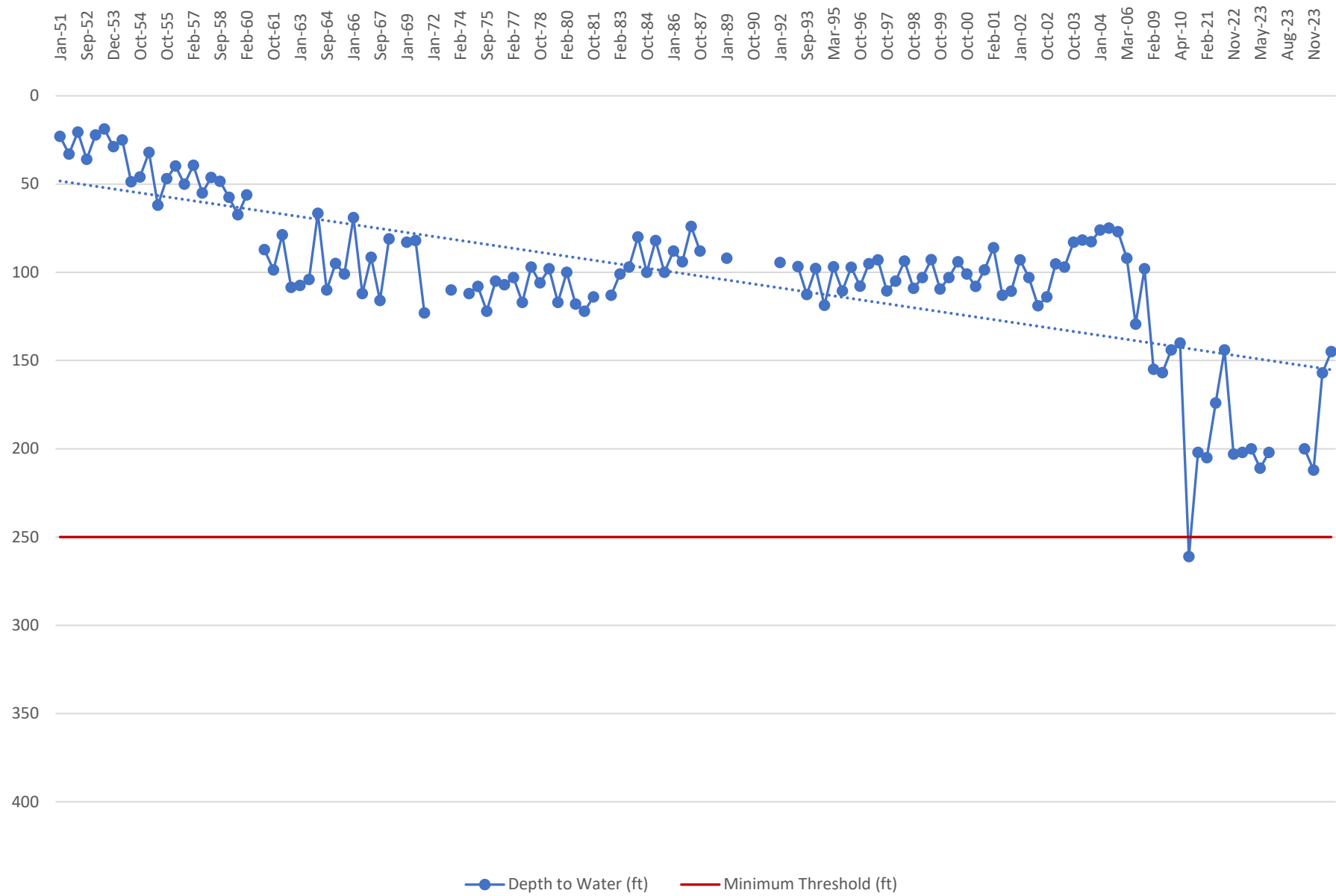


# RMW-040 31S/27E-25D

not to exceed 250' (depth to water)

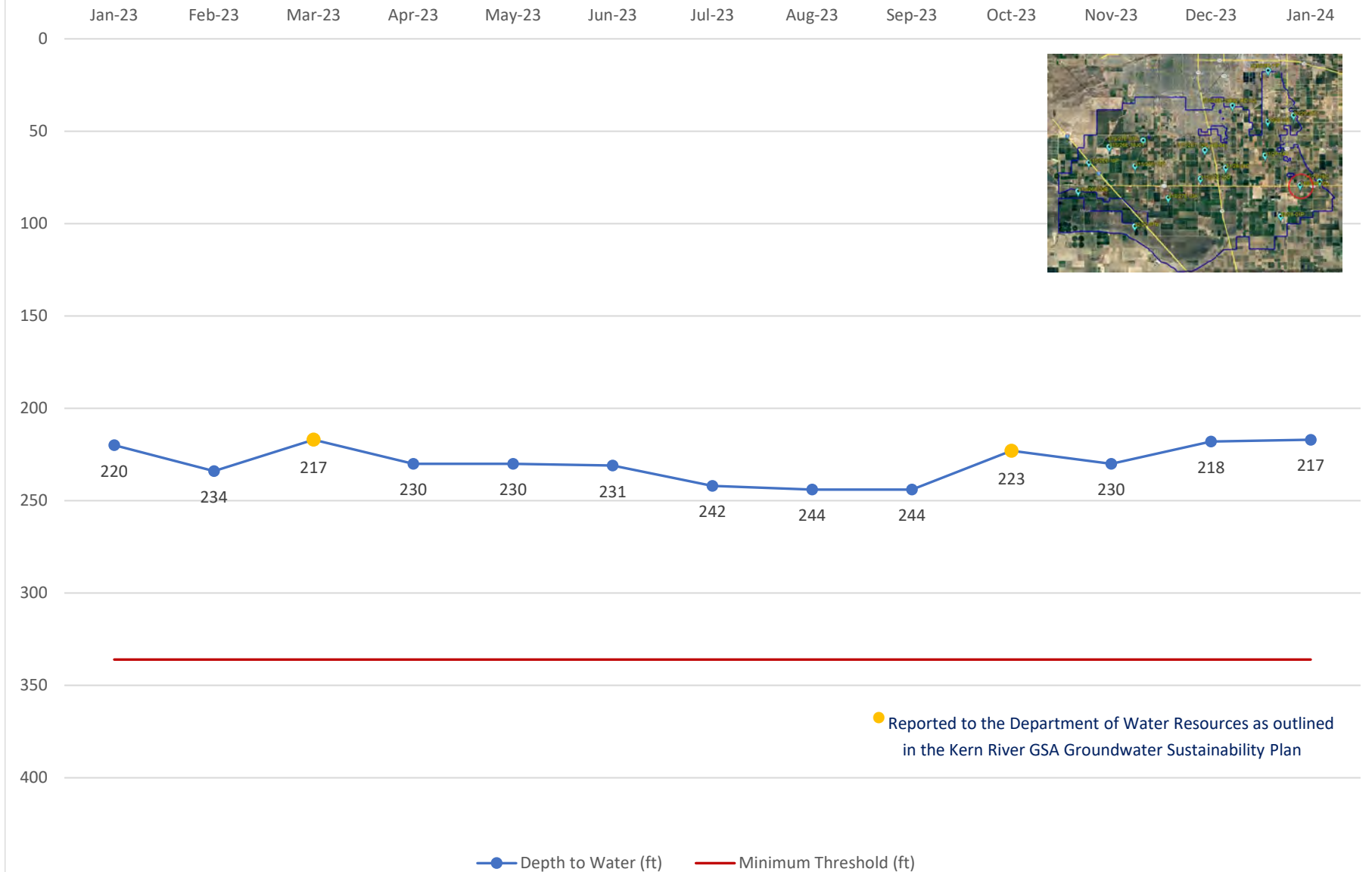


# RMW-040 Long-term

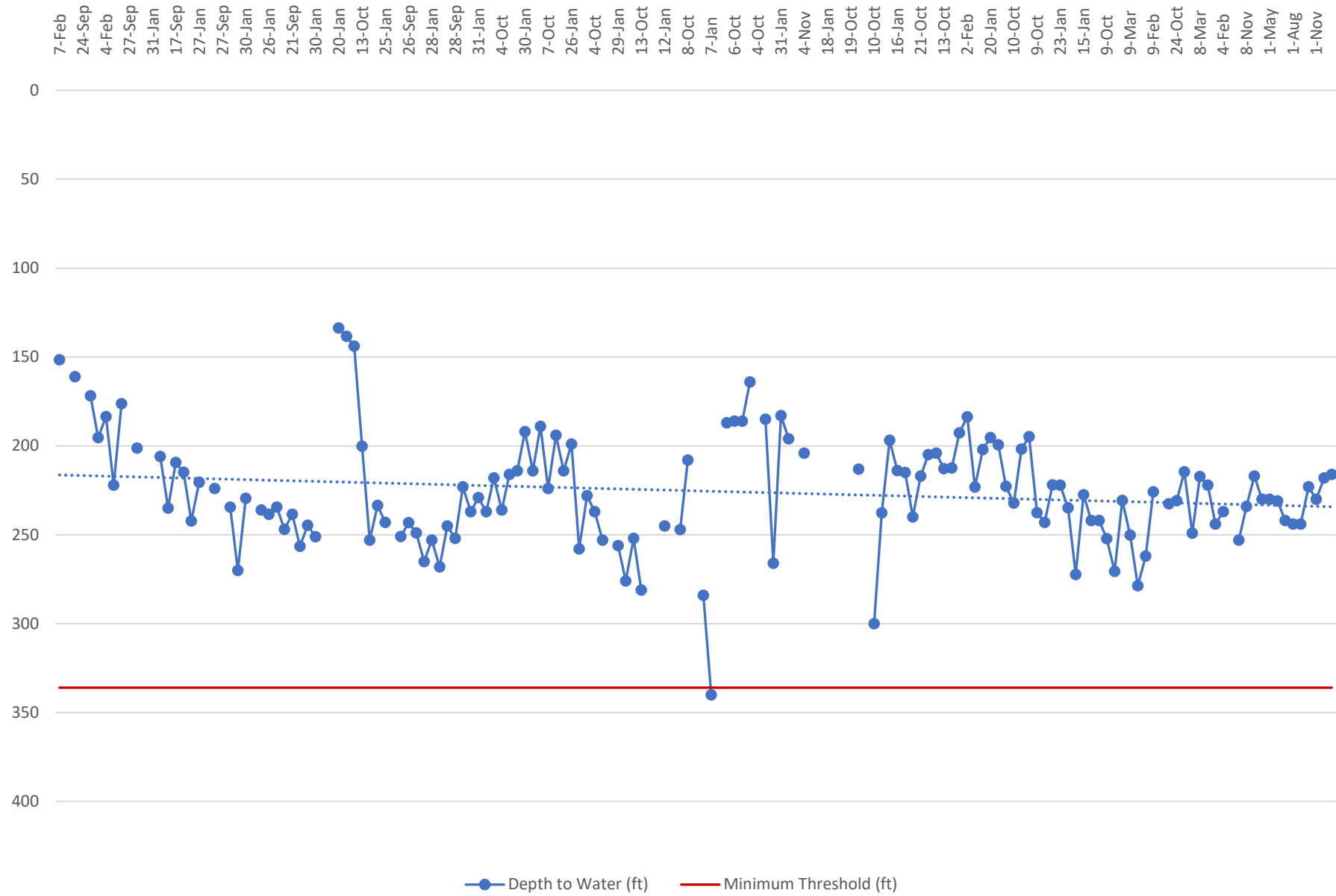


# RMW-041 31S/29E-30J

not to exceed 336' (depth to water)

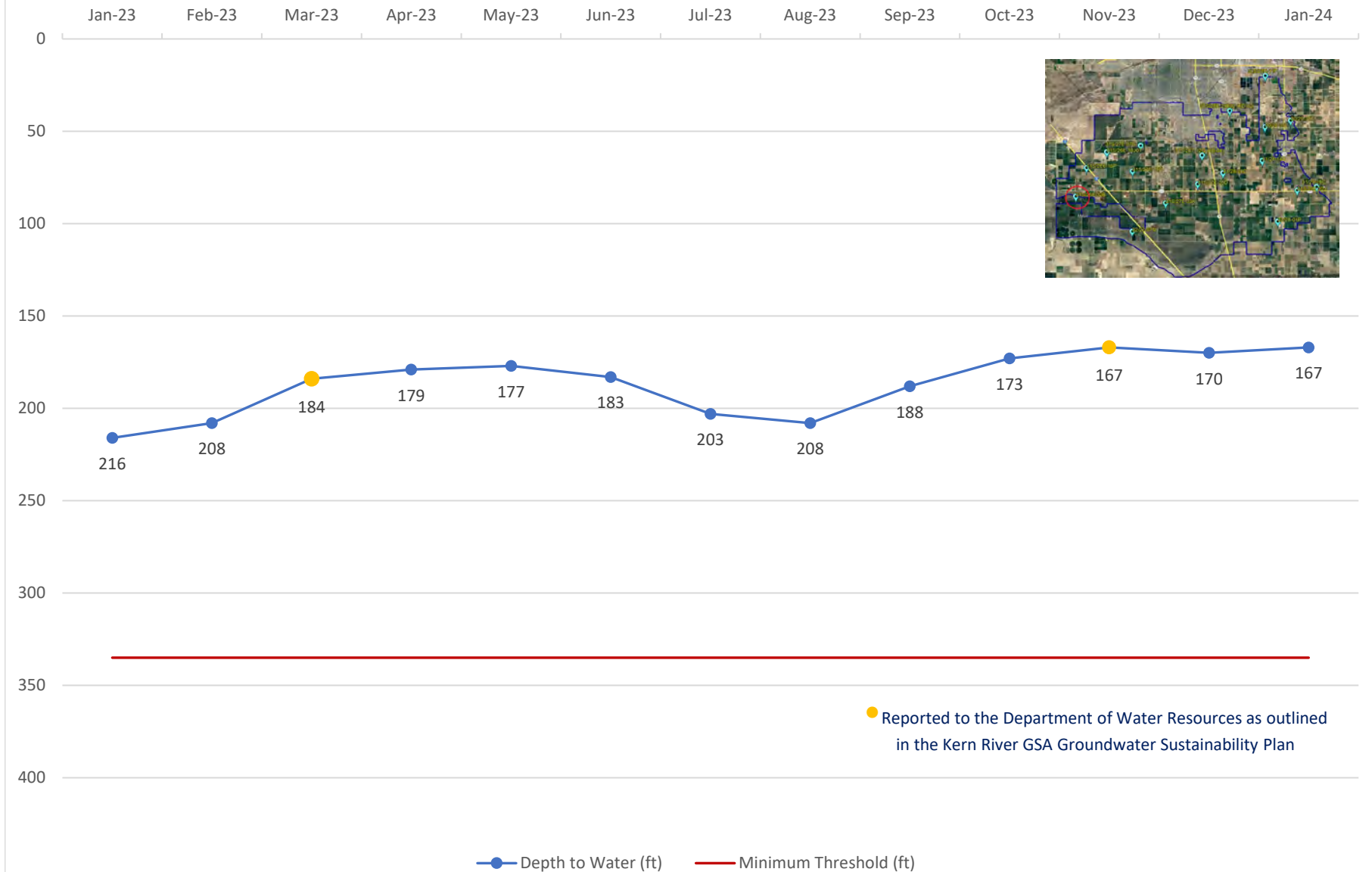


# RMW-041 Long-term

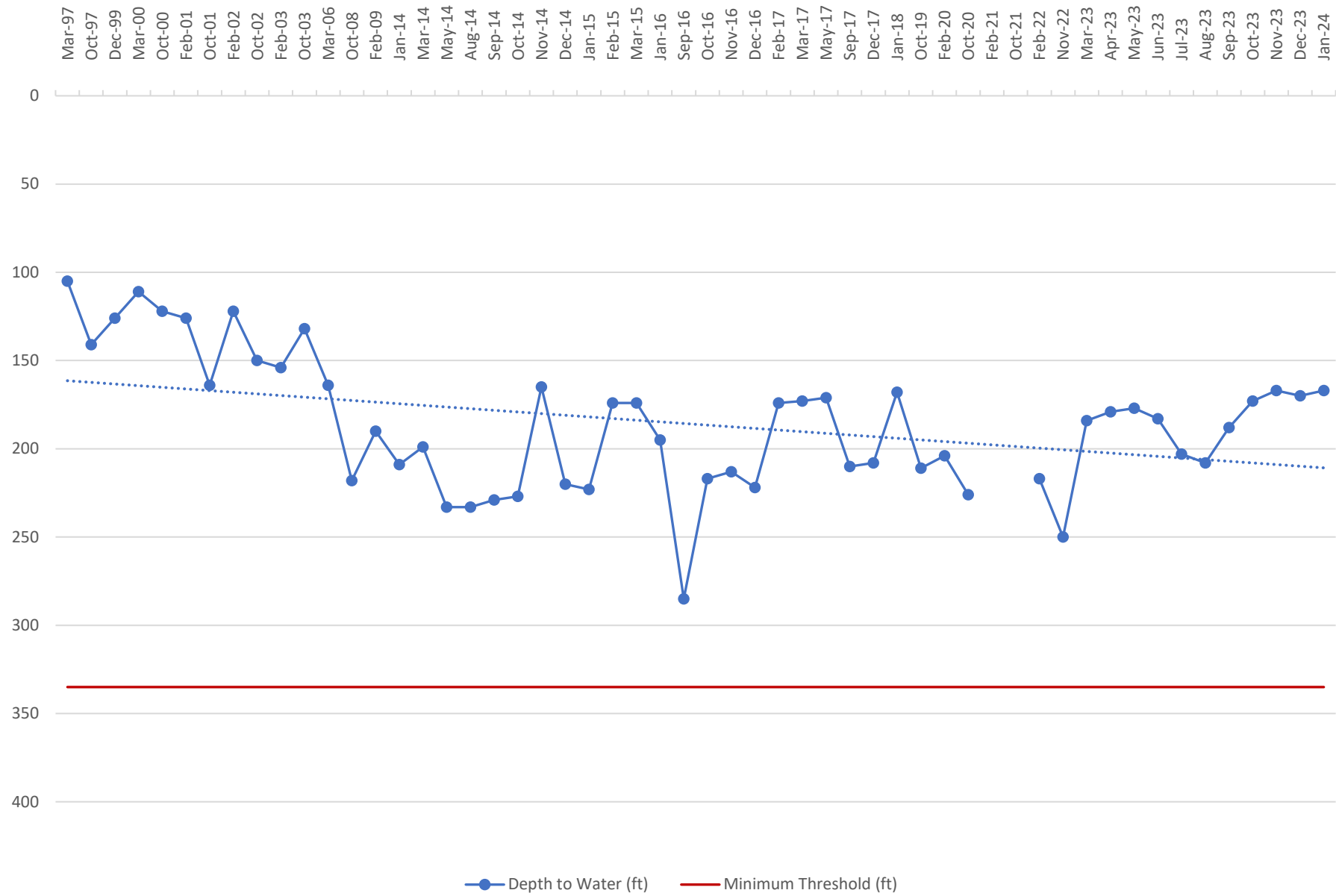


# RMW-042 31S/26E-32B

not to exceed 335' (depth to water)



# RMW-042 Long-term



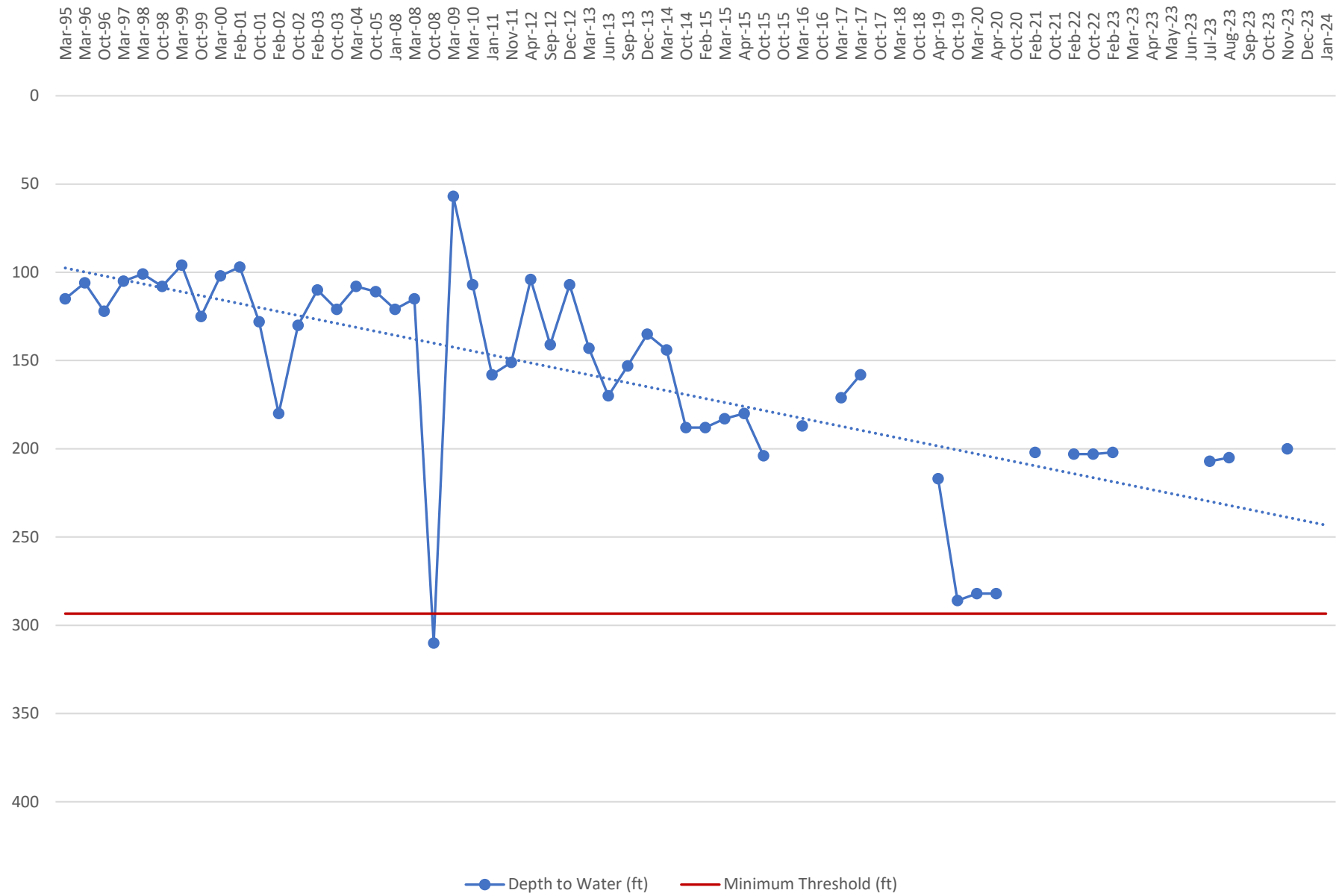


# RMW-192 31S/28E-20D

not to exceed 293.4' (depth to water)

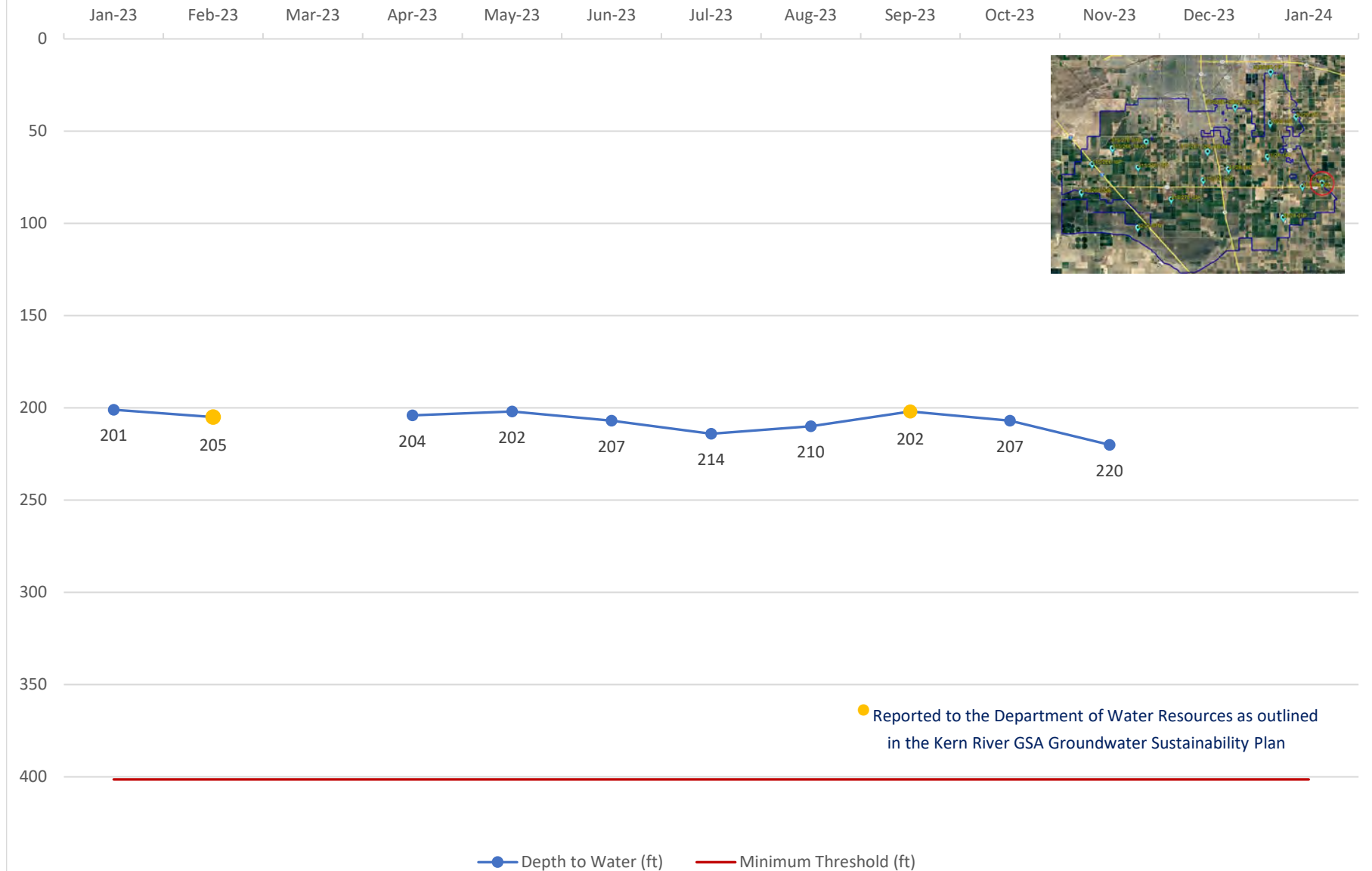


# RMW-192 Long-term

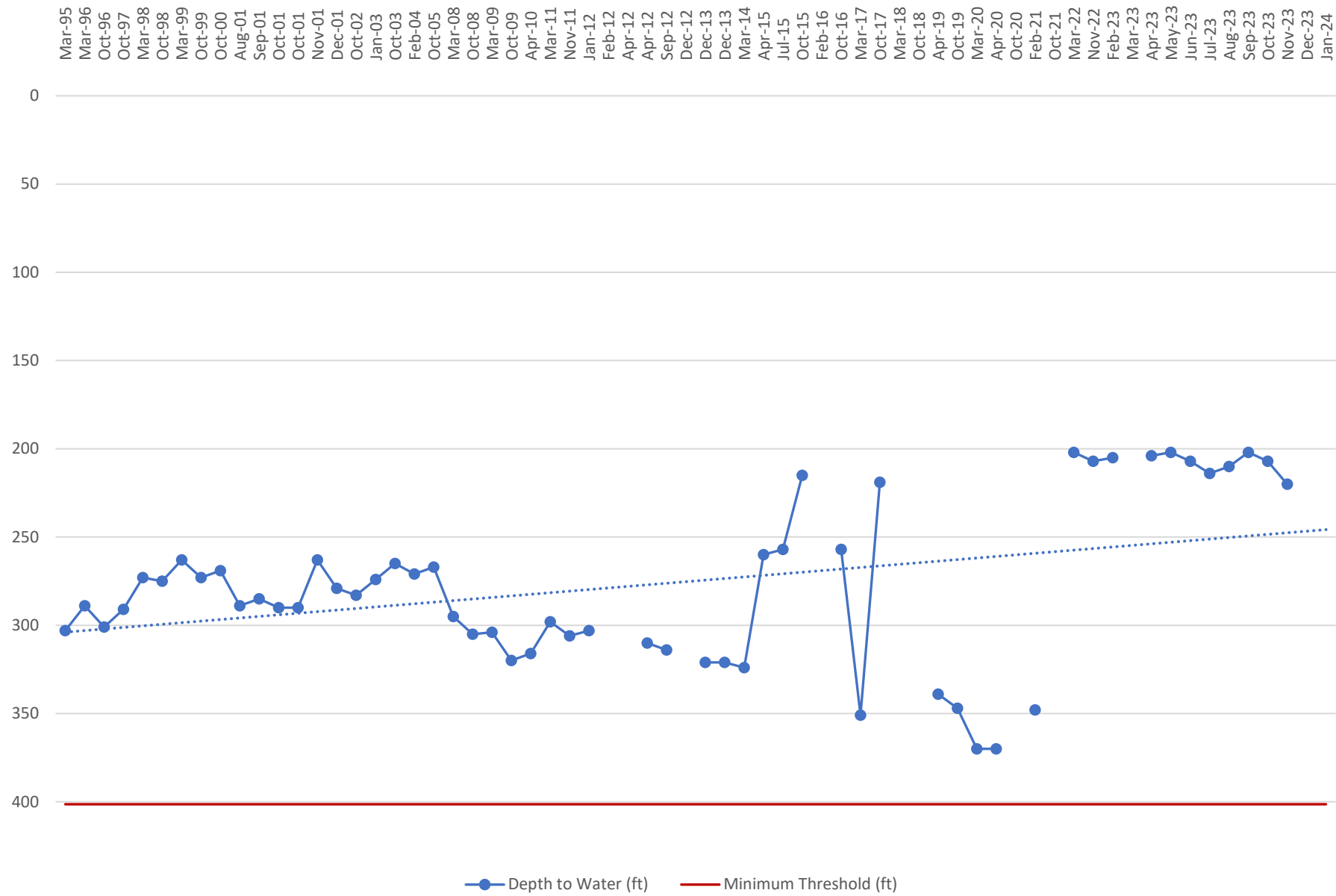


# RMW-193 31S/29E-28C

not to exceed 401.4' (depth to water)

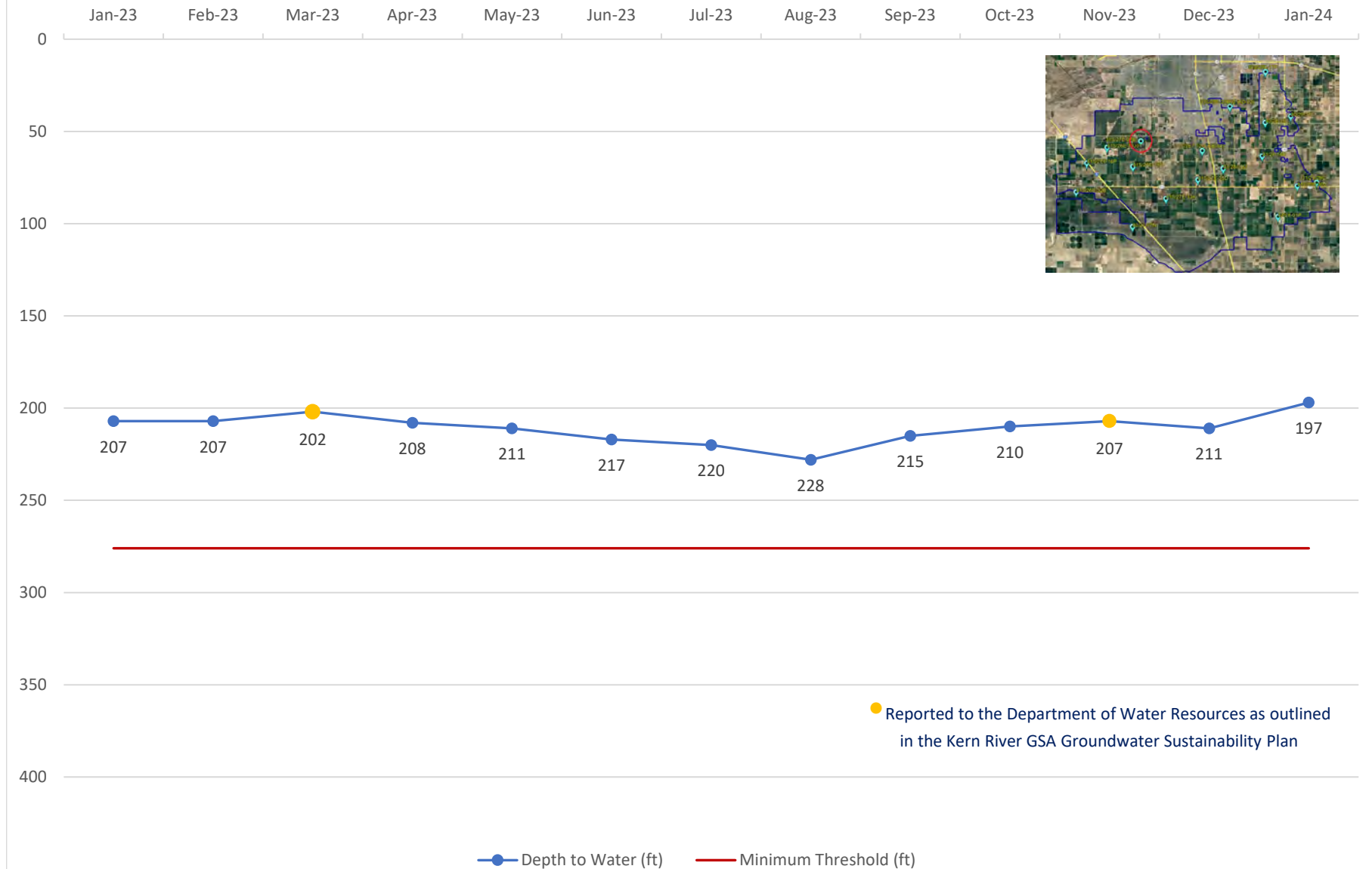


# RMW-193 Long-term

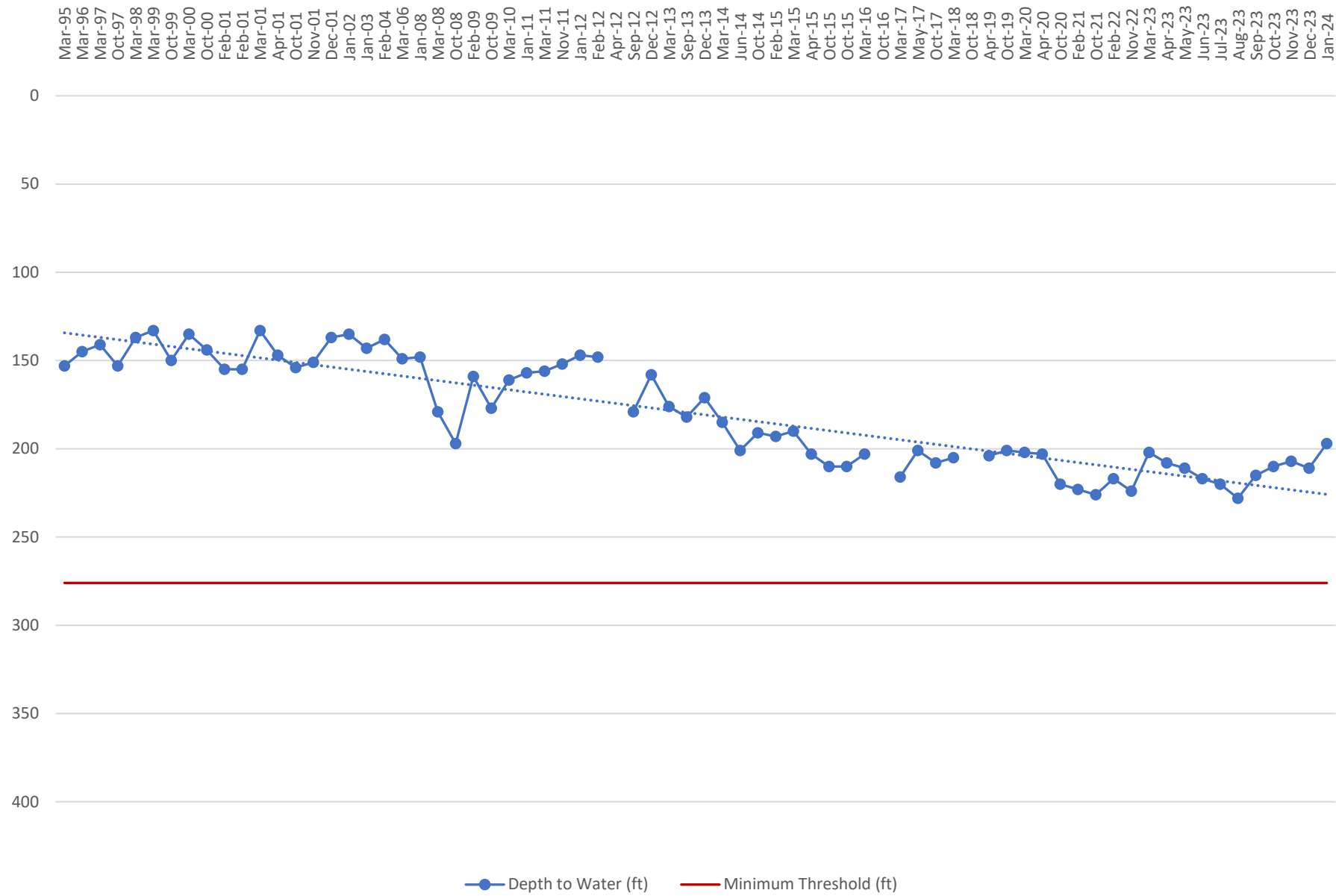


# RMW-195 31S/27E-07B

not to exceed 276' (depth to water)



# RMW-195 Long-term



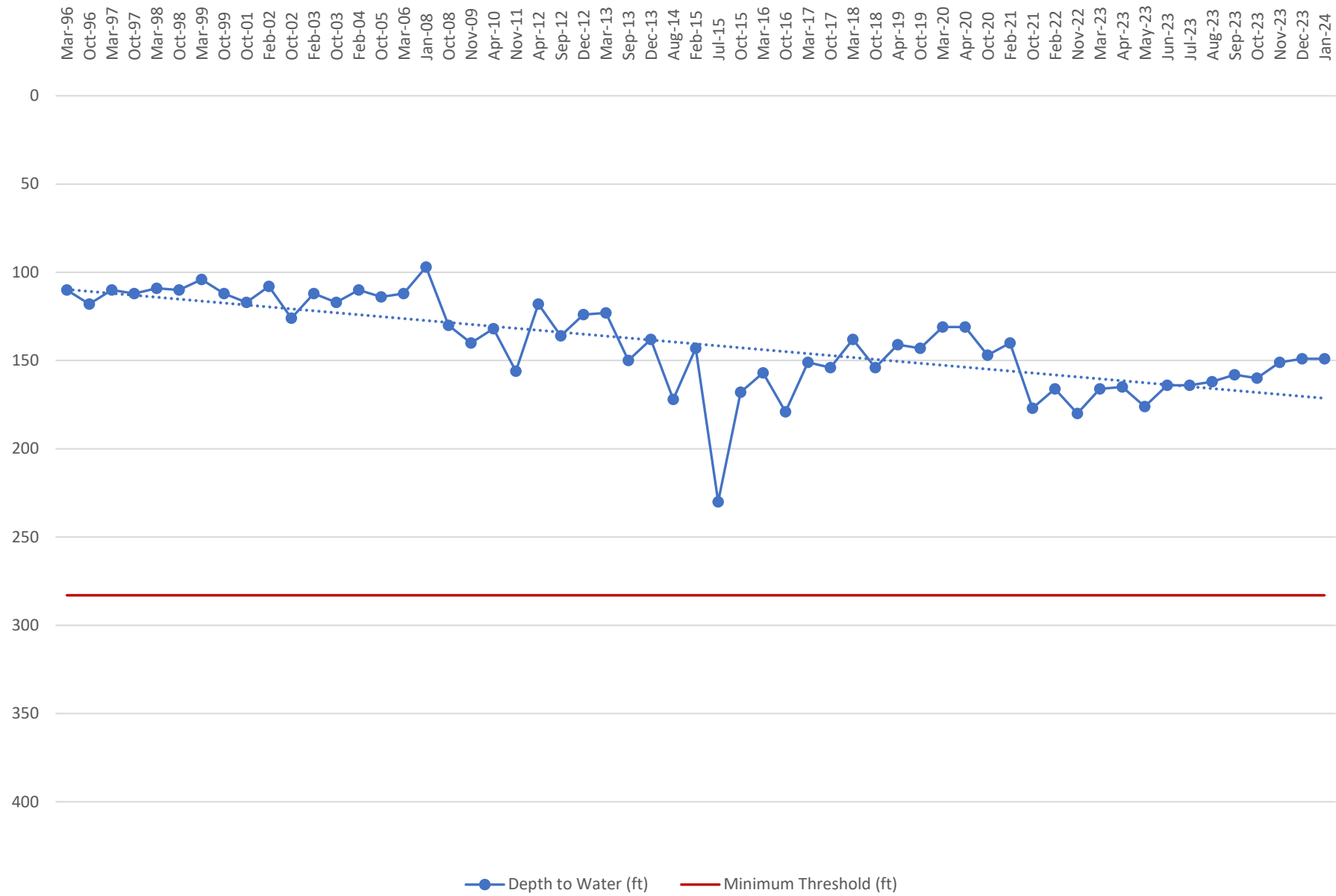


# RMW-196 31S/27E-12Q

not to exceed 283' (depth to water)



# RMW-196 Long-term

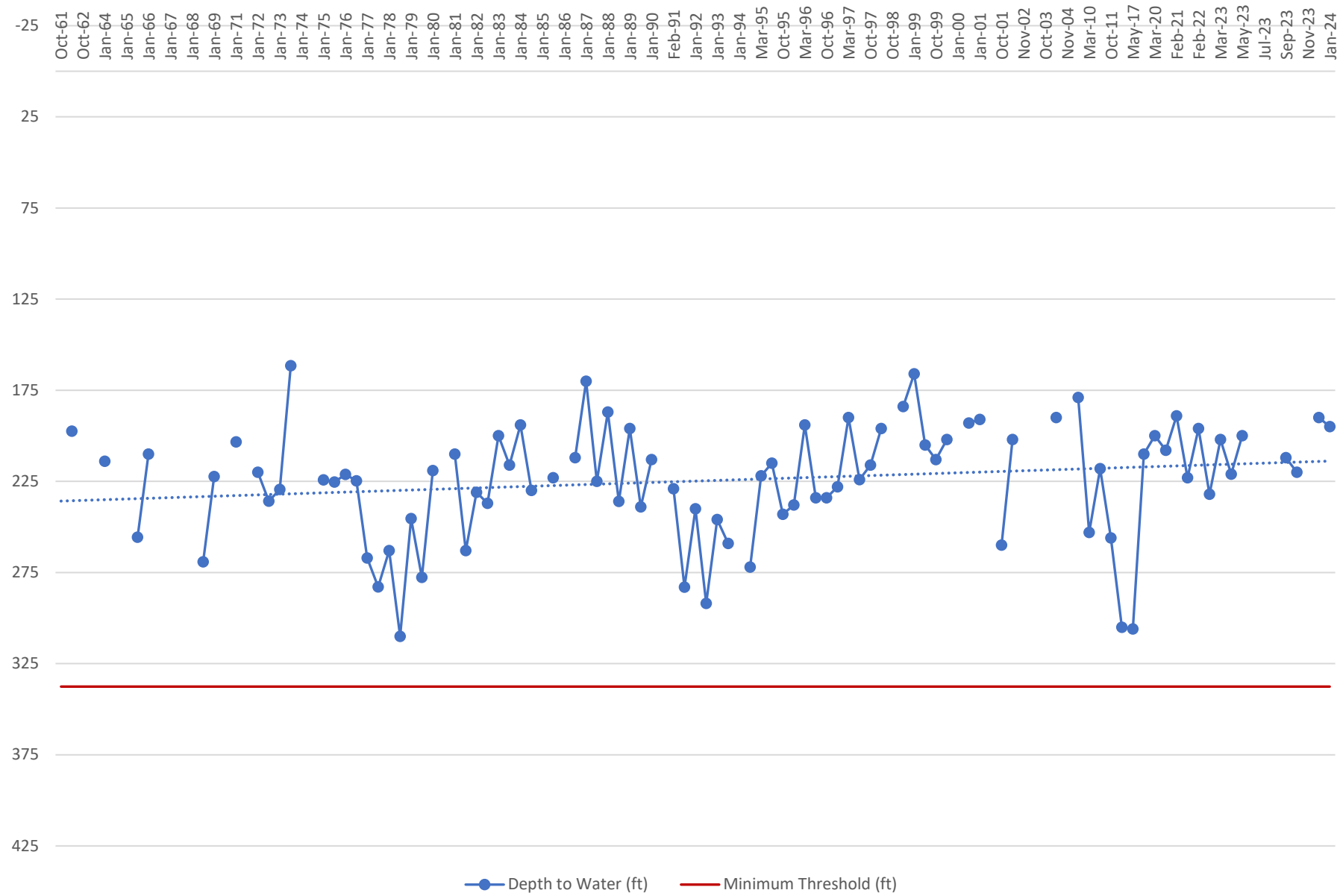


# RMW-197 32S/28E-01P

not to exceed 337.6' (depth to water)



# RMW-197 Long-term

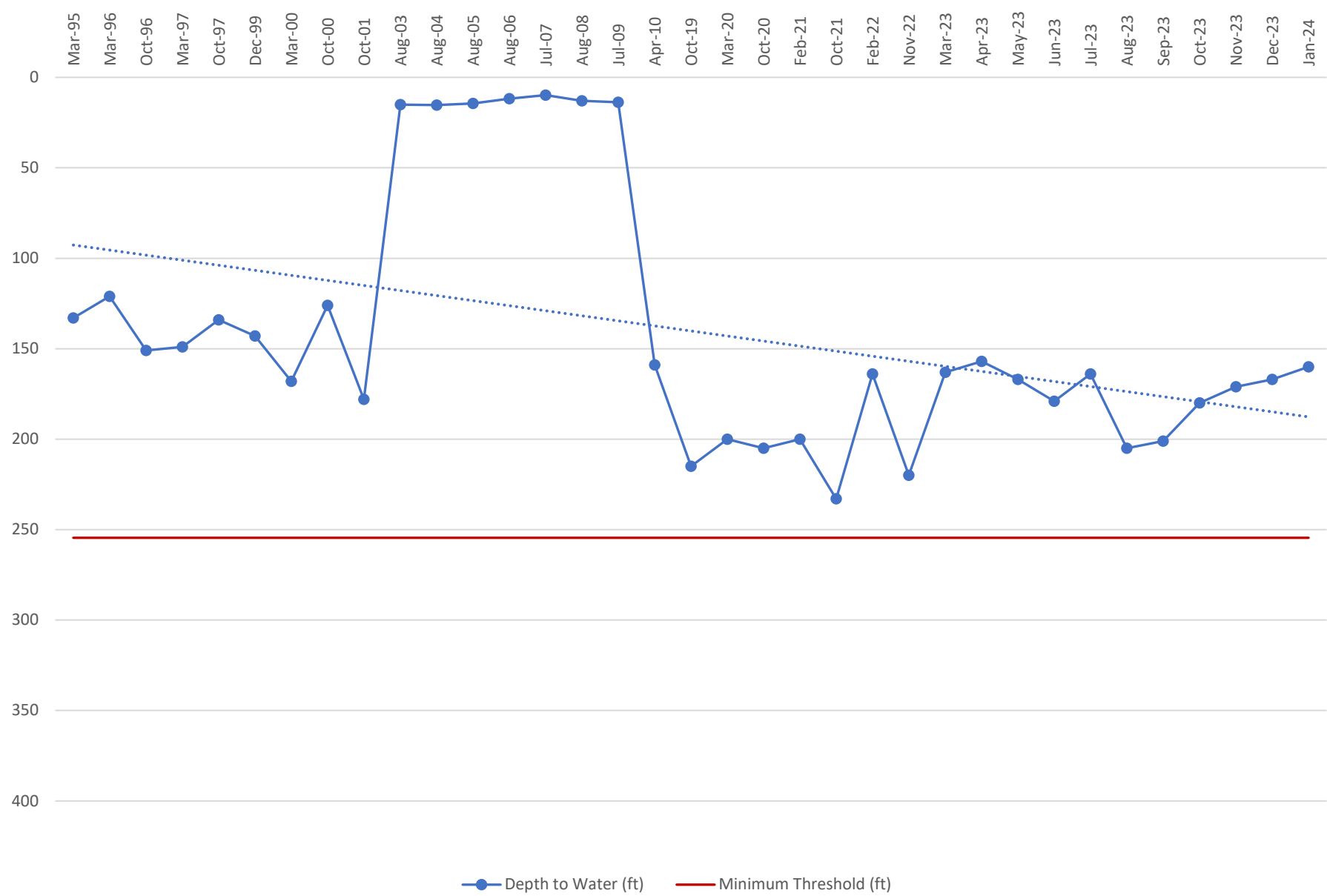


# RMW-200 32S/27E-07N

not to exceed 254.5' (depth to water)



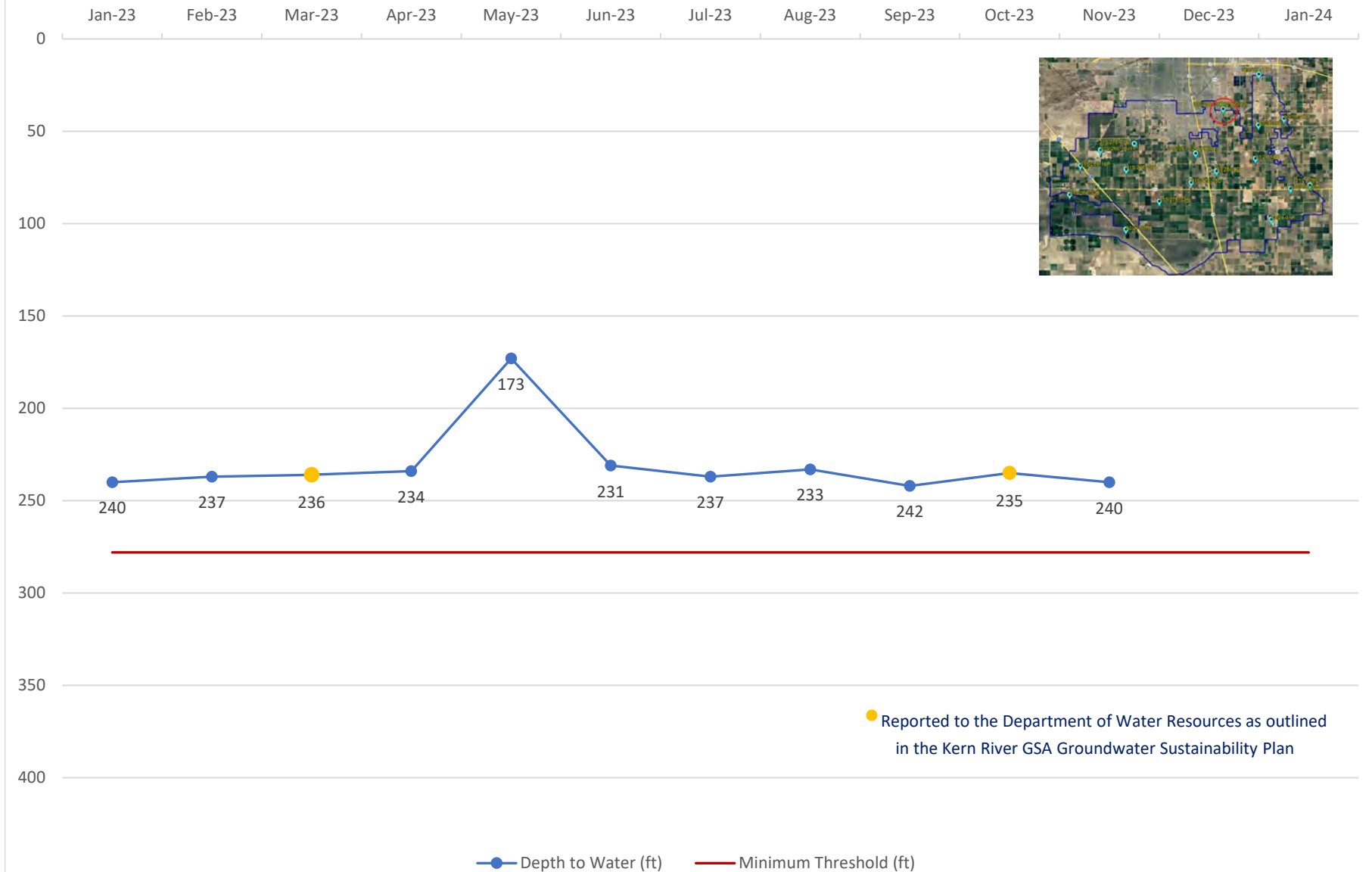
# RMW-200 Long-term



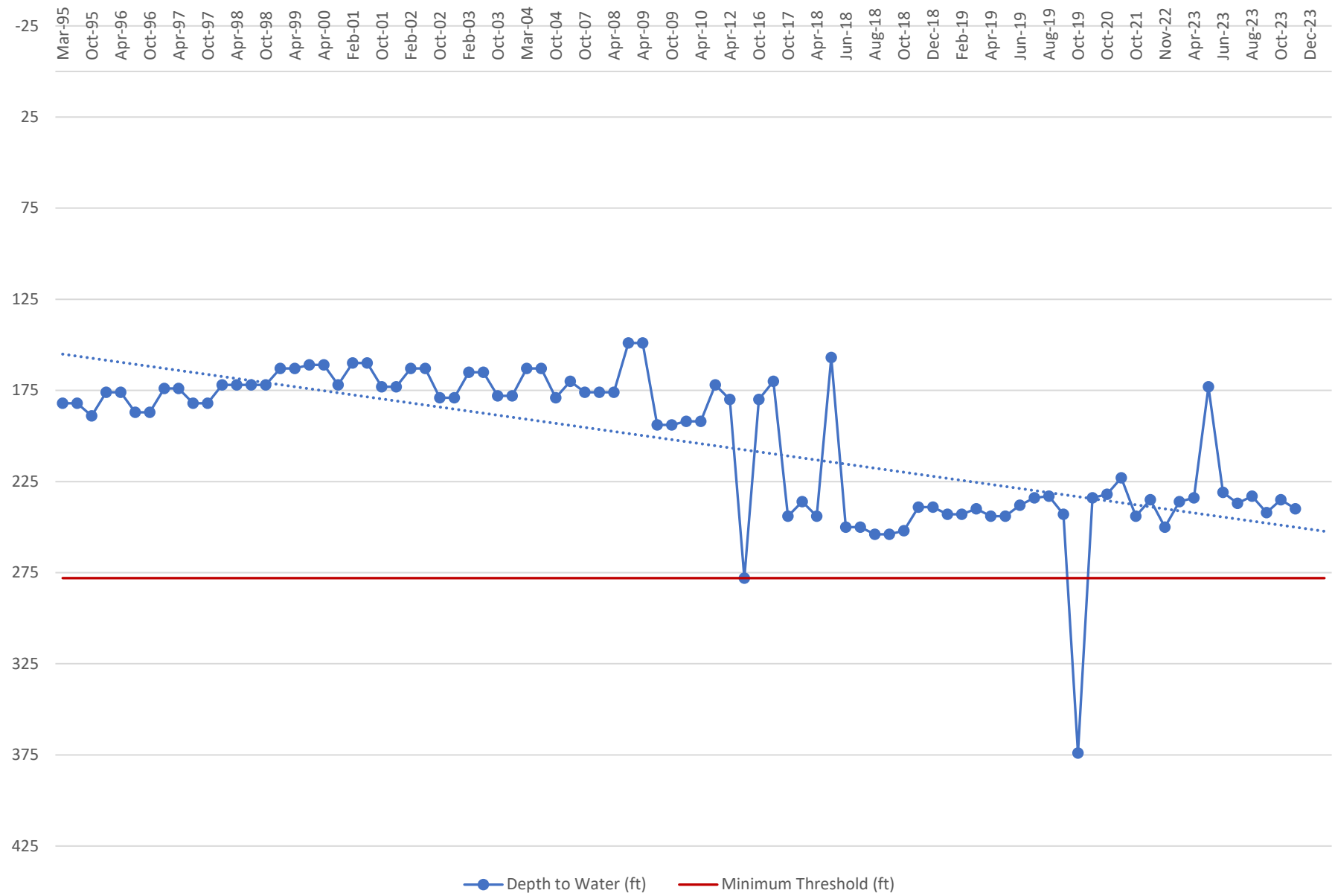


# RMW-216 30S/28E-29B

not to exceed 278' (depth to water)

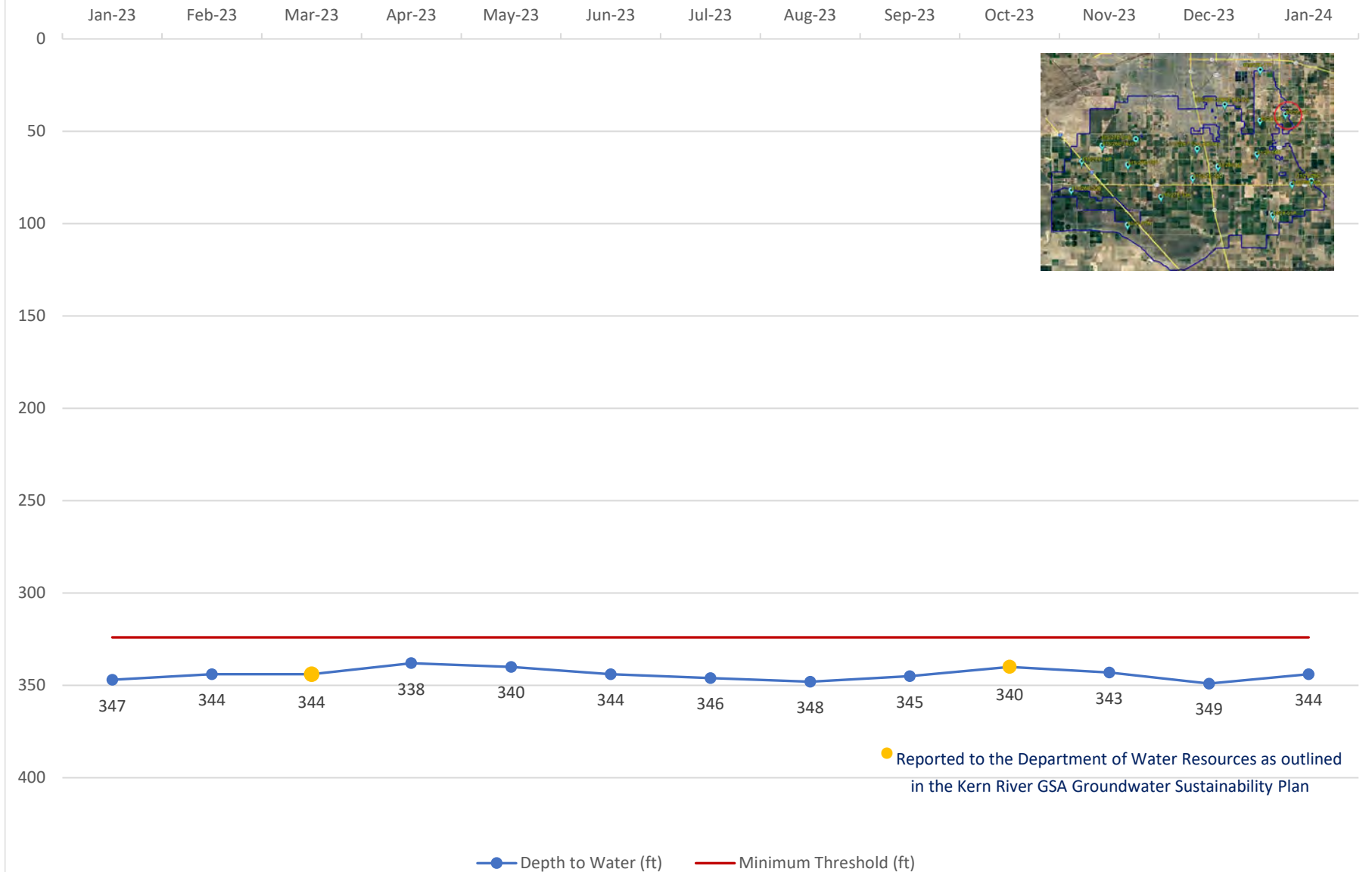


# RMW-216 Long-term

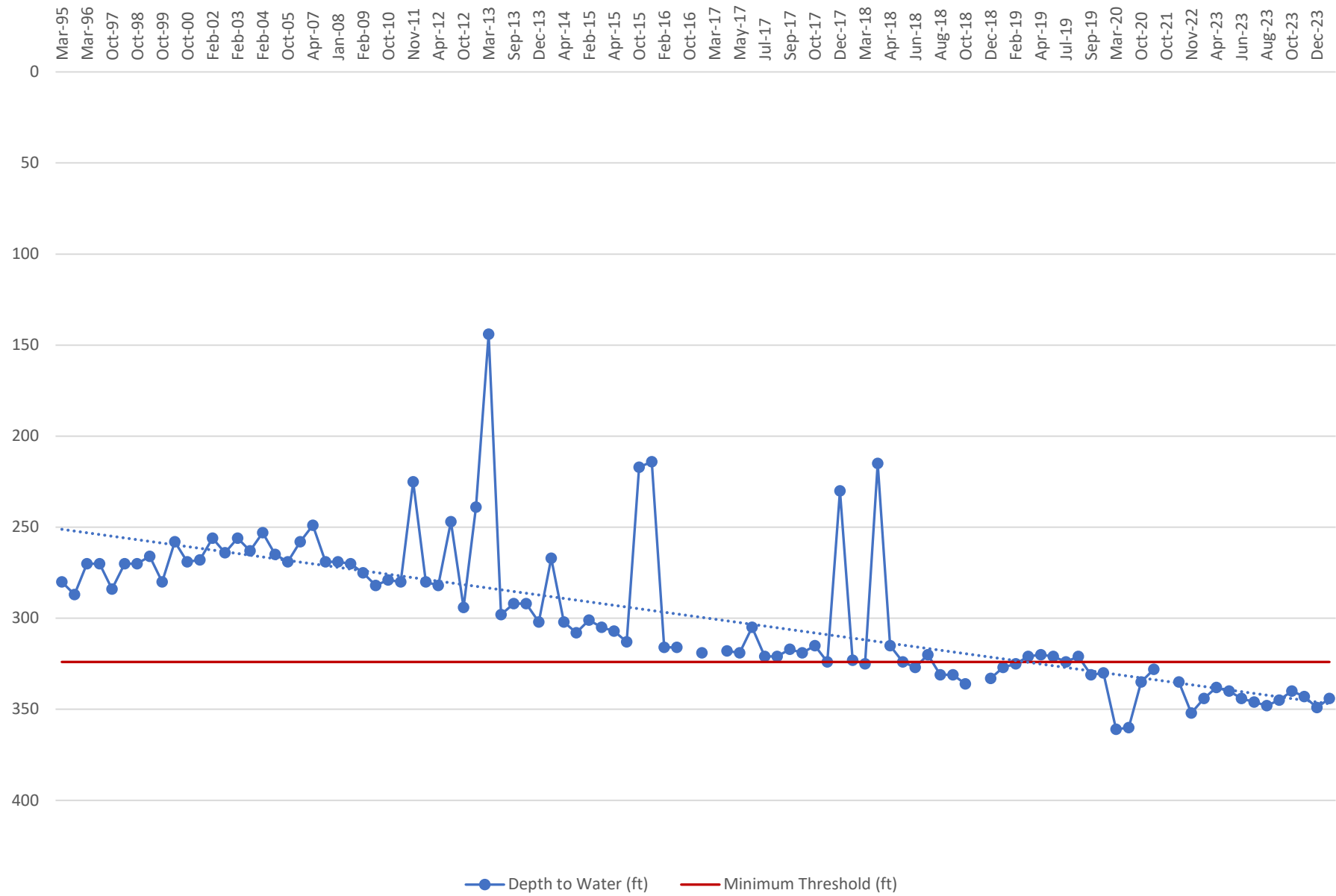


# RMW-217 30S/29E-31C

not to exceed 324' (depth to water)



# RMW-217 Long-term

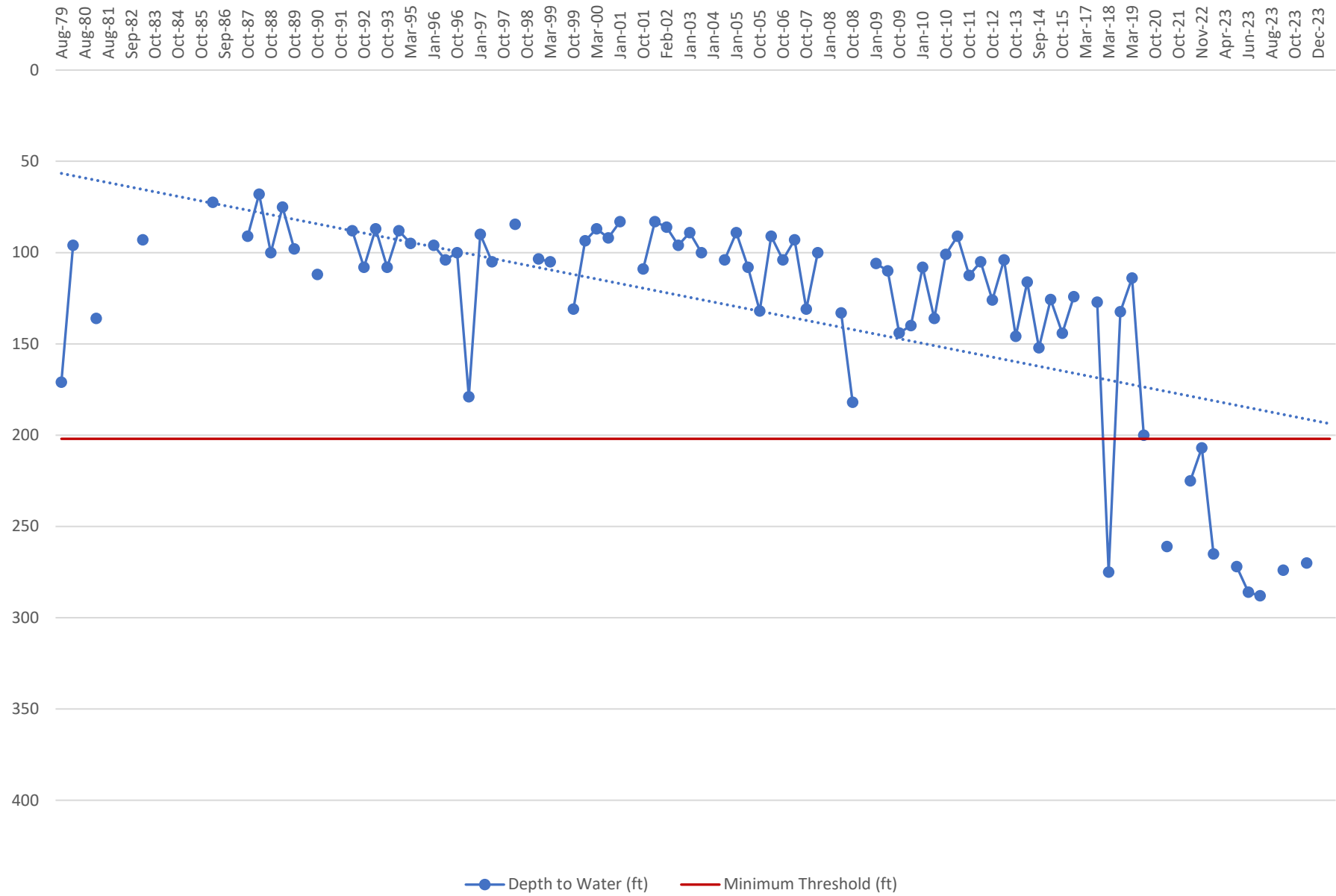


# RMW-218 31S/27E-33K

not to exceed 202' (depth to water)



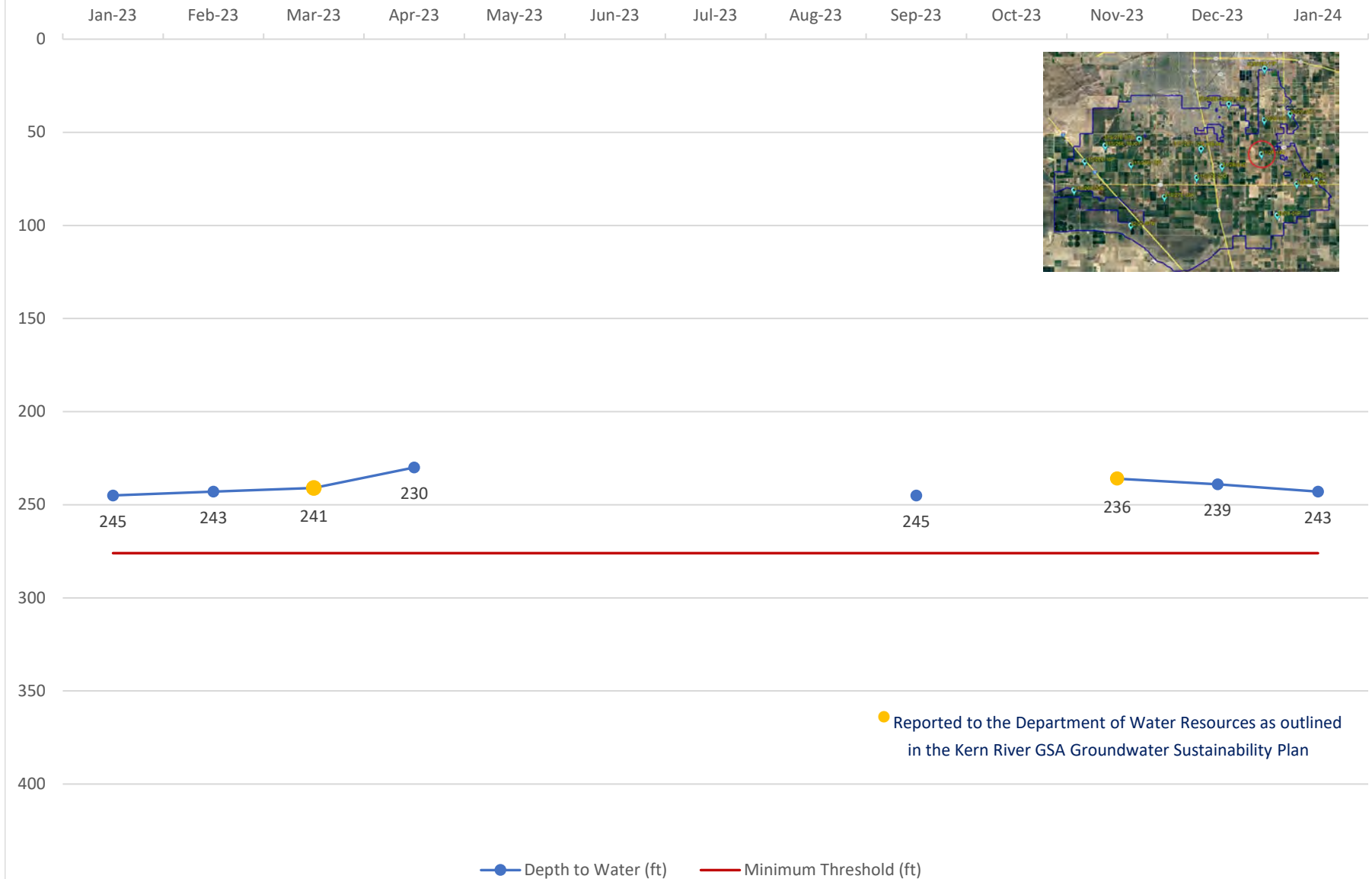
# RMW-218 Long-term



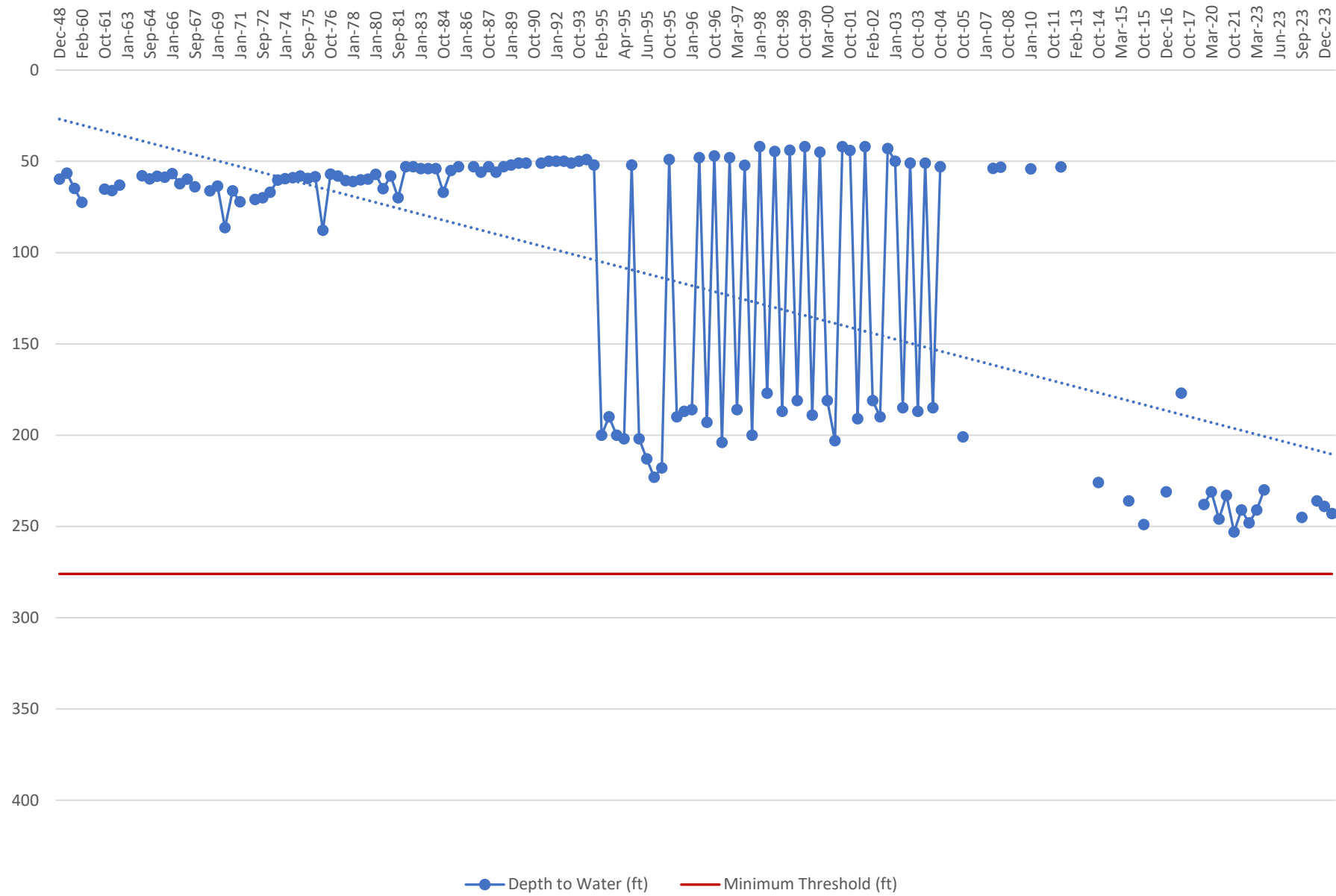


# RMW-219 31S/28E-14D

not to exceed 276' (depth to water)



# RMW-219 Long-term



# Tab VI





## North West Kern Resource Conservation District

5080 California Ave. #150  
Bakersfield, CA 93309  
(661) 281-2746  
(844) 206-6892 fax

*Board of Directors*  
GABRIEL GIESICK  
President

JIM GRUNDT  
Vice President

BRYAN BONE  
Secretary – Treasurer

CRAIG FULWYLER  
Director

DON PALLA  
Director

JOHN RUSSELL  
Director

JOHN GEBHARDT  
Director

BRAD KROEKER  
Associate Director

BRIAN HOCKETT  
District Manager

BETH HILBE  
Assistant Manager

Steve Teglia, General Manager  
Kern Delta Water District  
501 Taft Hwy  
Bakersfield, CA 93307-6247

January 2, 2024

Dear Steve,

Enclosed is a copy of the annual report for the North West Kern Resource Conservation District. The period covered is from January 1, 2023, through December 31, 2023.

The following table summarizes the evaluations that were conducted by the Mobile Irrigation Lab in the Kern Delta WD during the 2023 irrigation season.

Table 1. 2023 irrigation season

Grower	System Type	Crop	Acres	DU
Brancato Farms	Micro/drip	almonds	18	82
Illume Agriculture	Micro/drip	grapes	125	95
Illume Agriculture	Micro/drip	grapes	267	97
Cattani Farms	Micro/drip	grapes	60	68
Brar Farms	Micro/drip	almonds	172	94
Pacific Ag. Management	Micro/drip	almonds	75.65	92
Pacific Ag. Management	Micro/drip	almonds	74.2	98
Illume Agriculture	Micro/drip	grapes	64.81	93
Illume Agriculture	Micro/drip	grapes	250.87	98
Illume Agriculture	Micro/drip	grapes	200	71
<b>Total Acres</b>			<b>1307.53</b>	

The North West Kern RCD would like to thank the Kern Delta WD for their participation in the Mobile Lab program. We look forward to working with the landowners in your district in the upcoming season.

Sincerely,

Brian W. Hockett, District Manager

2023  
Annual Report  
of the  
North West Kern  
Resource Conservation District

# 2023 ANNUAL REPORT

*of the*  
**NORTH WEST KERN**  
**RESOURCE CONSERVATION DISTRICT**

5080 California Avenue, Suite #150  
Bakersfield, CA 93309

## **DISTRICT DIRECTORS**

President	- <i>Gabriel Giesick</i>
Vice-President	- <i>Jim Grundt</i>
Secty-Treasurer	- <i>Bryan Bone</i>
Director	- <i>Craig Fulwyler</i>
Director	- <i>John Gebhardt</i>
Director	- <i>Don Palla</i>
Director	- <i>John Russell</i>
Associate Director	- <i>Brad Kroeker</i>

## **DISTRICT EMPLOYEES**

District Manager	- <i>Brian Hockett</i>
Assistant Manager	- <i>Beth Hilbe</i>
Irrigation Technician	- <i>Caden Viss</i>

## **NATURAL RESOURCES CONSERVATION SERVICE PERSONNEL**

District Conservationist	- <i>Amy Rocha</i>
Soil Conservationist	- <i>Emmanuel Hinojosa</i>
Soil Conservationist	- <i>Breana Garcia</i>
Civil Engineer	- <i>Adriana Chavez</i>
WRP Engineer	- <i>Jose Lule</i>
Farm Bill Assistant	- <i>Ashanti Robertson</i>
Biologist – Amer. Bird Cons.	- <i>Bailey Friedman</i>

## **GENERAL INFORMATION**

The North West Kern Resource Conservation District (RCD) has pursued the goals of the District's Long-Range Work Plan throughout the course of the year, emphasizing Irrigation Water Management (IWM). The boundaries of the RCD encompass a total of 744,800 acres, reaching as far west as the north western portion of Kern County, then along the county line east of Delano, and then almost as far south as Taft, with areas in between that are not included in the boundaries.

## **NEW EMPLOYEE**

After 36 years of service to the RCD, Brian will be retiring at the end of March 2024. To fill that void, Beth Hilbe was hired in June as the new Assistant Manager with the intent of taking the reins once Brian has left the building. Beth has an environmental background and is a good fit for the position as she will be dealing not only with field work doing irrigation evaluations, but also government agencies on the federal, state, and local level. This she has been doing and is transitioning well into the position.

## **ACKNOWLEDGMENT**

The Natural Resources Conservation Service (NRCS) aided the RCD through in-kind services, of which involved the usage of office space, information, materials within the office and office personnel.

## **MEETINGS**

1. Regular meetings of the RCD were held on the third Tuesday of the month.
2. Participated in steering committee meetings for the Poso Creek Integrated Regional Water Management Group on the 1<sup>st</sup> Tuesday of the month when available.
3. Attended meetings of the Semitropic Water Storage District.

## **COOPERATIVE EFFORTS**

1. Conducted thirteen evaluations in Madera County and four in Kern County at the request of the NRCS under the Environmental Quality Incentives Program (EQIP).

## **AGREEMENTS**

The RCD had two agreements ongoing, and a new one started.

1. Contribution Agreement No. NR239104XXXXC001 (\$52,500.00 for three years) dated October 1, 2022, through September 30, 2025.
2. The district has an agreement with the Almond Board of California for \$30,000.00 to work with almond growers in the San Joaquin Valley.
3. DWR grant through Cal Poly San Luis Obispo as a subcontractor. Subcontract No. 2024-10-48604. (\$322,500.00) dated August 15, 2023, through July 14, 2024.



## **POSO CREEK**

The RCD continues to work with FEMA to restore the levees that were destroyed out near the Kern National Wildlife Refuge when flooding occurred in 2017 (Yes, that was a long time ago). The creek flooded again this year in March which has increased the number of repairs needed on the levees. The RCD continues to work with FEMA, California Department of Fish and Wildlife (CDFW) and Army Corp. of Engineers to repair the damages to the levees. Due to the weather, the creek bed was not dry enough to perform the repairs this summer.

## **FUNDING**

The Mobile Lab is funded through a fee for service. Support from local water districts keeps this fee affordable. In addition, funding is received from the Natural Resources Conservation Service, as mentioned above under 'Agreements,' along with monies from the Almond Board of California.

Contributions from water districts to the Mobile Lab for the 2022-2023 fiscal year were as follows:

1. Semitropic WSD	\$	10,000.00
2. Arvin-Edison WSD	\$	6,000.00
3. North Kern Water Storage District	\$	6,000.00
4. Shafter-Wasco ID	\$	6,000.00
5. Belridge WSD	\$	5,000.00
6. Berrenda Mesa Water District	\$	5,000.00
7. Buena Vista Water Storage District	\$	2,500.00
8. Cawelo Water District	\$	5,000.00
9. Wheeler Ridge-Maricopa WSD	\$	5,000.00
10. Lost Hills Water District	\$	5,000.00
11. Kern Delta Water District	\$	4,000.00
12. Southern San Joaquin MUD	\$	4,000.00
13. Delano-Earlimart Irrigation District	\$	5,000.00
13. Henry Miller Water District	\$	2,500.00
14. Rosedale Rio-Bravo WSD	\$	2,000.00
15. Kern-Tulare Water District	\$	1,000.00
Total contributions -	\$	74,000.00

## MOBILE LAB PROGRAM ANNUAL PROGRESS REPORT

For services performed from January 1, 2023 to December 31, 2023.

### IRRIGATION SYSTEM EVALUATIONS

A total of 157 evaluations were conducted on 18,489 acres during the 2023 irrigation season, with 17 of these being conducted under the NRCS/EQIP Water Conservation program.

Table 1. Summary of evaluations conducted in 2023

System Type	Crop	Number of	Acres Evaluated	Average DU (%)
<b>Drip</b>	almonds	34	4616	89
	citrus	4	235	91
	grapes	29	2886	91
	pistachios	42	5395	89
	tomatoes	1	72	60
<b>Total</b>		<b>110</b>	<b>13205</b>	
<b>Micro Sprinkler</b>	almonds	18	4451	81
	citrus	26	459	80
	pistachios	3	375	73
<b>Total</b>		<b>47</b>	<b>5285</b>	

### OBSERVATIONS AND RECOMMENDATIONS

#### Micro-Irrigation Systems

The main cause of non-uniformity during the irrigation season was due to a variation in system pressures. These variations were typically due to improperly set control valves, plugged hose screens and/or debris that had accumulated in the sub-mains and manifolds causing a reduction in pressure. By resetting valves and cleaning hose screens, most of the problems that occurred in these systems were corrected. With the removal of these problems, overall system uniformity improved dramatically, as shown through later tests.

Other observations and recommendations made during the season included:

1. Installation or replacement of flow meter – The flow meter is an indispensable management tool that can help to monitor the amount of water applied throughout the season. Also, checking the flow meter frequently can help to detect system problems. For example, a steady decline in flow rate may indicate pump wear or a drop in the water level of a well. A slight decline in flow rate can indicate emitter plugging as well.
2. Opening Flush-outs – Upon opening some of the manifold flush outs, it was discovered that the water was very dirty in some systems. Manifold flush-outs should be opened periodically to flush out silt and debris that was not removed by the filters. The frequency at which this should occur will depend on the quality of the irrigation water and the effectiveness of the filters.
3. Hose Flushing – Most water users were very good about flushing hose ends, but in some cases the water coming out the end of the hose was very dirty. With micro-irrigation systems, it is very important to periodically undo the ends of each individual line and flush the dirt and debris from it. If this is not done on a regular basis, the dirty water in the hoses can plug the emitters. Hoses should be flushed as often as necessary depending on the quality of the irrigation water.
4. Emitter Plugging – This was found to be a problem at numerous locations. With micro-irrigation systems, bacteria and algae can build up inside the hoses and emitters and may eventually cause plugging. This can be avoided by regularly injecting chlorine or acid into the system, or some type of material that will promote the breakdown of these clogging agents. Emitters can also be replaced where needed.
5. Hose Screens – Hose screens are valuable for removing large particles that may have escaped from the filter system. However, they can become plugged with algae or debris, thus reducing pressure to a given hose line, and thereby decreasing uniformity to the overall irrigation system. This was found to be the case in some situations throughout the irrigation season, but not as much as in the past as operators are taking out or not even including them in the installation of the system. Chlorine/acid injection can help to prevent this problem from occurring, however, hose screens should be checked periodically for clogging. If they are clogged, they can be rinsed clean or replaced. Not all systems have hose screens installed to avoid this potential plugging problem. Even in some of the older systems, the screens had been taken out.
6. Leaks – It is important that irrigation workers are aware of leaks due to damaged hoses, missing emitters, broken valves, leaky risers, etc. Even a small leak can reduce the pressure in a line and cause a non-uniform application of water. On several occasions, leaks were a contributing factor in the overall non-uniformity of the system. If the leaks are big enough, they can cause substantial water loss.
7. Different Emitter Types – Mixing emitters can adversely affect the distribution uniformity by applying different amounts of water to those plants with different

emitter sizes. Emitters are often mixed accidentally by irrigation workers when they come across a broken or plugged emitter in the field. When repairing these emitters,

they may sometimes substitute a different emitter type because it is the only one available at the time. It is essential in this situation to match the replacement emitter with the existing ones in the field to maintain the proper flow and uniformity of the irrigation system. Most of the time, there may be one additional type of emitter due to the above-mentioned situation. On various occasions however, there were several different emitter types in the field, lending to severe non-uniformity.

### **Preparing for the 2024 irrigation season**

As growers are getting ready for the upcoming season, the Mobile Lab will be available to assist them with their irrigation needs. Being an efficient irrigation water manager is essential in today's water environment, as we are faced with many water related challenges that will impact the way we do business in the future.



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: January 16, 2024

**Re: Agenda Item VI B. – External Agency Report**

---

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

Staff participates in / monitors multiple external agency meetings monthly. Below is a summary including items of note from the various meetings:

[Kern County Water Agency:](#)

- The KCWA Board met December 20, 2023.
- Next meeting will be January 25, 2024.
- Update on Water Transfers, Exchanges and Purchases.
- Update on Delta Conveyance Activities (see schedule attached).
- Update on CVC and Pioneer Operations.
- 2024 allocation for SWP – 10%.
- Summary of groundwater and overdraft correction accounts (attached).

Kern Fan Authority:

- The KFA meeting of December 27, 2023 was canceled.
- 2023 Water Supply.
- Review of KCWA Board agenda.
- Pioneer Project.
- Local SGMA activities.
- Other activities (IRWMP/CVSALTS).

[Kern River Groundwater Sustainability Agency \(KRGSA\):](#)

- The KRGSA met January 4, 2024 (agenda attached).
- Basin Coordination Committee update.
- Approval Several Basin-wide Scopes of Work & Cost Shares:
  - GEI – Kern County Subbasin DMS Hosting.
  - Todd Groundwater – Subbasin Annual Report.

-Rincon Consultants, Inc – Subbasin Plan Manger.

- Approval of KRGSA Agreement with Todd Groundwater for Annual Report Support.
- Approval of Amendment No. 2 to an agreement with Montrose Environmental Services for Grant Administration.

Kern Groundwater Authority (KGA):

- The KGA met December 14, 2023 (agenda attached).
- 2024 Proposed Budget.
- Rincon Invoice Review.
- Tood GW Scope for Basin Setting added to Basin Study Grant.
- Distribution of Unused Funds Related to Lawrence Livermore Lab project.

Kern River Watershed Coalition Authority (KRWCA)(ILRP):

- The KRWCA meeting of January 2, 2024 was canceled.
- Kern Water Collaborative Update.
- 2023 Membership Update.
- On Farm Drinking Water Well reports due Dec. 31, 2023 (BC Labs removed / BSK Labs added).
- Updates regarding the status of various reports.

South Valley Water Resources Authority:

- The SVWRA met December 15, 2023.
- Fish Friendly Diversion Pilot Project update/discussion regarding project funding.
- Potential Special Activity Agreement No. 4.
- Blueprint activity update.

Integrated Regional Water Management Plan (IRWMP):

- No recent meetings.

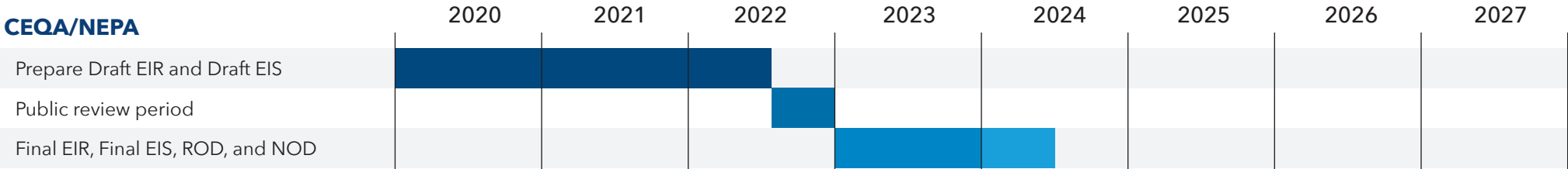
Water Association of Kern County (WAKC):

- Annual Meeting held November 8, 2023 – Stockdale Country Club.
- 2024 Water Summit planning.

# Delta Conveyance Project Planned Schedule

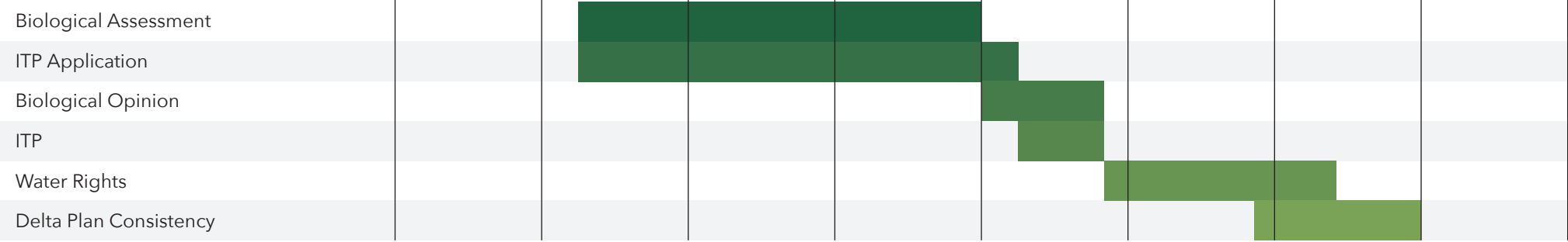
Attachment 1

## CEQA/NEPA



Final EIR Final EIS

## Other Environmental Processes





**Kern County Water Agency  
Estimated Summary of Overdraft Correction Accounts  
As of November 30, 2023**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of November 30, 2023				
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank <sup>[1]</sup> Total
Buena Vista WSD	50,601	64,970	0	64,970	0	11,355
Henry Miller WD	69,563	67,846	375	68,221	2,584	24,078
Kern County Water Agency	55,030	35,356	7,121	42,477	0	12,553
Kern Delta WD	84,436	75,038	409	75,447	2,026	24,969
Rosedale-Rio Bravo WSD	219,183	190,531	4,190	194,721	3,220	49,287
Total	478,813	433,741	12,095	445,836	7,830	122,242
						575,908

<sup>[1]</sup> Does not include purchase of 2011 4% reserve water.

**Kern County Water Agency  
Estimated Summary of Groundwater Bank Accounts  
As of November 30, 2023**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of November 30, 2023					
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank	Total
Belridge WSD	66,789	71,637	4,622	76,259	3,321	0	79,580
Berrenda Mesa WD	62,151	64,229	2,520	66,749	33,183	0	99,932
Buena Vista WSD	28,987	66,752	2,770	69,522	0	26,342	95,864
Cawelo WD	0	0	0	0	0	0	0
Dudley Ridge WD	29,334	0	0	0	0	61,686	61,686
Henry Miller WD	5,365	41,669	833	42,502	0	0	42,502
Improvement District No. 4	180,006	42,706	5,189	47,895	0	194,573	242,468
Kern County Water Agency	185,256	103,700	60,099	163,799	3,499	17,958	185,256
Kern Delta WD	23,285	47,763	0	47,763	0	0	47,763
Lost Hills WD	72,891	58,187	24,121	82,308	3,252	0	85,560
Rosedale-Rio Bravo WSD	22,391	67,107	835	67,942	0	0	67,942
Semitropic WSD	209,458	32,150	685	32,835	0	227,993	260,828
Tehachapi-Cummings CWD	5,820	0	0	0	0	5,820	5,820
Tejon-Castac WD	52,344	2,590	1,283	3,873	0	60,219	64,092
Westside Mutual Water Co.	228,577	0	0	0	0	513,453	513,453
Wheeler Ridge-Maricopa WSD	92,948	18,154	16,008	34,162	5,541	231,141	270,844
<b>Total</b>	<b>1,265,602</b>	<b>616,644</b>	<b>118,965</b>	<b>735,609</b>	<b>48,796</b>	<b>1,339,185</b>	<b>2,123,590</b>



Board Members:

Rodney Palla, Chair  
Bob Smith, Vice-Chair  
Gene Lundquist

## **KERN RIVER GSA REGULAR MEETING**

Thursday, January 4, 2024  
10:00 a.m.

**City of Bakersfield Water Resources Department**  
1000 Buena Vista Road, Bakersfield CA 93311  
Large Conference Room

### **AGENDA**

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **APPROVAL OF MINUTES** of the November 6, 2023, Special Meeting
5. **NEW BUSINESS**
  - A. Correspondence Received (City Clerk, Maldonado)
  - B. Finance Updates (McKeegan)
    - i. Receive and File Financial Report
  - C. Management Group Updates (Beard, Maldonado, Teglia)
    - i. Basin Coordination Committee Updates
      - a. Update on SWRCB Meetings
      - b. Approval of Scope of Work and Cost Share
        - a. GEI Consultants for Kern County Subbasin DMS Hosting Support
        - b. Todd Groundwater for Basin-wide Annual Report
        - c. Rincon Consultants, Inc. for Basin Plan Manager
  - D. Approval of Agreement with Todd Groundwater for Kern River GSA GSP Annual Report Assistance, in an amount not to exceed \$20,000.
  - E. Amendment No. 2 to Agreement KRGSA 19-007 with Horizon/Montrose Environmental Services for Grant Administration, in an amount not to exceed \$58,300.

6. COMMITTEE COMMENTS

7. ADJOURNMENT

---

# KERN GROUNDWATER AUTHORITY

1800 30<sup>th</sup> Street Ste #390, Bakersfield  
Regular Meeting of Board of Directors  
December 14, 2023 8:00 a.m.

**All parties/public may attend the meeting via teleconferencing and offer public comments by phone, using the call-in information below:**

**Zoom <https://zoom.us/j/96639540180?pwd=ekQ1aFNkRkdaZFhjMHFsRk9VR091Zz09>**

**Meeting ID: 966-3954-0180**

**Passcode: 282219**

**Telephone Dial-in: (669)900-6833**

## **Kern Groundwater Authority Board of Directors Agenda**

This meeting is held in accordance with the Brown Act pursuant to Section 54956 of the California Government Code and the Kern Groundwater Authority Joint Powers Agreement.

**1. Roll Call - Quorum Determination**

In the absence of a quorum the Board will handle only those items not needing a quorum.

**2. Flag Salute**

**3. Public Input**

This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Board matters of which the Board may not be aware and which are not on the current agenda. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action. Members of the public may directly address the Board of Directors on any item of interest within the Board's subject matter jurisdiction, before or during the Board's consideration of the item. The President may limit the time allowed for comment.

**4. Approval of Minutes**

a. ~~November Regular Board Meeting Minutes\*~~

**6. Treasurer's Report**

a. ~~Financial Report & Accounts Payable - November\*~~

**7. Attorneys Report**

a. SGMA Update

**8. Executive Director Report**

a. ~~2024 Proposed Budget Consideration\*~~

b. ~~Rincon Invoice\*~~

c. ~~Distribution of unused funds - Lawrence Livermore Lab\*~~



- 
- d. TODD Groundwater Scope of Work for the Basin Setting added to the Basin Study and SGMA Implementation Grant\*
  - e. 2024 Annual Report – Exceedances & Hydrographs - DWR – Guide to Annual Reports

**9. New Business**

This Portion of the Meeting is set aside to provide each Board member an opportunity to bring to the attention of other Board members and the public matters which have come to their attention and/or which may be appropriate for future consideration. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action.

**10. Correspondence**

- a. Leadership Counsel, Community Water Center and Clean Water Action – Letter 12-4-2023

**11. Closed Session**

- a. Conference with Legal Counsel – Potential Litigation: Closed Session pursuant to Government Code Section 54956.9(d)(2), (e)(2)(two matters)
- b. Employee Personnel Item – (Government Code Section 54957)

**12. Adjournment**

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the Authority provide disability-related modification or accommodation in order to participate in any public meeting of the Authority. Such assistance includes appropriate alternative formats for the agendas and agenda packets. Requests should be made in person, by telephone, facsimile and/or written correspondence to the Authority office, at least 48 hours before a public Authority meeting. Written materials related to an item on this agenda to be considered in open session that are public documents and that are distributed to board members after the posting of the agenda, will be made available for public inspection when they are so distributed at the office of the Authority located at 1800 30<sup>th</sup> Street, Ste #280, Bakersfield, California during normal business hours. Documents that are public documents provided by others during a meeting will be available at the same location during business hours after the meeting.



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: January 16, 2023

**Re: Agenda Item VI C. – Water Banking Projects Report**

---

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

Below is a summary of activities of note related to various water banking projects/activities of interest to the District.

Kern Fan Recovery Activity:

- As of January 9, 2024 Kern Fan groundwater recharge was approximately 335cfs a day, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for Kern Fan banking information through November 30, 2023.

Pioneer Participant Meeting:

- The Pioneer Project Participants meeting of January 11, 2024 was canceled.
- Update on current operations.

Kern Fan Monitoring Committee:

- The Kern Fan Monitoring Committee met September 20, 2023.
- Update on reports.
- Review of water level monitoring hydrographs.
- Next meeting January 17, 2024

KDWD Water Banking Project:

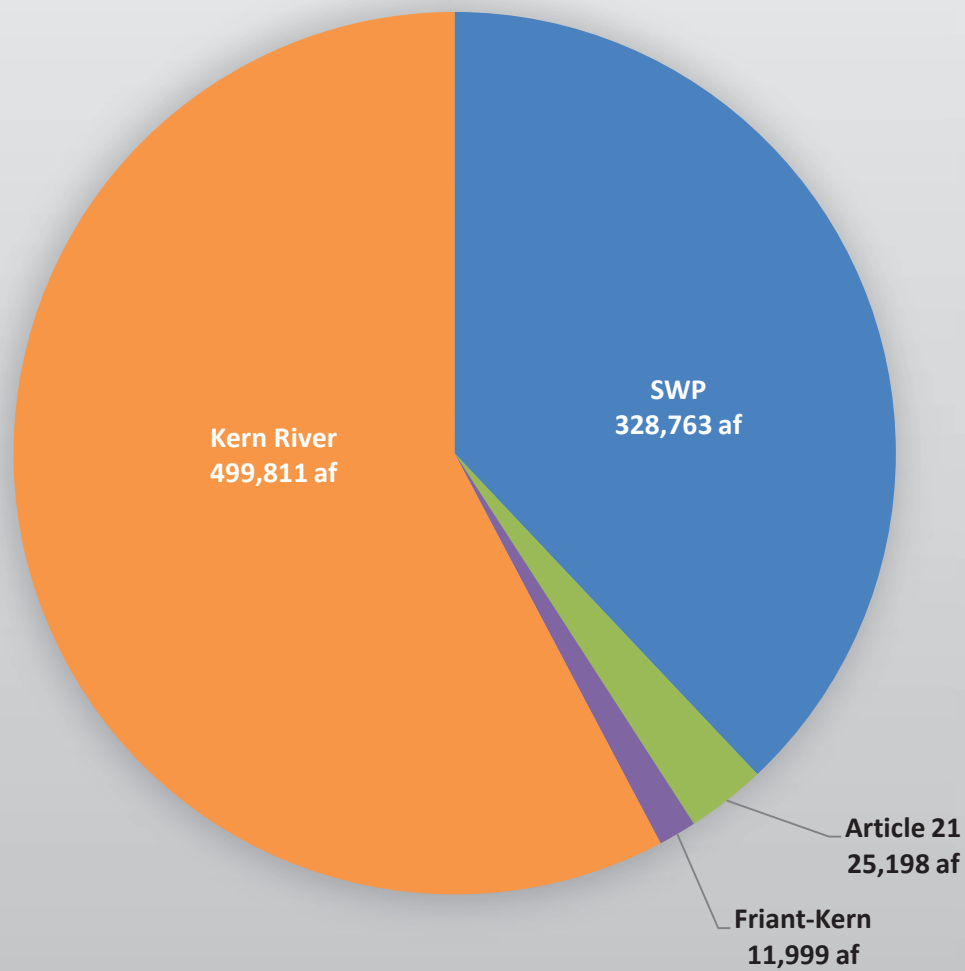
- MWD has provided the District with an initial analysis for 2024. MWD will be balanced at a SWP allocation of 30% and will likely initiate banking at a SWP allocation of 40%.

Cross Valley Canal Advisory Committee:

- The CVC Advisory Committee met December 18, 2023.
- Report on CVC operations.
- See attached graphs provided by KCWA regarding CVC utilization.



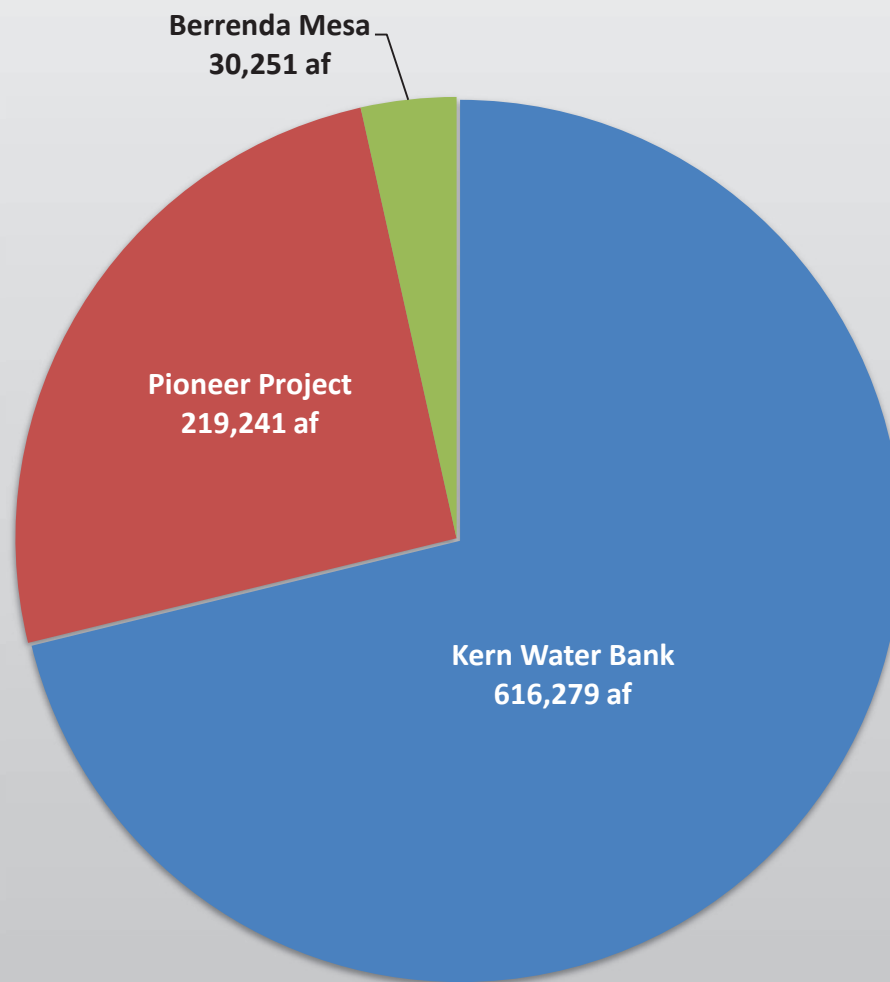
**2023 Estimated Kern Fan Banking Project Deliveries  
(by Water Type)  
Deliveries through November 30, 2023  
Total Deliveries 865,771 af**



## 2023 Estimated Kern Fan Banking Project Deliveries (by Project)

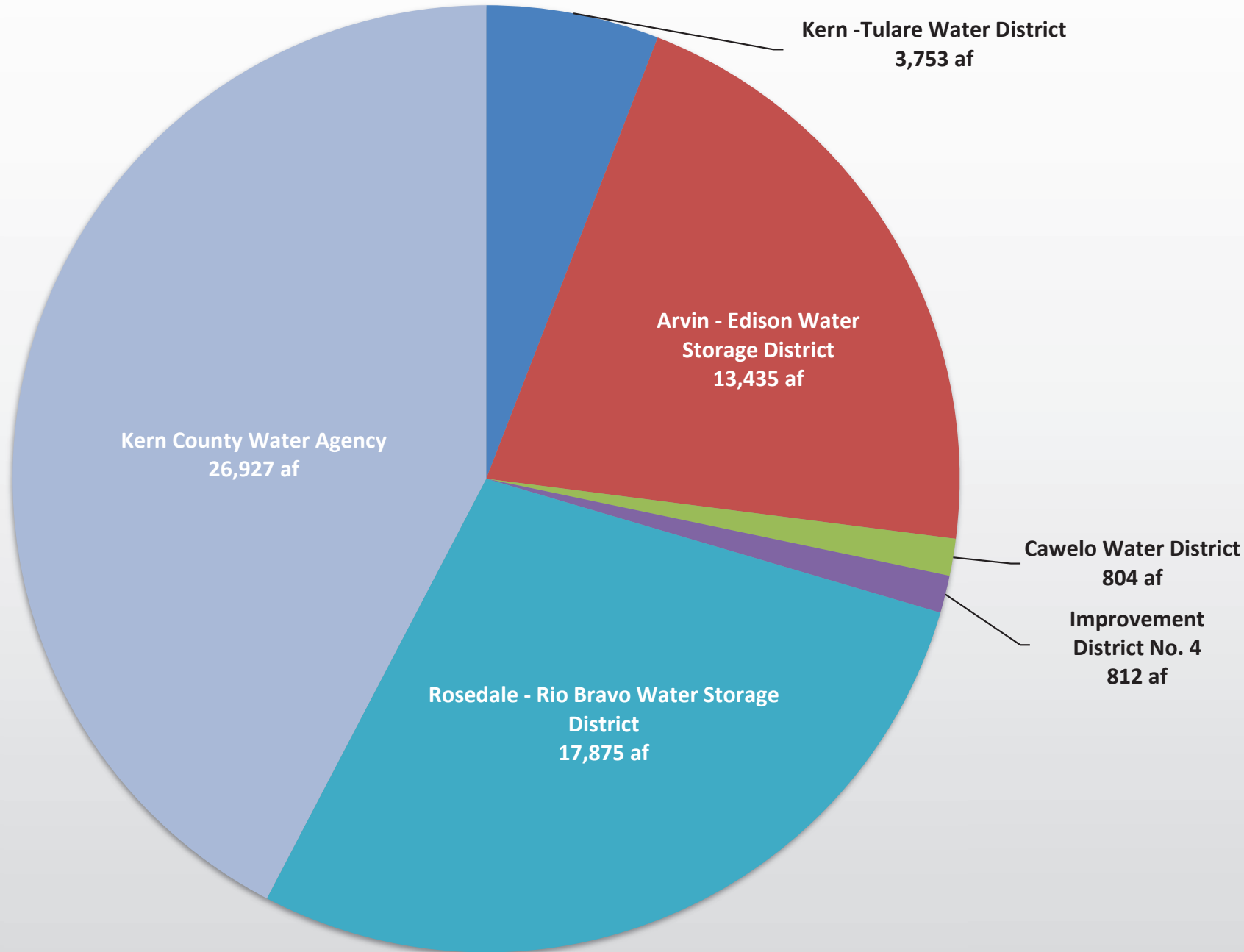
Deliveries through November 30, 2023

Total Deliveries 865,771 af



**Cross Valley Canal**  
**November 2023 Deliveries**  
**Total deliveries 63,606 af**

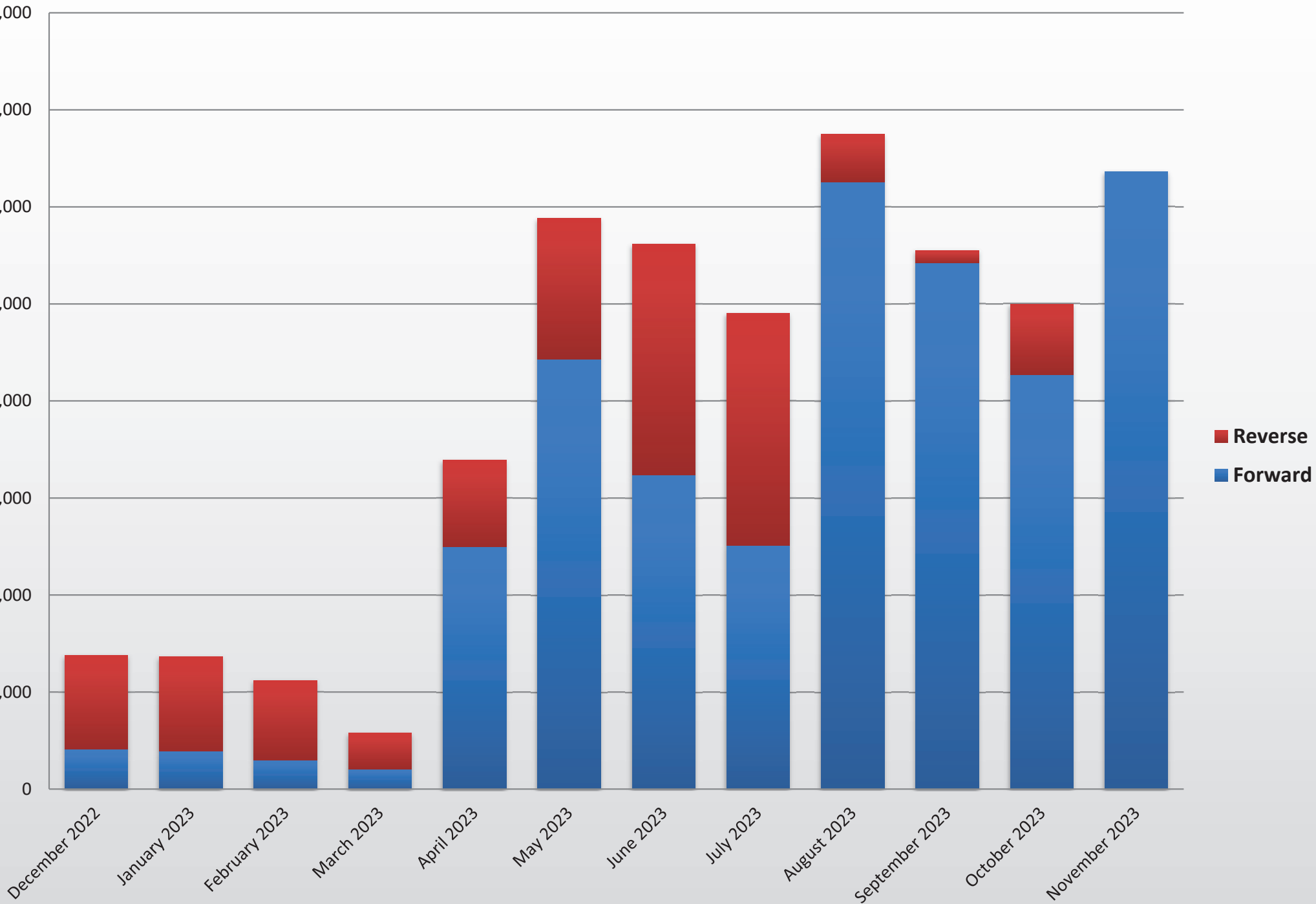
Attachment 2



# Cross Valley Canal

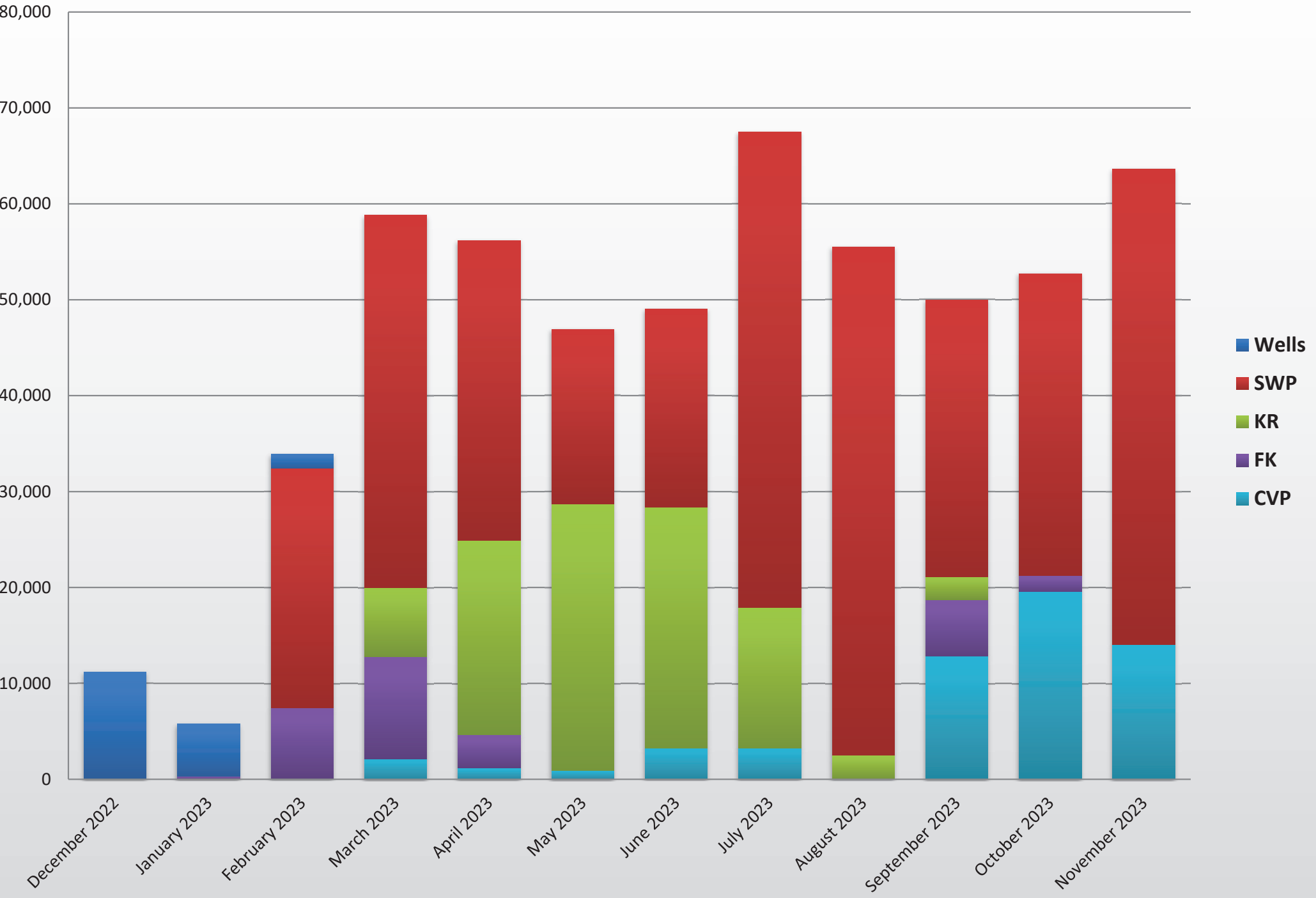
## Twelve Month Delivery by Direction

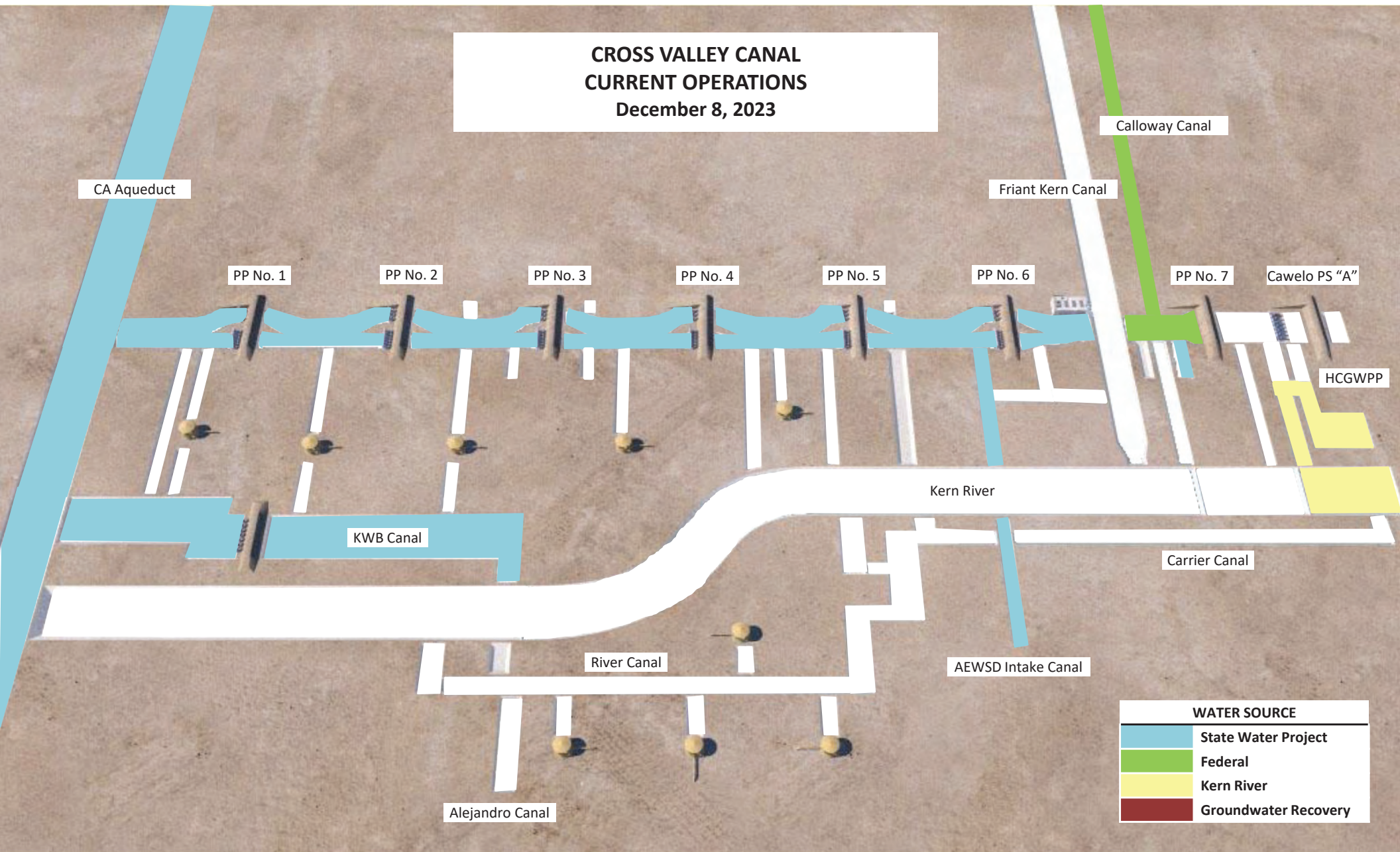
Attachment 3



# Cross Valley Canal

## Twelve Month Delivery by Source





**Cross Valley Canal**  
**Pump and Flow Configuration**  
 Last Updated on December 8, 2023

'A' Pumping Plants												'B' Pumping Plants					Total cfs
		A	B	C	D	E	F	G	H	J	Total cfs	K	L	M	N	Total cfs	
Pumping Plant No. 1	Estimated Horsepower	100	250	565	565	565	565	250	100			800	800	800			
	Estimated Flow Rate (cfs)	31	70	180	180	180	180	70	31		922	167	167	167		500	1,422
Pumping Plant No. 2	Estimated Horsepower	100	250	565	565	400	565	250	100			700	700	700			
	Estimated Flow Rate (cfs)	Service	70	180	180	Service	180	70	31		711	167	167	167		500	1,211
Pumping Plant No. 3	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	Service	70	180	180	180	70	Service	70	31	781	167	167	167		500	1,281
Pumping Plant No. 4	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	31	Service	180	180	180	Service	31	70	Service	672	167	167	167		500	1,172
Pumping Plant No. 5	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	31	70	180	180	180	70	31	70	31	843	Service	Service	167		167	1,010
Pumping Plant No. 6	Estimated Horsepower	100	250	565	565	565	250	250	100			200	600	600	350		
	Estimated Flow Rate (cfs)	31	Service	180	180	180	Service	70	Service		641	40	193	193	90	516	1,157
Pumping Plant No. 7	Estimated Horsepower	100	250	250	250	250	100										
	Estimated Flow Rate (cfs)	31	70	70	70	70	Service				311						311



# Tab VII





#### BOARD OF DIRECTORS

Rodney Palla, *President*  
David L. Kaiser, *Vice President*  
Richard Tillema, *Secretary*  
Kevin Antongiovanni, *Treasurer*  
Donald Collins  
Ross E. Spitzer  
Fred Garone  
Joey Mendonca  
Robert Fanucchi

501 TAFT HIGHWAY  
BAKERSFIELD, CALIFORNIA 93307-6247  
TELEPHONE (661) 834-4656  
FAX (661) 836-1705

#### OFFICERS & STAFF

Steven L. Teglia  
*General Manager*  
L. Mark Mulkay  
*Water Resources Manager*  
Chris Bellue  
*Assistant General Manager*  
Bryan C. Duncan  
*Controller*  
Richard Iger  
*General Counsel*  
McMurtrey, Hartsock & Worth  
*Special Counsel*

### COMMITTEE ASSIGNMENTS

**Board Approved**  
**August 2, 2022**

**President: Palla**

**Vice-President: Mendonca**

**Secretary: Tillema (Assistant Secretaries: Mulkay, Teglia, & Iger)**

**Combined Officer – Treasurer, Assessor, Tax Collector: Antongiovanni (Assistant**

**Combined Officer: Duncan)**

#### **Business & Finance:**

**Antongiovanni (Chairman), Garone, Tillema, Kaiser**

Functions: Expense items, capital, equipment, operations, wage/benefits, interest, expenses, sources of income, taxes, assessments, water tolls, bonds, loans, audit.

#### **Operations and Projects:**

**Mendonca (Chairman), Spitzer, Fanucchi, Borba**

Functions: System improvements, maintenance of facilities, engineering, design, construction, right-of-way/easements, land purchases/sales, encroachment permits.

#### **Administration & Executive:**

**Palla (Chairman), Mendonca, Antongiovanni, Tillema**

Functions: As needed for Special Functions, plus: Personnel matters, legislation, litigation, District organization, government regulations/compliance, negotiation, special assignments, rules/operations, groundwater management, water supply, allocations, water banking, water purchase.

#### **Other Assignments:**

Fred Garone: ACWA Joint Powers Insurance (Semi-annual)

Rob Fanucchi: Irrigated Lands Regulatory Meeting (Monthly) (Steve Teglia – Alternate)

Kevin Antongiovanni: KCWA Member Unit Policy Meetings (as needed)

Rodney Palla: Kern River Groundwater Sustainability Agency (Monthly)

Rodney Palla: DCP (as needed)