



## REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway  
Bakersfield, California

**TUESDAY, December 19, 2023**

### **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).

#### **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 November 21, 2023.
  - B. Approval of November/December District Construction and Water Banking Project(s) Disbursements.
  - C. Approval of November/December District Disbursements.
- 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 – December 14, 2023.
    - i. Approval of November 2023 Financial Reports.

**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 – December 5, 2023 (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.
- iii. 2023 Water Management.

**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. Look Ahead.
- ii. SGMA Update.

**B. External Agency 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.)

**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: December 19, 2023

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

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RECOMMENDATION:

Approve items A through C 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 November 21, 2023 (attached).

**II B.** Approval of November/December District Construction and Water Banking Project(s) Disbursements totaling \$2,686,380.83\* (attached), recommended for approval by the Business and Finance Committee (*see December 14, 2023, Business and Finance Committee Minutes for additional detail*).

**II C.** Approval of November/December District Disbursements (attached) recommended for approval by the Business and Finance Committee (*see December 14, 2023, Business and Finance Committee Minutes for additional detail*).

*\*The December 5, 2023 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 December 14, 2023.*



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

November 21, 2023

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### **TUESDAY, November 21, 2023, 12:04PM– 2:39PM**

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

DIRECTORS ABSENT: Borba.

STAFF PRESENT: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Special Counsel St. Lawrence, Controller Duncan, Hydrographer Hyatt, and Groundwater Manager Marquez.

OTHERS PRESENT: None.

### **CLOSED SESSION DECLARED AT 12:04PM**

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).

B. Conference with Legal Counsel – Significant Exposure to Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(2),(e)(3):

1. Claim Filed by Dennis Seamons.

C. Conference with Real Property Negotiator Pursuant to Gov. Code Section 54956.8:

1. APN 189-240-60 and 189-270-04
  - a. District Negotiator: Steven Teglia
  - b. Negotiation Party: Kent Stenderup
  - c. Under Negotiations: Price and Terms of Purchase.

Closed Session concluded at 1:40PM.

### **REGULAR SESSION DECLARED AT 1:43PM**

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 1:43PM.

Closed Session Report: District Special Counsel St. Lawrence reported the following:

Item A: No reportable action.

Item B: By unanimous vote (8-0) the Board rejected the claim filed by Dennis Seamons.

Item C: No reportable action.

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

Those listed as Others Present were introduced.

#### **I. PUBLIC COMMENT**

None.

#### **II. CONSENT CALENDAR**

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

- A. Approval of Minutes from the Regular Board Meeting of November 7, 2023.
- B. Approval of the October/November District Construction and Water Banking Project(s) Disbursements.
- C. Approval of the October/November District Disbursements.
- D. Approval of District 2024 Meeting Calendar.

#### **III. BUSINESS AND FINANCE**

A. - A(i). Public Hearing: Consideration of Resolution 2023-04 Levying Special Assessments Within Zones of Benefit: Following summary comments by staff, President Palla opened the Public Hearing and asked if there was anyone present wanting to comment on the item. Seeing none, President Palla closed the Public Hearing and returned the item to the Board for discussion and action.

M/S/C (Spitzer/Fanucchi) (yes-8, no-0): By unanimous vote, with Director Borba absent, the Board adopted Resolution 2023-04 Levying Special Assessments Within Zones of Benefit as presented.

B. Business & Finance Committee Report – November 16, 2023: District Controller Duncan provided a report from the November Business & Finance Committee Meeting.

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

M/S/C (Antongiovanni/Kaiser) (yes-8, no-0): By unanimous vote, with Director Borba absent, the Board approved the October 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 – November 7, 2023: 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.

B. – B(i.-ii). Winter Shutdown Maintenance Plan: Staff briefly discussed the various maintenance activities and projects that are planned for the winter shutdown period. After a very wet year, which necessitated extended operations of all District facilities, staff will be utilizing outside resources to assist during the winter shutdown period. Staff discussed the use of Cross Land Leveling Inc. to facilitate needed dredging along the Kern Island Drain and Rim Ditch as well as the use of Ruben's Pipeline, Inc. to replace a canal crossing on the Kern Island Drain (Recommended for approval by the Operations and Projects Committee).

M/S/C (Mendonca/Spitzer (yes-8, no-0)): By unanimous vote, with Director Borba absent, the Board approved Service Agreement 2023-09 with Lonnie A. Cross Land Leveling Inc. for dredging along the Kern Island Drain and Rim Ditch, in an amount not to exceed \$356,290 and Service Agreement 2023-10 with Ruben's Pipeline, Inc for the replacement of a canal crossing on the Kern Island Drain, in an amount not to exceed \$49,742.

#### **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 October and early November. Approximately 26,336 acre-feet of water was diverted in District during October. Staff also provided information related to current precipitation totals and future forecasts.

B. - B(i). Kern River Watermaster Report: The November Kern River Watermaster Report 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). SGMA Update: Mr. Teglia provided a brief verbal report 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**

A. Administration of Oaths of Office for Divisions 2,3,5,6,8, & 9: General Manager Teglia administered the oath of office for the Directors from the above referenced divisions.

**VIII. BOARD MEMBER COMMENTS**

**IX. ADJOURNMENT**

There being no further business, President Palla adjourned the meeting at approximately 2:39PM.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Steven Teglia", written in a cursive style.

Steven Teglia, General Manager

Approved by Board,

A handwritten signature in black ink, appearing to read "Richard Tillema", written in a cursive style.

Richard Tillema, Board Secretary



**KERN DELTA WATER BANKING PROGRAM DISBURSEMENTS**  
**RECOMMENDED BY THE OPERATIONS & PROJECTS COMMITTEE**  
**Tuesday, December 5, 2023**

#	PAYEE		AMOUNT	CHECK
1	BVWSD	08/2023 Exchange Fees	506,274.00	3796
2	PGE - FR3	Well Utilities	53.50	3797
3	PGE - KI7	Well Utilities	64.14	3798
4	PGE - KD1	Well Utilities	48.41	3799
5	PGE - KI8	Well Utilities	63.90	3800
6	PGE - KD2	Well Utilities	170.86	3801
7	PGE - AE4	Well Utilities	124.40	3802
8	PGE - AE2	Well Utilities	60.65	3803
9	PGE - AE3	Well Utilities	65.53	3804
10	SIERRA HYDRO	Progress Payment 3	8,406.48	3805
11	KCWA	2024 1st Quarter Cvc Operating & Power Costs	181,223.00	3806
12	PGE - FR1	Well Utilities	2.75	3807
13	PGE - ST1	Well Utilities	30.22	3808
14	PGE - BV3	Well Utilities	47.30	3809
15	PGE - KB3	Well Utilities	47.30	3810
16	PGE - KB4	Well Utilities	62.67	3811
17	PGE - KB6	Well Utilities	64.25	3812
18	PGE - KB1	Well Utilities	64.51	3813
19	PGE - FR2	Well Utilities	64.61	3814
20	PGE - BV2	Well Utilities	68.08	3815
21	PGE - BV5	Well Utilities	69.41	3816
22	PGE - BV4	Well Utilities	73.15	3817
23	PGE - AE1	Well Utilities	161.24	3818
24	SIERRA HYDRO	Progress Payment 4	36,082.97	3819
25	STEPHEN B. SMITH	Weed Control	1,705.00	3820
<b>TOTAL</b>			<b>735,098.33</b>	

*\*The December 5th 2023 Operations and Projects Committee was canceled, the above will be reviewed at the December 14th, 2023 Business and Finance Committee meeting.*

**SUNSET WATER BANKING PROGRAM DISBURSEMENTS**  
**RECOMMENDED BY THE OPERATIONS & PROJECTS COMMITTEE**  
**Tuesday, December 5, 2023**

#	PAYEE		AMOUNT	CHECK
1	KERN COUNTY TREASURY	Transfer funds to County	1,200,000.00	32
2	PACIFIC PREMIER BANK	Retainage	37,564.12	33
3	SPECIALTY CONSTRUCTION, INC.	Progress Payment 10	713,718.38	34
TOTAL			1,951,282.50	

*\*The December 5th 2023 Operations and Projects Committee was canceled, the above will be reviewed at the December 14th, 2023 Business and Finance Committee meeting.*

**KERN DELTA WATER DISTRICT**  
**DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE**  
**Thursday, December 14, 2023**

**NOVEMBER 2023 SUB TOTAL   \$    321,241.04**

<b># PAYEE</b>	<b>AMOUNT</b>	<b>CHECK</b>
1 ADVANCED DISTRIBUTION - Pump	125.42	46967
2 AMAZON CAPITAL SERVICES - Office Supplies	281.95	46968
3 B&B SURPLUS, INC. - Metal #T3	64.95	46969
4 BATTERY SYSTEMS, INC. - Battery #327	157.23	46970
5 VOID - Void	-	46917
6 CASH - Dmv Fee, Emp Phys., Copies	201.68	46971
7 VOID - Void		46972
8 CINTAS - Uniforms, Towels, Mats	505.20	46973
9 DANIELS TIRE SERVICE - Tires #325	587.22	46974
10 ELLISON, SCHNEIDER & HARRIS L.L.P. - Professional Services	34,514.75	46975
11 KERN COUNTY WATER AGENCY - 03-04/2023 Pioneer Recharge	56,457.00	46976
12 KERN MACHINERY - Chainsaws, Chains	1,038.08	46977
13 MARCOM GROUP - Website Hosting	95.00	46978
14 NATIONAL GROUNDWATER ASSOCIATION - 3213173 2024 Membership	120.00	46979
15 PACIFIC GAS & ELECTRIC - 10/11/23-11/08/23 Office	1,723.07	46981
16 PACIFIC GAS & ELECTRIC - 10/12/23-11/09/23 Shop	62.03	46980
17 PRINCIPAL LIFE INSURANCE - 12/01/23-12/31/23	5,386.79	46982
18 PROGRESSIVE TECHNOLOGY, INC. - Phone Service	457.29	46983
19 RELIABLE JANITORIAL - Cleaning Service	1,185.00	46984
20 SIERRA HYDROGRAPHICS - Progress Payment 3	19,615.11	46985
21 THC MECHANICAL INC - Service Hvac Systems	1,610.00	46986
22 VERIZON - Cell Service	674.77	46987
23 WIENHOFF AND ASSOCIATES, INC. - Annual Membership	595.00	46988
24 STERLING ADMIN - HRA Funding	125.00	Wire
25 Payroll #24	80,470.35	Wire
26 EFT-IRS P/R #24	21,563.49	Wire
27 Edd-State P/R #24	4,460.26	Wire
28 CASDU	363.22	Wire
29 Payroll People #24	173.10	Wire
30 Lincoln Life - Retirement Program	13,413.35	Wire
31 Lincoln Life - Deferred Comp.	2,846.00	Wire
32 Empower - Deferred Comp.	1,365.00	Wire
<b>NOVEMBER 2023 TOTAL</b>		<b>571,478.35</b>

<b># PAYEE</b>	<b>AMOUNT</b>	<b>CHECK</b>
1 A-1 ANSWERING SERVICE - Answering Service	578.54	46989
2 AMERICAN HYDROTECH - Lawn Maintenance	325.00	46990
3 BUGNI HARDWARE AND FEED - Rubber Boots	471.83	46991
4 CAREFREE TECHNOLOGY MANAGEMENT, LLC. - It Support	5,750.00	46992
5 CHRISTENSEN, INC. - Fuel	15,374.57	46993

6 CINTAS - Uniforms, Towels, Mats	1,390.12	46994
7 CITY OF BAKERSFIELD - 2023 3rd Qtr Clearing, Krgsa Cash Call	156,449.94	46995
8 DANIELS TIRE SERVICE - Tires #327	753.87	46996
9 FRED GARONE - Member Fees	1,800.00	46997
10 GEORGE BORBA - Member Fees	1,000.00	46998
11 GREENFIELD COUNTY WATER DIST. - Office Utilities	290.28	46999
12 HALL LETTER SHOP - Envelopes, Letterhead	522.36	47000
13 JERRY AND KEITH'S - Tee, Connector #324	38.05	47001
14 JIM BURKE FORD - Water Pump #217, Sensor #211, Steps #331	3,128.28	47002
15 JOEY MENDONCA - Member Fees	1,200.00	47003
16 JOHN KAISER - Member Fees	1,700.00	47004
17 KERN COUNTY RECORDER - Redemptions 12/11/2023	240.00	47005
18 KERN COUNTY WATER AGENCY - 2024 1st Qtr Cvc Standby, Pioneer Recharge	78,386.92	47006
19 KERN FAN MONITORING COMMITTEE - 2023 Inst #1	5,410.00	47007
20 KEVIN ANTONGIOVANNI - Member Fees	1,500.00	47008
21 LOWE'S BUSINESS ACCOUNT - Lumber, Screws, Cement	23,163.99	47009
22 McMURTREY, HARTSOCK, WORTH & ST. LAWRENCE - Professional Services	2,000.00	47010
23 O'REILLY AUTO PARTS - Brake Pads #211, Fuse #407	70.05	47011
24 PACIFIC GAS & ELECTRIC - 10/26/23-11/27/23 Lights	13.26	47012
25 PITNEY BOWES - Postage Lease	261.90	47013
26 PRICE DISPOSAL - Waste Removal	17.84	47014
27 PRINCIPAL LIFE INSURANCE - 12/01/23-12/31/23	5,386.79	47015
28 PROFORMA - Award Jackets, Beanies	802.05	47016
29 QUINN - Slopper Attachment #403, Filters #408	94,139.88	47017
30 RELIANCE FENCE - Gate Hinges	213.82	47018
31 RICHARD TILLEMA - Member Fees	1,600.00	47019
32 RKL SOLUTIONS, LLC - It Support	525.00	47020
33 ROBERT FANUCCHI - Member Fees	1,200.00	47021
34 RODNEY PALLA - Member Fees	1,100.00	47022
35 ROSS E. SPITZER - Member Fees	1,200.00	47023
36 SCHWEBEL PETROLEUM - Def	207.63	47024
37 SIERRA HYDROGRAPHICS - Progress Payment 4	84,193.61	47025
38 SPECTRUM - Internet Service	377.69	47026
39 SSD ALARM - 2024 1st Qtr Alarm Service	1,169.97	47027
40 STERICYCLE, INC. - Shred Service	304.23	47028
41 STINSON STATIONERS - Office Supplies	272.98	47029
42 SWEEPING CORP OF AMERICA - Parking Lot Maintenance	420.00	47030
43 TARGET SPECIALTY PRODUCTS -	11,552.75	47031
44 U.S. IRRIGATION - Pipe Bait Stations	306.80	47032
45 UNITED AG BENEFIT TRUST - 01/2024 Medical Premium	33,459.51	47033
46 VERIZON CONNECT - Gps Service	438.70	47034
47 WESTAIR GASES & EQUIPMENT, INC. - Welding Supplies	77.15	47035
48 ZENITH INSURANCE COMPANY - Installment 8	7,246.00	47036
49 CENTRALIZE HR - HR Services	1,895.00	Wire

50 Payroll #25	84,948.13	Wire
51 EFT-IRS P/R #25	22,922.06	Wire
52 Edd-State P/R #25	4,696.50	Wire
53 CASDU	363.22	Wire
54 Payroll People #25	174.10	Wire
55 Lincoln Life - Retirement Program	13,998.41	Wire
56 Lincoln Life - Deferred Comp.	2,846.00	Wire
57 Empower - Deferred Comp.	1,365.00	Wire
<b>DECEMBER 2023 SUBTOTAL</b>		<b>681,239.78</b>

**KERN DELTA WATER DISTRICT**  
**End of Month Estimated Disbursements**

**December  
2023**

<b>Payee</b>	<b>Reason</b>	<b>Estimated</b>
AMAZON CAPITAL SERVICES	office supplies	450.00
B & B SURPLUS	canal maintenance materials	150.00
BATTERY SYSTEMS	vehicle maintenance	160.00
BUDGET BOLT	maintenance materials	200.00
CARQUEST	brake fluid, lube	300.00
CHRISTENSEN/(Amerifuel)	gas/diesel fuel	9,300.00
CINTAS	safety materials	505.00
CITIZENS CARDMEMBER SERV	misc expenses	4,024.17
COX, CASTLE & NICHOLSON LLP	professional services	500.00
DANIELS TIRE SERVICE	vehicle tires/repair	600.00
DOWN'S EQUIPMENT RENTAL	equipment rental	15,000.00
ELLISON, SCHNEIDER & HARRIS	professional services	40,000.00
EMPOWER	deferred comp contributions	1,365.00
HERC RENTALS	equipment rental	5,000.00
JIM BURKE	truck maintenance/repair	1,500.00
K.C. WASTE (PUBLIC WORKS)	dumping	3,500.00
KERN COUNTY RECORDER	lien redemption	240.00
LINCOLN FINANCIAL	pension/deferred comp contributions	16,260.00
MARCOM GROUP	district web site support	95.00
O'REILLY AUTO PARTS	vehicle repair parts	150.00
P.G.&E.	district office utilities	2,500.00
PRINCIPAL LIFE INS.	dental/vision/life insurance premium	5,386.79
PROGRESSIVE TECH.	phones	457.29
QUINN	heavy equipment parts/repair	800.00
RELIABLE JANITORIAL	janitor service	1,185.00
SCHWEBEL PETROLEUM	oil/lubricants	207.63
SPECTRUM	internet access	377.69
STERLING ADMINISTRATION	medical insurance - annual fees	125.00
TARGET	weed control chemicals	155,000.00
VERIZON	cell phones and service	675.00
		<u>266,013.57</u>

Tab III





## **BUSINESS & FINANCE COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**THURSDAY, December 14, 2023  
10:00AM**

### **A G E N D A**

- 1. Call to order**
- 2. Public Comment Period**
- 3. Approve Minutes of November 16, 2023, Business & Finance Committee Meeting**
- 4. Financial Reports and Accounts Payable:**
  - a. Approve November and December District and Banking Project(s) Disbursements
  - b. Approve November 2023 Financial Reports
- 5. District Controller's Report:**
  - a. Investment Portfolio Review
- 6. Committee Comments**
- 7. Adjourn**

A handwritten signature in black ink, appearing to read "Bryan C. Duncan", with a stylized flourish at the end.

**Bryan C. Duncan  
District Controller**

**Posted: Monday December 11, 2023  
Bakersfield, California**

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.





MINUTES OF THE BUSINESS & FINANCE COMMITTEE  
Thursday, December 14, 2023

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

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

1. **CALL TO ORDER**

Director Antongiovanni called the meeting to order at 10:00 A.M.

2. **PUBLIC COMMENTS**

None.

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

- a. **M/S/C (Garone/Kaiser) (yes – 4, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on November 16, 2023, as presented.

4. **FINANCIAL REPORTS AND DISBURSEMENTS**

- a.-b. Approval of November 2023 and December 2023 Disbursements and November 2023 Financial Reports. **M/S/C (Tillema/Garone) (yes – 4, no – 0):** The Business & Finance Committee recommends the Board approve the November 2023 and December 2023 District Disbursements, the December 2023 Water Banking Projects' Disbursements, the anticipated December 2023 end of month Disbursements, and the November 2023 District and Water Banking Projects' Financial Statements, Treasurer's Reports, and Delinquency Report as presented. After a brief discussion, the Business & Finance Committee directed staff to move \$240,000 from the 2015-A COP Reserve Fund to the Water Rights Protection & Litigation Reserve.

5. **DISTRICT CONTROLLER'S REPORT**

- a. Staff presented an update of the District's investment portfolio.

6. **DIRECTORS' COMMENTS**

None.

7. **ADJOURN**

Director Antongiovanni adjourned the meeting at 10:41 A.M.

Respectfully submitted,

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Kevin Antongiovanni – Chair

**Kern Delta Water District  
Balance Sheet  
As of November 30, 2023**

	<u>11/30/2023</u>	<u>10/31/2023</u>	<u>Month-to-Month Variance</u>
<b>Assets</b>			
Current Assets			
Cash & Cash Equivalents	25,393,668	24,784,217	609,451
Accounts Receivable	206,609	656,851	(450,242)
Inventory & Prepaid Expenses	468,915	512,344	(43,429)
Total Current Assets	<u>26,069,192</u>	<u>25,953,412</u>	<u>115,780</u>
Net Fixed Assets			
Fixed Assets			
District Structures, Rights of Way	18,056,788	18,056,787	0
CVC Expansion	8,776,668	8,776,668	0
Machinery & Equipment	3,372,218	3,343,749	28,470
Fixed Assets	<u>30,205,674</u>	<u>30,177,204</u>	<u>28,470</u>
Less Accumulated Depreciation	<u>(8,117,495)</u>	<u>(8,065,495)</u>	<u>(52,000)</u>
Net Fixed Assets	<u>22,088,179</u>	<u>22,111,709</u>	<u>(23,530)</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>59,308,421</u></b>	<b><u>59,216,171</u></b>	<b><u>92,250</u></b>
<b>Liabilities &amp; Equity</b>			
Current Liabilities			
Accounts Payable	301,109	140,411	160,698
Other Liabilities	198,016	195,186	2,830
Total Current Liabilities	<u>499,125</u>	<u>335,597</u>	<u>163,528</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>3,422,467</u>	<u>3,422,468</u>	<u>0</u>
Equity From Past Years	55,884,422	55,884,421	0
Accumulated Equity - Current Year	<u>(497,593)</u>	<u>(426,315)</u>	<u>(71,278)</u>
<b>Total Liabilities &amp; Equity</b>	<b><u>59,308,421</u></b>	<b><u>59,216,171</u></b>	<b><u>92,250</u></b>

**Kern Delta Water District**  
**Cash Variance Analysis**  
**November 30, 2023**

**Cash Received:**

Accounts Receivable Collections	849,170
Share of Property Tax Receipts	339,351
Interest Received	15,913
	<u>1,204,434</u>

**Cash Disbursed:**

Kern Delta Water Banking Project - CVC O&M - 3rd Qtr	(75,138)
Disbursements for Goods and Services:	
KCWA - Pioneer Recharge	(56,457)
Medical/Dental Monthly Insurance Premiums	(38,846)
Professional Services	(36,852)
Diesel/Gas for Fleet	(21,498)
Sierra Hydrographics - SCADA	(19,615)
Progressive Tech/Carefree Tech - Cyber Security, Tech	(15,062)
NKWSD - Weather Modification - Startup WY 2024	(10,348)
Vehicle/Equipment Maintenance	(7,604)
Zenith Insurance - workers' comp	(7,246)
Board Members - tech stipend	(6,300)
Kern Bros Trucking - Sand/Dredging	(4,250)
The Bakersfield Californian - Legals	(4,027)
Kern County Public Works	(2,275)
WAKC - Cash Call	(2,000)
Other Disbursements	(21,983)
	<u>(329,500.77)</u>
Payrolls Paid	(251,415)
	<u>(580,915)</u>

<b>Positive/(Negative) Cash Variance Before FMV Adjustment</b>	<b>623,519</b>
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<b>FMV Adjustment to Kern County Funds</b>	<b>(14,067)</b>
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<b>Adjusted Positive/(Negative) Cash Variance</b>	<b>609,451</b>
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**Kern Delta Water District**  
**Accounts Receivable Variance Analysis**  
**November 30, 2023**

**Revenue Added to Accounts:**

Water Sales - Utility Water	125,532
LGI Homes - Seepage/Mtce Fee Revenue	271,386
Other Misc Revenues:	
Encroachment Permits	500
Other	1,511
	<u>398,928</u>

**Cash Received:**

Water Payments	(227,779)
Misc Payments	(619,815)
Assessments Payments	(1,576)
	<u>(849,170)</u>

**Interest Accrual Reversed**

(849,170)

**Net positive/(negative) variance**

**(450,242)**

**Kern Delta Water District  
Inventory/Prepays Variance Analysis  
November 30, 2023**

**Additions to Accounts:**

Weed Control Chemicals Purchased	-
Prepaid Additions	7,246
	<hr/>
	7,246
	<hr/>

**Usage/Amortization:**

Chemicals Consumed During Month	(25,605)
Amortization of Prepaid Accounts	(25,070)
	<hr/>
	(50,675)
	<hr/>

<b>Net positive/(negative) variance</b>	<b>(43,429)</b>
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**Kern Delta Water District**  
**Statement of Operating Results**  
**Through the Period Ended November 30, 2023**

	<u>Current Month</u>	<u>Year to Date</u>	<u>Annual Budget</u> KDWD Budget 2023	<u>YTD as %age of Budget (Target is 92%)</u>	<u>Budget Remaining</u>
<b>REVENUE</b>					
State Water Sales	0	0	1,105,543	0 %	(1,105,543)
Utility Water Sales	125,318	3,759,987	3,214,296	117 %	545,691
Seepage Revenue	176,385	944,551	750,000	126 %	194,551
Equalization	0	9,045	9,198	98 %	(153)
Assessments	0	997,418	1,006,879	99 %	(9,461)
Share of County Property Tax	339,351	3,472,653	6,085,317	57 %	(2,612,664)
Interest Revenue	15,913	361,743	208,045	174 %	153,698
Other Revenue	96,462	194,448	250,000	78 %	(55,552)
Water Transfer Charges	0	845,411	835,400	101 %	10,011
Expense Reimb From Banking	0	0	150,000	0 %	(150,000)
Total Revenue	<u>753,429</u>	<u>10,585,256</u>	<u>13,614,678</u>	<u>78 %</u>	<u>(3,029,422)</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	66,450	373,484	435,400	86 %	(61,916)
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>66,450</u>	<u>4,098,707</u>	<u>4,735,250</u>	<u>87 %</u>	<u>(636,543)</u>
Transmission and Distribution					
Labor	238,957	2,605,786	2,866,402	91 %	(260,615)
Employee Benefits	82,604	903,565	990,269	91 %	(86,705)
Maintenance & Repairs	76,894	1,326,705	1,484,564	89 %	(157,859)
Total Transmission and Distribution	<u>398,455</u>	<u>4,836,056</u>	<u>5,341,235</u>	<u>91 %</u>	<u>(505,179)</u>
Administrative & Other Costs					
Engineering Consultants	0	0	50,000	0 %	(50,000)
Legal Expense	0	2,081	10,000	21 %	(7,919)
Special Legal/Engineering	36,852	291,291	500,000	58 %	(208,709)
Office Operations	34,918	341,626	357,407	96 %	(15,781)
Insurance	15,742	176,440	173,426	102 %	3,014
Special Expenses	206,222	787,180	811,000	97 %	(23,820)
Kern River GSA & SGMA	0	66,784	300,000	22 %	(233,216)
Construction Expense - Peripheral	0	3,135	0	0 %	3,135
Bond Interest Expense	0	110,874	115,439	96 %	(4,565)
FMV Adjustment	14,068	(184,508)	0	0 %	(184,508)
Depreciation	52,000	553,183	0	0 %	553,183
Total Administrative & Other	<u>359,802</u>	<u>2,148,086</u>	<u>2,317,272</u>	<u>93 %</u>	<u>(169,186)</u>
Total Expenses	<u>824,707</u>	<u>11,082,849</u>	<u>12,393,757</u>	<u>89 %</u>	<u>(1,310,908)</u>
<b>Net Fav/(Unfav) Operating Results</b>	<u><b>(71,278)</b></u>	<u><b>(497,593)</b></u>	<u><b>1,220,921</b></u>	<u><b>(41) %</b></u>	<u><b>(1,718,514)</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		2,605,786
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		185,772
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		398,762
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)		(49,747)
Vacation Accrual - Incr/(Decr)	639	6,504	1,324	(430)	14,812	782	2,901	(11,965)	(370)	4,005	2,066		20,268
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		65,723
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		18,095
Retirement Plan	21,013	19,546	21,680	20,802	22,984	21,727	22,482	22,631	21,875	23,297	22,431		240,468
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		24,224
Total Benefits	78,993	79,082	77,627	83,116	96,424	84,171	85,103	66,614	83,591	86,238	82,606	-	903,565
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	-	3,509,351

<b>Budgeted Cost</b>													
Wages & Salaries	237,051	214,857	237,877	230,422	246,721	238,199	246,139	246,139	238,199	246,139	238,357		2,620,100
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		195,621
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		395,395
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)		(57,438)
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		68,986
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		16,500
Retirement Plan	22,381	20,537	23,016	22,562	24,116	23,567	24,352	25,584	24,759	25,584	24,773		261,231
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		21,865
Total Benefits	80,531	76,989	82,229	80,205	83,310	82,109	84,502	85,297	83,042	82,984	80,958	-	902,160
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	-	3,522,260

<b>Budget vs Actual Variance - Fav/(Unfav)</b>													
Wages & Salaries	10,794	6,744	593	992	(8,194)	2,113	1,590	(3,236)	2,742	776	(599)	-	14,315
Payroll Taxes - Employer Paid	1,139	794	368	386	(308)	480	451	1,210	1,621	2,405	1,303	-	9,849
Medical/Dental/Vision - Cost	776	2,874	4,010	(4,692)	2,041	(1,166)	(696)	954	(2,799)	(1,647)	(3,022)	-	(3,367)
Medical/Dental/Vision - Employee Withheld	(757)	(1,194)	(671)	(786)	(707)	(694)	(542)	(534)	(686)	(472)	(652)	-	(7,691)
Vacation Accrual - Incr/(Decr)	(639)	(6,504)	(1,324)	430	(14,812)	(782)	(2,901)	11,965	370	(4,005)	(2,066)	-	(20,268)
Workers' Comp Insurance	1	1	1	1	(11)	(11)	(11)	3,325	(11)	(11)	(11)	-	3,263
Life/LTD/AD&D	(25)	(26)	(278)	(83)	(9)	(303)	(160)	(194)	(148)	(183)	(186)	-	(1,595)
Retirement Plan	1,368	991	1,336	1,760	1,132	1,840	1,870	2,953	2,884	2,287	2,342	-	20,763
Uniforms and Other Benefits	(325)	971	1,160	72	(439)	(1,426)	1,388	(996)	(1,780)	(1,628)	644	-	(2,359)
Total Benefits	1,538	(2,093)	4,603	(2,911)	(13,113)	(2,062)	(601)	18,683	(549)	(3,254)	(1,648)	-	(1,405)
Total Labor and Benefits	12,332	4,651	5,196	(1,920)	(21,307)	51	989	15,447	2,193	(2,478)	(2,247)	-	12,909

**KERN DELTA WATER DISTRICT**

**TREASURER'S REPORT**

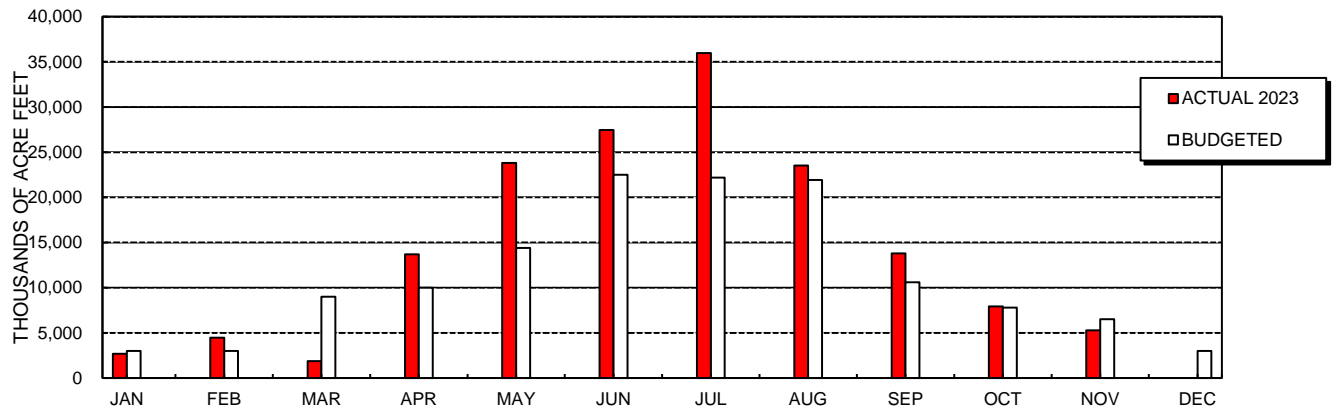
**November 2023**

	<b>2023</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>
Cash & Securities on hand - November 1, 2023	\$ 24,784,217	\$ 22,182,182	\$ 21,991,044	\$ 21,826,115
Add: November receipts	1,190,367	134,179	548,827	323,111
Less: November disbursements	(580,916)	(764,942)	(767,772)	(385,173)
<b>Cash &amp; Securities on hand - November 30, 2023</b>	<b>\$ 25,393,668</b>	<b>\$ 21,551,419</b>	<b>\$ 21,772,099</b>	<b>\$ 21,764,053</b>
<b>Petty Cash</b> \$ <b>500</b>				
<b>Citizens Business Bank</b> <b>952,463</b>				
<b>Kern County Treasury</b> <b>523,303</b>				
<b>JP Morgan Money Market</b> <b>3,230,122</b>				
<b>LPL Financial</b> <b>20,687,279</b>				
<b>\$ 25,393,668</b>				
<b>Restricted Reserves:</b>				
Restricted Reserve Fund - Water Resources Manager	\$ (240,417)	\$ (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)	(3,034,803)
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>\$ (17,785,687)</b>	<b>\$ (17,750,270)</b>	<b>\$ (17,747,203)</b>	<b>\$ (18,063,648)</b>
<b>Cash Available - November 30, 2023</b>	<b>\$ 7,607,980</b>	<b>\$ 3,801,149</b>	<b>\$ 4,024,897</b>	<b>\$ 3,700,406</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									



## KERN DELTA WATER DISTRICT

Aged Accounts Receivable

Past Due Accounts

December 19, 2023

Account	Name	0-30 Days	31-60 Days	61-90 Days	Over 90 Days	Total Past Due
592	Costa, Joe & Mary	458.15	652.15	577.85	-	1,688.15
2362	Tesch, Greg	511.56	-	-	-	511.56
3253	Bidart Farms	240.00	-	-	-	240.00
4126	Costa Land Co. LLC	101.58	-	-	-	101.58
4511	Samra, Sukhmander & Karamjeet	463.08	-	-	-	463.08
4986	Buoni, Gino	634.33	-	-	-	634.33
5196	Hernandez, Alfredo	2.17	144.94	-	-	147.11
5687	Guardado, Luis	49.75	96.54	-	-	146.29
5708	Dotson, Phillip & Wendy	114.00	-	-	-	114.00
	OTHER	327.75	53.72	50.39	143.69	575.55
		2,902.37	947.35	628.24	143.69	4,621.65

**Kern Delta Water Banking Project  
Balance Sheet  
As of November 30, 2023**

	<u>11/30/2023</u>	<u>10/31/2023</u>	<u>Month-to-Month Variance</u>
<b>Total Assets</b>			
Current Assets			
Cash & Cash Equivalents	5,915,858	6,265,623	(349,765)
Other Receivables	0	150,277	(150,276)
Inventory and Prepaids	44,957	44,957	0
Total Current Assets	<u>5,960,815</u>	<u>6,460,857</u>	<u>(500,041)</u>
Fixed Assets			
All Structures	64,668,228	64,659,821	8,406
Machinery and Equipment	598,824	598,824	0
Less Accumulated Depreciation	<u>(12,883,754)</u>	<u>(12,845,754)</u>	<u>(38,000)</u>
Fixed Assets Net of Depreciation	<u>52,383,298</u>	<u>52,412,891</u>	<u>(29,594)</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>59,959,704</u></b>	<b><u>60,489,339</u></b>	<b><u>(529,635)</u></b>
<b>Total Liabilities &amp; Equity</b>			
Current Liabilities			
Accounts Payable	0	16	(16)
Total Current Liabilities	<u>0</u>	<u>16</u>	<u>(16)</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>(1,407,945)</u>	<u>(878,326)</u>	<u>(529,619)</u>
Total Equity	<u>59,959,704</u>	<u>60,489,323</u>	<u>(529,619)</u>
<b>Total Liabilities &amp; Equity</b>	<b><u>59,959,704</u></b>	<b><u>60,489,339</u></b>	<b><u>(529,635)</u></b>

**Kern Delta Water Banking Project**  
**Cash Variance Analysis**  
**November 30, 2023**

**Cash Received:**

Received From KDWD - CVC Ops/Power	75,138
Received From ID#4 - CVC Ops/Power	75,138
Interest Received	19,780
	<hr/>
	170,056

**Cash Disbursed:**

BVWSD - YTD Exchange Fees	(506,274)
Sierra Hydrographics - SCADA	(8,406)
Stevens Monitoring	(3,747)
PG&E - Well Power	(1,245)
	<hr/>
	(519,673)

<b>Positive/(Negative) Cash Variance Before FMV Adjustment</b>	<b>(349,617)</b>
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<b>FMV Adjustment to Kern County Funds</b>	<b>(148)</b>
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<b>Adjusted Positive/(Negative) Cash Variance</b>	<b>(349,765)</b>
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**Kern Delta Water Banking Project**  
**Statement of Operating Results**  
**As of November 30, 2023**

	<u>Current Month</u>	<u>Year to Date</u>
<b><u>REVENUE:</u></b>		
Miscellaneous Revenue	0	186,542
Interest Revenue	19,780	230,014
Total Revenue	<u>19,780</u>	<u>416,556</u>
<b><u>EXPENSES:</u></b>		
Transfer and Exchange Fees		
TRF Fees	0	12,000
Exchange Fees to BVWSD	506,274	506,274
Total Transfer and Exchange Fees	<u>506,274</u>	<u>518,274</u>
Other Costs		
Power Cost - Wells	1,245	16,482
CVC Operating Costs	0	595,179
CVC Power Costs	0	4,794
Spreading OM&R	0	238,484
Wells OM&R and Other	3,731	6,382
FMV Adjustment	149	(123,593)
Depreciation	38,000	568,500
Total Other Costs	<u>43,125</u>	<u>1,306,227</u>
Total All Expenses	<u>549,399</u>	<u>1,824,502</u>
<b>Fav/(Unfav) Operating Results</b>	<u><b>(529,619)</b></u>	<u><b>(1,407,946)</b></u>
Estimated MWD Revenue thru 3rd Qtr		<u>3,250,000</u>
Estimated Fav/(Unfav) Operating Results		<u><u>1,842,054</u></u>

## KERN DELTA WATER BANKING PROJECT

## TREASURER'S REPORT

November 2023

		2023	2022	2021	2020
Cash & Securities on hand - November 1, 2023		\$ 6,265,623	\$ 6,505,475	\$ 7,238,571	\$ 13,537,474
Add: November receipts		169,908	582,664	274,231	600,824
Less: November disbursements		(519,673)	(525,807)	(194,258)	(649,787)
<b>Cash &amp; Securities on hand - November 30, 2023</b>		<b>\$ 5,915,858</b>	<b>\$ 6,562,332</b>	<b>\$ 7,318,543</b>	<b>\$ 13,488,512</b>
Citizens Business Bank	\$ 285,239				
Kern County Treasury	232,609				
JP Morgan Money Market	4,148,010				
LPL Financial	1,250,000				
	<u>\$ 5,915,858</u>				
Restricted Cash included in above:	OM&R Spreading	\$ (220,393)	\$ (129,098)	\$ (259,281)	\$ 901,818
	OM&R Extraction	(594,914)	(647,434)	(690,438)	(220,442)
	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		<u>\$ (2,829,431)</u>	<u>\$ (4,676,931)</u>	<u>\$ (3,187,320)</u>	<u>\$ (8,348,285)</u>
<b>Cash Available for Construction - November 30, 2023</b>		<b>\$ 3,086,428</b>	<b>\$ 1,885,401</b>	<b>\$ 4,131,224</b>	<b>\$ 5,140,229</b>

**Sunset Water Banking Project  
Balance Sheet  
As of November 30, 2023**

	<u>11/30/2023</u>	<u>10/31/2023</u>	<u>Month-to-Month Variance</u>
<b>Assets</b>			
Current Assets			
Cash & Cash Equivalents	1,798,977	2,522,920	(723,943)
Total Current Assets	<u>1,798,977</u>	<u>2,522,920</u>	<u>(723,943)</u>
Fixed Assets			
Construction in Progress	4,729,054	3,977,772	751,283
Total Fixed Assets at Cost	<u>4,729,054</u>	<u>3,977,772</u>	<u>751,283</u>
Net Fixed Assets	<u>4,729,054</u>	<u>3,977,772</u>	<u>751,283</u>
<b>Total Assets</b>	<u><b>6,528,031</b></u>	<u><b>6,500,692</b></u>	<u><b>27,340</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	65,668	38,329	27,340
Total Equity	<u>6,528,031</u>	<u>6,500,692</u>	<u>27,340</u>
<b>Total Liabilities &amp; Equity</b>	<u><b>6,528,031</b></u>	<u><b>6,500,692</b></u>	<u><b>27,340</b></u>

**Sunset Water Banking Project  
Statement of Operating Results  
As of November 30, 2023**

	<u>Current Month</u>	<u>Year to Date</u>
<b>Revenue</b>		
Interest Revenue	6,249	54,319
Miscellaneous Revenue	0	19
Total Revenue	<u>6,249</u>	<u>54,338</u>
<b>Expenses</b>		
FMV Adjustment	<u>(21,091)</u>	<u>(11,330)</u>
Total Expenses	<u>(21,091)</u>	<u>(11,330)</u>
<b>Fav/(Unfav) Operating Results</b>	<u><b>27,340</b></u>	<u><b>65,668</b></u>



**SUNSET BANKING PROJECT**

**TREASURER'S REPORT**

**November 2023**

	<b>2023</b>	<b>2022</b>	<b>2021</b>	
Cash & Securities on hand - November 1, 2023	\$ 2,522,920	\$ 1,987,359	\$ 1,000,066	
Add: November receipts	27,340	312	997,245	
Less: November disbursements	(751,283)	(50,104)	(99,522)	
<b>Cash &amp; Securities on hand - November 30, 2023</b>	<b>\$ 1,798,977</b>	<b>\$ 1,937,567</b>	<b>\$ 1,897,789</b>	<b>\$ -</b>
<div> <div>Citizens Business Bank</div> <div>520,129</div> <div>Kern County Treasury</div> <div>1,278,848</div> <div><u>\$ 1,798,977</u></div> </div>				
<b>Unrestricted Reserves:</b> None				
<b>Total Reserves</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Cash Available - November 30, 2023</b>	<b>\$ 1,798,977</b>	<b>\$ 1,937,567</b>	<b>\$ 1,897,789</b>	<b>\$ -</b>

**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

- - - - -

**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

# Tab IV





**OPERATIONS AND PROJECTS  
COMMITTEE MEETING**

501 Taft Highway  
Bakersfield, CA

TUESDAY, December 5, 2023

CANCELED

The December 5, 2023 Operations and Projects Committee Meeting has been canceled.



To: Kern Delta Water District Board of Directors

From: Daniel Deleon

Date: September 19, 2023

Re: Encroachment Permit Applications & Easement Requests

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**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: Power Plus!**

Location: Branch One Canal

Purpose: Install temporary overhead power for Pilot Truck Stop project.

Start Date: TBD

## Maintenance Report

November 2023

1. **Structure and Turnout Repairs.** The following jobs were completed during the month.
  - a. Build new trash screen for 5-0-201 on Stine canal.
  - b. Reattached gate 174 on the Stine to box with all thread and mortaring
  - c. Replace bad section of stem on Stine, gate 168.
  - d. Replace bad section of stem on Stine, gate 138.
  - e. Worked BV basins head gates to get them to close all the way.
  - f. Repair wash out on Randall.
  - g. Repair wash out due to gopher activity on Smith and Judd at Gosford Rd.
2. **Shop.** The following jobs were completed during the month;
  - a. Normal service and repairs on District vehicles and equipment.
  - b. Replaced battery on truck #327.
  - c. Replaced water pump and installed door panel on truck #217.
  - d. Repaired tire on service truck #328.
  - e. Installed steps on trash truck #331.
  - f. Ford repaired truck #226.
  - g. Took spray truck in for warranty repair of the heater core.
3. **District Wells.**
  - a. Monthly service and inspection of all District wells, clean well pads as needed.
4. **Motor Grader # 403** The following canals were sloped, and roads graded;
  - a. Finished Eastside canal and took to Quinn for installation of new sloper attachment.
5. **Backhoe # 402** The following jobs were completed during the month;
  - a. Dredge out Central Canal from Arvin Edison crossing to Panama Ln.
6. **Backhoe # 404** The following jobs were completed this month;
  - a. Assist with tree cutting on Stine Canal.
  - b. Cleaned Stine Canal of trash and debris.
  - c. Remove tumbleweeds at Romero Basins.
  - d. Haul a load of dirt to Smith and Judd.
7. **Backhoe # 408** The following jobs were completed this month;
  - a. Remove sediment from Arvin Edison crossing to Panama Ln on the Central Canal.
  - b. Haul dirt and fix wash out on the Randall.
  - c. Fix wash out on Smith and Judd.
  - d. Remove sediment buildup at several crossings on the Stine Canal near Planz Rd.
8. **Weed Spraying.** The following canals were sprayed during the month;
  - a. Spot treat the bottom of the Eastside Canal for arrowhead weed.
  - b. Spot treat BV for arrowhead.
  - c. Sprayed Kern Island inside banks from Weir 631 to head including 13 Ditch, and 18 N&S.

9. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
  - a. Surface sprayed the Central below the lake to the Rim.
  - b. Surface sprayed Branch 1 return and 13 Ditch.
10. **Rodent Control**
  - a. Bait stations were checked and filled throughout the district and moved the nonactive stations to areas with activity.
  - b. Build new bait stations for Rim and Central.
11. **Trash Removal.**
  - a. Clean trash racks throughout District.
  - b. Removed trash left behind from homeless encampments.
  - c. Went through the Stine canal and picked up trash/debris.
  - d. Cleaned up the Central from Arvin Edison north removing tumbleweeds and trash.
12. **Fence Repairs.** Fences and Gates were repaired at the following locations;
  - a. Stine Canal- District Blvd and Stockdale.
  - b. Central Canal- Planz and Brundage.
  - c. Eastside Canal- cut welds on the southwest gate on Panama Ln and attached chain with oil lease lock.
  - d. Kern Island Canal – Columbus St.
  - e. Branch 1-
  - f. BV Canal
  - g. Farmers Canal- Harris Rd. and Stine Rd.
13. **Safety Meetings.** Weekly tailgate safety topics were;
  - a. Relying On Memory.
  - b. Before A Work Task Begins.
  - c. Communication And Safety.
14. **Water Banking Activities.** The following jobs were completed during the month;
  - a. Cleaned up Romero basins.
15. **Future Projects.** The following projects will be completed as time permits:
  - a. Schedule shutdown projects by District staff and outside contractors.
  - b. Plan for unforeseen projects that will show up as canals drain in December.





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	-	AEWSD awarded overhead contract. Construction TBD Pending plans No update 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 Construction underway. 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. Waiting for insurance and permit fee Access to remove equipment On going staff discussions
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	Culvert Extension	Kern Island Main Canal	North of Taft Hwy	X	X	-	X	
14	P	Lane Engineers	Utility crossing	Kern Island Main Canal	North of Taft Hwy	X	X	X	-	
15	P	LAV // Pinnacle	Pipeline & Realignment	Branch One Canal	South of Taft Hwy	-	-	-	X	
16	P	McIntosh & Associates	Fencing, Road crossing	Burness Ditch	North of Taft Hwy	X	-	-	-	
17	P	McIntosh & Associates	Pipeline & Realignment	Branch II Canal	North of McKee	X	P	-	X	
18	P	McIntosh & Associates	Pipeline & Realignment	Branch II & Stine Canal	West of Gosford	-	-	-	X	
19	P	Memorial	Solar Project	Eastside Canal	North of 34th Street	-	-	-	X	
20	P	Panama Buena Vista USD	Pipeline & Realignment	Randall Ditch	West of Stine Road	-	-	-	X	
21	P	Panama Buena Vista USD	Realignment	Randall Ditch	East of Stine Road	-	-	-	X	
22	P	PG&E	Gas pipeline	Central Branch Canal	Southside of Ming	-	-	X	-	
23	P	PG&E	Ungrounding power, 34th St	Multiple	34th Street	X	X	X	-	
24	P	Porter and Associates	Culvert Extension	Central Branch Canal	North of Panama Lane	-	-	-	X	
25	P	Power Plus!	Temp Overhead Power	Branch One Canal	South of Taft Hwy	-	-	-	-	
26	P	Sturgeon Services Int	Access	Central Branch Canal	Pacheco Rd	-	-	X	-	
27	P	WRMWSO/KDWD	5G Tie-In	Buena Vista	North of S. Lake Rd	-	-	-	-	
28	C	FIELD/KC Custom Concrete	Block Wall	Central Branch Canal	East of Union	X	X	X	-	Construction on going
29	C	Callballero	Long-term access request	Eastside Canal	South of Panama Lane	-	-	-	-	Discussions on going
30	C	PCL	Underground Electrical	Buena Vista	Bear Mt. Blvd	-	-	X	-	Waiting to coordinate with contractor
31	C	KDWD	Old River Fencing	Old River Basins	North of Taft Hwy	-	-	-	X	Completed 9-14-2023
32	C	McIntosh & Associates	Pipeline & Realignment	Section 31 Ditch	North of McCutchen	X	X	-	X	Phase I complete
33	C	McIntosh & Associates	Wrought Iron Fencing	Branch One Canal	East of Hwy 99	X	X	X	-	Complete
34	C	KDWD	Grading	Old River Basins	North of Taft Hwy	-	-	-	X	Complete
35	C	KDWD	13 Ditch Return Repair	13 Ditch	North of Shafter Road	-	-	-	-	Repair complete
36	C	Laurel Ag	New turnout	Eastside Canal	End of Eastside	X	X	X	-	Expected to be completed by Feb 8th, 2023
37	C	PG&E	Bridge removal	Eastside Canal	North of 30th Street	-	-	-	X	
38	C	Cal Water	Waterline	Kern Island Main Canal	N Street	X	X	X	-	Complete
39	C	EDP Renewables	Canal Access	Rim Ditch	Between I-5 and Ashe	-	-	-	X	Complete
40	C	KDWD	Traveling Screens	Central Branch Canal	North of AE Intake Canal	-	-	-	X	Complete
41	C	Murray Family Farms	Install sign	Rim Ditch	North of Rim Ditch	X	-	-	-	Complete
42	C	KDWD	Annual Engineering Report	N/A	N/A	-	-	-	-	Complete
43	C	KDWD	2021 Crop Report	N/A	N/A	-	-	-	-	Complete
44	C	PG&E	Overhead Power	Central Branch Canal	South of Panama Lane	X	X	X	-	Complete
45	C	Power Plus!	Temp Overhead Power	Central Branch Canal	Central near KD-02 Site	X	X	X	-	Installed
46	C	South Valley	Well discharge	Kern Island Main Canal	South of McKee	X	X	X	-	Purge well into canal

ARVIN-EDISON WATER STORAGE DISTRICT  
BOARD OF DIRECTORS MEETING  
December 12, 2023

CONSENT AGENDA DETAIL SHEET - **ACTION ITEM**

**AGENDA ITEM 16: SUNSET GROUNDWATER RECHARGE FACILITY PUMP STATION OVERHEAD ELECTRICAL SERVICE CONSTRUCTION CONTRACT**

**BACKGROUND:** In the fall of 2018, Board of Directors for both Arvin-Edison (AE) and Kern Delta (KD) approved the joint purchase of ~150 acres of “Stenderup Property” located within AE for a future recharge facility (site map enclosed) for various purposes but mainly due to the property location being in an area of historic low groundwater elevation and therefore beneficial for SGMA implementation (chronic lowering of groundwater levels, positive water budget, and cross boundary flows).

Since the property purchase, both AE and KD have executed two cost share agreements to continue the development of the Sunset Groundwater Recharge Facility (Project) including environmental documentation (adopted in July 2020) and design services.

In September 2021, the Earthwork/Structures portion of the Project was awarded to the lowest responsible bidder being Wood Bros with a bid of \$1,666,689.67 and after construction management and other contingencies, the total Phase 1 advance of \$2,000,000 was split equally (50/50 or \$1,000,000 AE share) with Kern Delta pursuant to the Project Operation and Maintenance agreement dated April 22, 2021. The Project was completed in March 2022.

In August 2022, after competitive bidding, the apparent lowest responsible bidder for the Pump Station and Pipeline portion of the Project was Specialty Construction with a bid of \$3,760,908 and Zeiders Consulting task order for construction management, testing and inspection for \$400,805. In addition to the construction contract, **an additional \$350,000 was recommended to be budgeted to expediate electrical distribution service** to the new Pump Station. Given equipment lead times on electrical drives, panels, and pumps, the Pump Station portion of Project is estimated to be completed in February 2024.

Final total Project costs for the Property, Earthwork/Structures, Pump Station, Pipeline and Electrical service will be prepared upon Project completion (currently amounts to approximately \$10.6M). The O&M Account is subject to reimbursement upon completion of the entire Project.

**ELECTRICAL SERVICE PROJECT:** In August 2023, due to material deficiencies in the initial round of bidding, the Overhead Electrical Service portion of the Project was re-advertised in October 2023 and bids were received December 4<sup>th</sup> from three contractors as summarized below:

Bidder Name	Contract Amount
Braun Electric	\$322,310.38
Agilitech	\$216,764.96
A-C Electric Company	\$197,350.00

AC Electric is the apparent lowest responsible bidder for the Overhead Electrical Service portion of the Project with a bid of \$197,350. It shall be noted the District is supplying the six (6) new transformers from its inventory due to a 52-week lead time (District has ordered replacements).

## Electrical Service Cost Estimate:

Entity	Task	PG&E Interconnect	Line Extension	Total	Sep. 2022 Estimate
<b>DESIGN</b>					
PG&E	Application, Fees, PG&E construction	\$23,358			\$23,358
Agilitech	Engineering, Plans, PG&E Coord.	\$11,744			\$11,744
Agilitech	Engineering, Plans		\$14,500		\$12,000
J. Calton	Engineering, Plans Support		\$1,435		\$1,435
P&P	Plan review, specs., advertisement		\$26,213		\$7,253
	(Project was re-bid)	\$35,102	\$42,148	\$77,250	\$55,790
<b>CONSTRUCTION</b>					
Alpha Power Systems	Remove & salvage exist. meter panel		\$1,356		
Agilitech	Construction_Ph.1	\$87,348			
AC Electric	Construction_Ph.2 - Re-bid		\$197,350		\$215,800
District	Furnished (6) Transformers		\$79,477		
Giga Electric	Recloser Witness Testing/ Inspection Report	\$18,500			\$18,500
Giga Electric	Transformer, Meter, Grounding Testing		\$10,160		\$10,160
P&P	Construction Support (6 months)		\$60,000		\$40,000
Labor Consultants	Labor Compliance	\$3,400			\$2,550
Labor Compliance CA	Labor Compliance		\$7,200		\$7,200
		\$109,248	\$355,544	\$464,792	\$294,210
<b>Project Total</b>		<b>\$144,350</b>	<b>\$397,692</b>	<b>\$542,042</b>	<b>\$350,000</b>

## Electrical Service Project Cost Summary:

\$542,042	Current Estimate
<u>\$350,000</u>	Prior Estimate
\$192,042	Additional Project Cost
\$ 96,021	Less 50% Kern Delta Share
\$ 96,021	Additional Project Funding Request

## RECOMMENDATION: Staff recommends that the Board of Directors:

1. Award the Electrical Service Extension Construction Contract to A-C Electric (\$197,350) and transformer replacements (\$79k)
2. Approve the Construction Management related Task Orders for P&P (\$60k) and Labor Compliance CA (\$7.2k)
3. Approve an up to \$100,000 payment to Kern Delta for the Pump Station Electrical Service cost increase, if necessary, after reconciliation of the O&M Account.

**FISCAL IMPACT:** \$100,000 (above 2023 Budget)

**ATTACHMENTS:** Site Map, Bid Recommendation

**PROVOST & PRITCHARD**  
CONSULTING GROUP

**CANVASS OF BIDS**

**Arvin Edison Water Storage District**  
**Sunset Spreading Ponds Overhead Powerline Project**

Bid Opening Date 12/4/2023 Project Manager RH  
Prevailing Wages Required Yes Project Engineer HSC

**Apparent Low Bidder**

Item No.	Item Description	Quantity	Unit	Agilitech		A-C Electric		Braun Electric		
				Unit	Price	Unit	Price	Unit	Price	Item Total
1	Mobilization/Demobilization, Bonds, Insurance, and Site Security Provisions	1	LS	\$32,370.00	\$32,370.00	\$4,975.00	\$4,975.00	\$12,507.44		\$12,507.44
2	Miscellaneous Facilities, Operations and Worker Protection	1	LS	\$22,940.00	\$22,940.00	\$26,000.00	\$26,000.00	\$0.00		\$0.00
3	Site Preparation / Clearing and Grubbing	1	LS	\$15,637.00	\$15,637.00	\$1,500.00	\$1,500.00	\$0.00		\$0.00
4	Conductors, Feeder Appurtenances, Conduit, and Existing Cabinet Installation	1	LS	\$69,973.00	\$69,973.00	\$29,600.00	\$29,600.00	\$160,201.90		\$160,201.90
5	Fused Switches	1	LS	\$4,087.00	\$4,087.00	\$14,000.00	\$14,000.00	\$10,866.09		\$10,866.09
6	Wood Utility Pole, 40ft, Class 2	4	EA	\$1,987.00	\$7,948.00	\$5,325.00	\$21,300.00	\$6,214.11		\$24,856.42
7	Wood Utility Pole, 45ft, Class 2	12	EA	\$2,312.33	\$27,747.96	\$5,700.00	\$68,400.00	\$5,786.76		\$69,441.08
8	Wood Utility Pole, 55ft, Class 2	1	EA	\$2,987.00	\$2,987.00	\$7,800.00	\$7,800.00	\$17,676.06		\$17,676.06
9	Commisioning	1	LS	\$4,460.00	\$4,460.00	\$20,500.00	\$20,500.00	\$13,428.00		\$13,428.00
10	Power Motor and Current Transformers	1	LS	\$28,615.00	\$28,615.00	\$3,275.00	\$3,275.00	\$13,333.38		\$13,333.38
	<b>Total</b>				<b>\$216,764.96</b>		<b>\$197,350.00</b>			<b>\$322,310.37</b>

# Tab V



# **KERN DELTA WATER DISTRICT**

December 14, 2023

	12/14/2023	Last Year
KERN RIVER 3 DAY MEAN INFLOW	552 CFS	366 CFS
KERN RIVER MEAN OUTFLOW	716 CFS	101 CFS
ISABELLA RESERVOIR STORAGE	195,775 ACFT	41,958 ACFT
REQUESTED OUTFLOW	675 CFS	100 CFS

Estimated: (CFS)

KDWD DAILY DIVERTED: (DECEMBER 14, 2023)	@HEAD	STATE	XCHNG	BANKING
KERN ISLAND	0	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
Total CFS	0	0	0	0

Estimated: (Acre Feet)

DIVERTED (NOVEMBER 2023)*	UTILITY	STATE	PURCHASE	BANKING
KERN ISLAND	3,375	721	0	0
EASTSIDE	0	8	0	1,500
C.O.B. Misc.	0	0	0	0
BUENA VISTA	236	838	0	0
STINE	22	220	0	0
FARMERS	2,893	0	0	0
SOUTH FORK	0	0	0	0
West Side State Sale	0	0	0	0
MONTHLY TOTAL	6,526	1,787	0	1,500
YEAR TO NOVEMBER 30, 2023	243,114 ACFT	25,508	2,281	45,278

Year to November 30, 2023 Utility - State - Banking 316,181 ACFT

\*October &amp; November totals are estimates only due to delay on figures from the Agency

ACFT. STORAGE BALANCE AS OF:	11/30/2023	Estimate 12/14/2023	Max Storage
KERN ISLAND	992	1,315	2,500
BUENA VISTA	982	1,014	1,500
STINE	762	762	1,500
FARMERS	911	744	1,500
STATE (21 & 22) Carryover	0	0	N/A
STATE (23) Contract	6,000	6,000	N/A
RRBWSO STORAGE	18,805	18,805	N/A
PIONEER PROJECT STORAGE (ODC)	45,938 (100,617)	45,938 (100,617)	N/A
TOTAL ACFT.	74,390	74,578	

K.D.W.D. CLIMATOLOGICAL OBSERVATION:

<u>41</u>	MINIMUM TEMPERATURE	<u>32</u>
<u>66</u>	MAXIMUM TEMPERATURE	<u>60</u>
<u>43</u>	PRESENT TEMPERATURE	<u>37</u>
<u>0.00</u>	PRECIPITATION - 24 HR. DAY	<u>0.00</u>
<u>0.00</u>	PRECIPITATION - MONTH	<u>0.22</u>
Seasonal <u>0.20</u>	YEAR TO DATE PRECIP.	<u>0.32</u> Seasonal

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

LAKE ELEVATION (FT.)	2,564.54	NOVEMBER AC. FT. INFLOW	36,099
STORAGE ACFT.	195,775	NOVEMBER AC. FT. OUTFLOW	85,503
GROSS STORAGE CAPACITY	568,075	ACCUMULATIVE ACFT. INFLOW (22-23)	73,210
% OF CAPACITY	34%	ACCUMULATIVE ACFT. OUTFLOW	225,945
SEASONAL STORAGE CAPACITY	255,613	% OF SEASONAL CAPACITY	77%

Summary of Utility Water Diverted Year to Date: 11/30/2023

	Utility	North Kern	Other Exchanges
<b>January</b>	15,340	2,000	0
<b>February</b>	12,500	0	0
<b>March</b>	12,686	5,000	0
<b>April</b>	27,733	2,500	0
<b>May</b>	31,688	5,000	0
<b>June</b>	38,662	0	0
<b>July</b>	26,337	5,500	0
<b>August</b>	26,291	5,000	0
<b>September</b>	24,071	0	0
<b>October*</b>	21,280	0	0
<b>November*</b>	6,526	0	0
<b>December</b>			
<b>Total</b>	243,114	25,000	0

Summary of Other Water Diverted Year to Date: 11/30/2023

	State	Purchase	3rd Party Banking
<b>January</b>	0	0	0
<b>February</b>	0	0	756
<b>March</b>	0	0	0
<b>April</b>	2,188	0	603
<b>May</b>	11,683	0	2,174
<b>June</b>	5,637	0	2,547
<b>July</b>	0	1,726	20,709
<b>August</b>	0	555	10,675
<b>September</b>	625	0	4,846
<b>October*</b>	3,588	0	1,468
<b>November*</b>	1,787	0	1,500
<b>December</b>			
<b>Total</b>	25,508	2,281	45,278

\*September &amp; October totals are estimates only due to delay on figures from the Agency

Water owed to K.D.W.D as of: 11/30/2023

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

Summary of Total State Water Used Year to Date: 11/30/2023

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

**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, December 14, 2023

### **KERN ISLAND PROJECTS**

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

### **BUENA VISTA PROJECTS**

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

### **FARMERS PROJECTS**

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

### **EASTSIDE PROJECTS**

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

### **STINE PROJECTS**

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

### **BANKING SUPPLIES**

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

Estimated: (Acre Feet)

<b><u>DIVERTED FOR BANKING (NOVEMBER 2023)*</u></b>	<b><u>UTILITY</u></b>	<b><u>STATE</u></b>	<b><u>PURCHASE</u></b>	<b><u>3RD PARTY</u></b>	<b><u>OPERATIONAL</u></b>
				<b><u>BANKING</u></b>	<b><u>RECHARGE</u></b>
KERN ISLAND	167	721	0	0	740
EASTSIDE	0	8	0	0	348
BUENA VISTA	0	588	0	0	112
STINE	0	220	0	0	0
FARMERS	1,308	0	0	0	371
<b>MONTHLY TOTAL</b>	<b>1,475</b>	<b>1,537</b>	<b>0</b>	<b>0</b>	<b>1,571</b>
<b>YEAR TO NOVEMBER 30, 2023</b>	<b>43,208 ACFT</b>	<b>19,156</b>	<b>879</b>	<b>6,765</b>	<b>86,092</b>
<b>Year to November 30, 2023 All Supplies</b>	<b>156,100 ACFT</b>				

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

### **Summary of Spreading Year to Date: 11/30/2023**

	<i>Utility</i>	<i>State</i>	<i>Purchase</i>	<i>3 Pty Bk</i>	<i>Op. Re.</i>
<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>					
<b>Total</b>	<b>43,208</b>	<b>19,156</b>	<b>879</b>	<b>6,765</b>	<b>86,092</b>

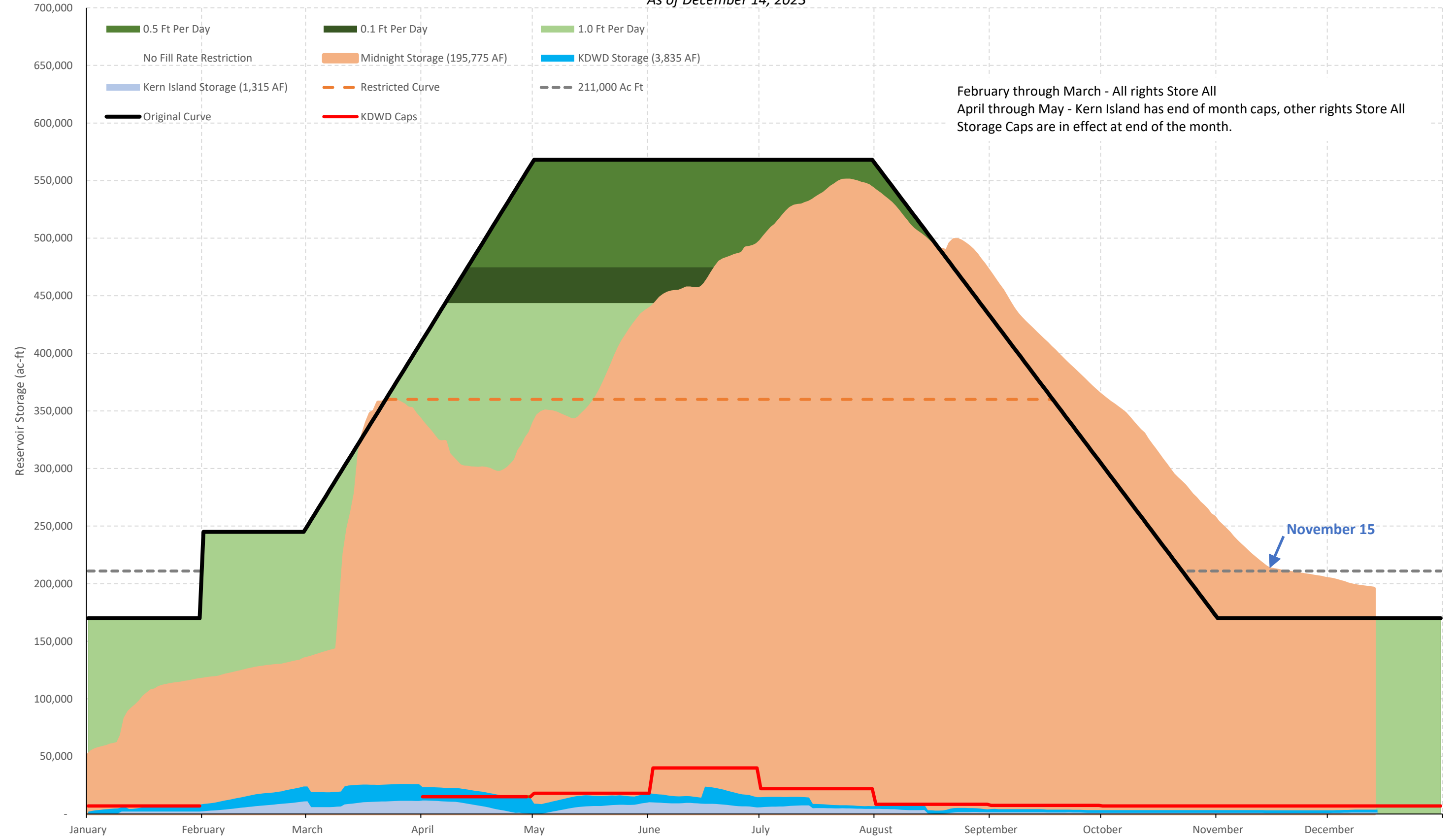
\*October & November totals are estimates only due to delay on figures from the Agency

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

<b><u>PROJECT</u></b>	<b><u>Fill</u></b>	<b><u>Operational (CFS)</u></b>		<b><u>Acreage</u></b>
	<b><u>(CFS)</u></b>	<b><u>Summer</u></b>	<b><u>Winter</u></b>	
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 December 14, 2023



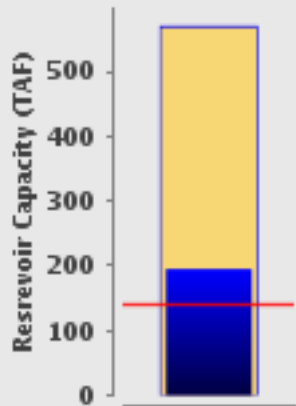


# CURRENT RESERVOIR CONDITIONS



## Isabella Lake Conditions

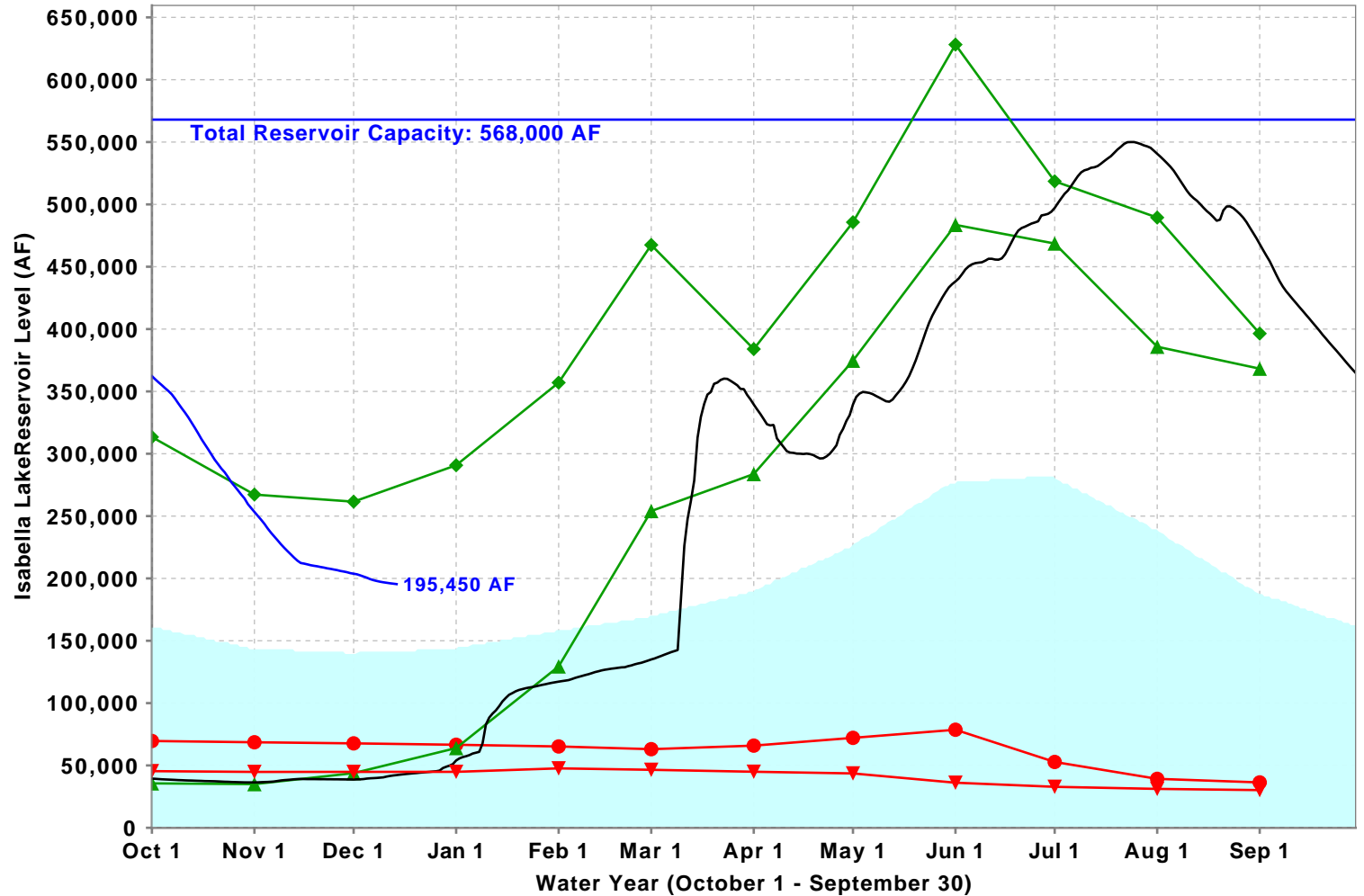
(as of Midnight - December 14, 2023)



Current Level: 195,450 AF

34% (Total Capacity) | 139% (Historical Avg.)

Isabella Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight December 14, 2023



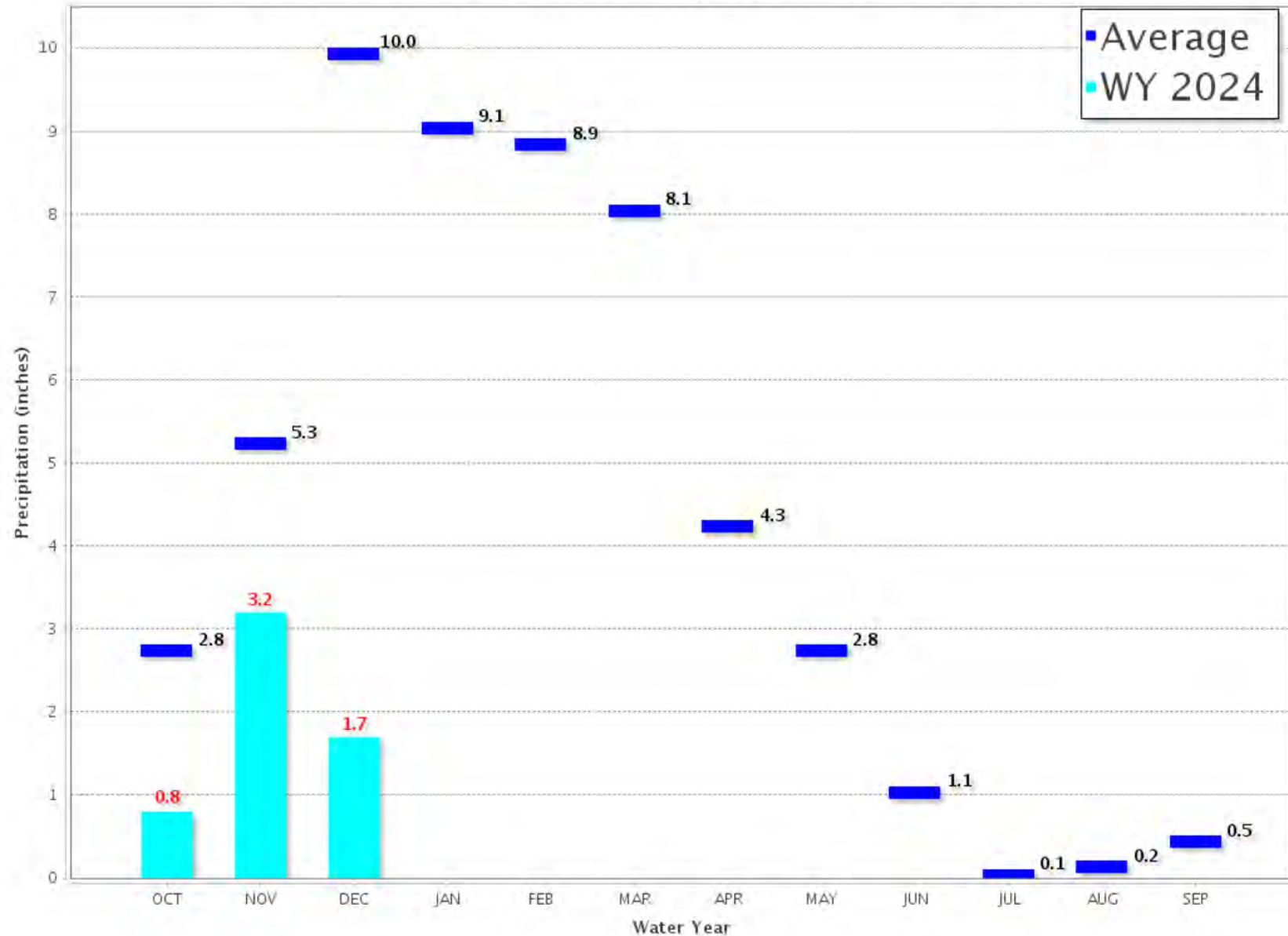
■ Historical Average 
 — Total Reservoir Capacity 
 ● 1976-1977 
 ▲ 1977-1978 
 ◆ 1982-1983 (Wettest) 
 — 2022-2023 
 ▼ 2014-2015 (Driest) 
 — Current: 2023-2024



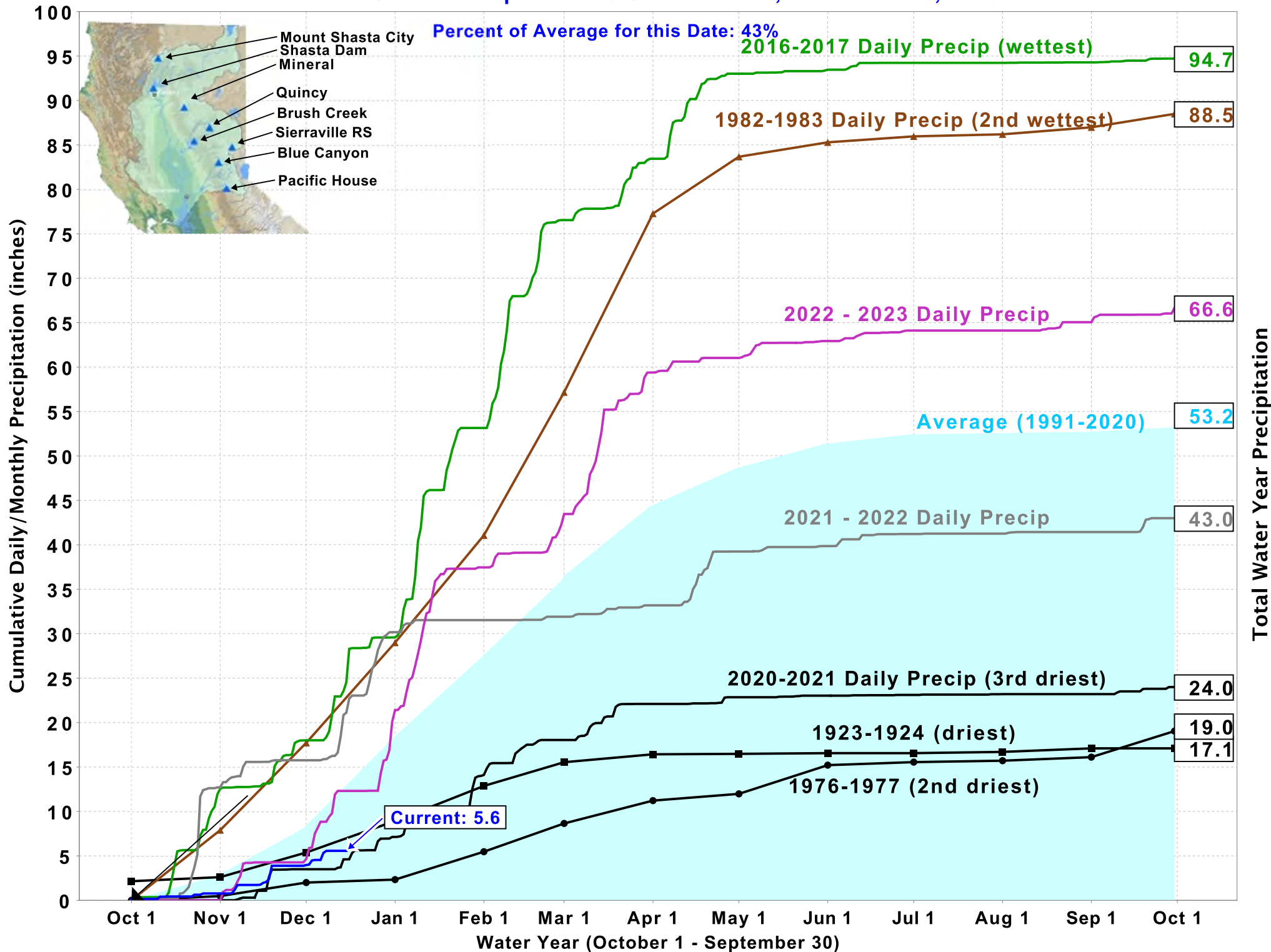
# Northern Sierra 8-Station

Precipitation Index for Water Year 2024 - Updated on December 15, 2023 09:34 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, December 15, 2023



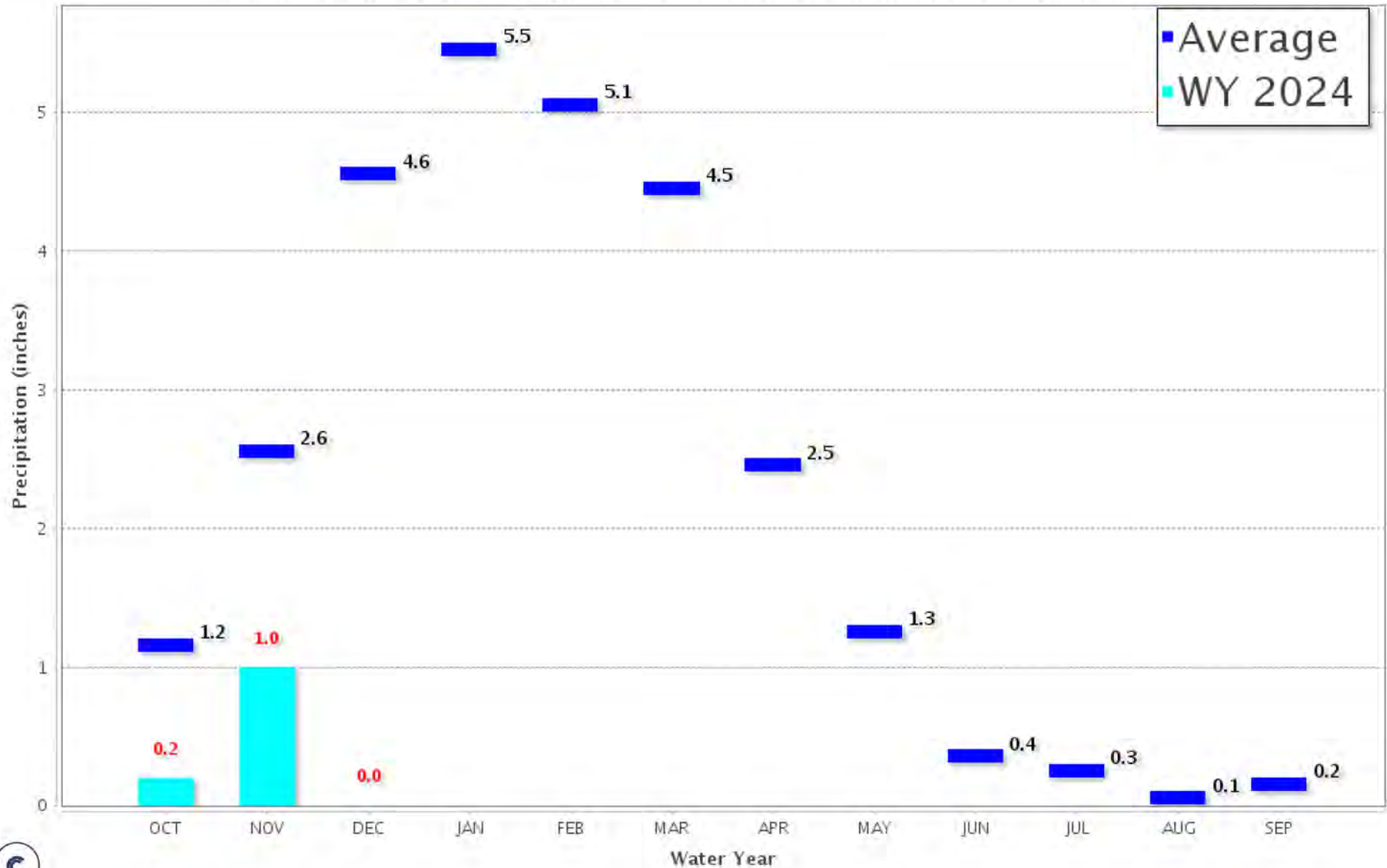


# Tulare Basin 6-Station

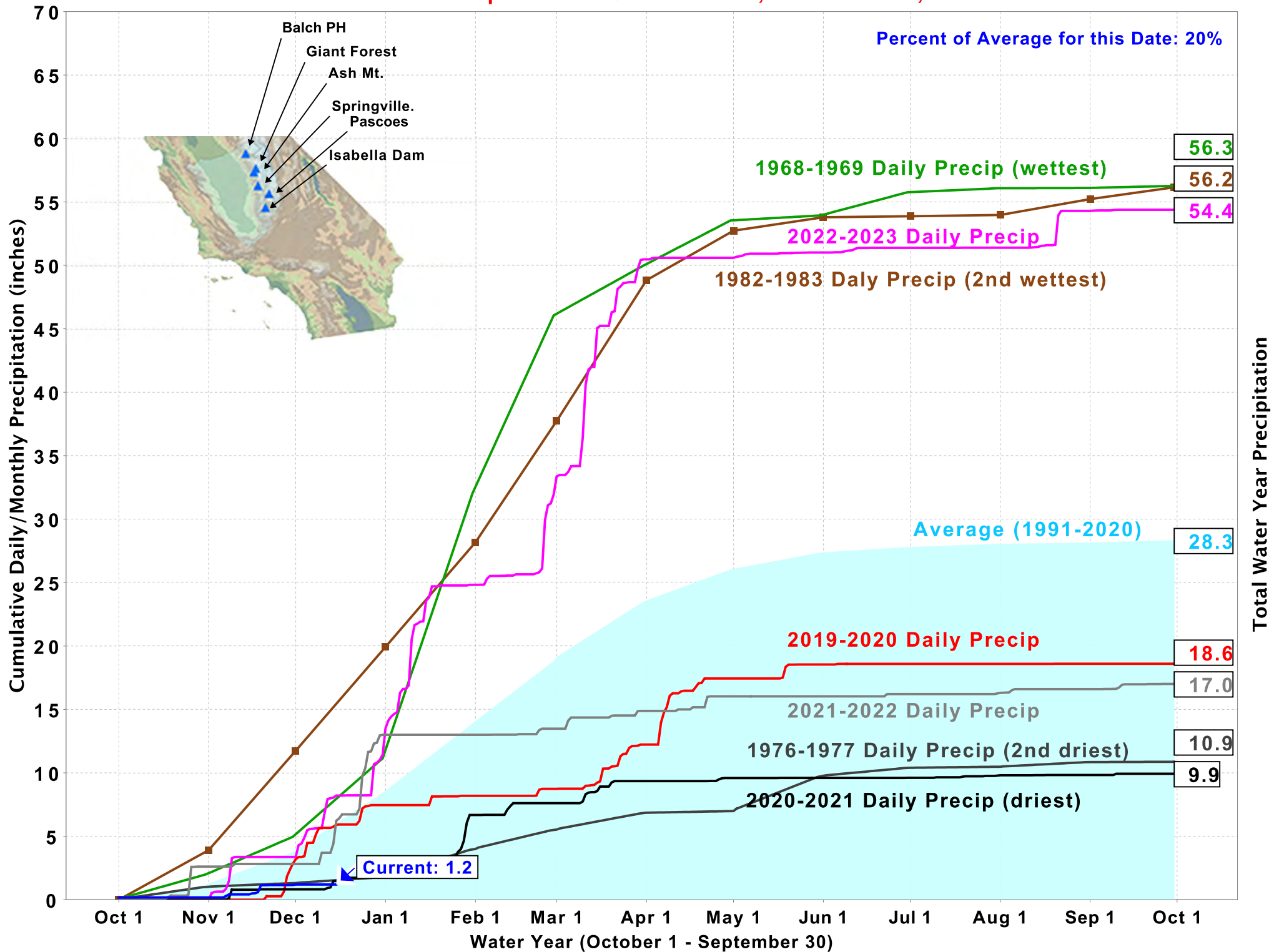
Precipitation Index for Water Year 2024 - Updated on December 15, 2023 09:34 AM

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

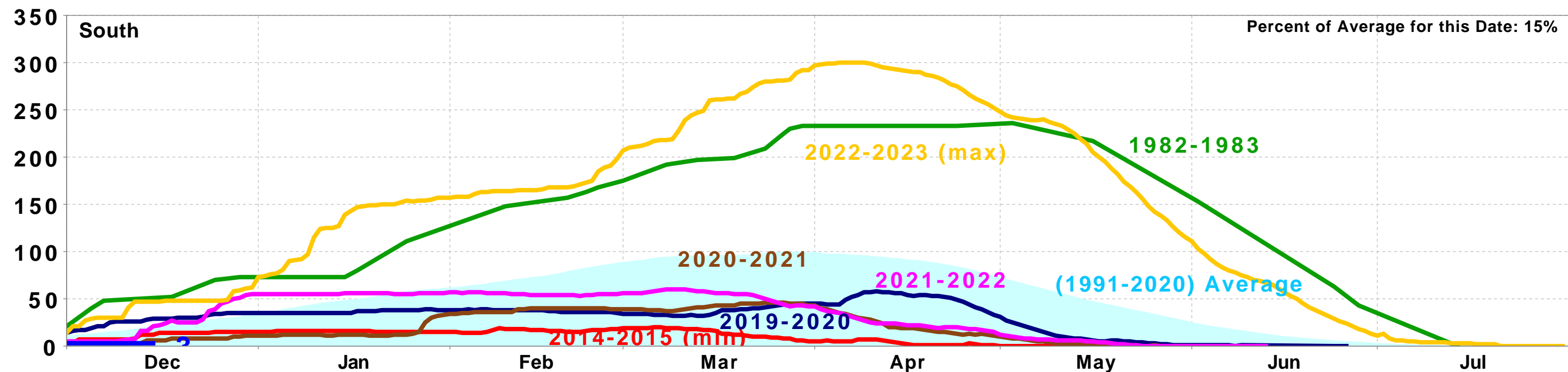
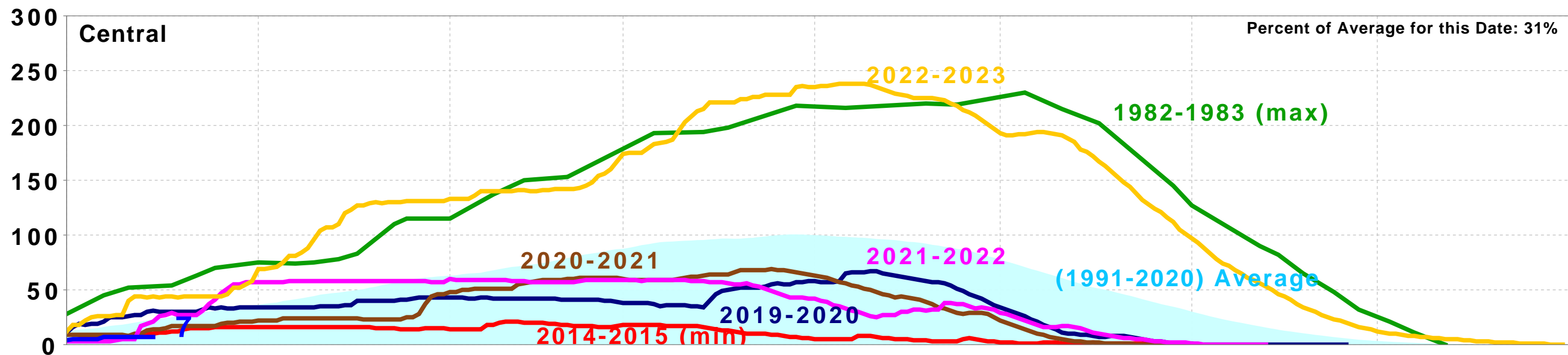
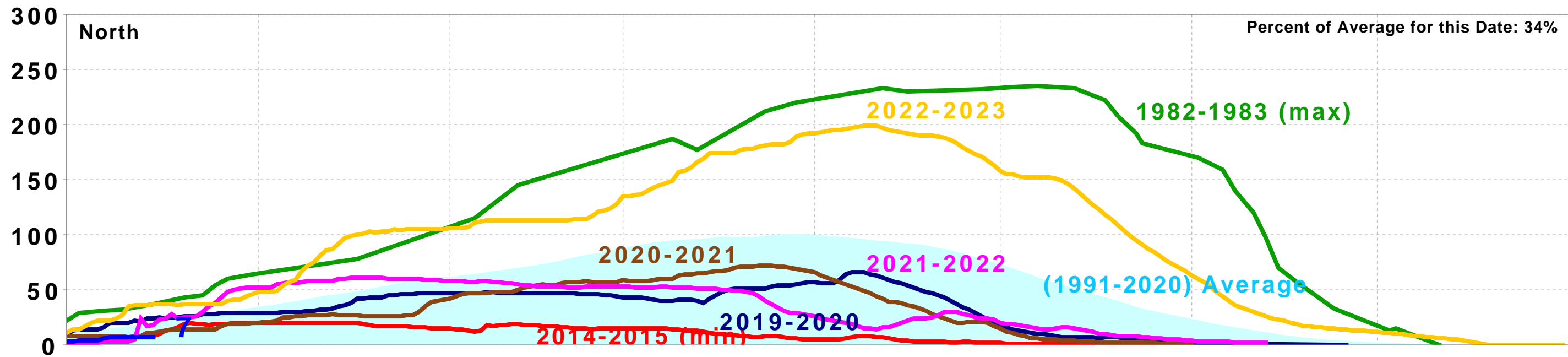


# Tulare Basin Precipitation: 6-Station Index, December 15, 2023





# California Snow Water Content, December 15, 2023, Percent of April 1 Average



Statewide Percent of April 1: 6%

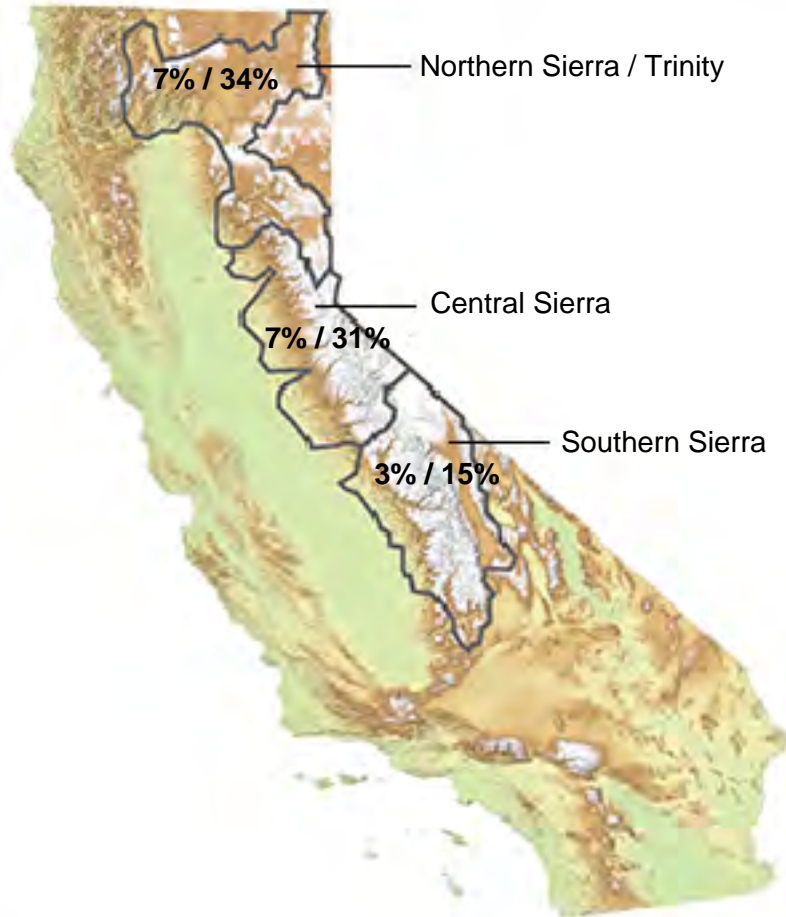
Statewide Percent of Average for Date: 28%



# STATEWIDE SNOW WATER CONTENT

## CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



**Statewide Average: 6% / 28%**

NORTH	
Data as of December 15, 2023	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	1.8
Percent of April 1 Average (%)	7
Percent of normal for this date (%)	34

CENTRAL	
Data as of December 15, 2023	
Number of Stations Reporting	53
Average snow water equivalent (Inches)	1.9
Percent of April 1 Average (%)	7
Percent of normal for this date (%)	31

SOUTH	
Data as of December 15, 2023	
Number of Stations Reporting	26
Average snow water equivalent (Inches)	0.6
Percent of April 1 Average (%)	3
Percent of normal for this date (%)	15

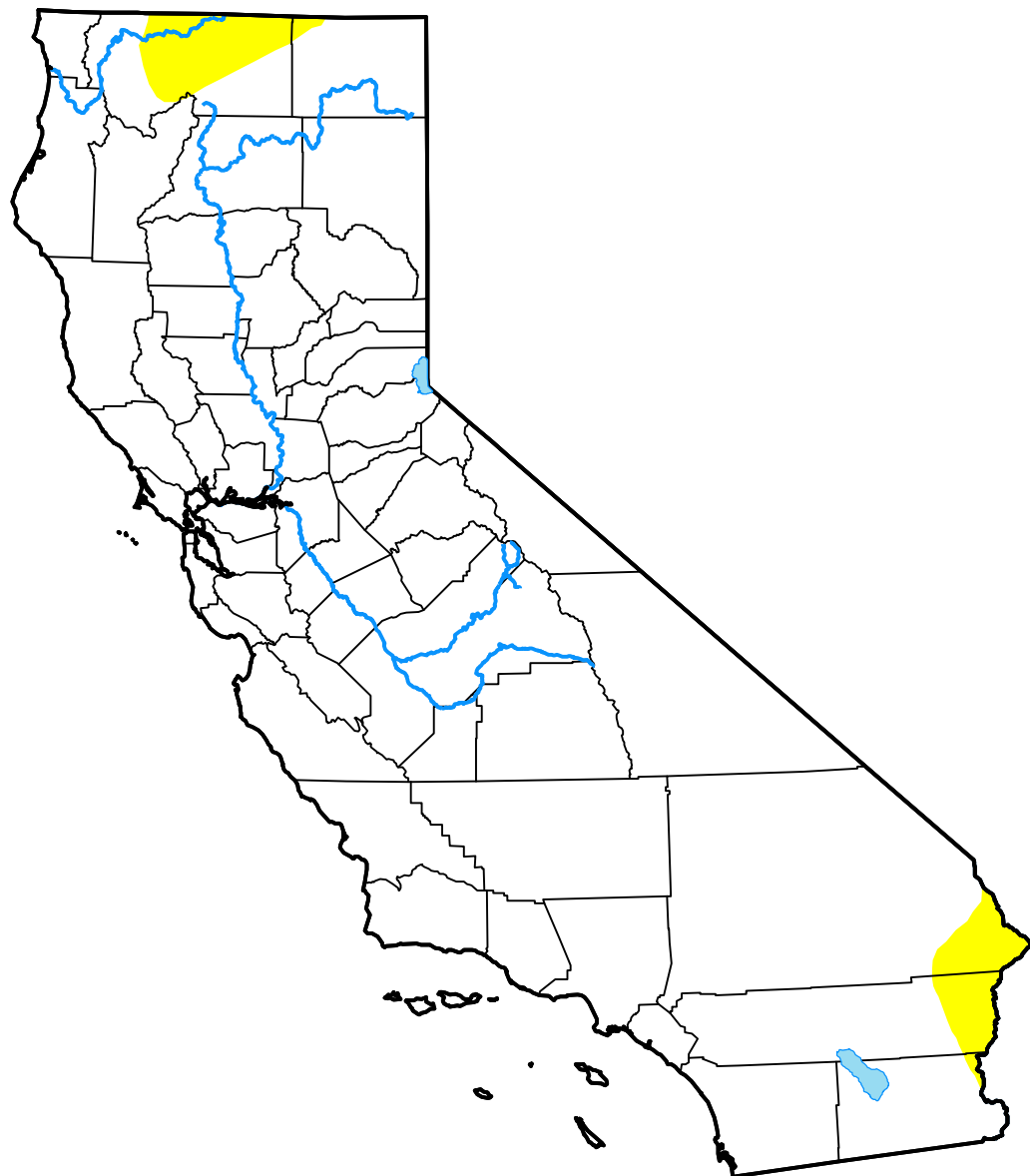
STATE	
Data as of December 15, 2023	
Number of Stations Reporting	109
Average snow water equivalent (Inches)	1.6
Percent of April 1 Average (%)	6
Percent of normal for this date (%)	28

Data as of December 15, 2023

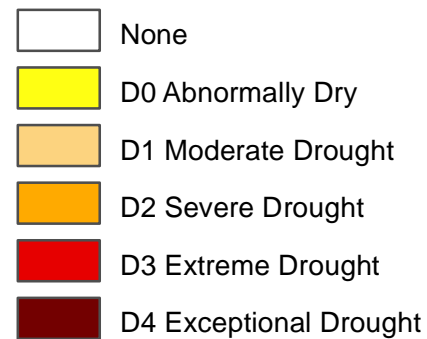


# U.S. Drought Monitor California

**December 12, 2023**  
(Released Thursday, Dec. 14, 2023)  
Valid 7 a.m. EST



## Intensity:



*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

## Author:

Curtis Riganti  
National Drought Mitigation Center



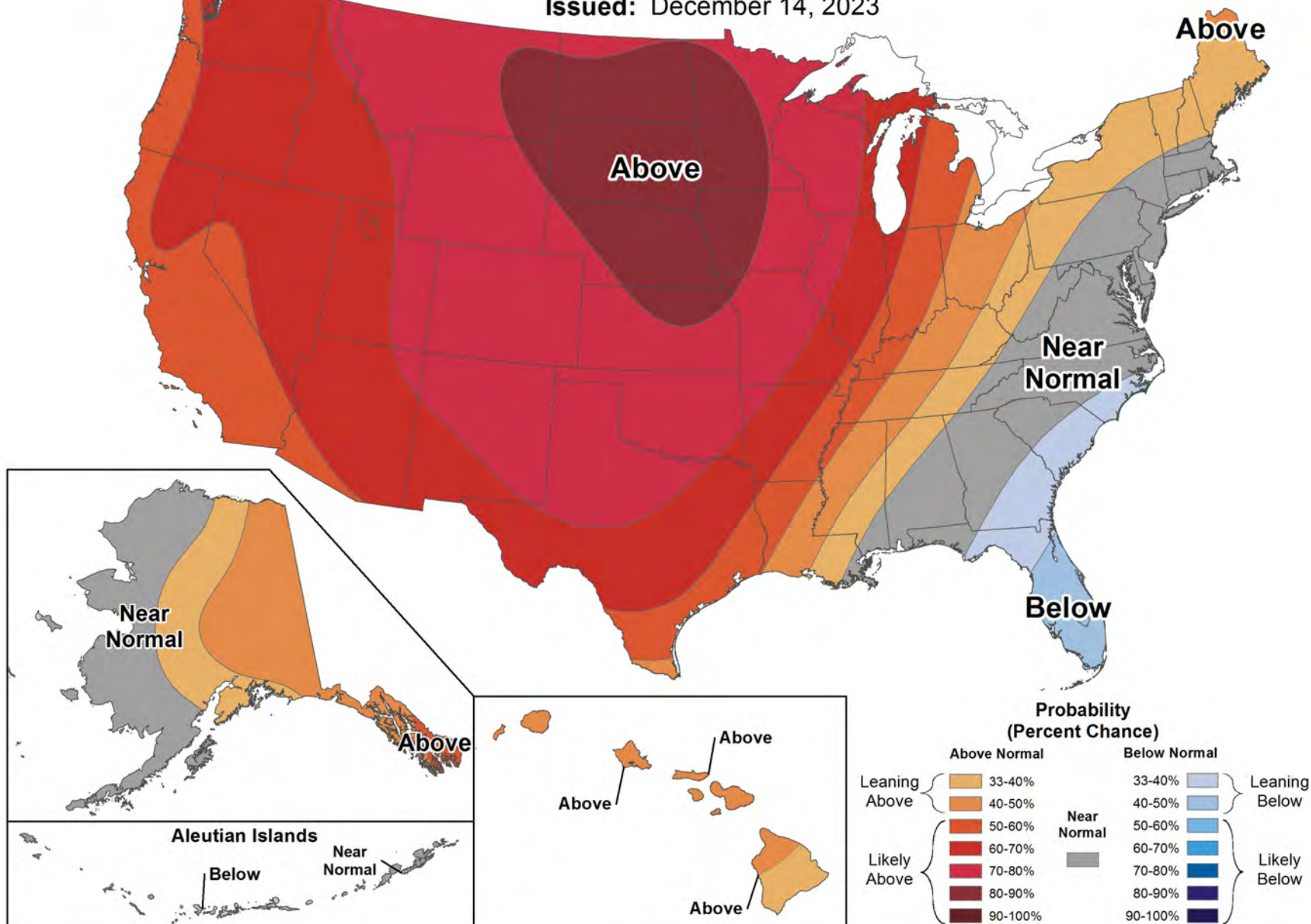
**droughtmonitor.unl.edu**



# 6-10 Day Temperature Outlook

Valid: December 20 - 24, 2023

Issued: December 14, 2023

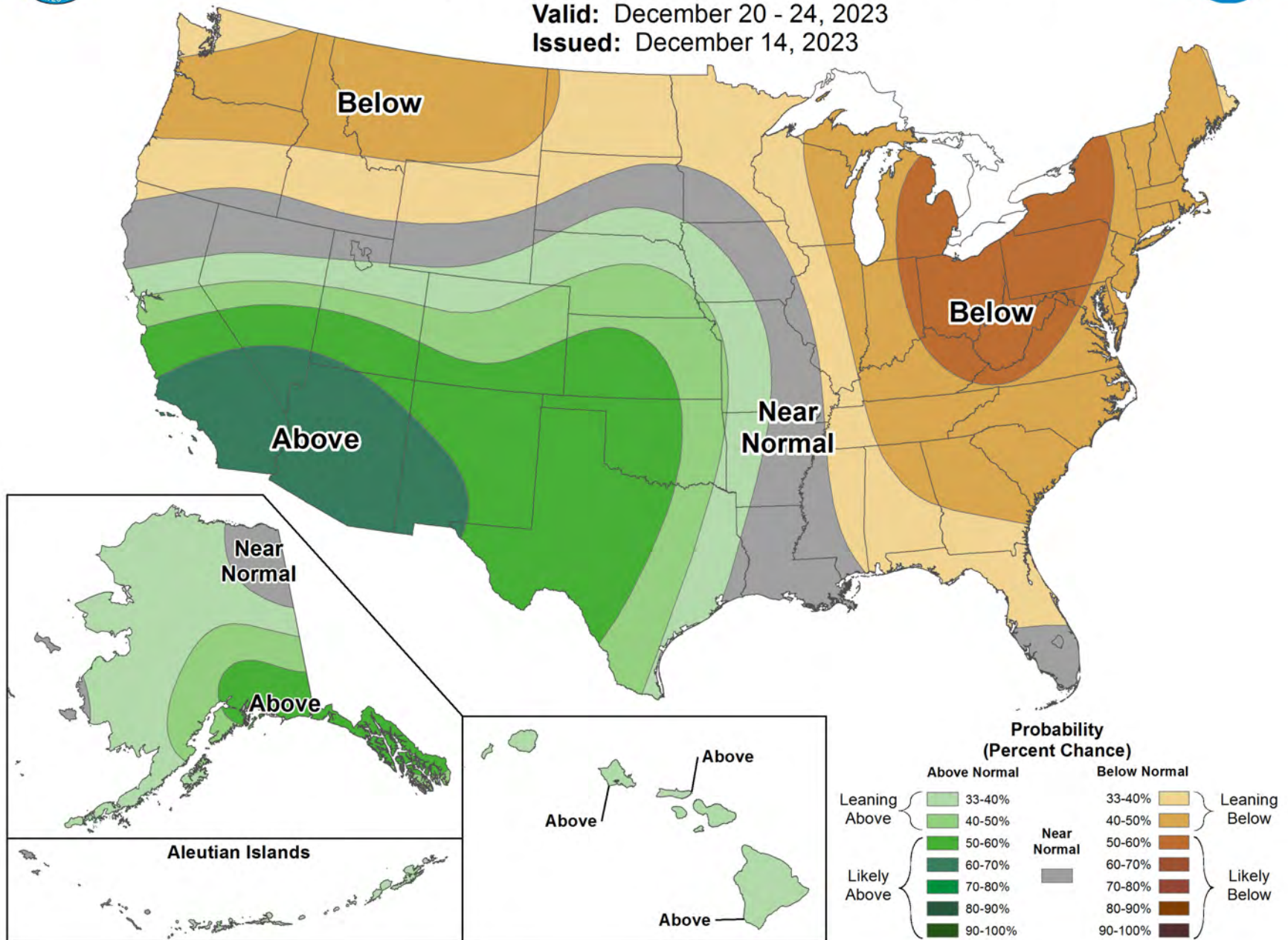




# 6-10 Day Precipitation Outlook

Valid: December 20 - 24, 2023

Issued: December 14, 2023





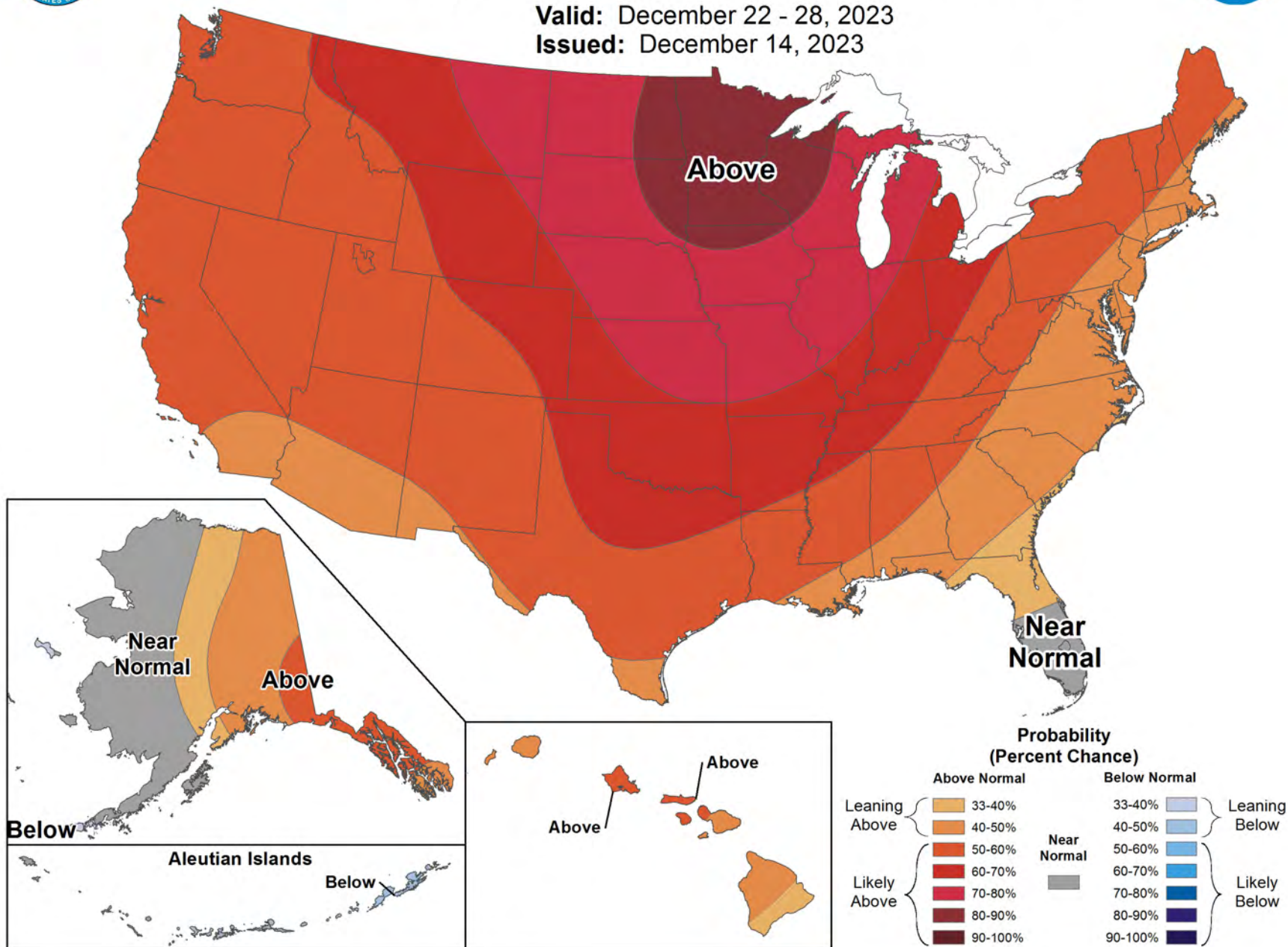


# 8-14 Day Temperature Outlook



Valid: December 22 - 28, 2023

Issued: December 14, 2023



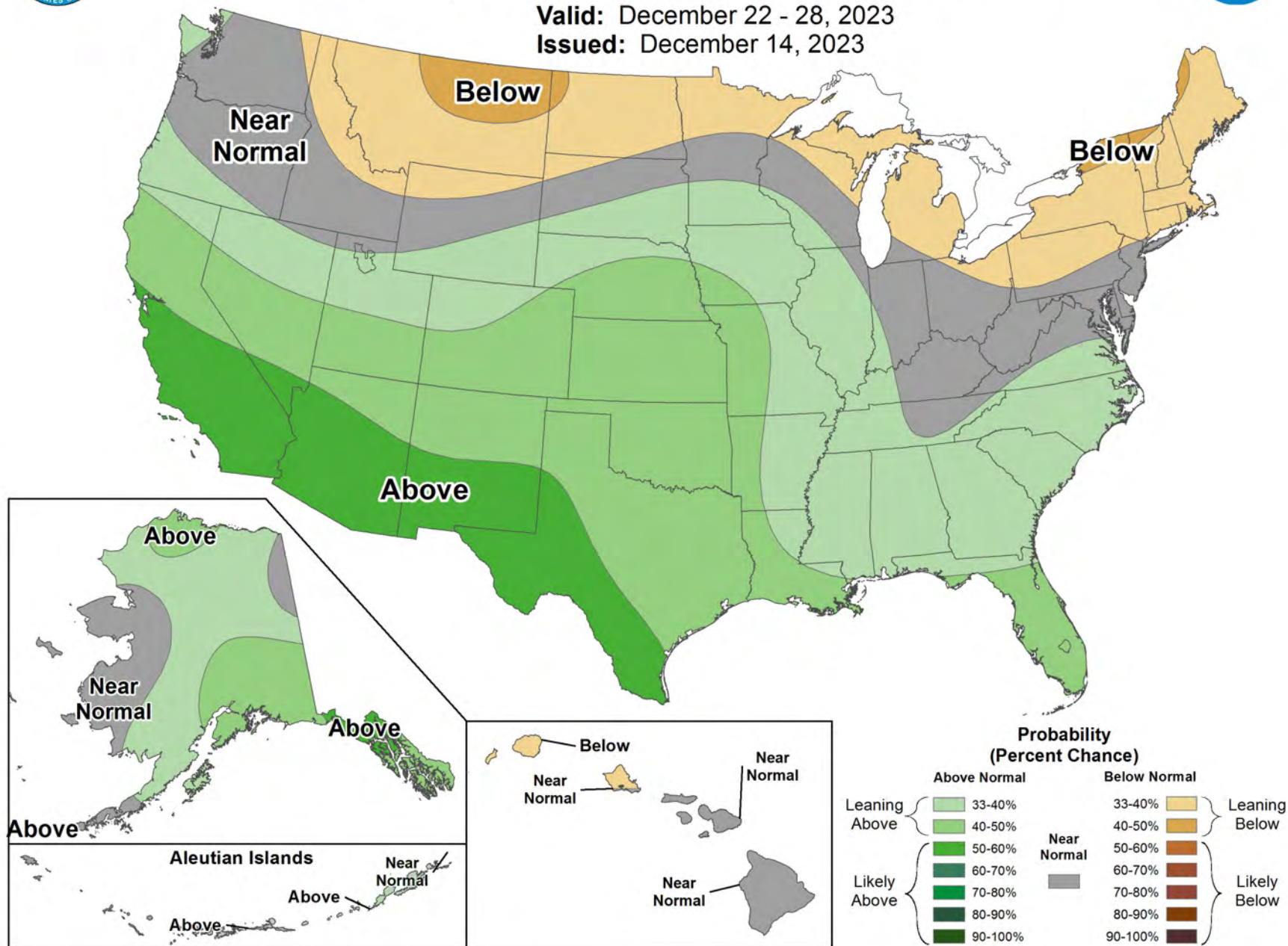


# 8-14 Day Precipitation Outlook




Valid: December 22 - 28, 2023

Issued: December 14, 2023



**NOTICE TO STATE WATER PROJECT CONTRACTORS****Date: December 1, 2023****Number: 23-09****Subject: State Water Project Initial 2024 Allocation of 10 Percent**

**From:**   
**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.

State of California

DEPARTMENT OF WATER RESOURCES  
CALIFORNIA STATE WATER PROJECT

California Natural Resources Agency

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%
Littlerock 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>



# KERN RIVER WATERMASTER

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

661-549-6313

To: Kern River Interests December 11, 2023

From: Art Chianello  
Kern River Watermaster

RE: Report of Recent Activities

**Isabella Reservoir Operations** - Storage at midnight on November 16th was 211,906 ac-ft. Storage at midnight on December 10th was 196,889 ac-ft. The mean inflow for this time period was 627 cfs and the mean outflow was 903 cfs. Current reservoir conditions for December 10th (attachment 1) shows the average storage for this date is 140,216 ac-ft and the current storage is 196,889 ac-ft.

## Precipitation

- The December 11th CNRFC Kern River basin forecast (attachment 2) is showing the April - July season runoff to be 68% of mean and 103% of median.
- The Tulare Basin Precipitation: 6-Station Index, December 11th shows 22% of average for this date (attachment 3). This is a 3% increase as compared to November 11, 2023.
- Accumulated precipitation for WY 2024 at the following snow sensors is (attachment 4)
  - Crabtree Meadow elevation 10,700 feet - 3.52 inches
  - Pascoes 9,150 feet - 1.44 inches
  - Beach Meadows 7,650 feet - 1.08 inches
- The NOAA Climate Prediction Center 8-14 day and Seasonal Three-Month Outlook for Dec-Jan-Feb is showing both temperatures and precipitation to be leaning above normal (see attachments).

**Aerial Snow Observatory** - Department of Water Resources held their 2nd Aerial Remote Sensing of Snow (ARSS) program update meeting with ASO Inc. and all of the cooperators on December 11th. The tentative plan for the Kern River watershed is 3 flights tentatively scheduled for Feb, Mar and May/Jun.

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

## Attachments:

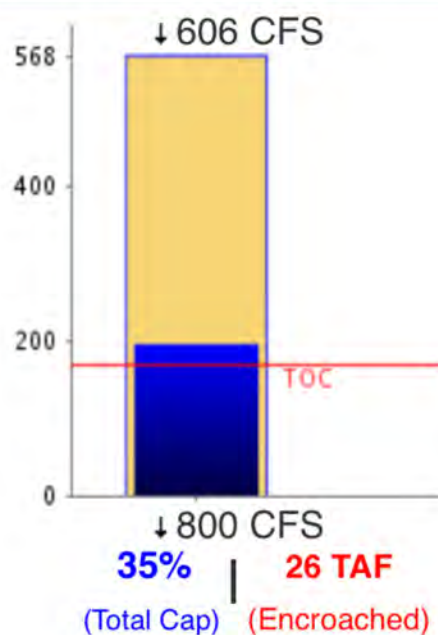
- CDEC Isabella Reservoir status, December 10, 2023
- CNRFC 2024 Seasonal Trend Plot, December 11, 2023
- Tulare Basin Precipitation: 6-Station Index, December 11, 2023
- Kern River Basin Snow Sensor Data, December 10, 2023
- NOAA Climate Prediction Center, 8-14 day and 3-Month Outlook Dec-Feb



## Isabella - Top of Conservation Conditions, December 10, 2023



Isabella Lake



Data as of Midnight: December 10, 2023

- Storage: 196,889 AF
- Reservoir Elevation: 2,564.71 FT
- 35% of Total Capacity
- 26 TAF Encroached For This Date
- Total Capacity: 568,000 AF
- Avg. Stor. December 10: 140,216 AF
- TOC Stor. 170000 AF
- Daily Inflow: 606 CFS
- Daily Outflow: 800 CFS

Major Reservoir TOC Current Conditions Graphs

Change Date: 10-Dec-2023

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](#)

<<< Previous Ensemble Location (SKRC1) | Next Ensemble Location (DKCC1) >>>

## KERN RIVER - LAKE ISABELLA (ISAC1)

Latitude: 35.63° N

Longitude: 118.48° W

Location: Kern County in California

Elevation: 2515 Feet

Bulletin Group: San Joaquin

River Group: Tulare

Issuance Time:

Dec 11, 2023 at 7:43 AM PST

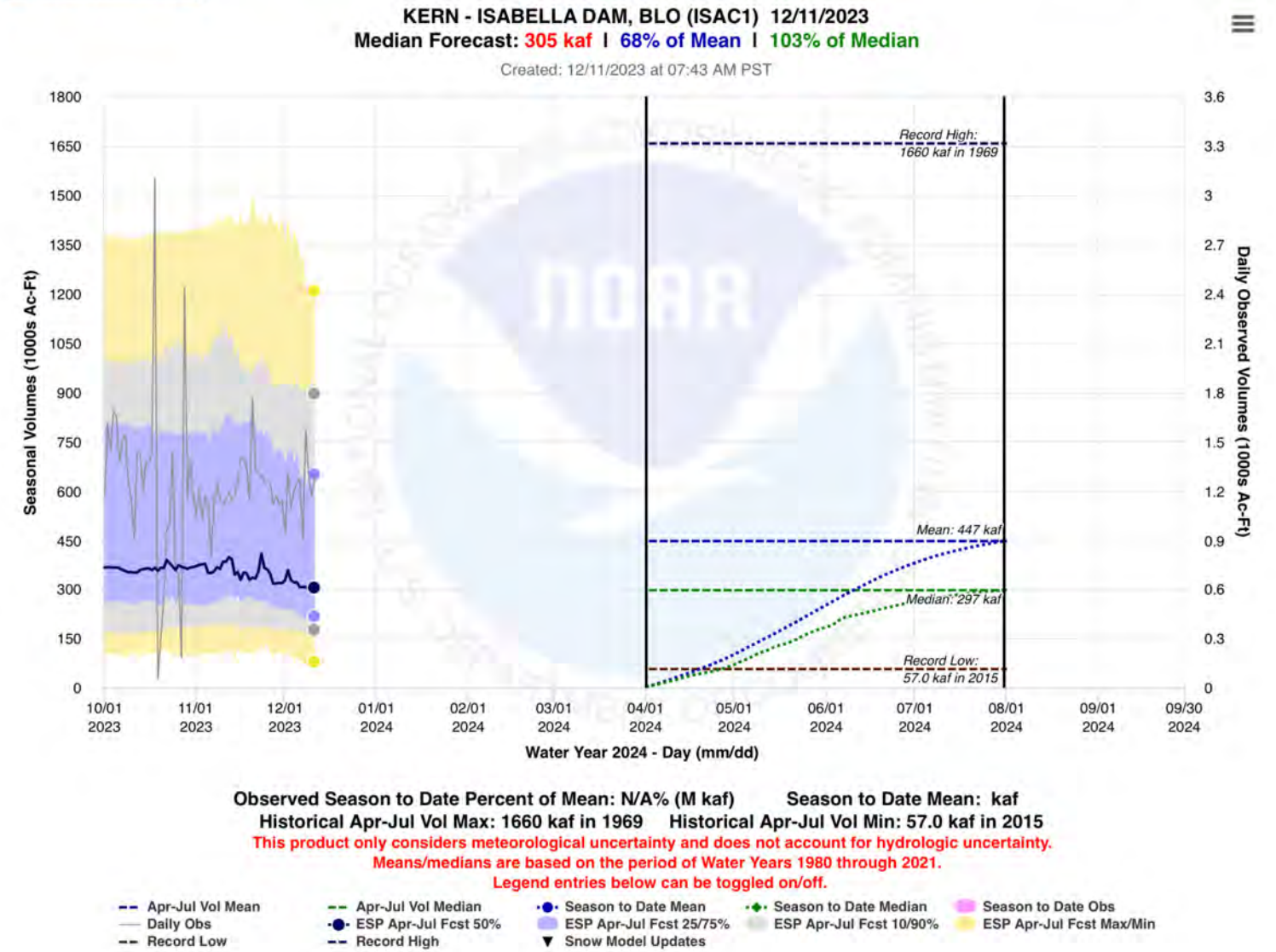
Please Note: Ensemble forecasts produced by CNRFC only consider meteorological uncertainty and do not account for hydrologic uncertainty.

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

2024 Seasonal Trend Plot (Year View)

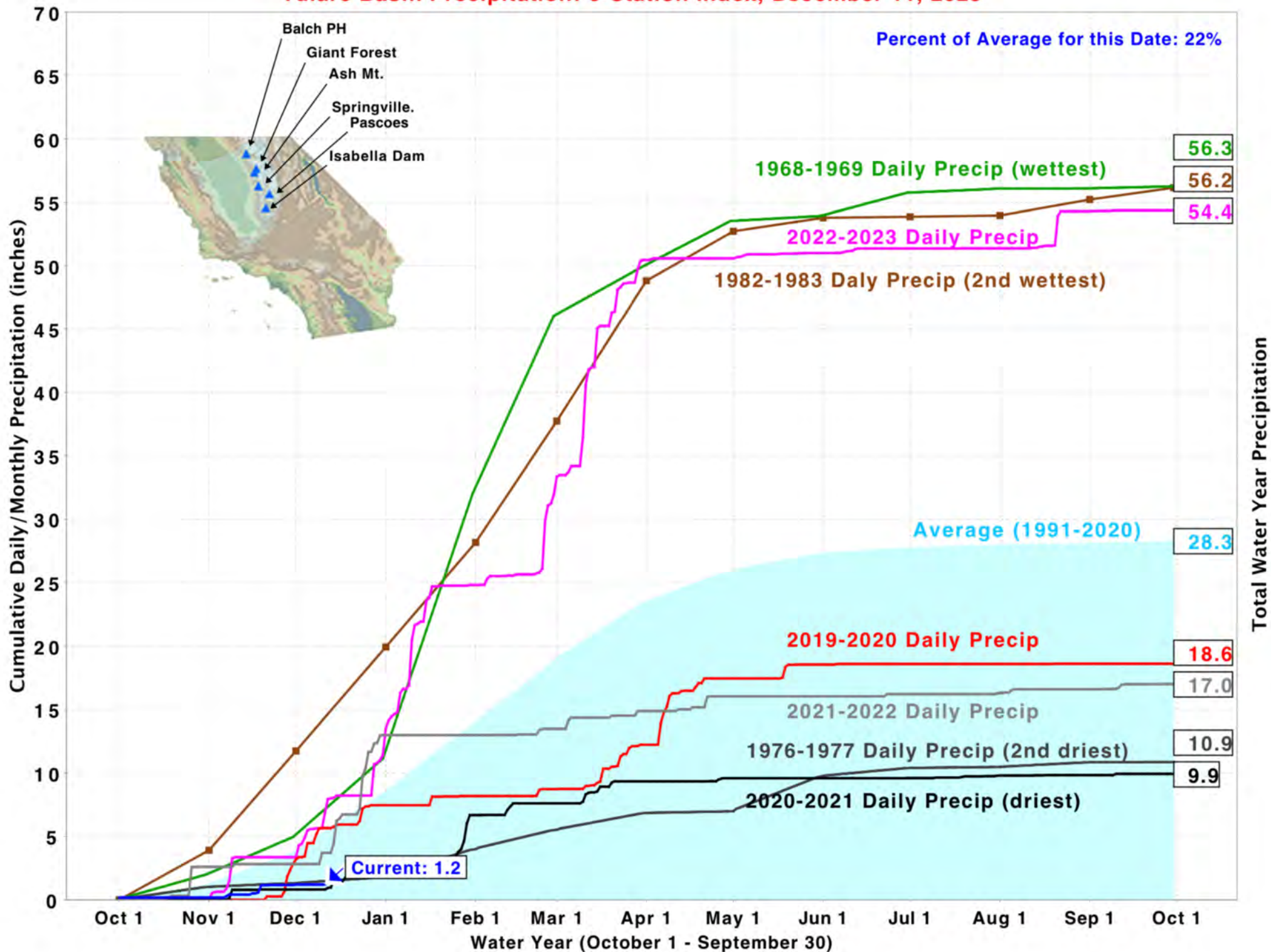
Tabular View | Select a Different Water Year: [2024](#)

Switch to Seasonal View





# Tulare Basin Precipitation: 6-Station Index, December 11, 2023



## KERN RIVER BASIN SNOW SENSOR DATA

Date: **December 2023**

Except for Temperature, all Data is Cumulative...

WATER CONTENT OF SNOW IN INCHES								
Upper							Casa	
Tyndall	Crabtree	Chagoopa		Wet	Tunnel		Vieja	Beach
Creek	Meadow	Plateau	Pascoe	Meadow	Guard		Meadow	Meadow
1	0	0	2.01	0.75	0.36	0	0	0
2	0	0	2.01	0.75	0.36	0	0	0
3	0	0	2.01	0.75	0.36	0	0	0
4	0	0	2.00	0.75	0.35	0	0	0
5	0	0	2.00	0.75	0.35	0	0	0
6	0	0	2.00	0.92	0.11	0	0	0
7	0	0	1.99	1.03	0.08	0	0	0
8	0	0	3.12	0.87	0.07	0	0	0
9	-	0	1.35	0.95	0.07	0	0	0
10	-	0	1.98	1.04	0.07	0	0.04	0
11								
12								
13								
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31								

[illegible][illegible]

April 1st Avg.	27.7"	19.3"	21.8"	24.9"	30.3"	15.6"	20.7"	11.0"
Elev. (ft.)	11,400	10,700	10,300	9,150	8,950	8,900	8,300	7,650

	29.4"		14.92"	4.52"
10,700	9,150	7,650	3,140	403

11,400	10,700	10,300	9,150	8,950	8,900	8,300	7,650
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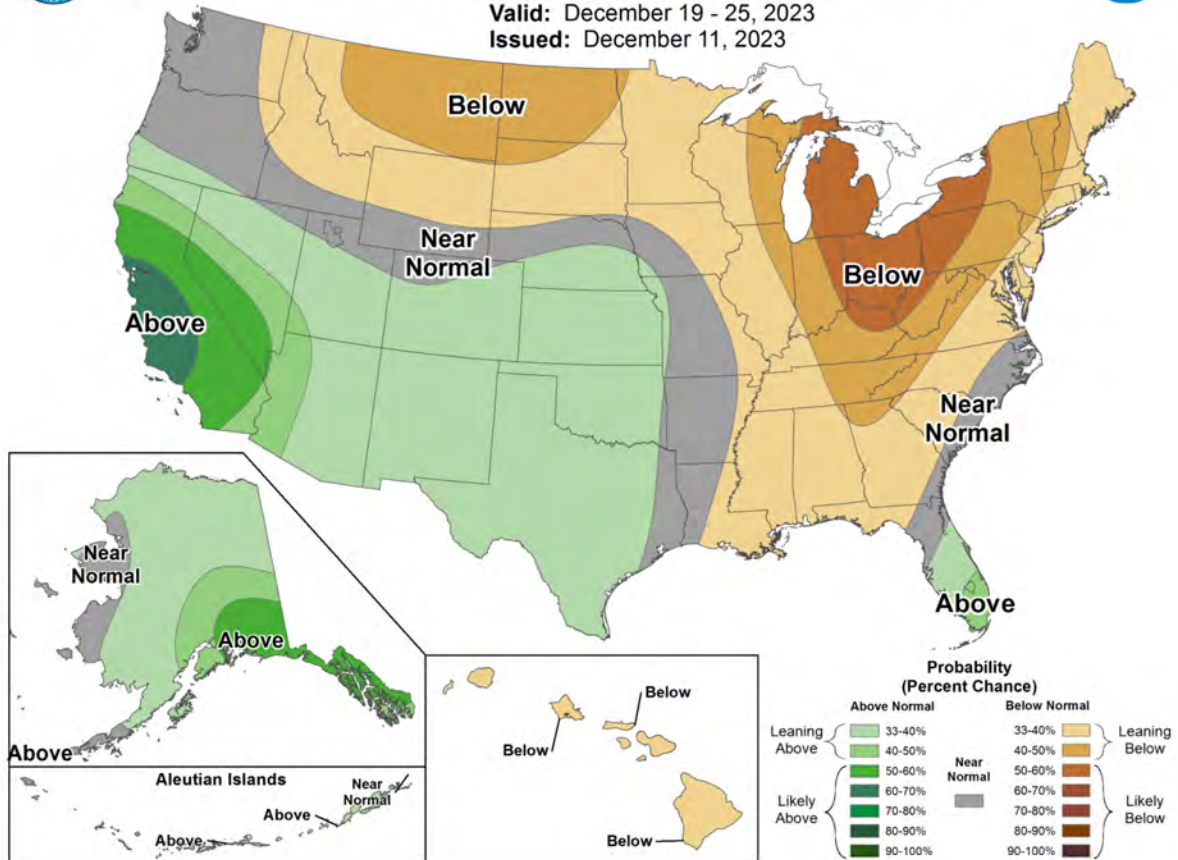


# 8-14 Day Precipitation Outlook



Valid: December 19 - 25, 2023

Issued: December 11, 2023

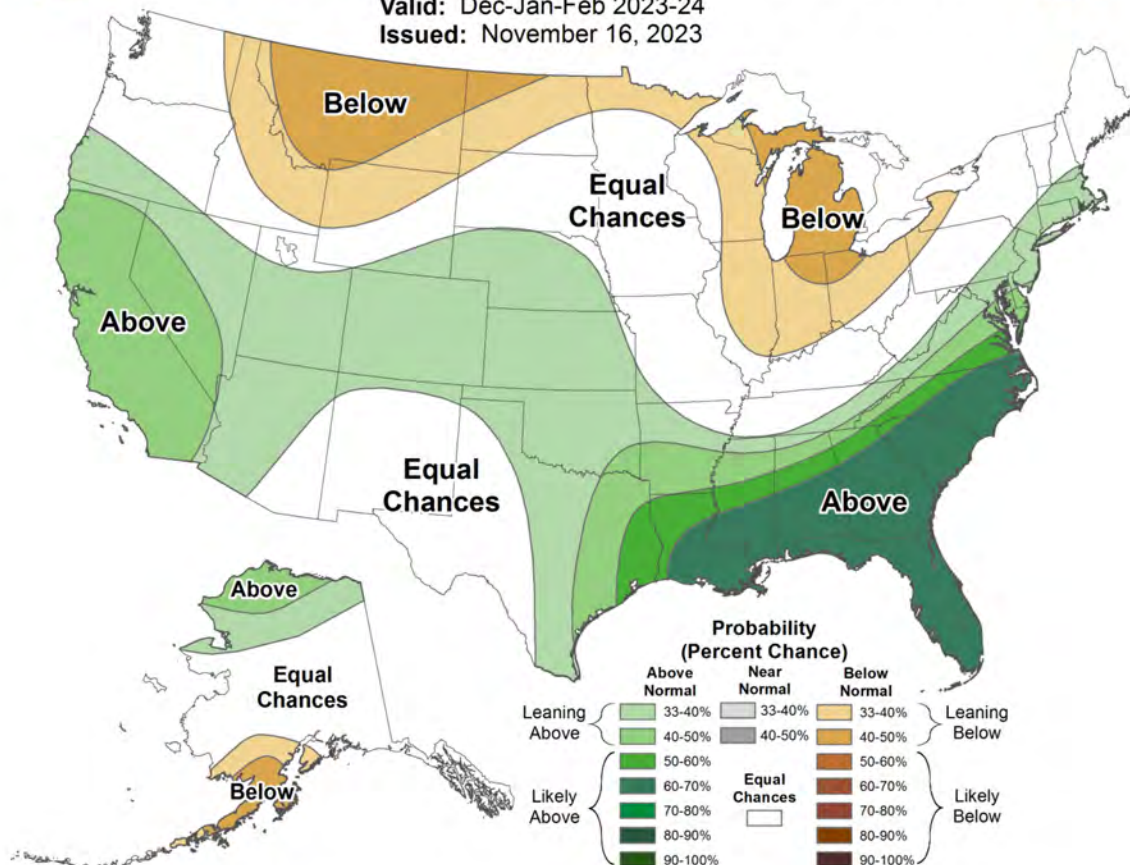


# Seasonal Precipitation Outlook



Valid: Dec-Jan-Feb 2023-24

Issued: November 16, 2023



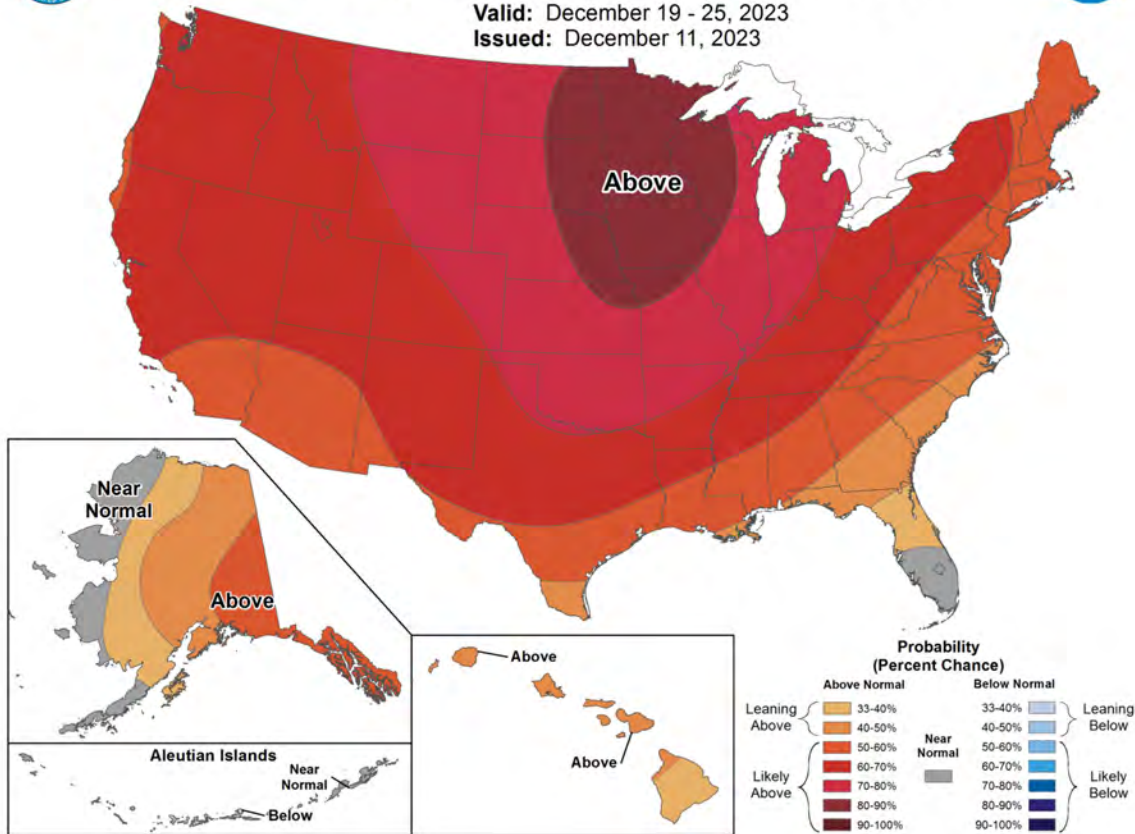




# 8-14 Day Temperature Outlook



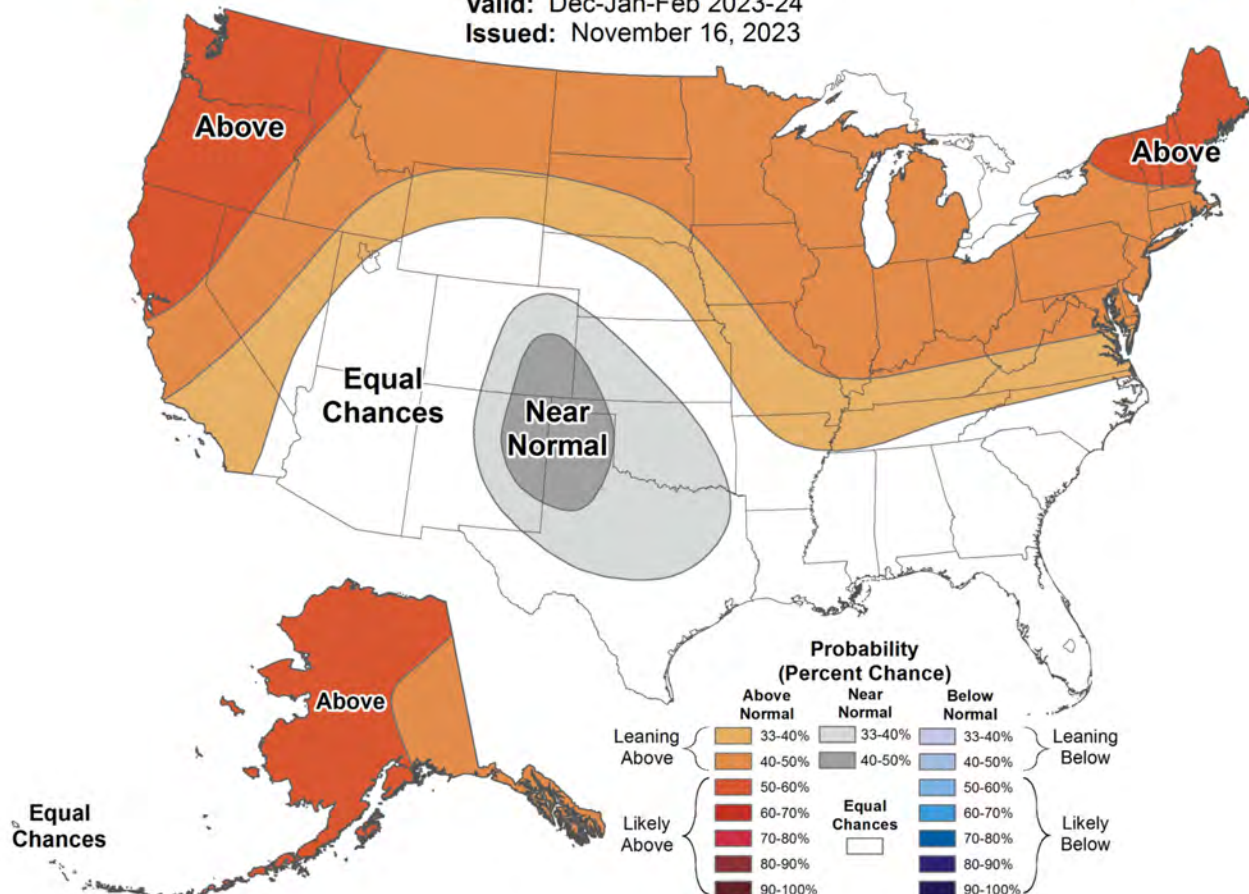
Valid: December 19 - 25, 2023  
Issued: December 11, 2023



# Seasonal Temperature Outlook

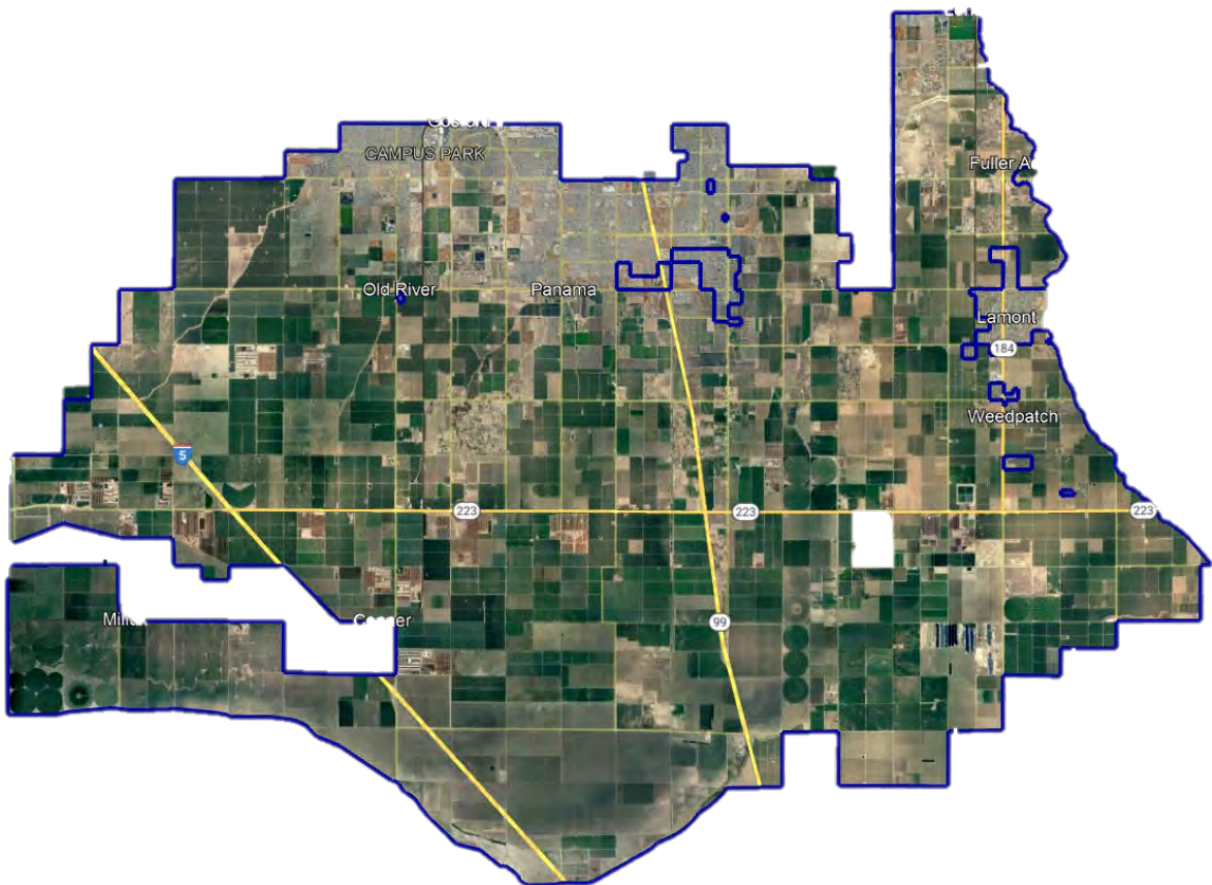


Valid: Dec-Jan-Feb 2023-24  
Issued: November 16, 2023



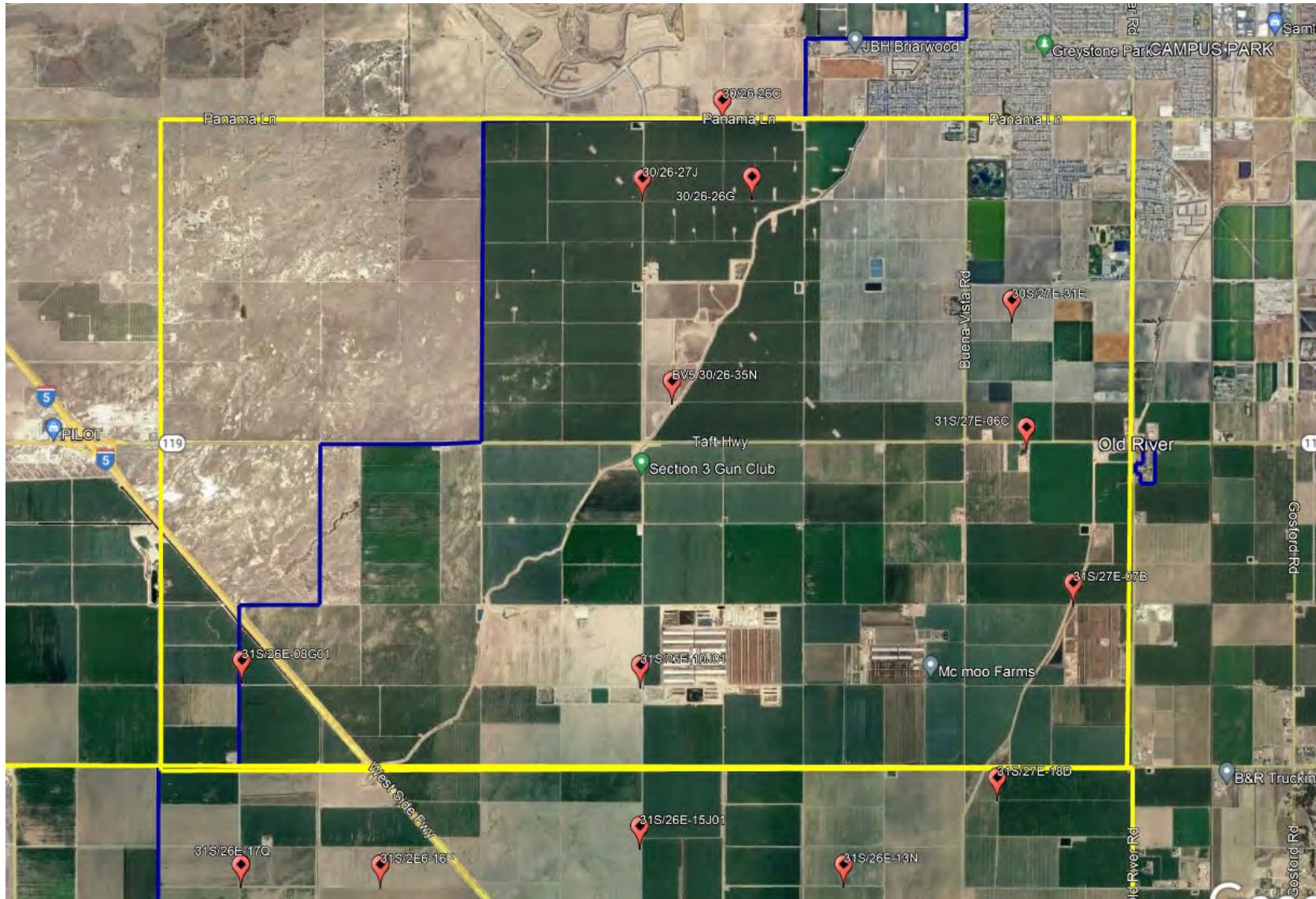


## Monthly Groundwater Report



**December 2023**





Northwest Quadrant		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
	30/26-26C	R	204	G	G	207	NR	NR	NR	NR	210	217	NR	NR	R	NR	198	217	204	210
	30/26-26G	R	199	G	G	G	NR	NR	NR	NR	212	215	NR	NR	R	NR	202	215	199	209
	30/26-27J	R	210	G	G	218	218	NR	NR	NR	210	R	229	208	R	NR	196	229	208	216
	30/26-35N	184	171	169	185	217	207	202	201	200	199	203	203	198	194	189	186	217	169	195
	30/27-31E	202	219	201	224	228	226	219	R	NR	R	237	R	227	223	221	211	237	201	221
	31/26-08G	NR	204	205	200	NR	217	216	170	175	178	234	230	231	173	176	168	234	170	201
	31/26-10J	202	NR	203	205	216	208	196	196	197	R	R	233	204	190	198	201	233	190	204
	31/27-06C	208	215	203	215	228	226	212	R	225	226	235	R	R	216	206	214	235	203	218
	31/27-07B	R	200	NR	235	207	207	202	208	211	217	220	228	215	210	207	211	235	200	213
	MONTHLY AVG	199	203	196	211	217	216	208	194	202	207	223	225	214	201	200	199			
	MAXIMUM DEPTH TO WATER NW (running average for all data last 5 years)																	237		
	MINIMUM DEPTH TO WATER NW (running average for all data last 5 years)																	169		
	AVERAGE DEPTH TO WATER NW (running average for all data last 5 years)																	208		

G = gated well, unable to access

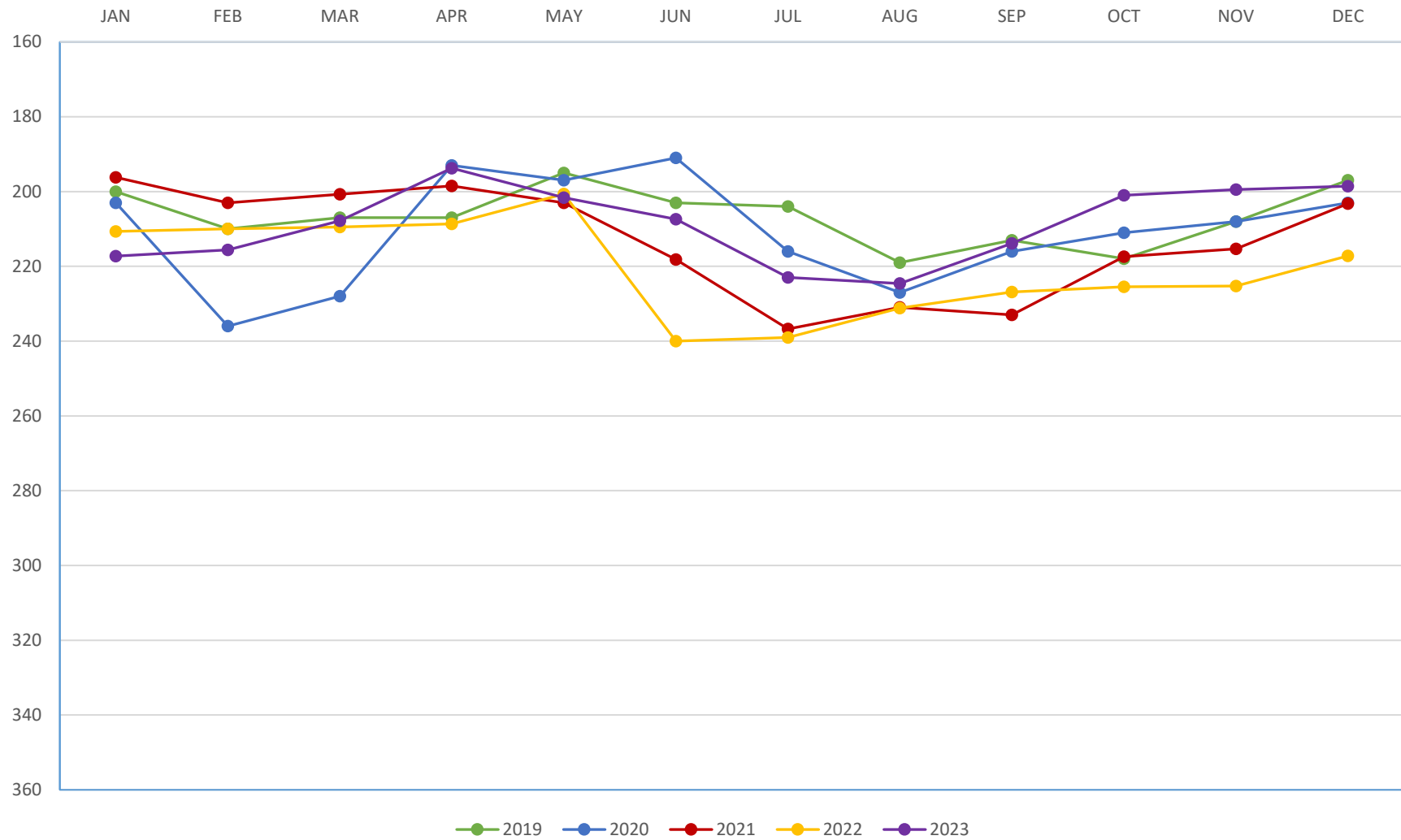
R = running well, no measurement taken

NR = temporary 'no reading', no measurement taken

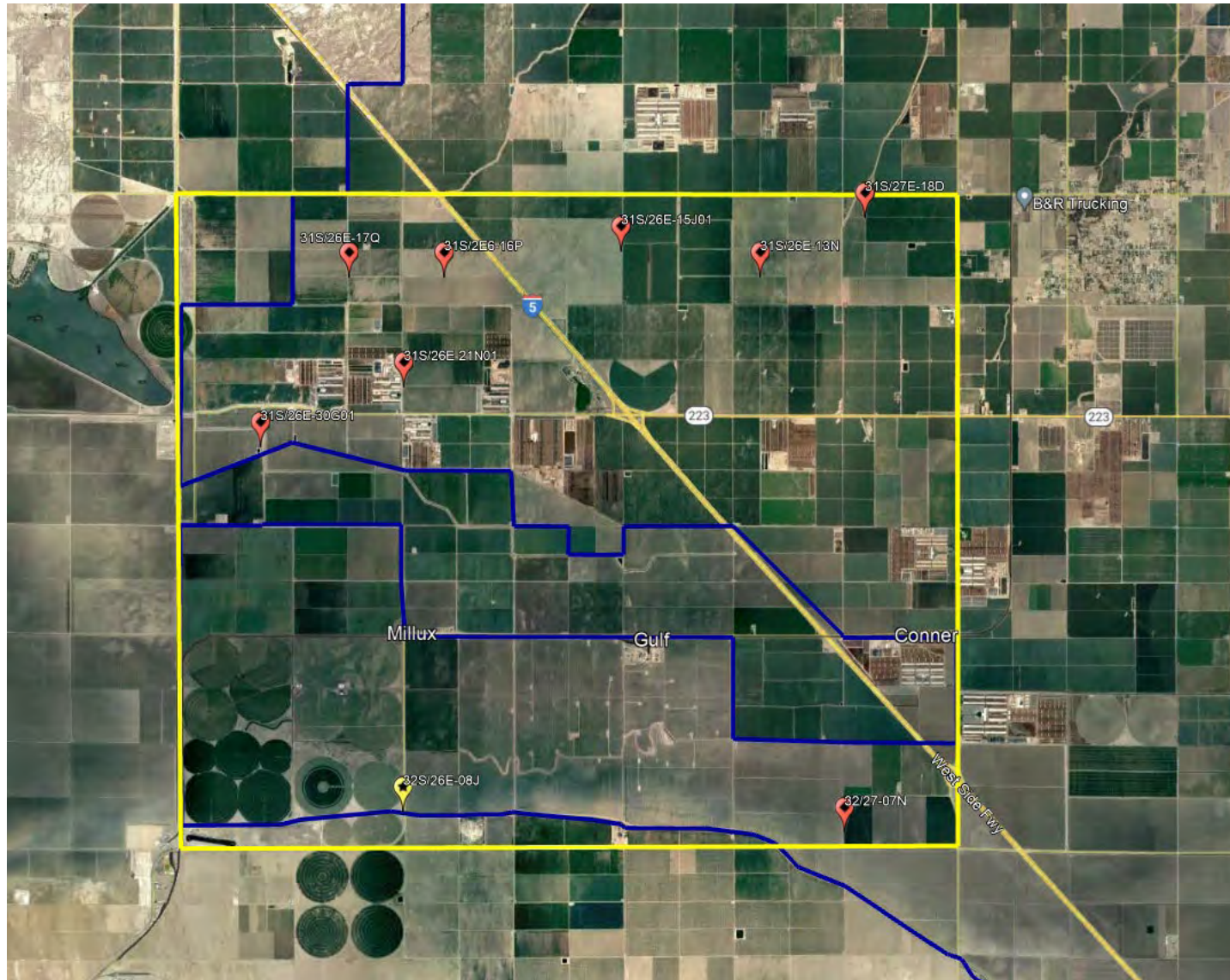
yellow shading = inactive well

2023

NORTHWEST







# 2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southwest Quadrant	31/26-13N	201	NR	NR	206	215	204	201	187	201	204	222	222	R	200	195	200	222	187	204
	31/26-15J	205	NR	201	205	211	207	199	178	189	205	201	210	204	194	198	189	211	178	200
	31/26-16P	207	204	202	200	207	201	182	183	R	R	R	223	198	178	181	182	223	178	196
	31/26-17Q	210	203	219	202	NR	204	201	NR	200	220	213	216	200	NR	215	191	220	191	207
	31/26-21N	238	204	204	228	215	208	202	R	182	207	213	209	200	186	R	R	238	182	207
	31/26-30G	240	268	203	234	200	200	202	201	160	207	231	NR	170	157	153	154	268	153	199
	31/27-18D01	206	201	203	222	222	217	201	R	200	217	225	240	215	210	207	205	240	200	213
	32/26-08J	215	209	212	200	213	200	202	201	200	202	200	213	218	217	200	NR	218	200	207
	32/27-07N	200	288	200	201	NR	200	163	157	167	179	164	205	201	180	171	167	288	157	190
	MONTHLY AVG	214	225	206	211	212	205	195	185	187	205	209	217	201	190	190	184			
MAXIMUM DEPTH TO WATER SW (running average for all data last 5 years)																		288		
MINIMUM DEPTH TO WATER SW (running average for all data last 5 years)																		153		
AVERAGE DEPTH TO WATER SW (running average for all data last 5 years)																		202		

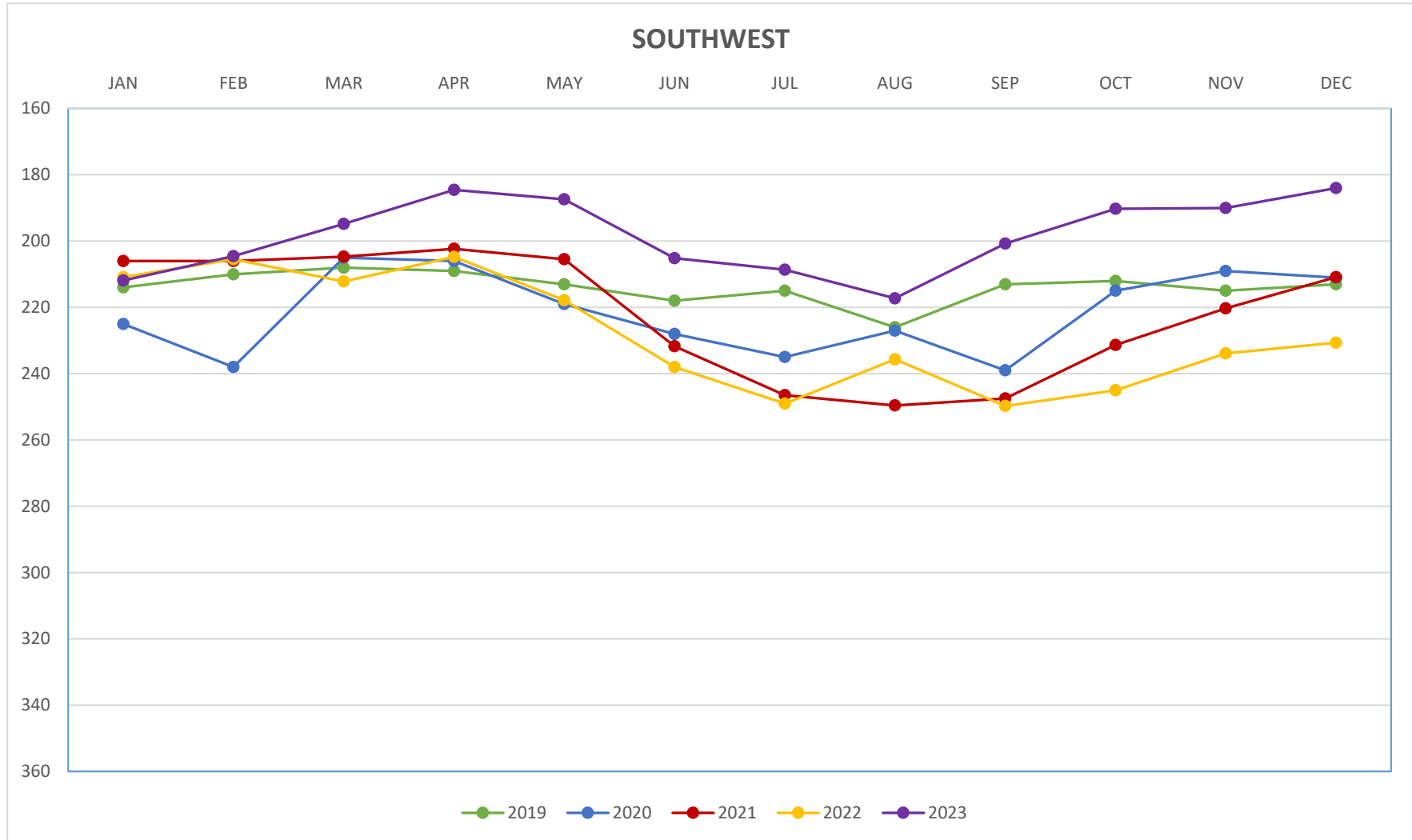
G = gated well, unable to access

R = running well, no measurement taken

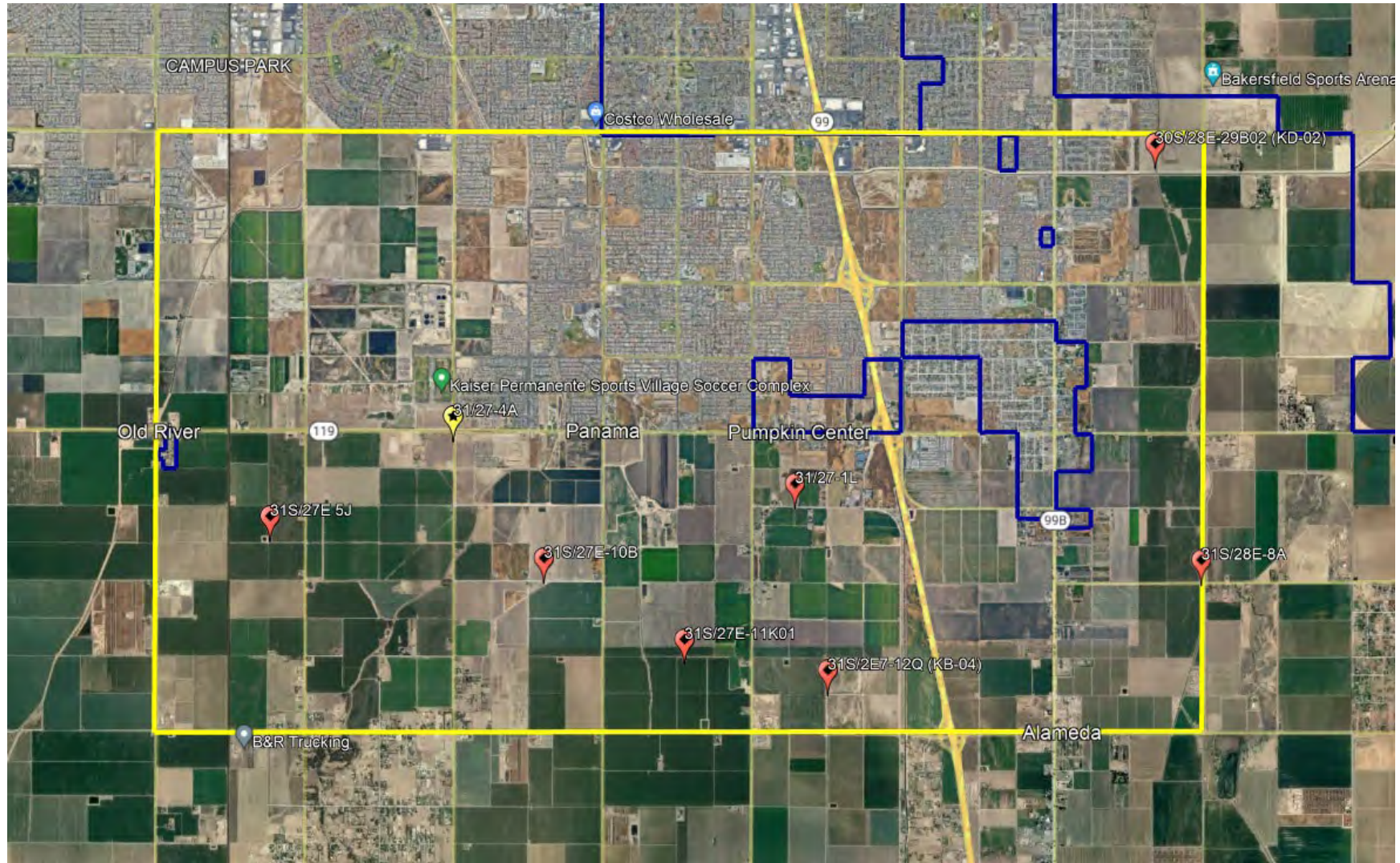
NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2023







		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
North-Central Quadrant	30/28-29B	243	229	225	231	240	237	236	234	173	231	237	233	242	235	240	NR	243	173	231
	31/27-01L	220	232	219	170	219	217	217	R	217	218	229	222	219	217	211	209	232	170	216
	31/27-04A	183	184	179	182	186	185	184	183	189	188	189	191	184	184	178	168	191	178	185
	31/27-05J	NR	228	207	230	214	223	217	220	228	228	235	241	226	220	218	218	241	207	224
	31/27-10B	NR	208	208	210	210	210	208	209	213	217	221	R	218	R	216	205	221	208	212
	31/27-12Q	140	139	141	174	172	169	166	165	176	164	164	162	158	160	151	149	176	139	160
	31/28-08A	243	244	249	264	256	253	251	235	240	261	265	266	246	254	250	234	266	235	252
	MONTHLY AVG	206	209	204	209	214	213	211	208	205	215	220	219	213	212	209	197			
	MAXIMUM DEPTH TO WATER N-C (running average for all data last 5 years)																	266		
	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)																	211		

G = gated well, unable to access

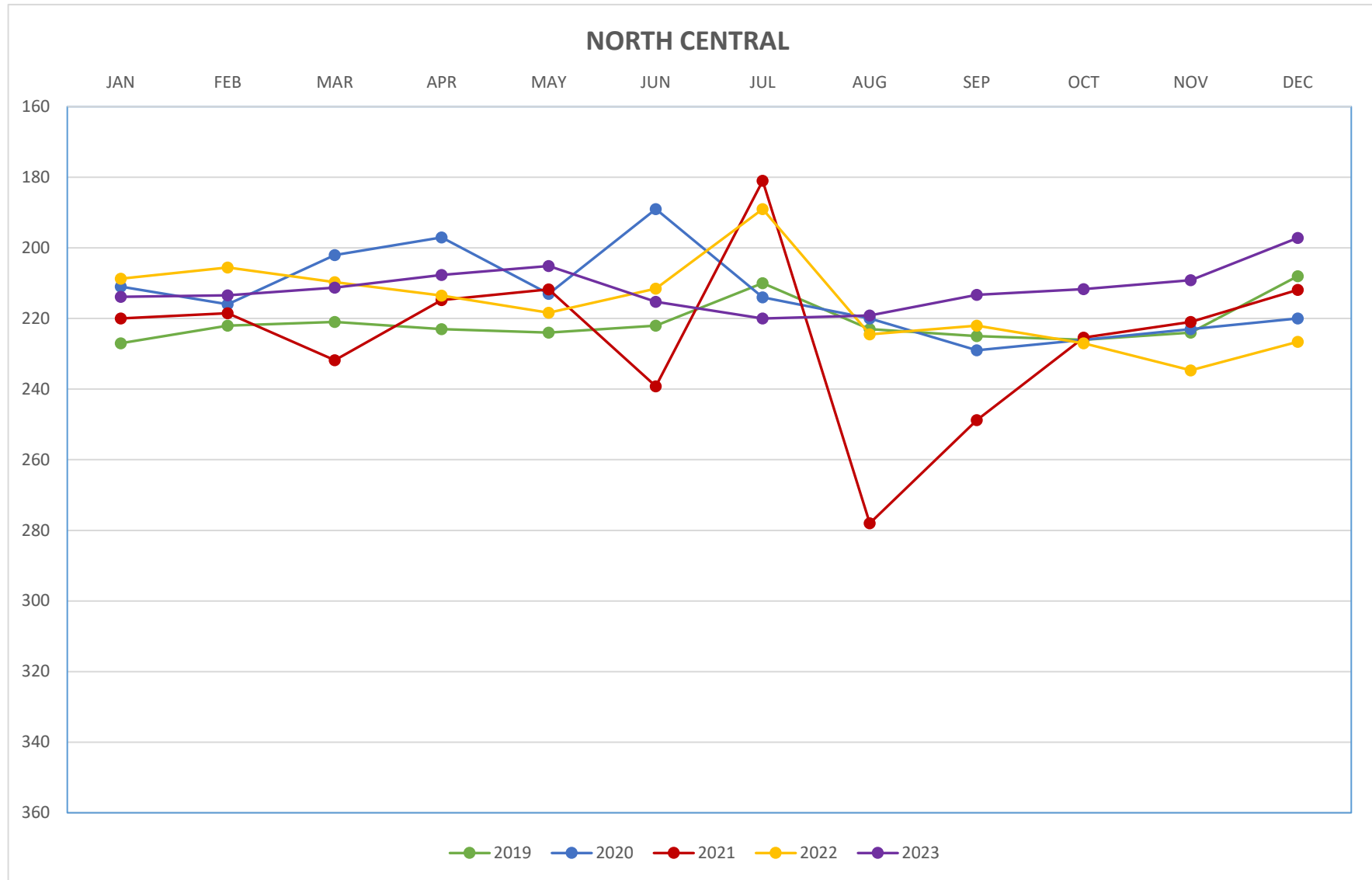
R = running well, no measurement taken

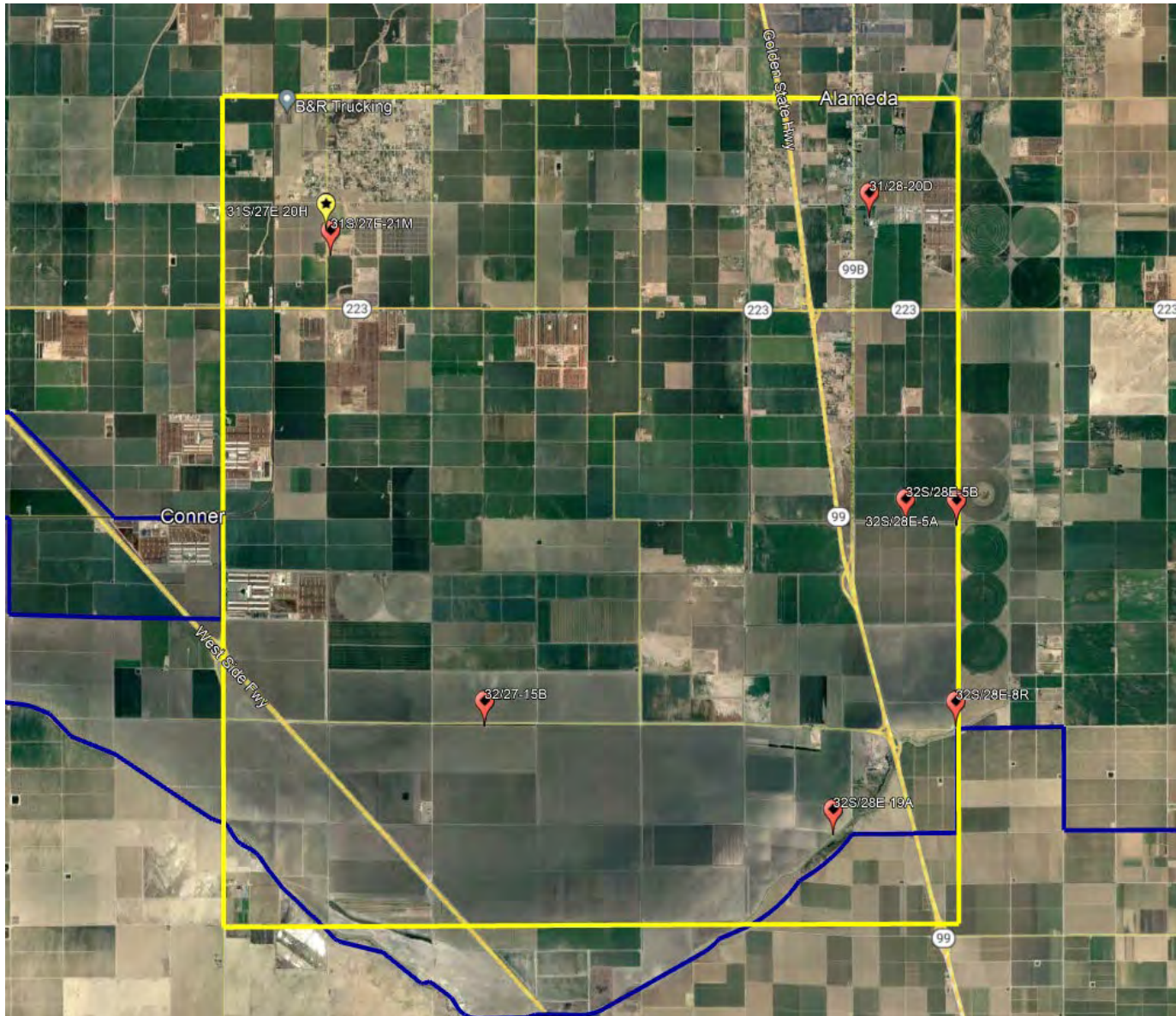
NR = temporary 'no reading', no measurement taken

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2023





# 2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
South-Central Quadrant	31/27-20H	NR	211	NR	213	203	NR	188	187	201	223	225	223	217	205	194	167	225	167	208
	31/27-21M	L	L	NR	220	NR	NR	206	168	170	178	201	201	178	NR	195	197	220	168	191
	31/28-20D	190	201	R	202	203	202	NR	NR	NR	R	207	205	NR	NR	200	R	207	190	201
	32/27-15B	231	202	200	201	338	270	264	255	260	280	260	NR	290	280	270	272	338	200	257
	32/28-19A	215	222	222	255	NR	237	234	231	254	262	270	273	276	257	250	236	276	215	247
	32/28-05A	250	239	220	214	243	233	231	211	223	237	240	263	260	249	241	227	263	211	237
	32/28-05B	226	201	205	221	215	221	211	204	211	222	236	245	240	233	223	214	245	201	221
	32/28-08R	224	253	222	255	NR	234	248	234	230	263	260	NR	270	253	266	229	270	222	247
	MONTHLY AVG	223	218	214	223	240	233	226	213	221	238	237	235	247	246	230	220			
	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)																	168		
	AVERAGE DEPTH TO WATER S-C (running average for all data last 5 years)																	230		

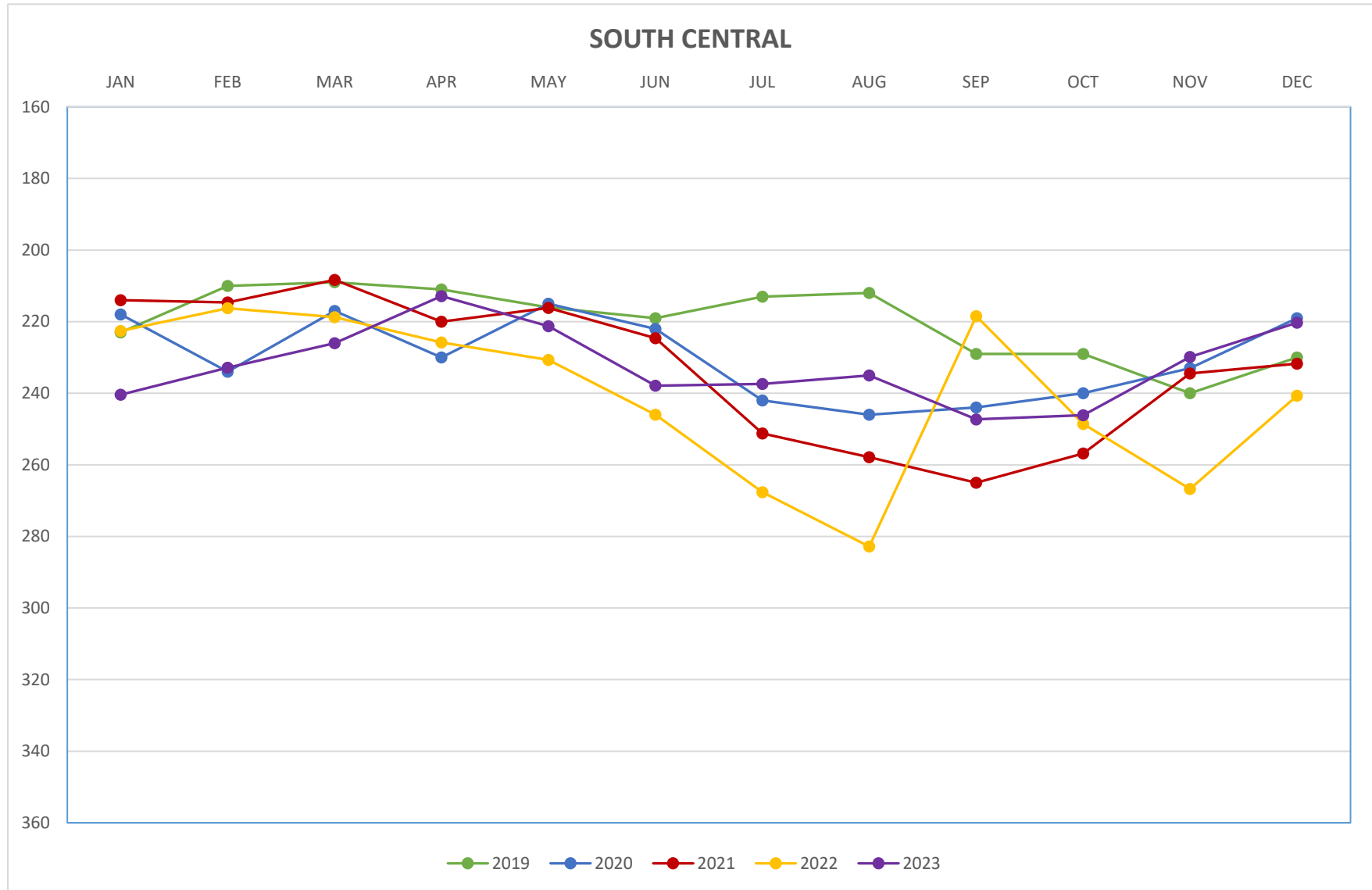
G = gated well, unable to access

R = running well, no measurement taken

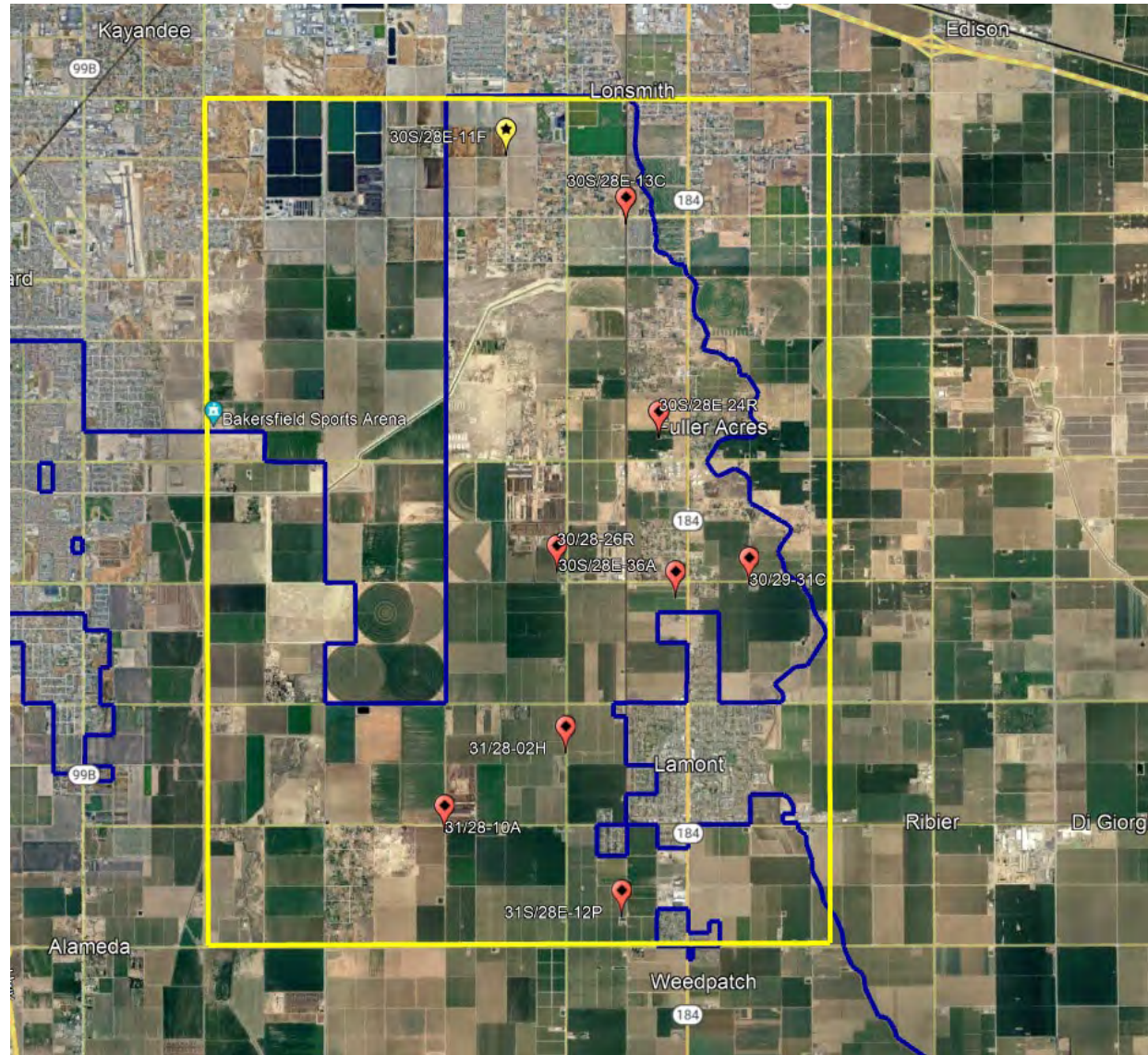
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2023







# 2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Northeast Quadrant	30/28-11F	263	263	264	272	NR	278	270	278	289	279	285	286	283	283	294	279	294	263	278
	30/28-13C	R	300	331	320	313	321	322	R	R	R	R	360	R	315	319	312	360	300	322
	30/28-26R	287	NR	NR	NR	NR	NR	NR	NR	295	289	NR	NR	R	304	299	300	304	287	295
	30/28-36A		212	NR	NR	334	332	326	331	331	334	336	336	334	R	331	335	336	212	322
	30/29-31C	327	338	330	344	347	344	344	338	340	344	346	348	345	340	343	349	348	327	341
	31/28-02H	291	290	295	326	310	308	304	NR	307	R	R	320	312	313	280	NR	326	280	305
	31/28-10A	253	253	258	265	269	266	264	238	271	266	281	280	270	264	267	268	281	238	264
	31/28-12P	286	284	NR	NR	302	301	301	296	301	R	292	313	302	274	301	297	313	274	296
	MONTHLY AVG	285	277	296	305	313	307	304	296	305	302	308	320	308	299	304	306			
	MAXIMUM DEPTH TO WATER NE (running average for all data last 5 years)																	360		
	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)																	302		

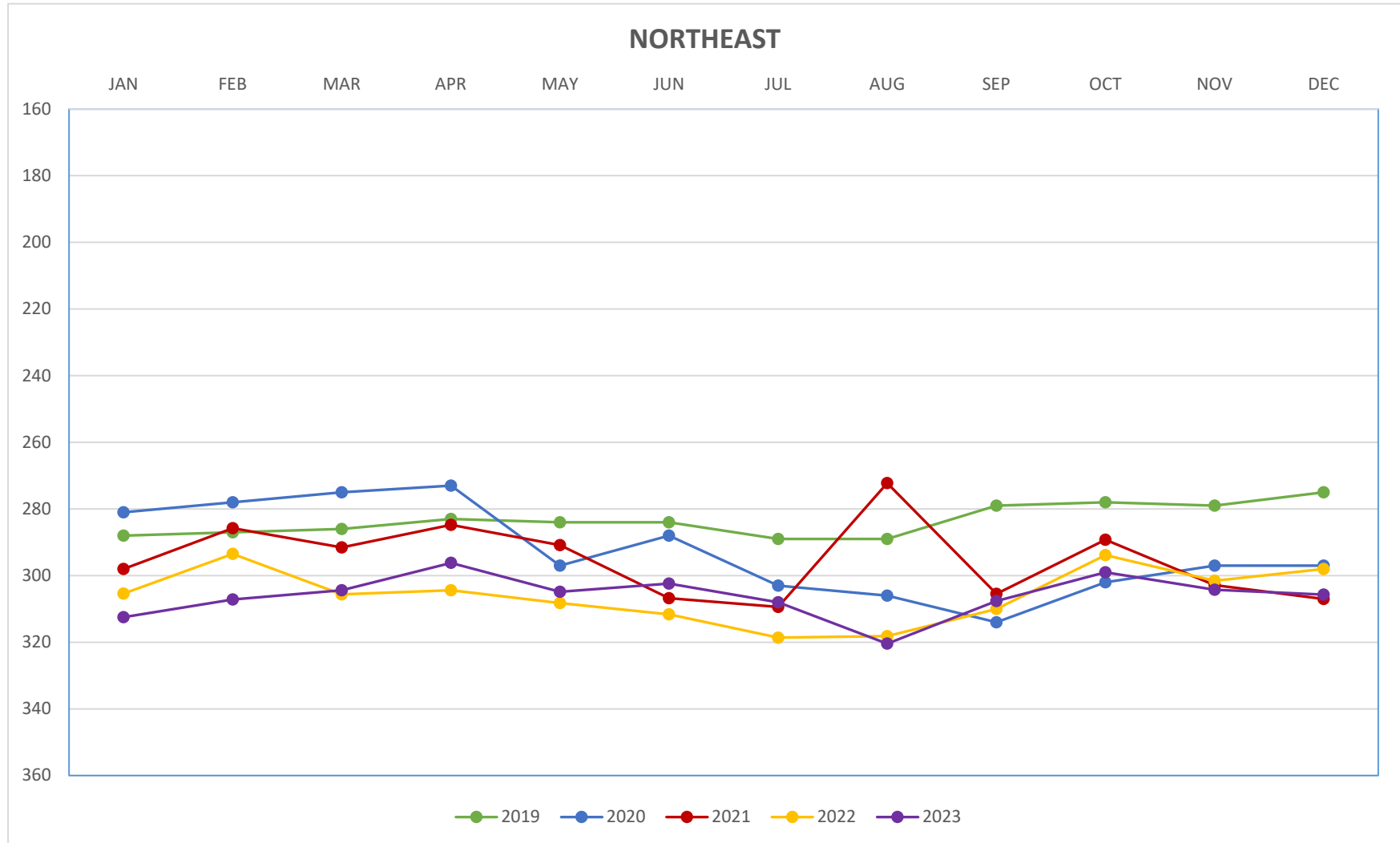
G = gated well, unable to access

R = running well, no measurement taken

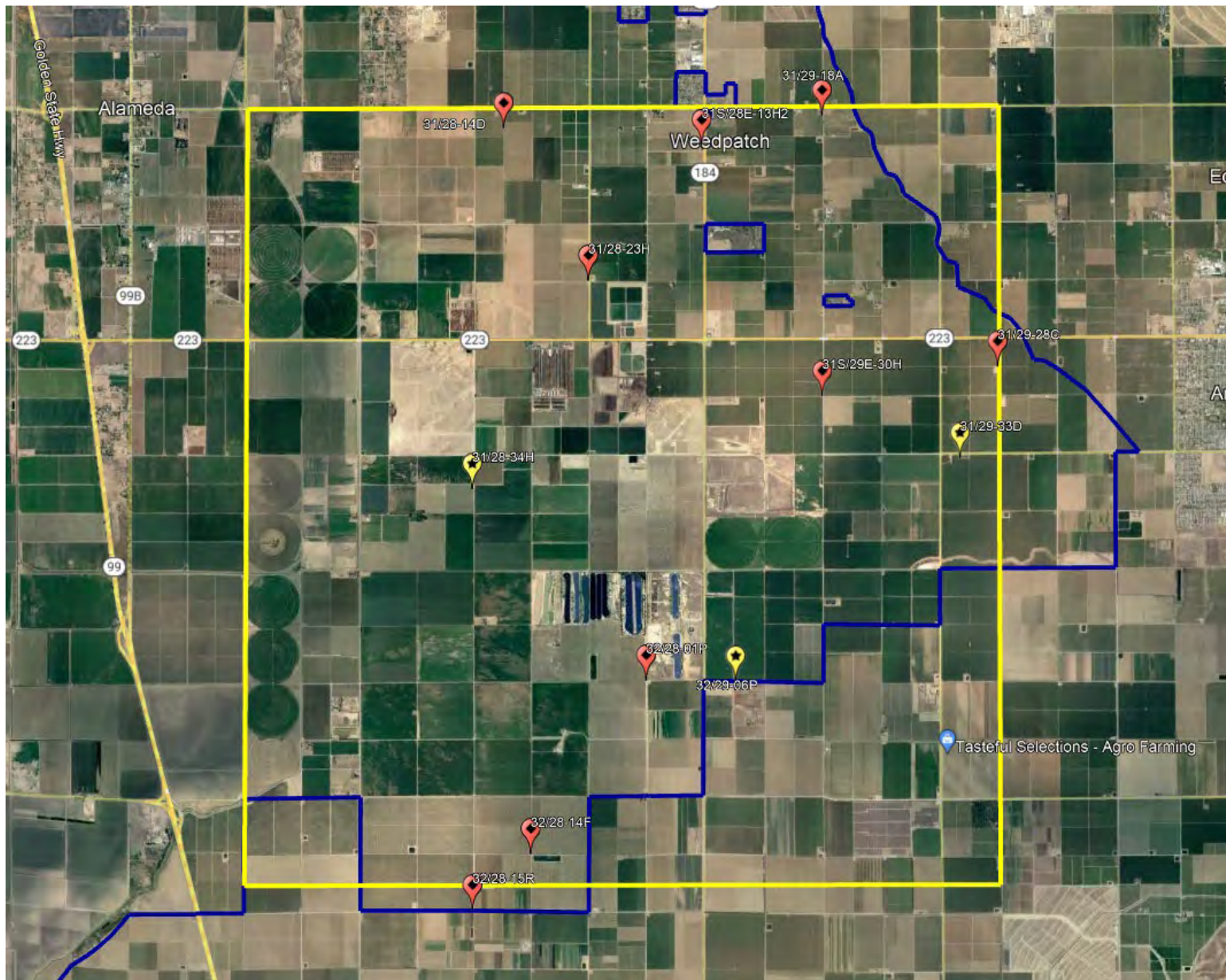
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yellow shading = inactive well

2023









		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southeast Quadrant	31/28-13H2	NR	NR	NR	290	299	298	304	278	290	290	292	296	283	299	295	280	304	278	293
	31/28-14D	239	230	235	247	245	243	241	230	R	R	R	R	245	R	236	239	247	230	239
	31/28-23H	290	286	275	276	313	304	NR	R	NR	R	321	320	303	306	294	NR	321	275	299
	31/28-34H	337	206	204	203	213	223	NR	221	220	235	214	247	227	223	220	NR	337	203	228
	31/29-28C	347	344	NR	NR	201	205	NR	204	202	207	214	210	202	207	220	NR	347	201	230
	31/29-30H	NR	NR	331	353	333	R	328	332	340	338	R	R	R	340	340	343	353	328	337
	31/29-33D	342	250	338	239	347	345	346	346	340	348	343	346	338	243	343	331	348	239	324
	32/28-14F	NR	222	241	NR	NR	NR	NR	NR	205	208	205	NR	228	202	202	NR	241	202	214
	32/28-15R	263	272	291	314	298	285	279	283	320	335	R	360	NR	315	303	NR	360	263	301
	32/28-01P	NR	NR	NR	207	NR	NR	202	221	200	R	NR	R	212	220	-	190	221	200	210
	32/29-06P	183	177	208	NR	198	195	197	198	206	213	219	219	222	205	219	193	222	177	204
	MONTHLY AVG	286	248	265	266	272	262	271	257	258	272	258	285	251	256	267	263			
	MAXIMUM DEPTH TO WATER SE (running average for all data last 5 years)																	360		
	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)																	264		

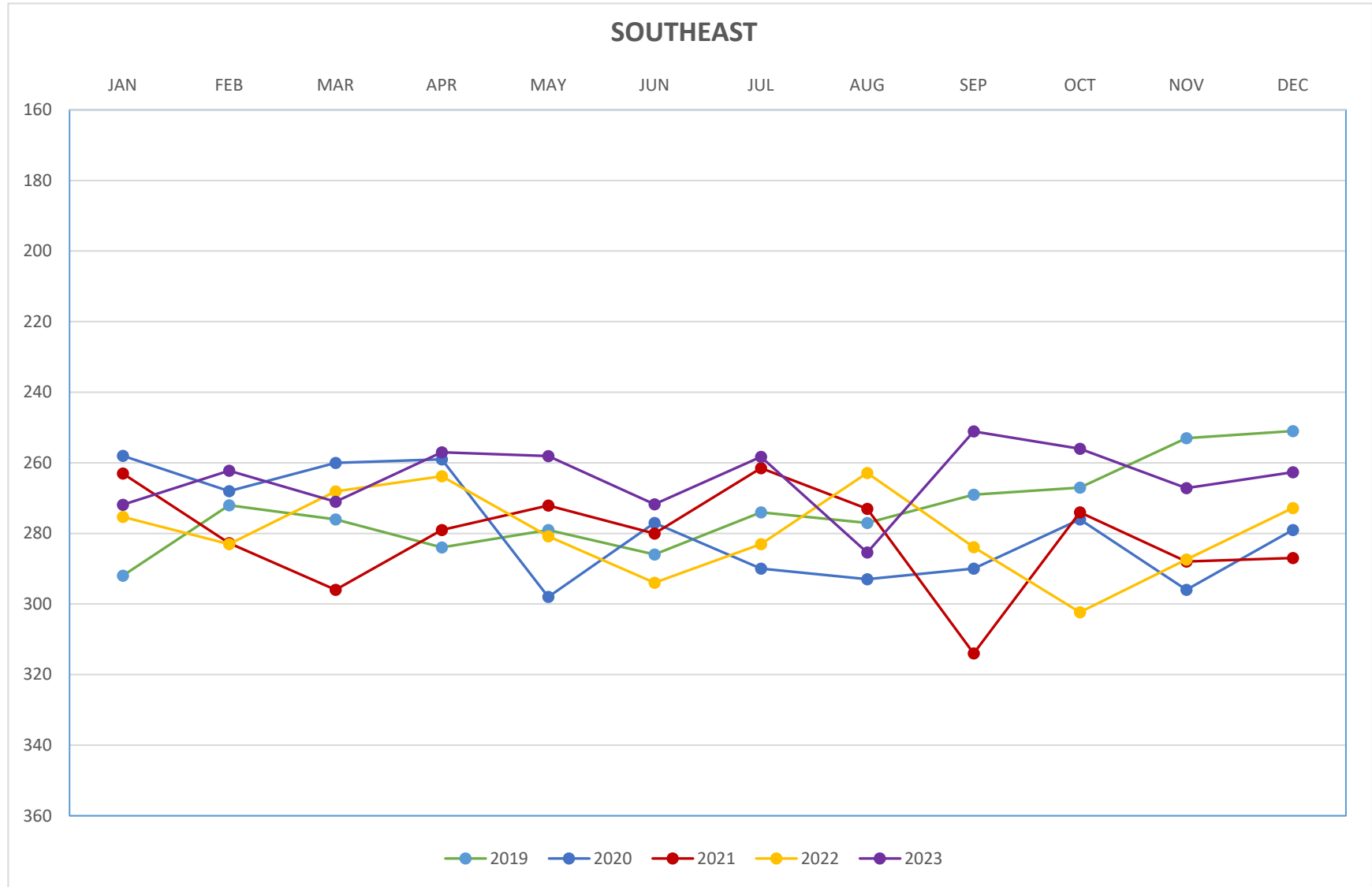
G = gated well, unable to access

yellow shading = inactive well

R = running well, no measurement taken

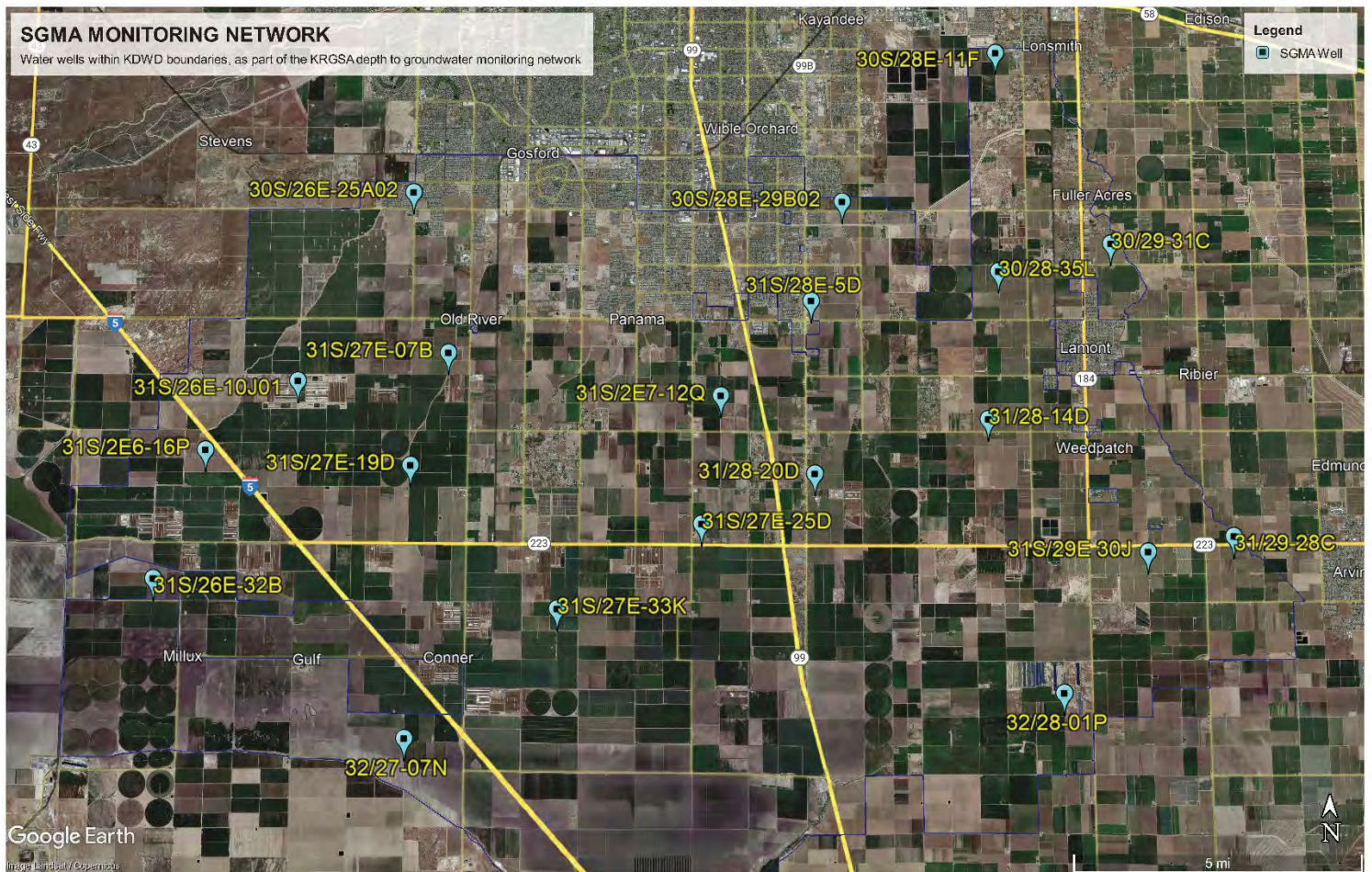
NR = temporary 'no reading', no measurement taken

2023





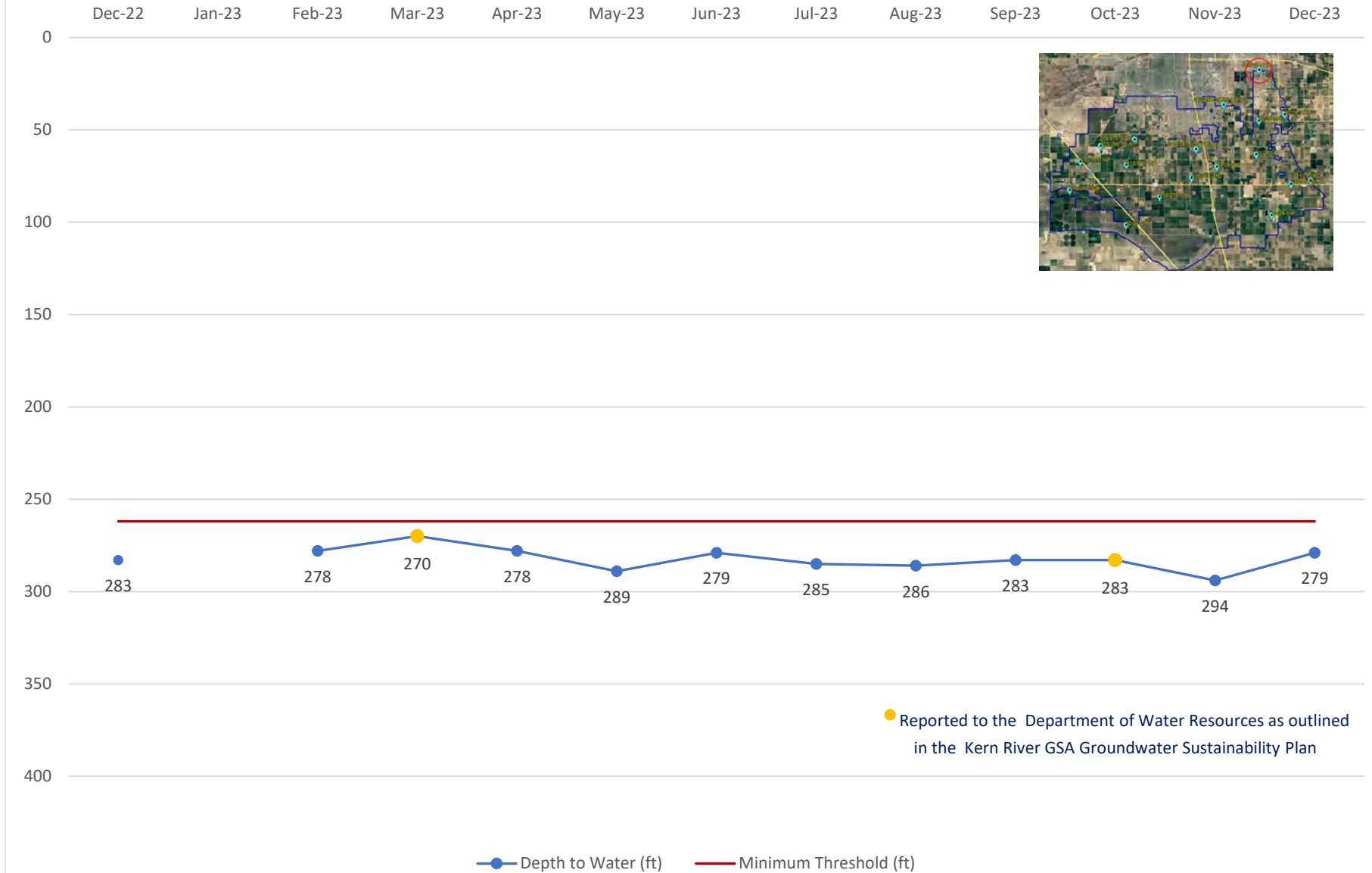
# Monthly SGMA Wells Monitoring Report



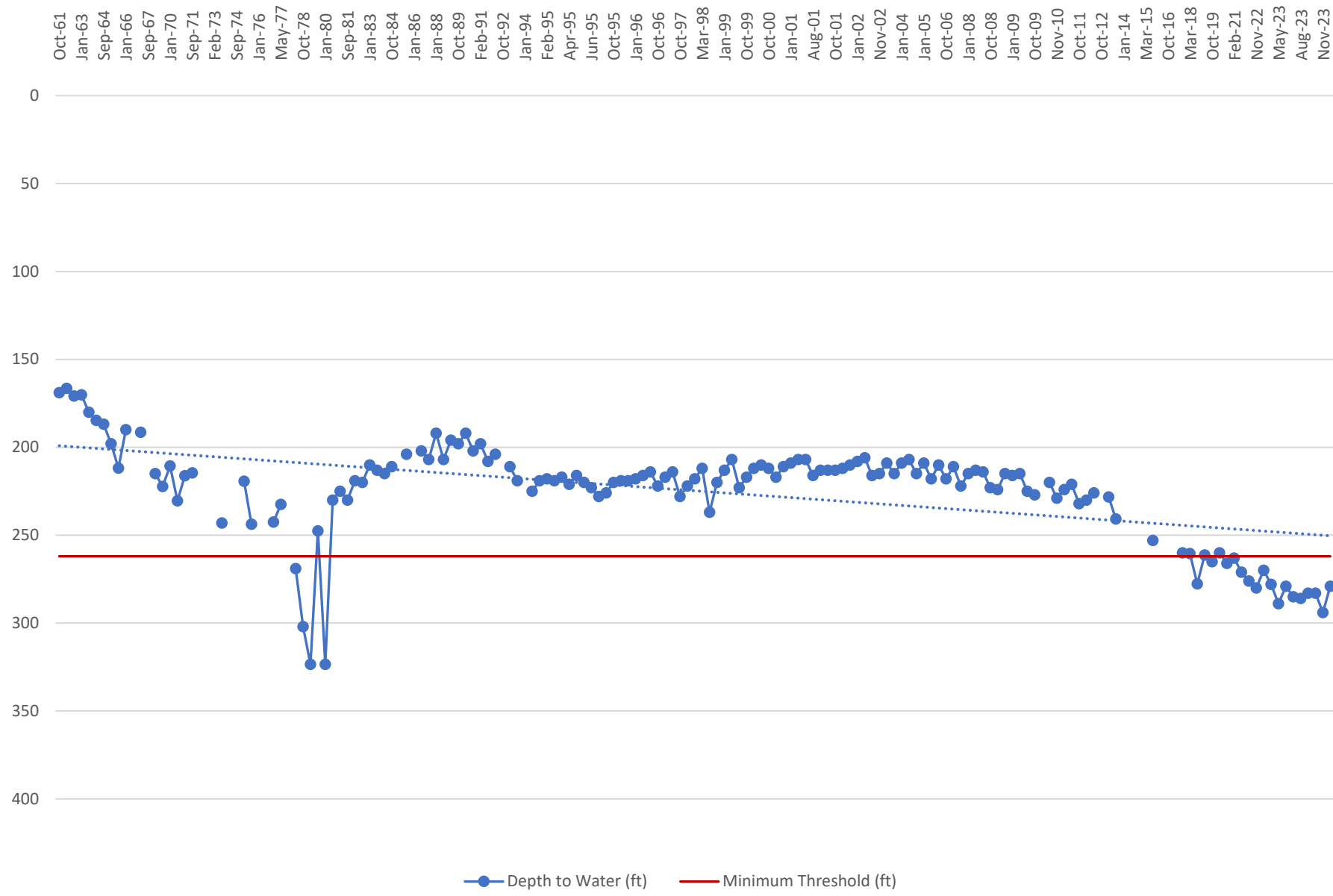
December 2023

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

not to exceed 262' (depth to water)



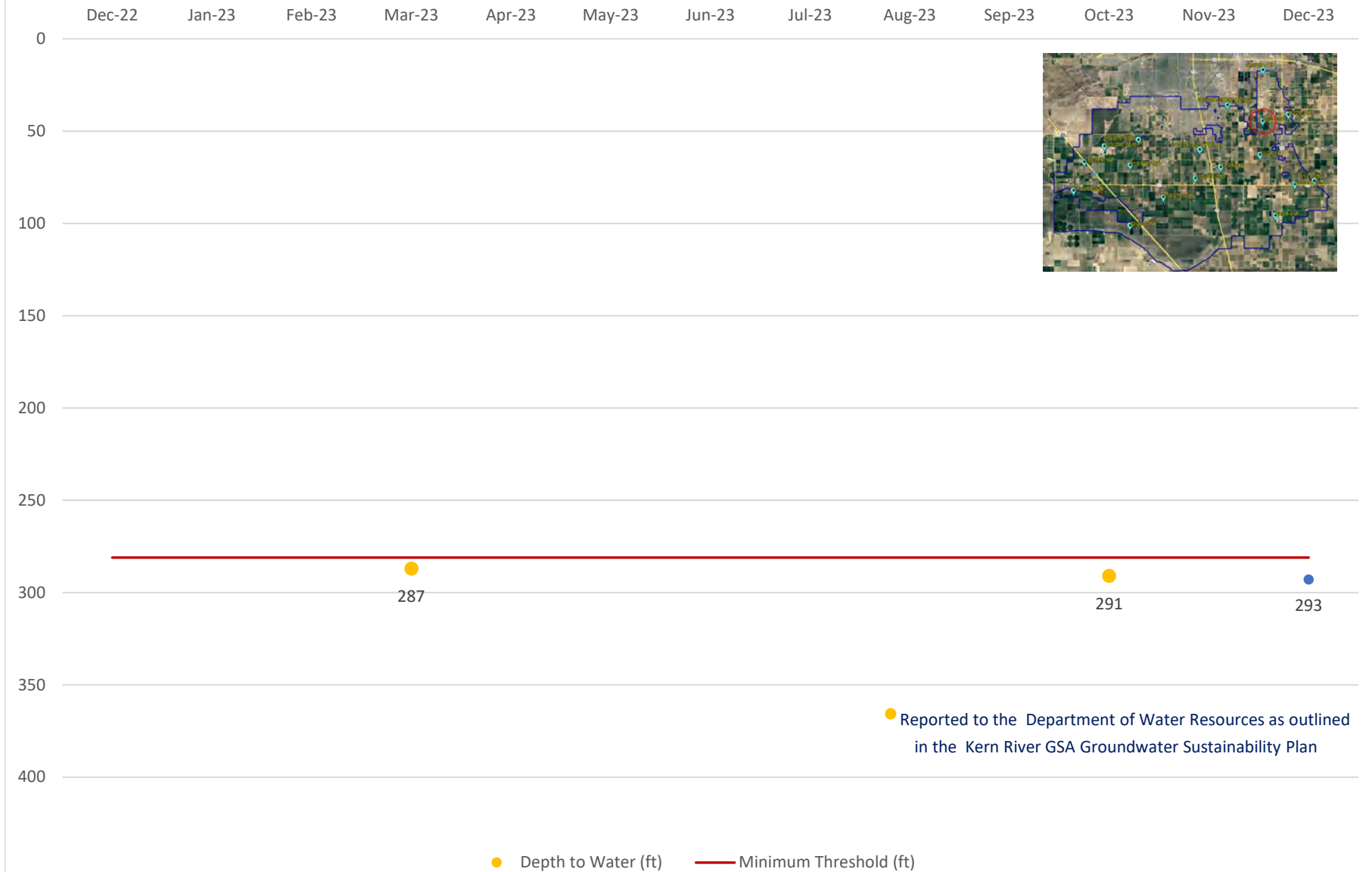
# RMW-030 Long-term



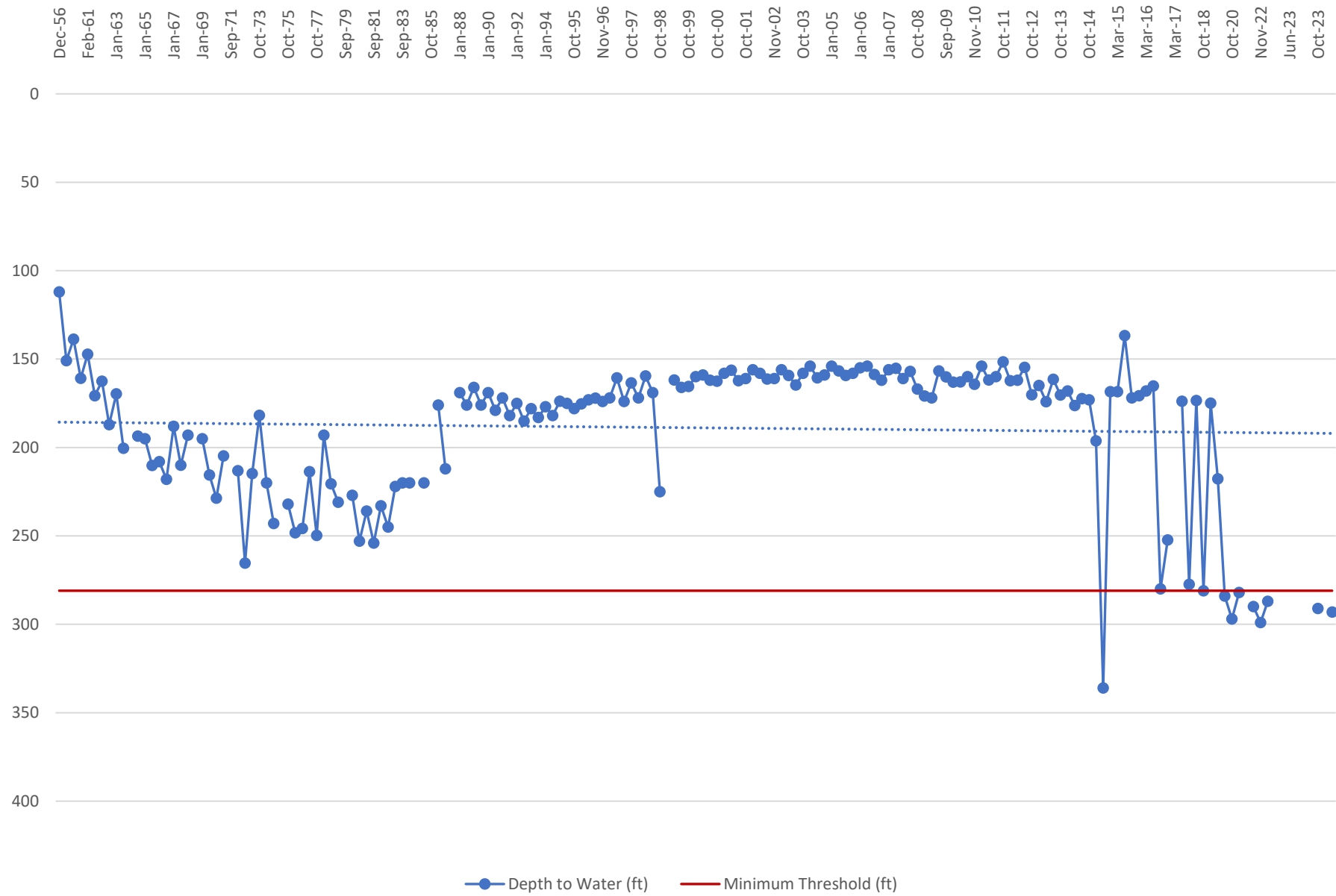


# RMW-034 30S/28E-35L

not to exceed 281' (depth to water)

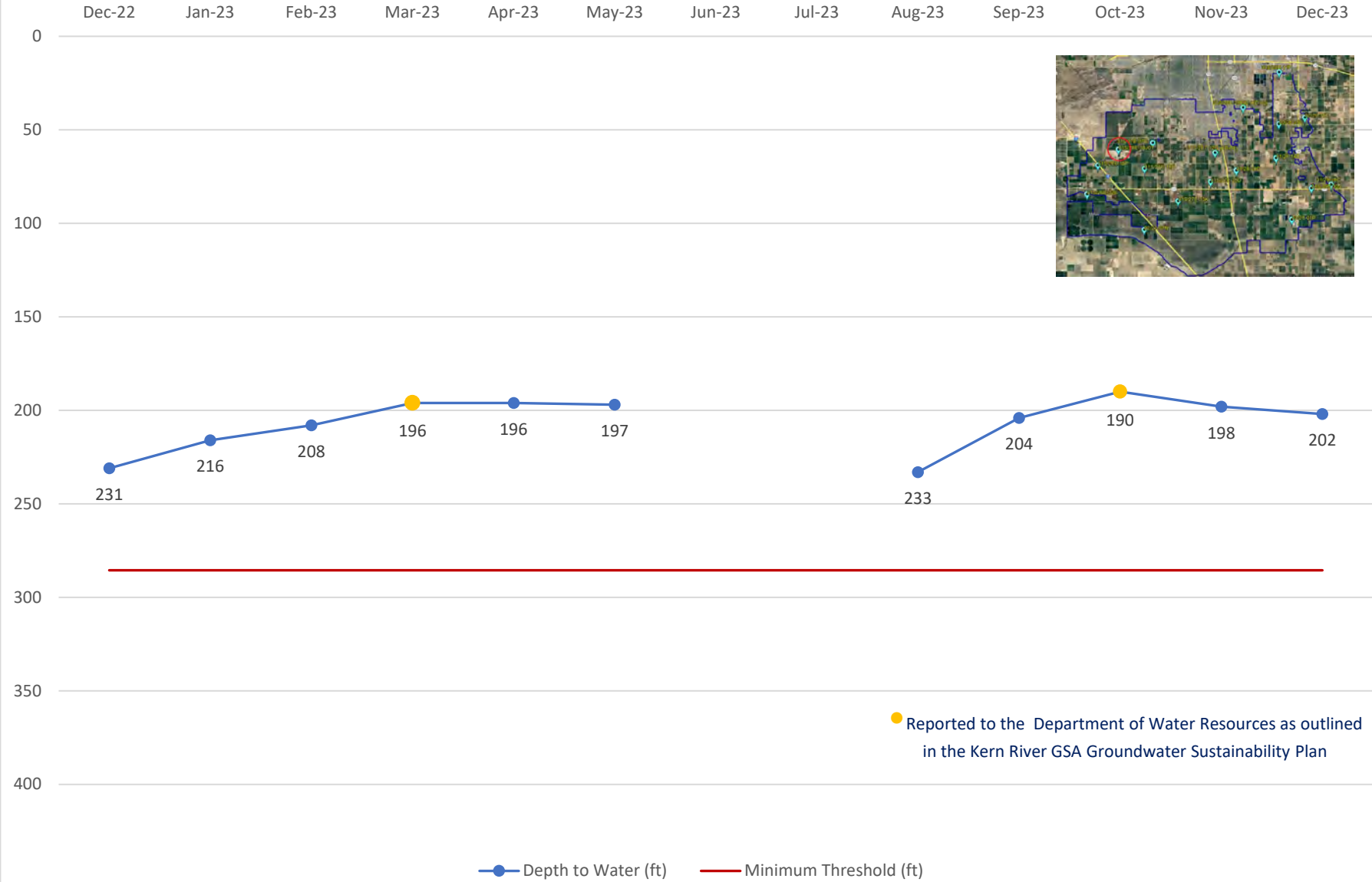


# RMW-034 Long-term



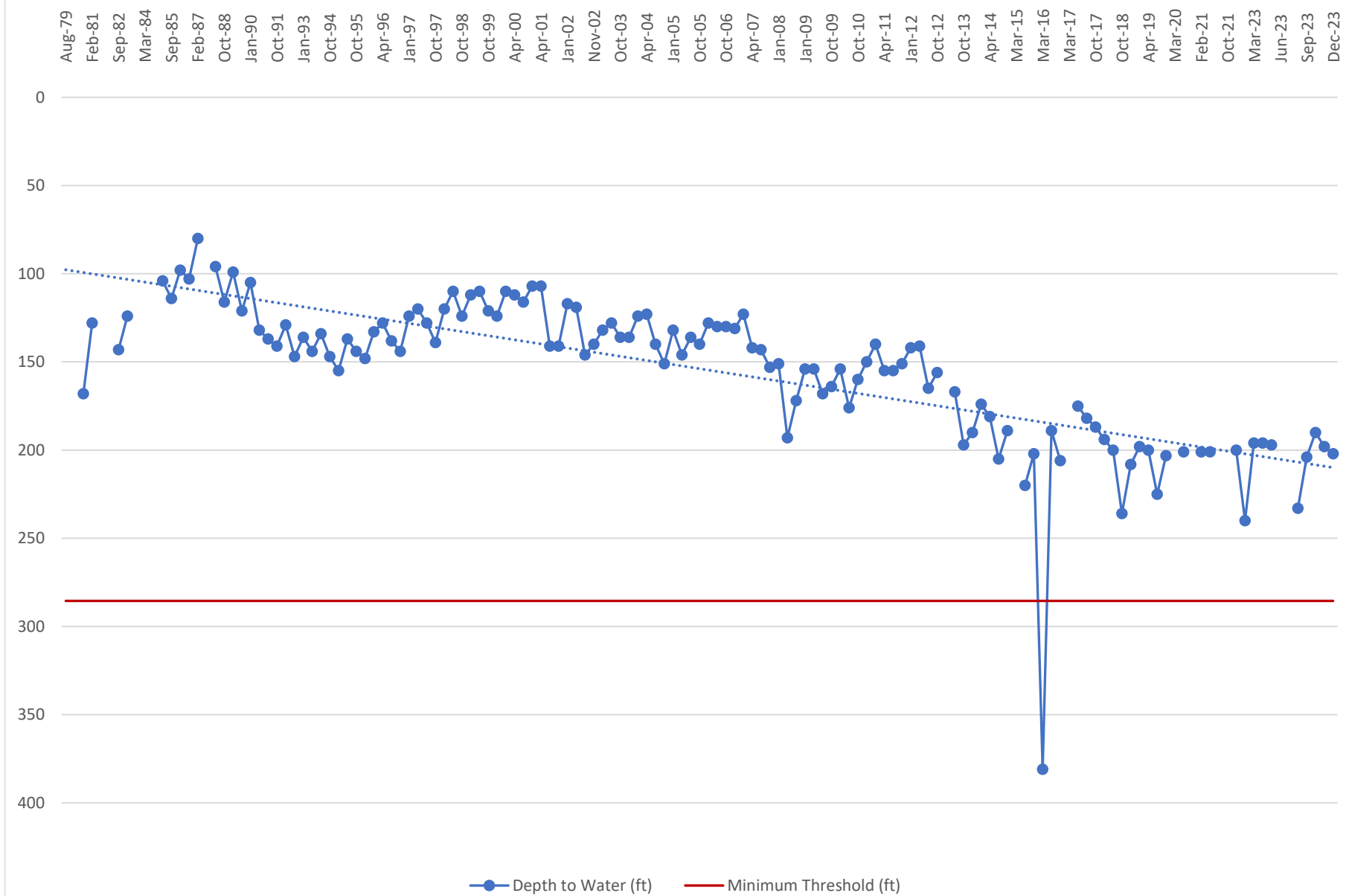
# RMW-035R 31S/26E-10J

not to exceed 285.5' (depth to water)



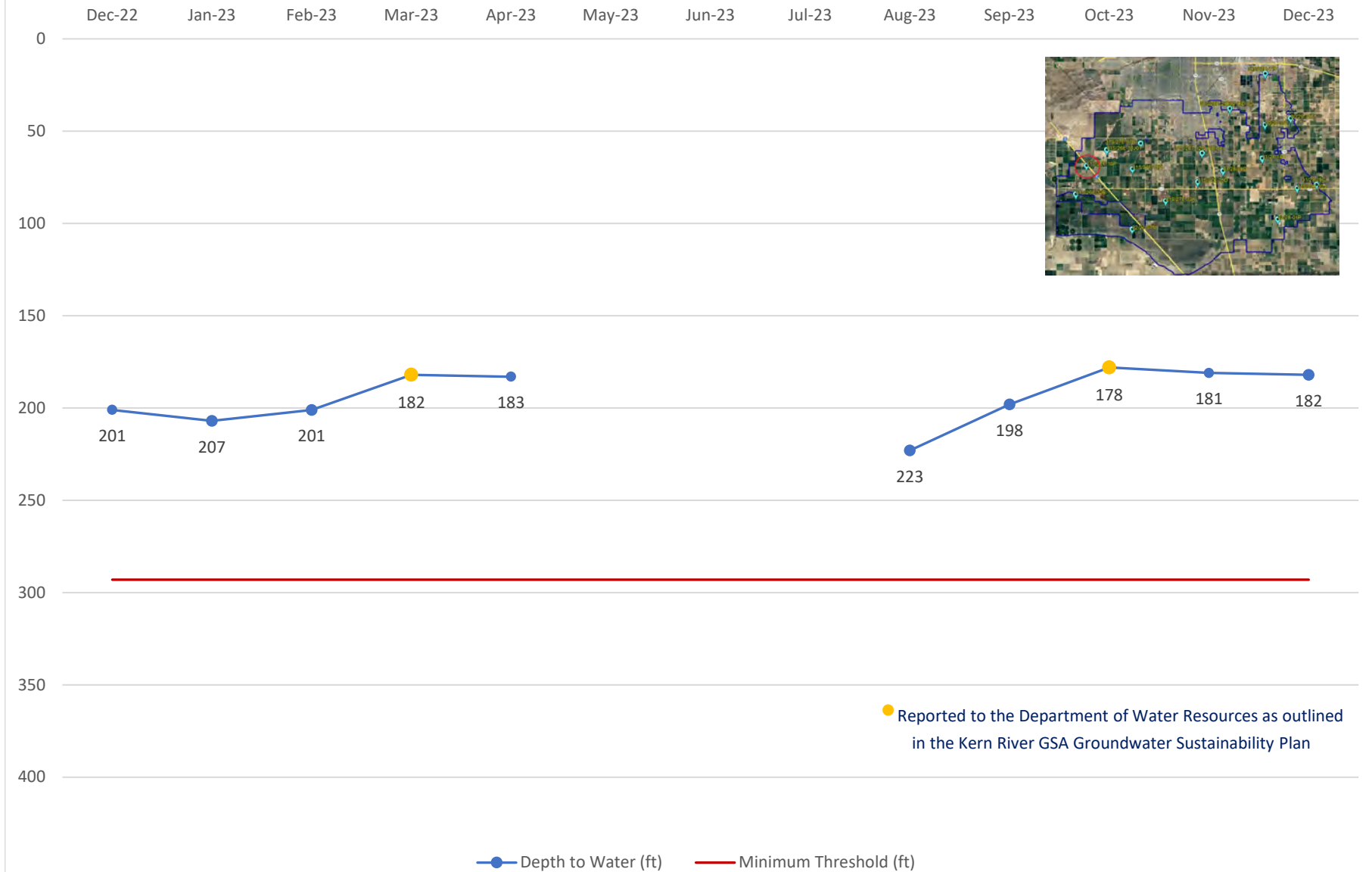


## RMW-035R Long-term

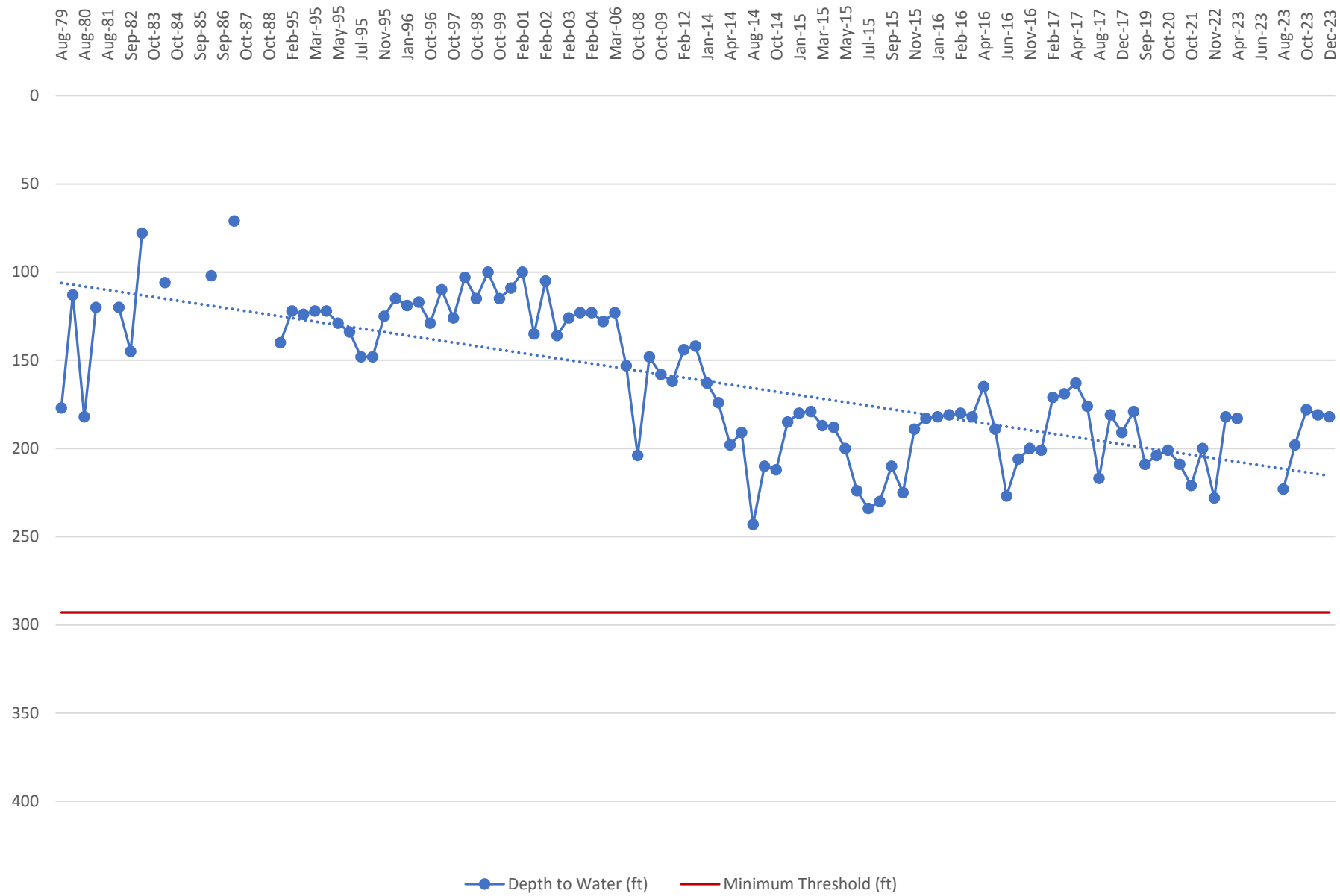


# RMW-037 31S/26E-16P

not to exceed 293' (depth to water)

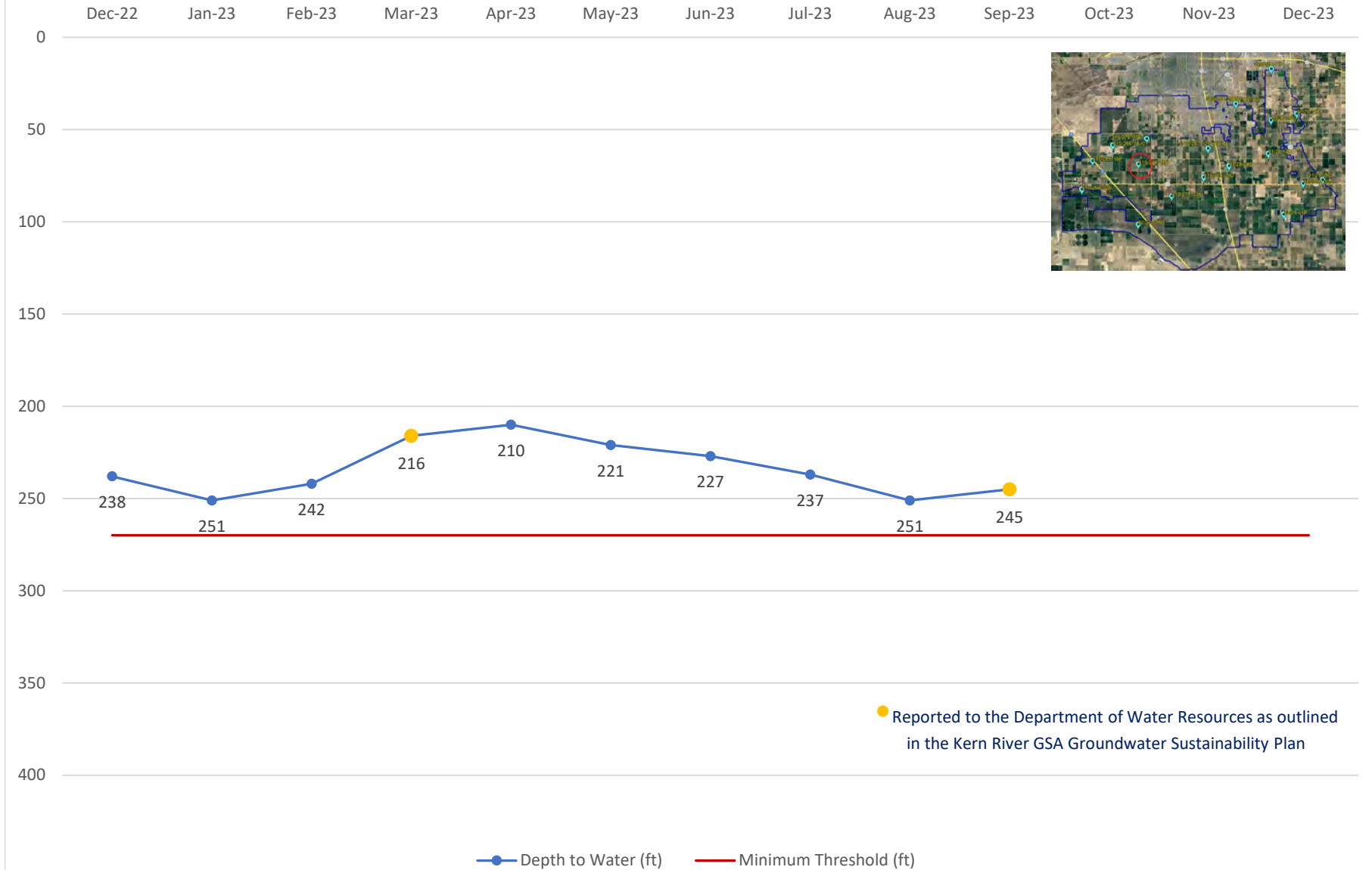


# RMW-037 Long-term

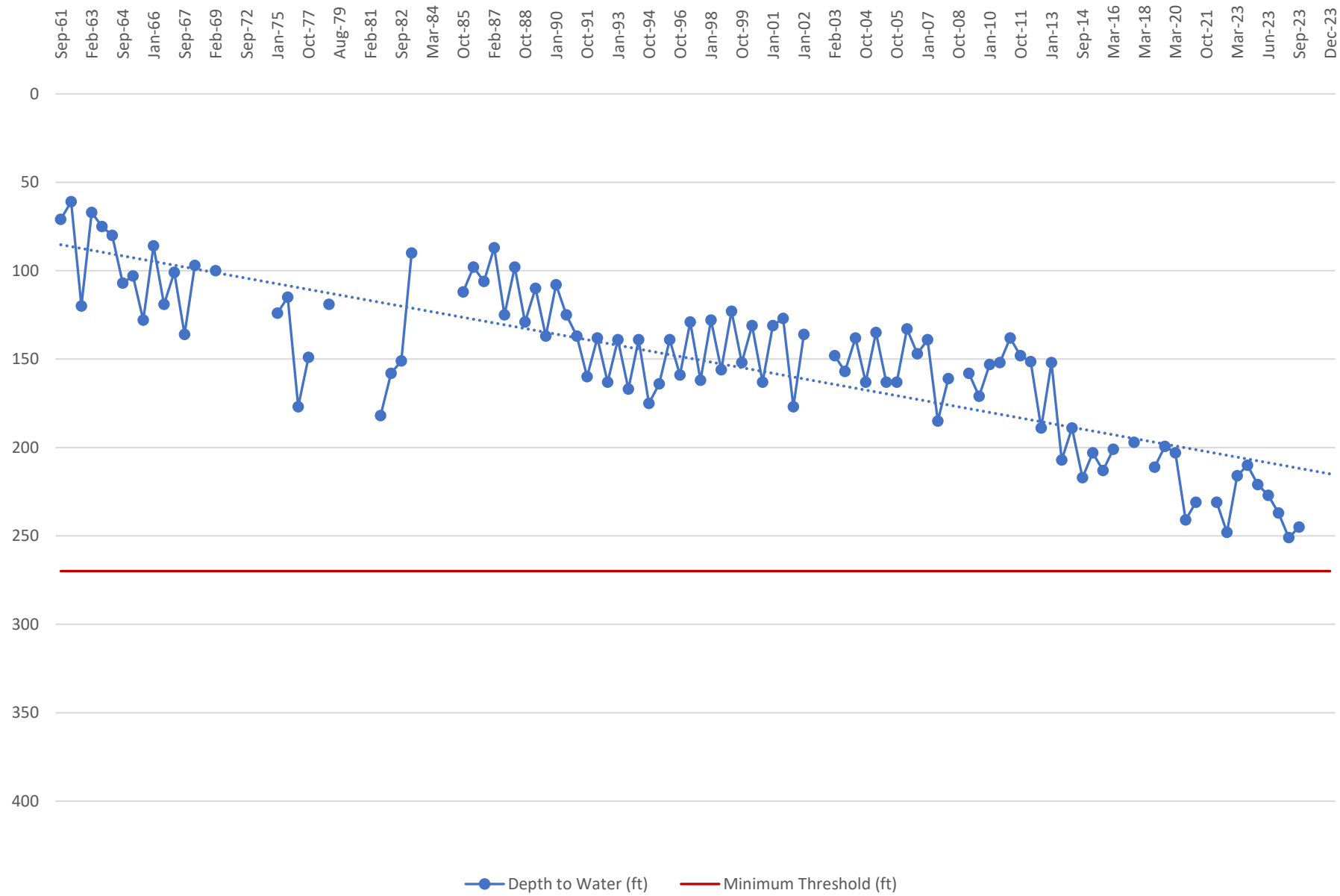


# RMW-038 31S/27E-19D

not to exceed 269.9' (depth to water)

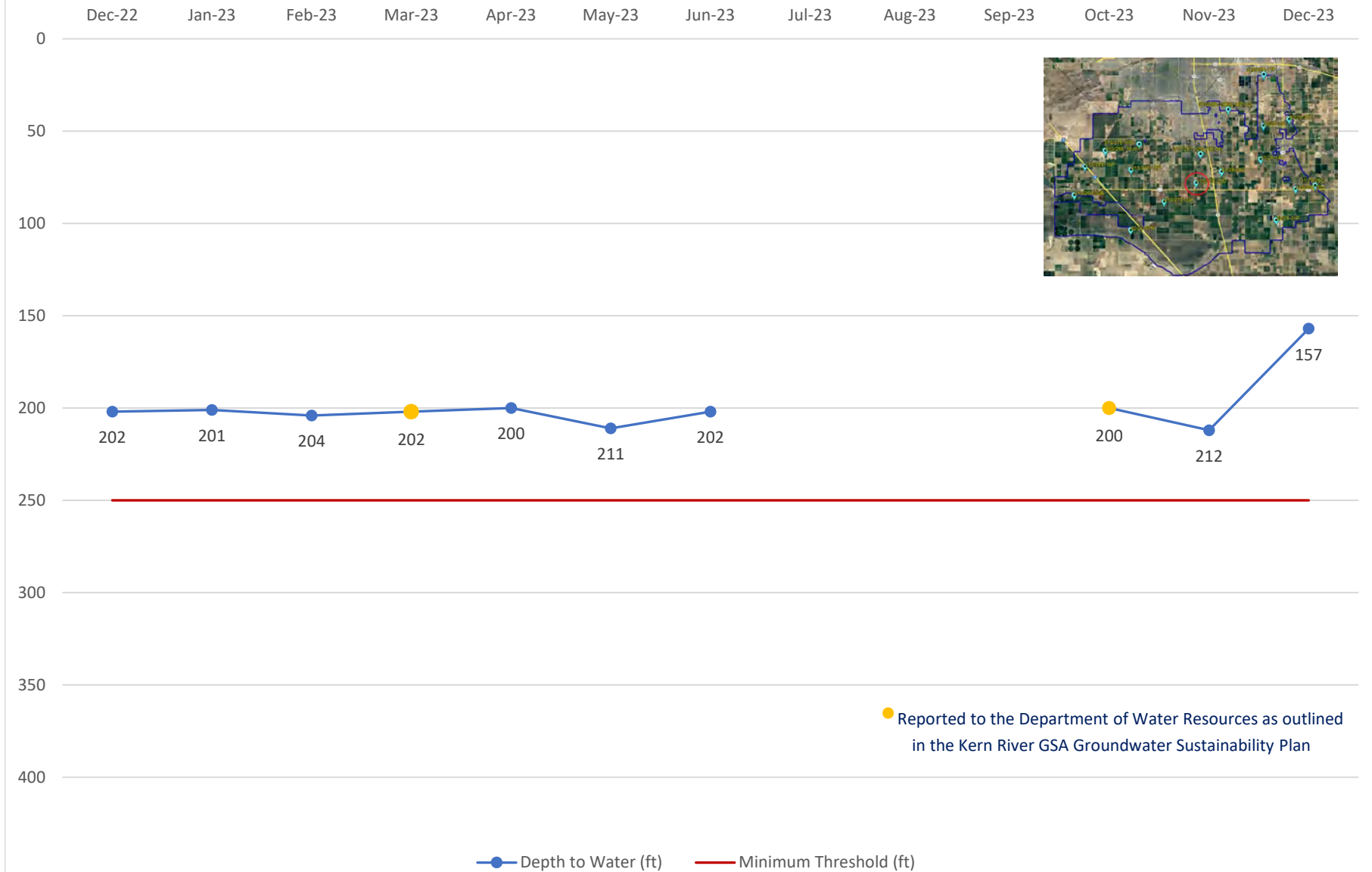


# RMW-038 Long-term

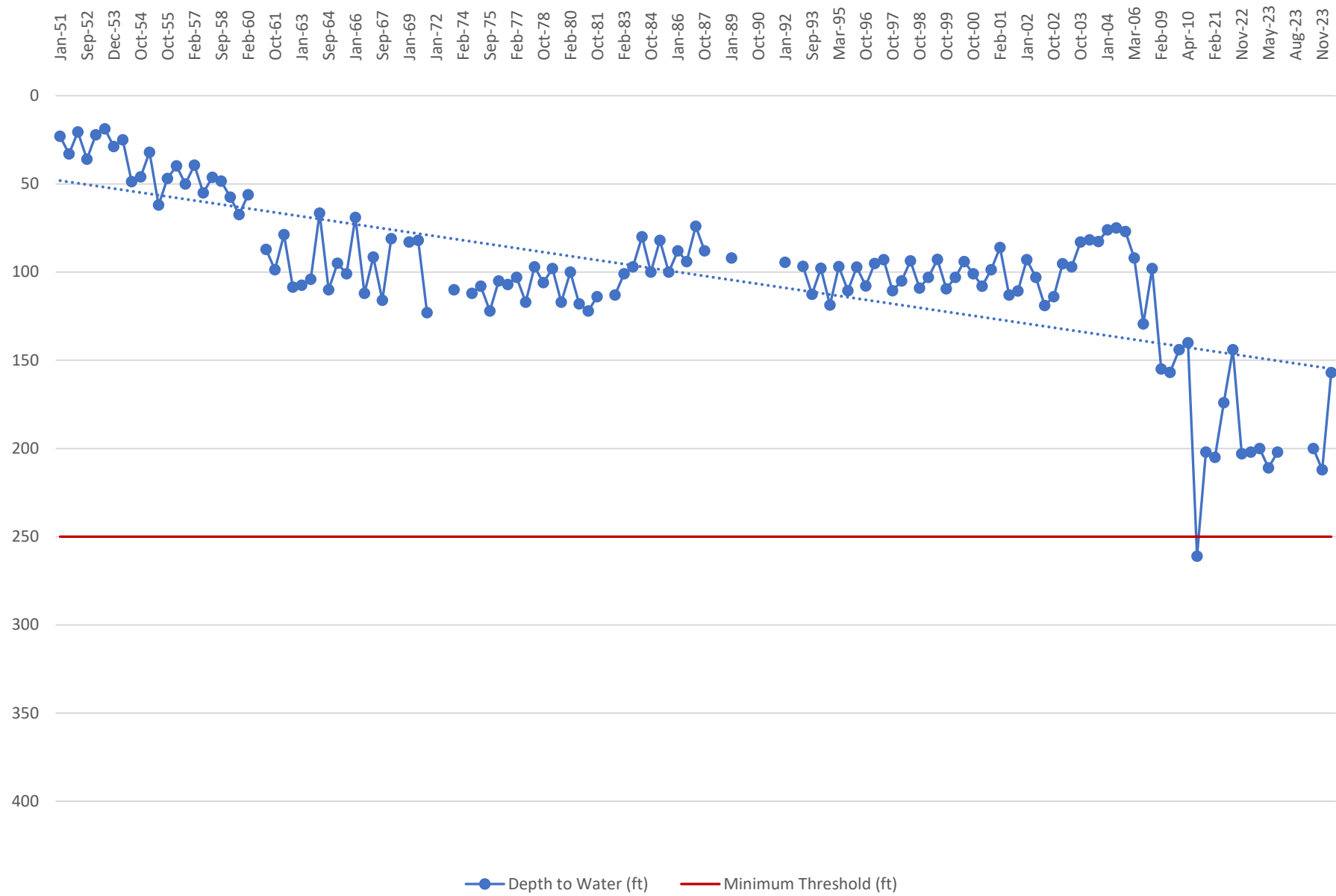


# RMW-040 31S/27E-25D

not to exceed 250' (depth to water)



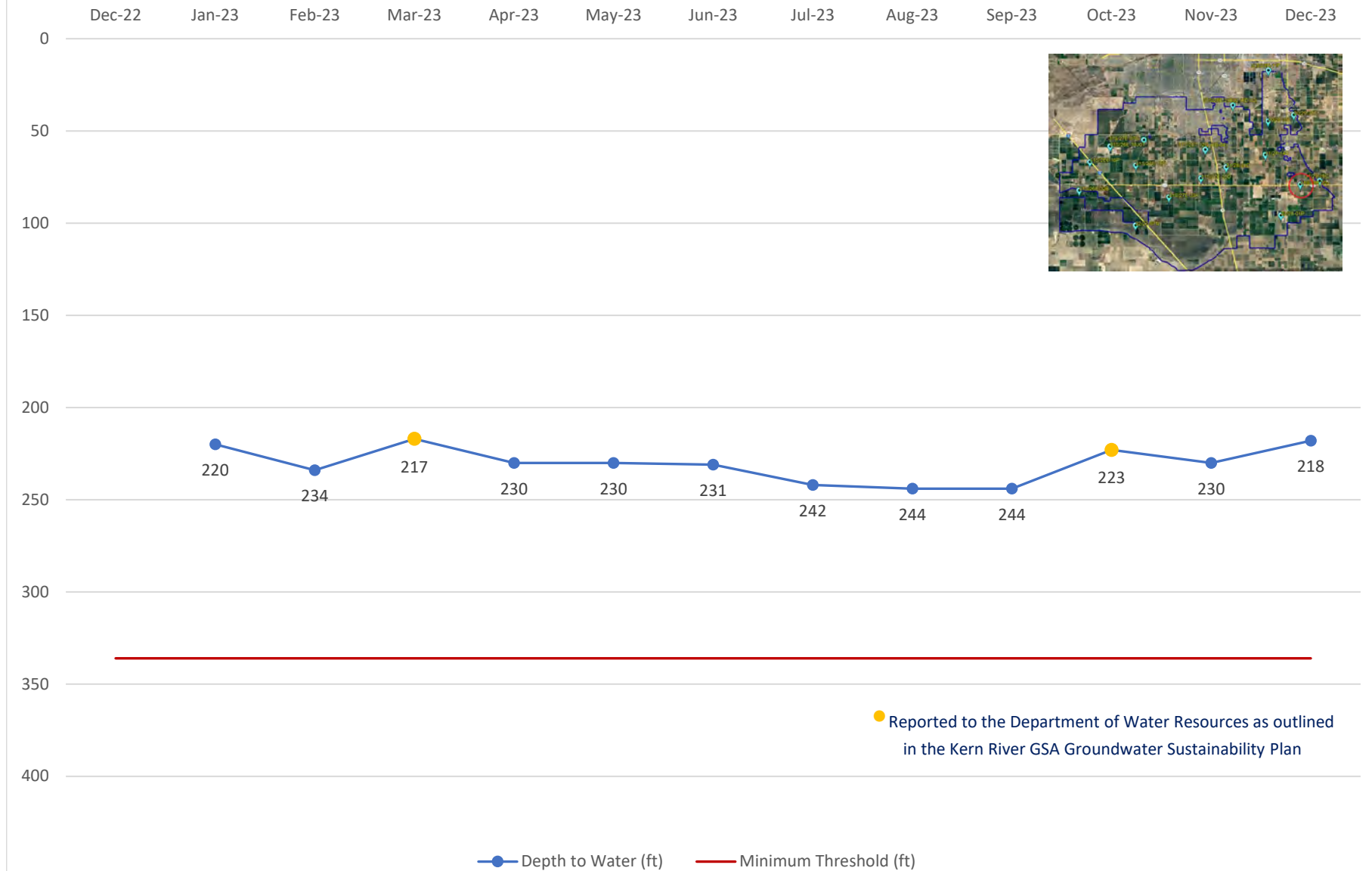
# RMW-040 Long-term



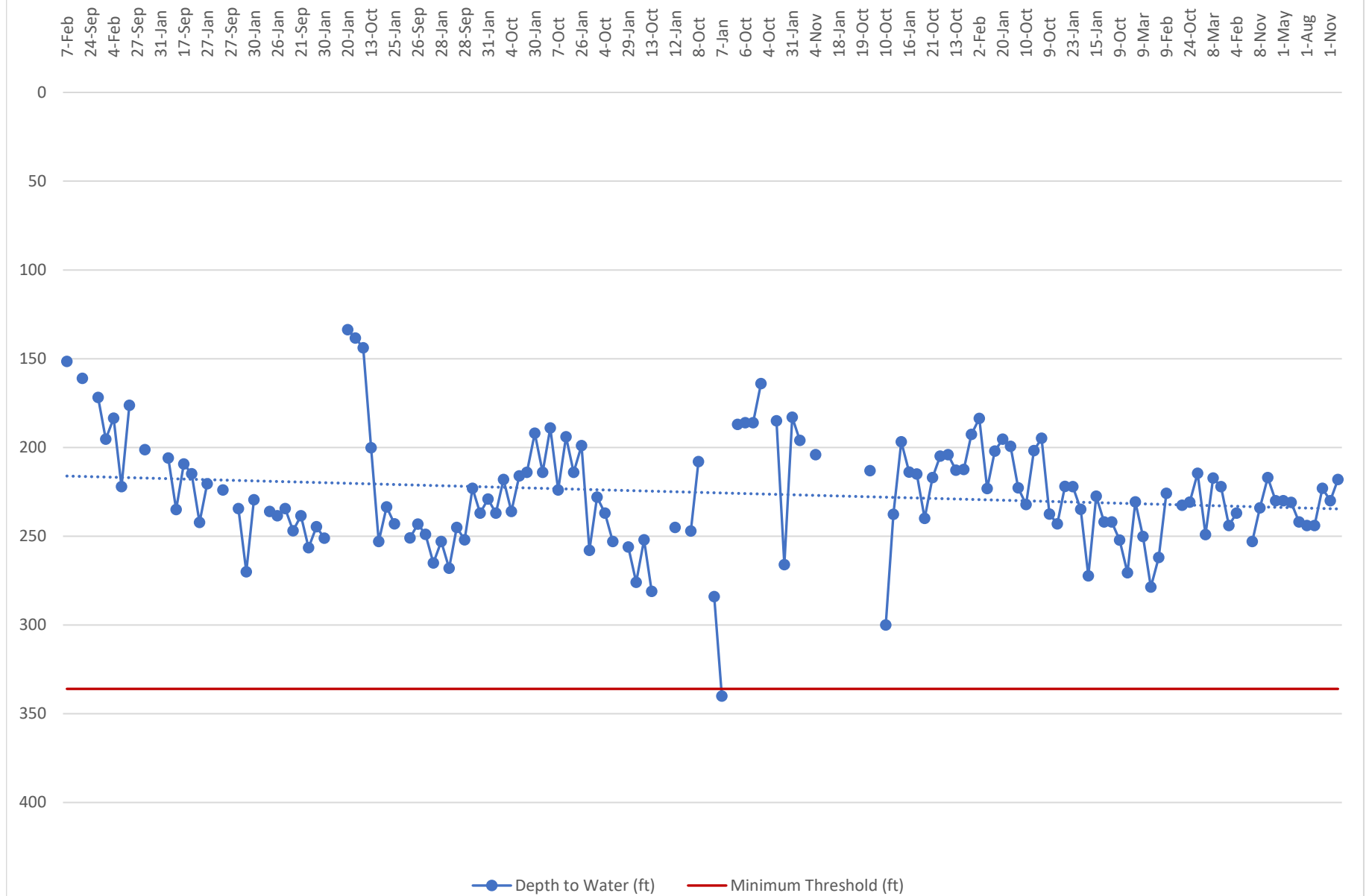


# RMW-041 31S/29E-30J

not to exceed 336' (depth to water)

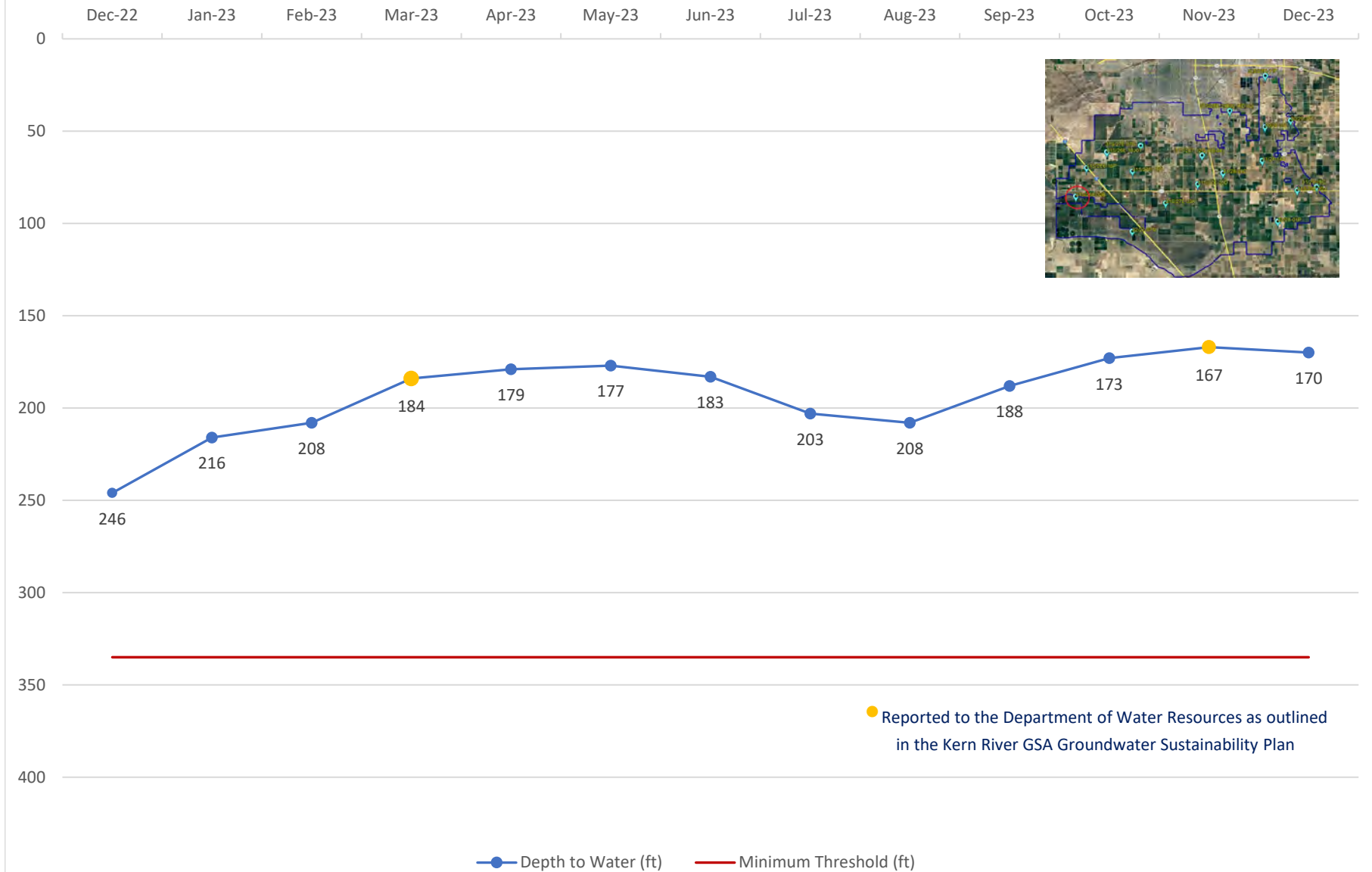


## RMW-041 Long-term

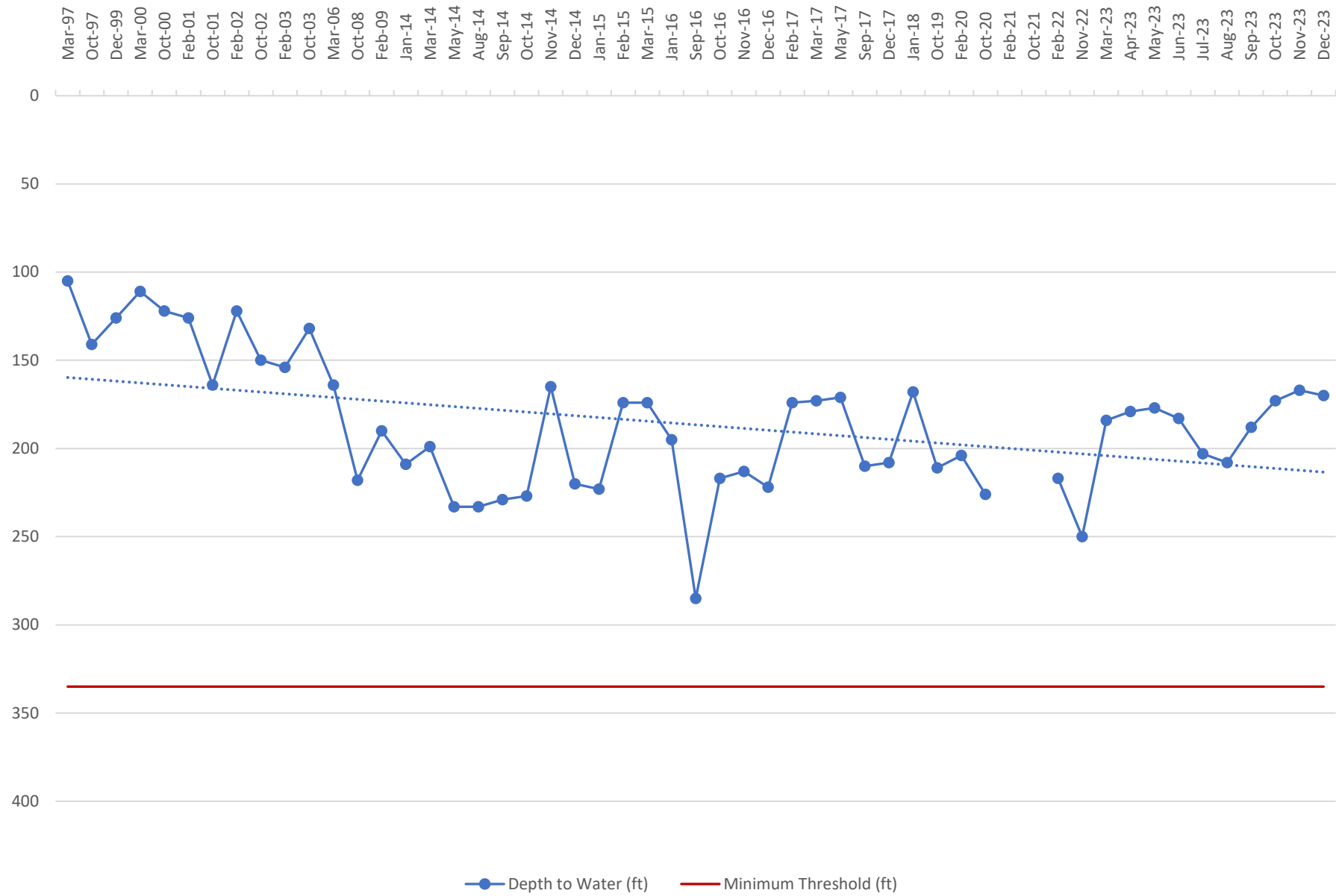


# RMW-042 31S/26E-32B

not to exceed 335' (depth to water)

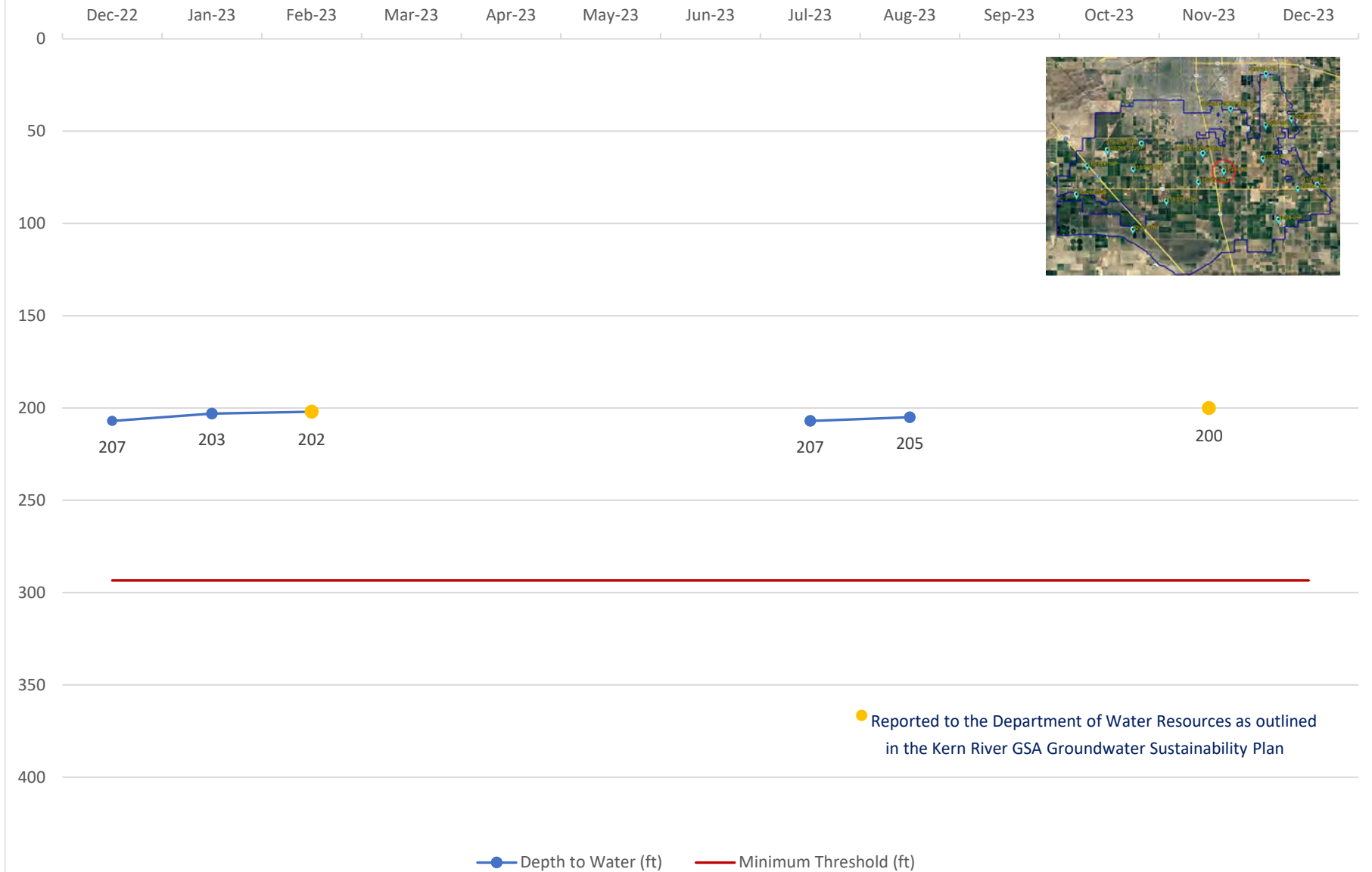


# RMW-042 Long-term

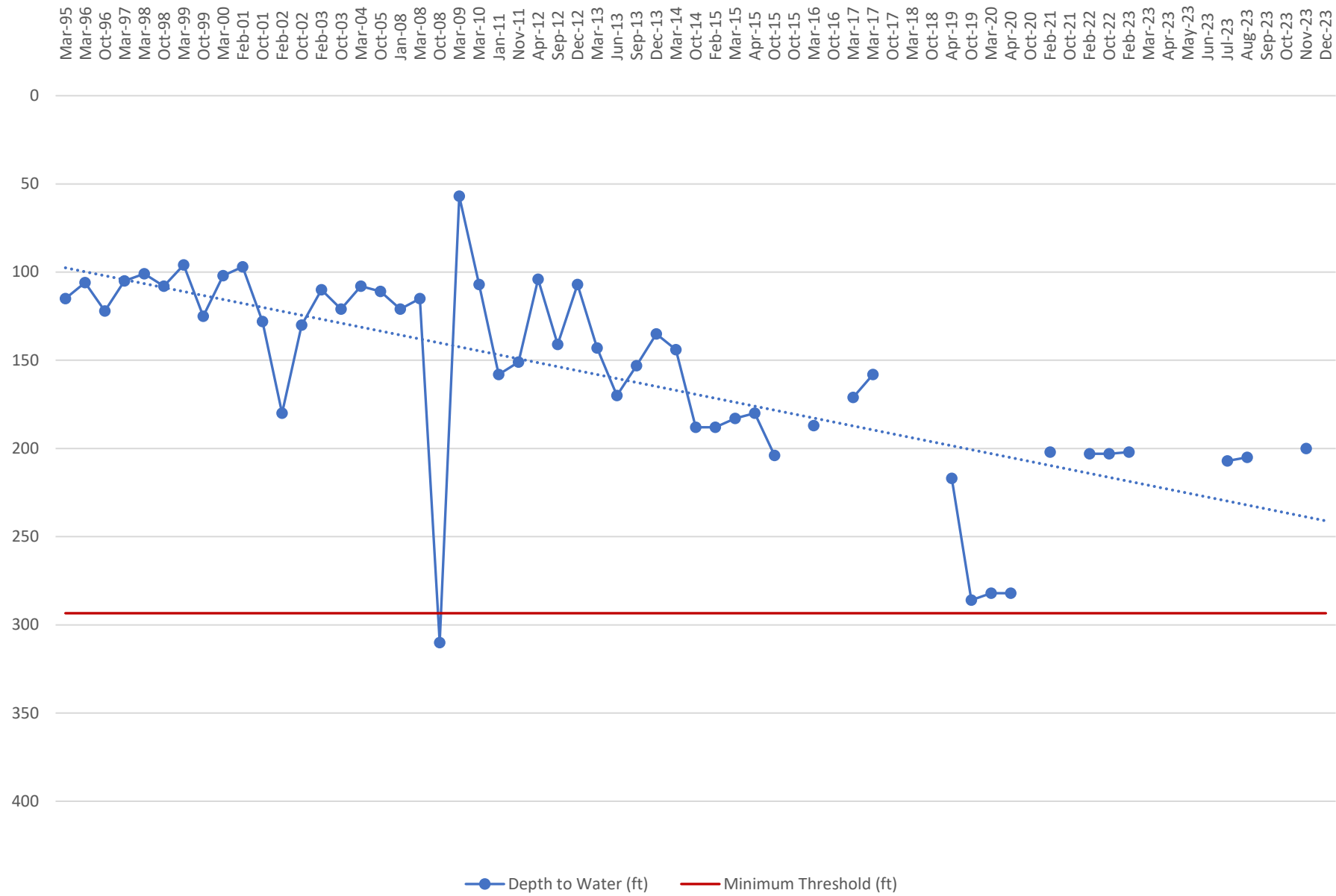


# RMW-192 31S/28E-20D

not to exceed 293.4' (depth to water)

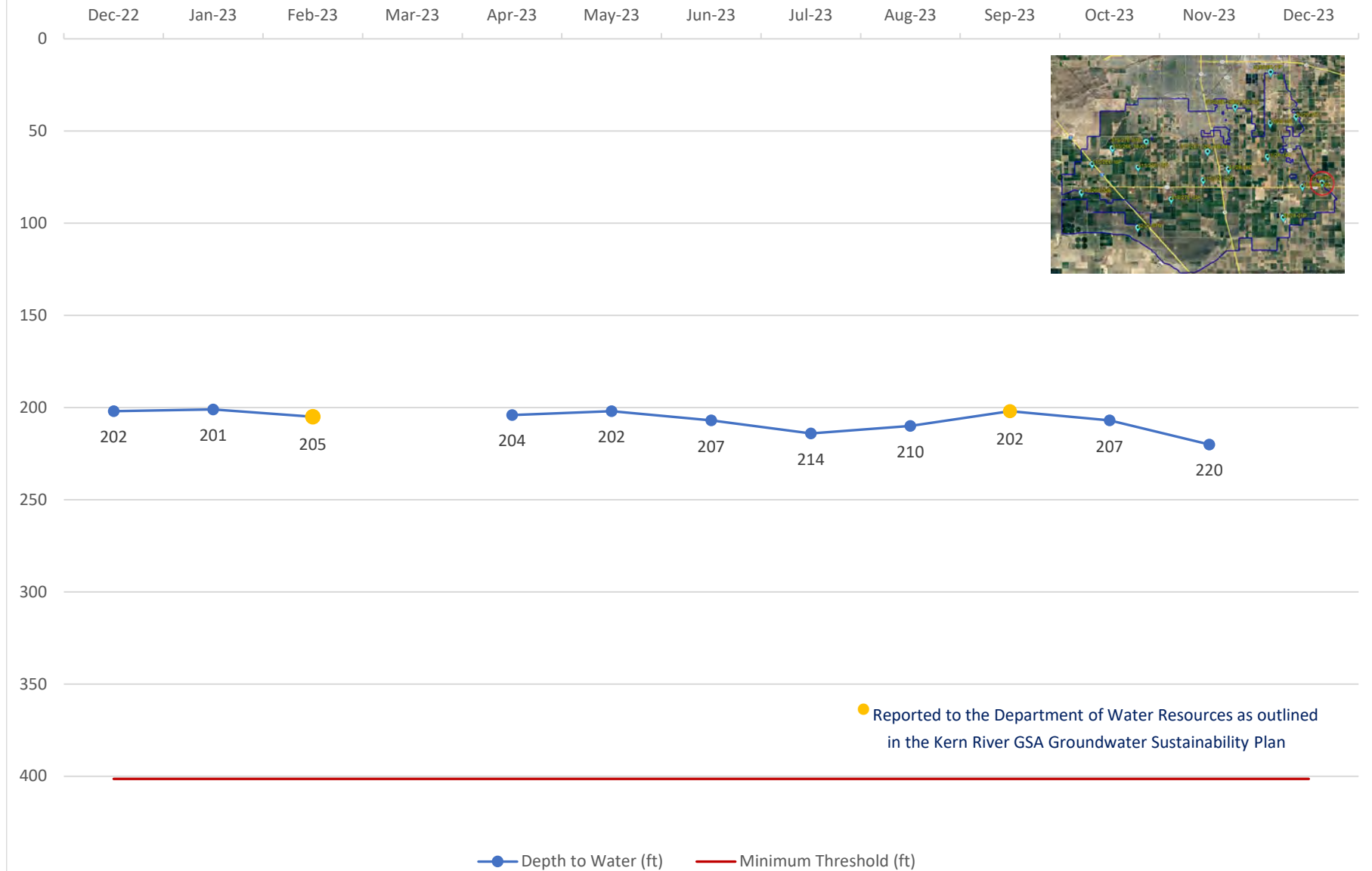


# RMW-192 Long-term



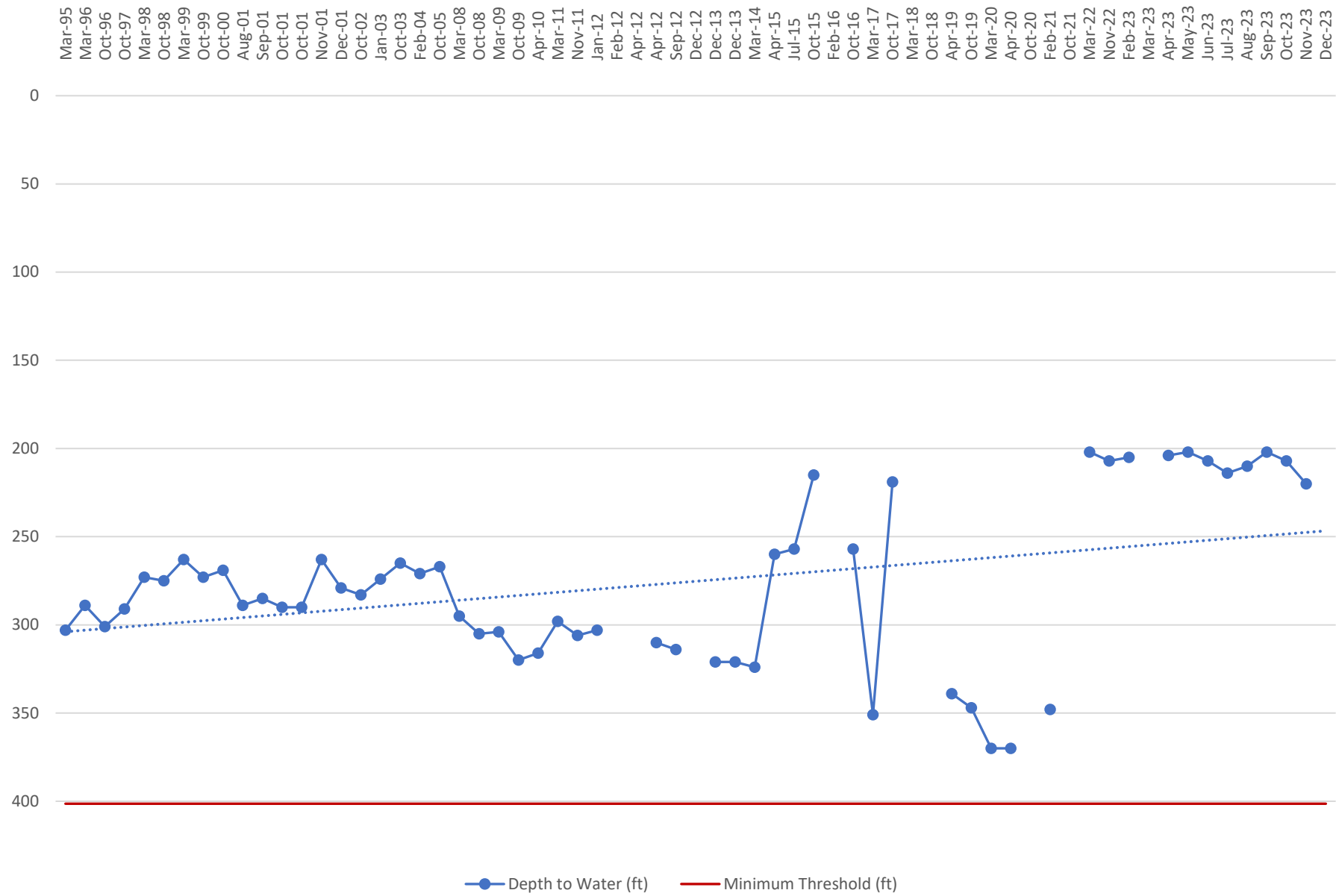
# RMW-193 31S/29E-28C

not to exceed 401.4' (depth to water)



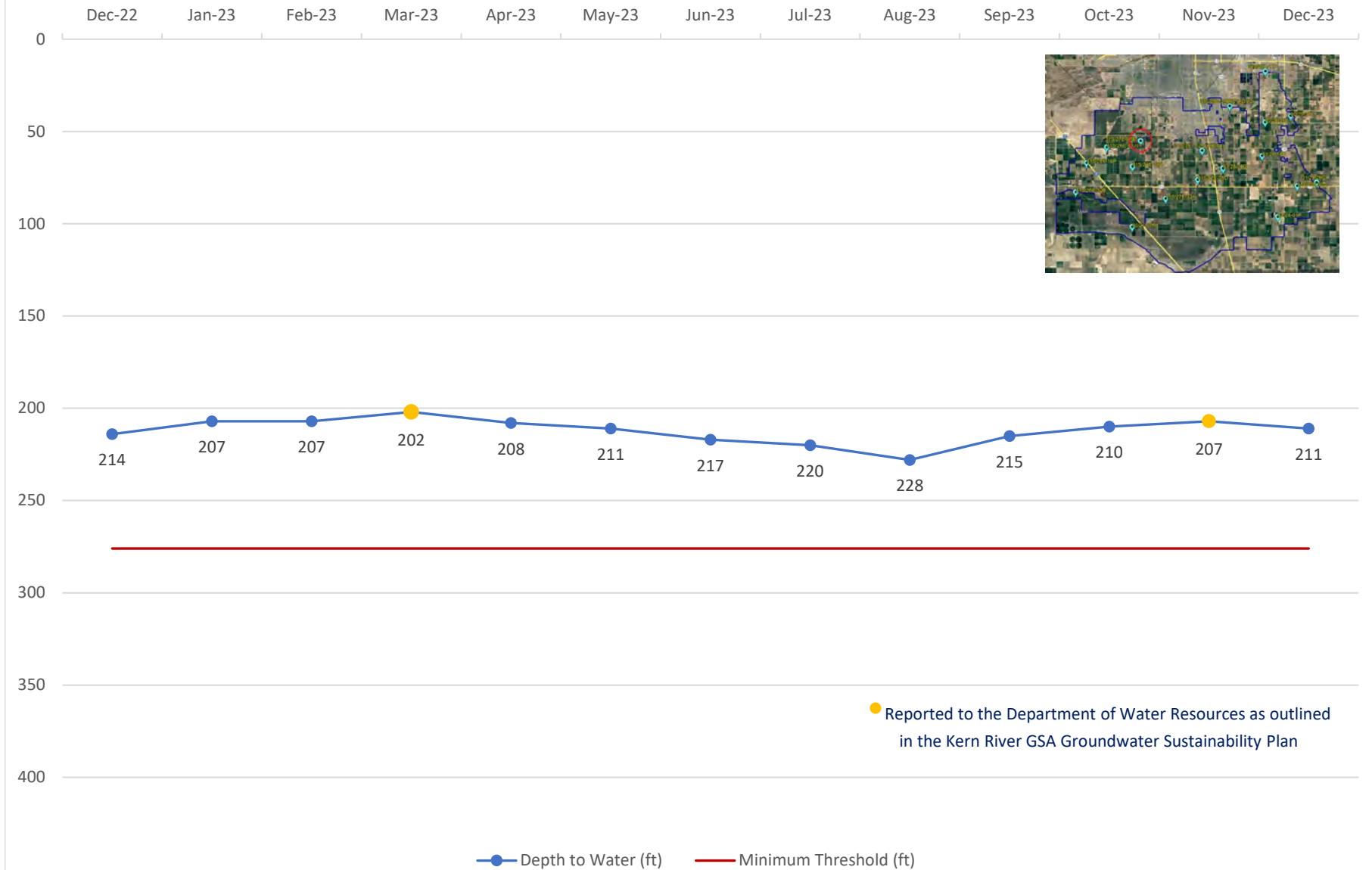


# RMW-193 Long-term

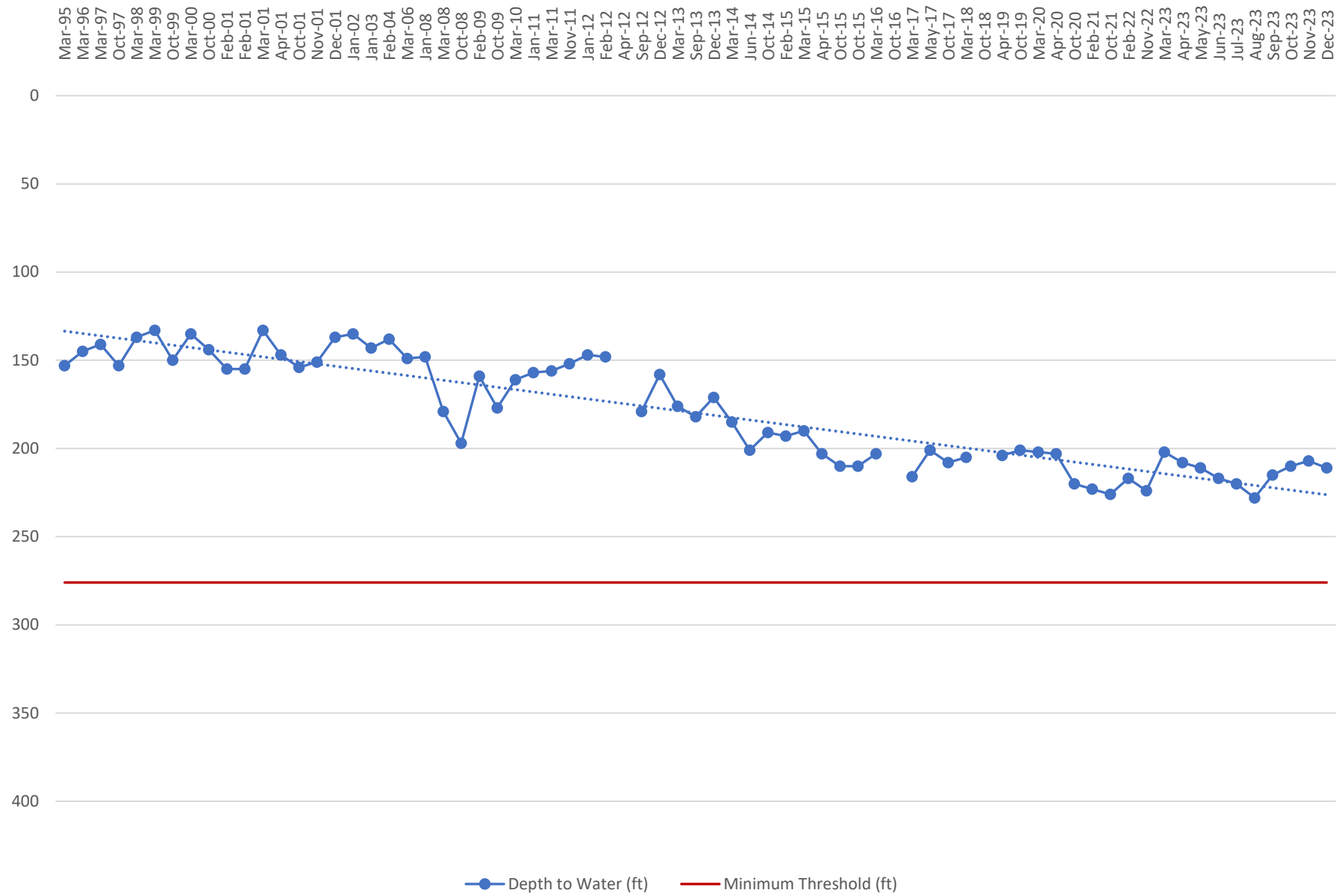


# RMW-195 31S/27E-07B

not to exceed 276' (depth to water)

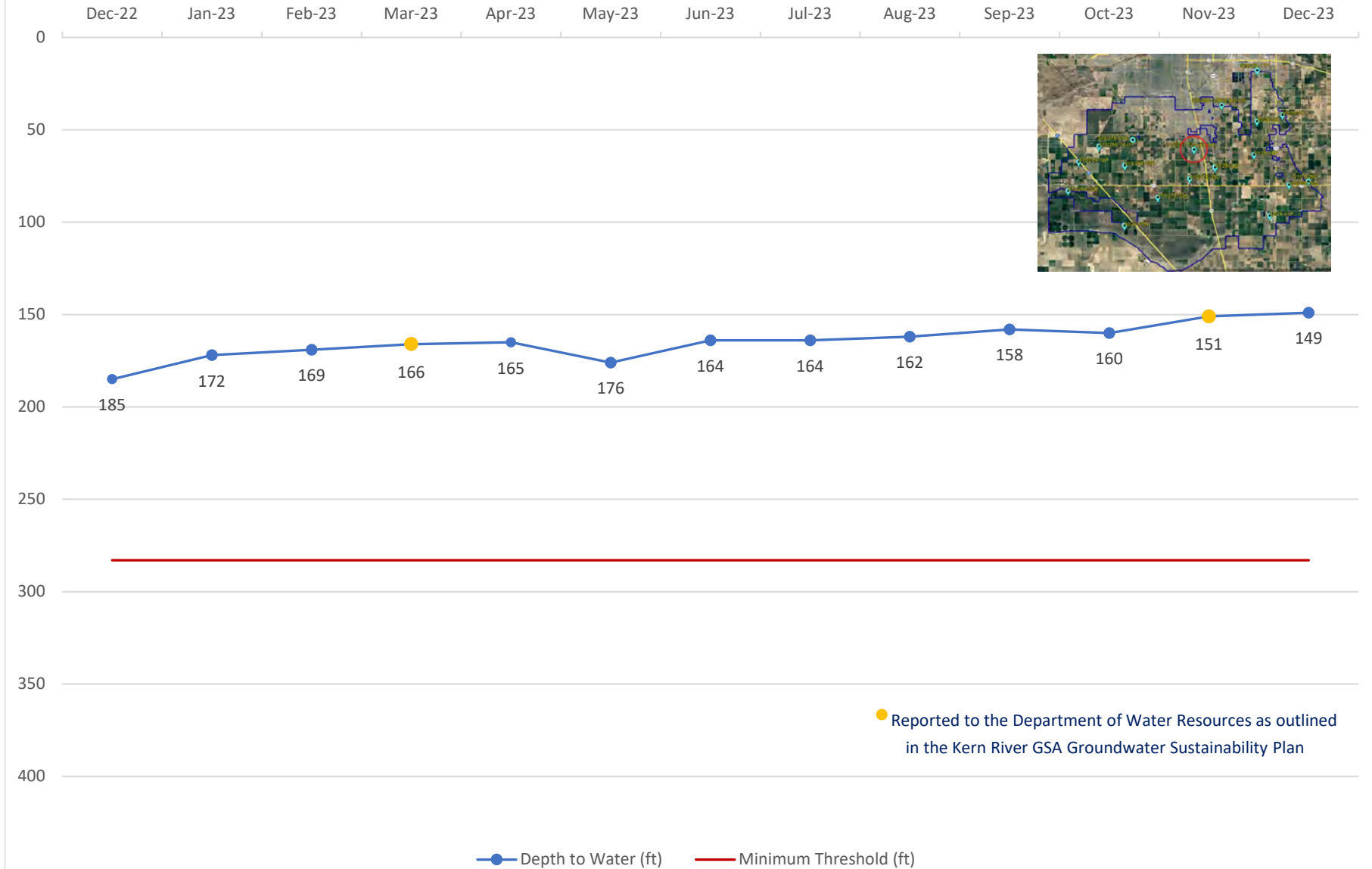


# RMW-195 Long-term

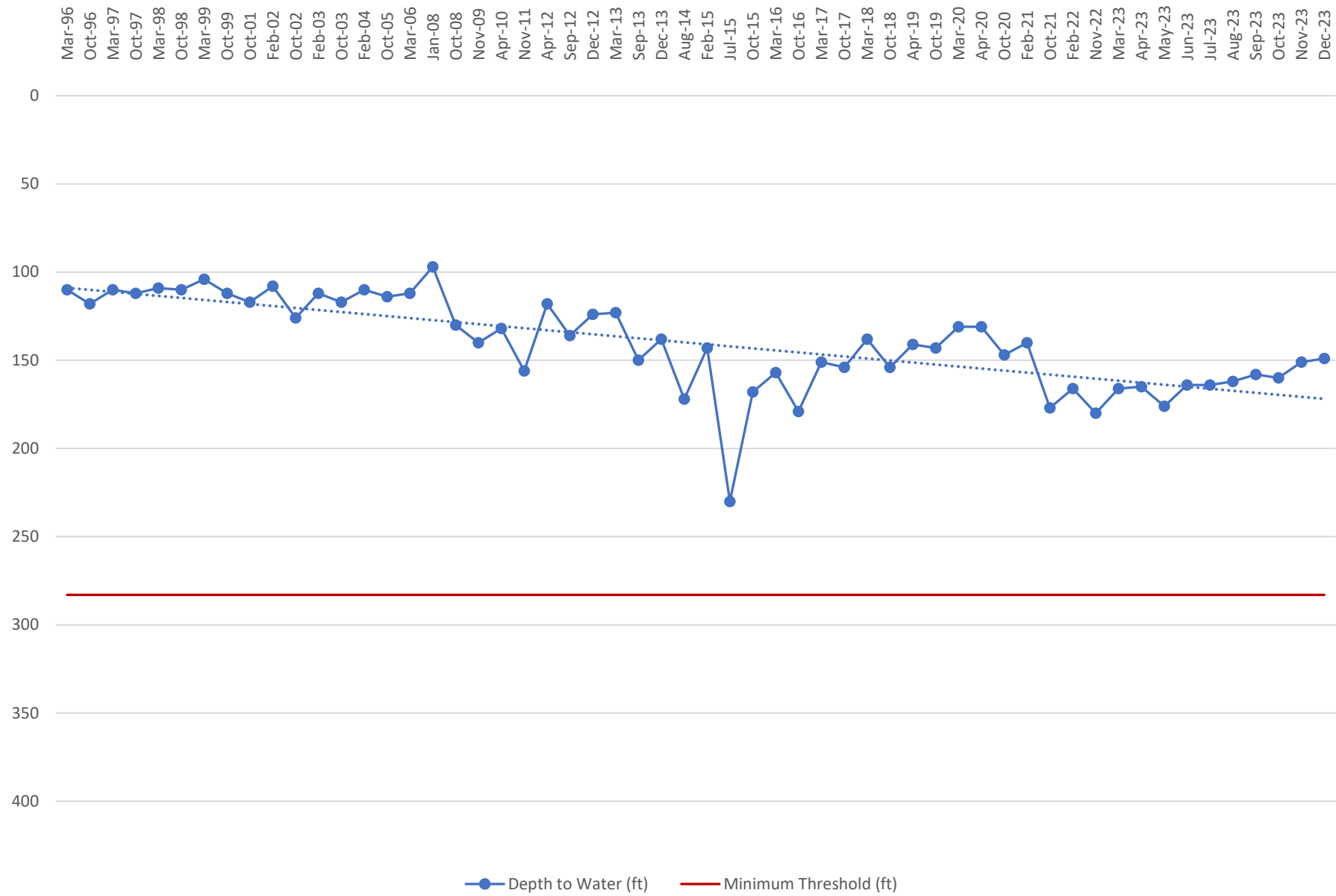


# RMW-196 31S/27E-12Q

not to exceed 283' (depth to water)

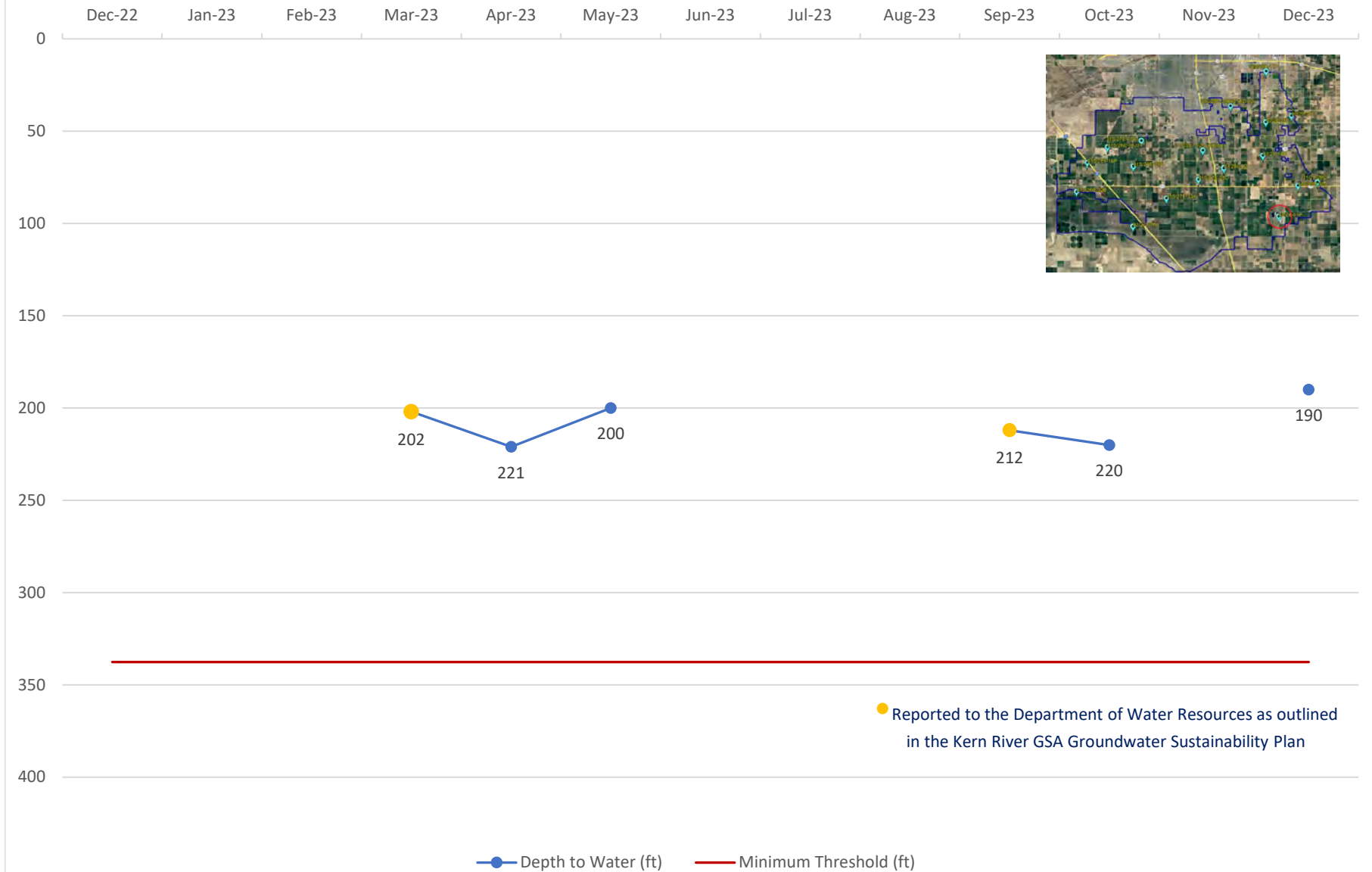


# RMW-196 Long-term

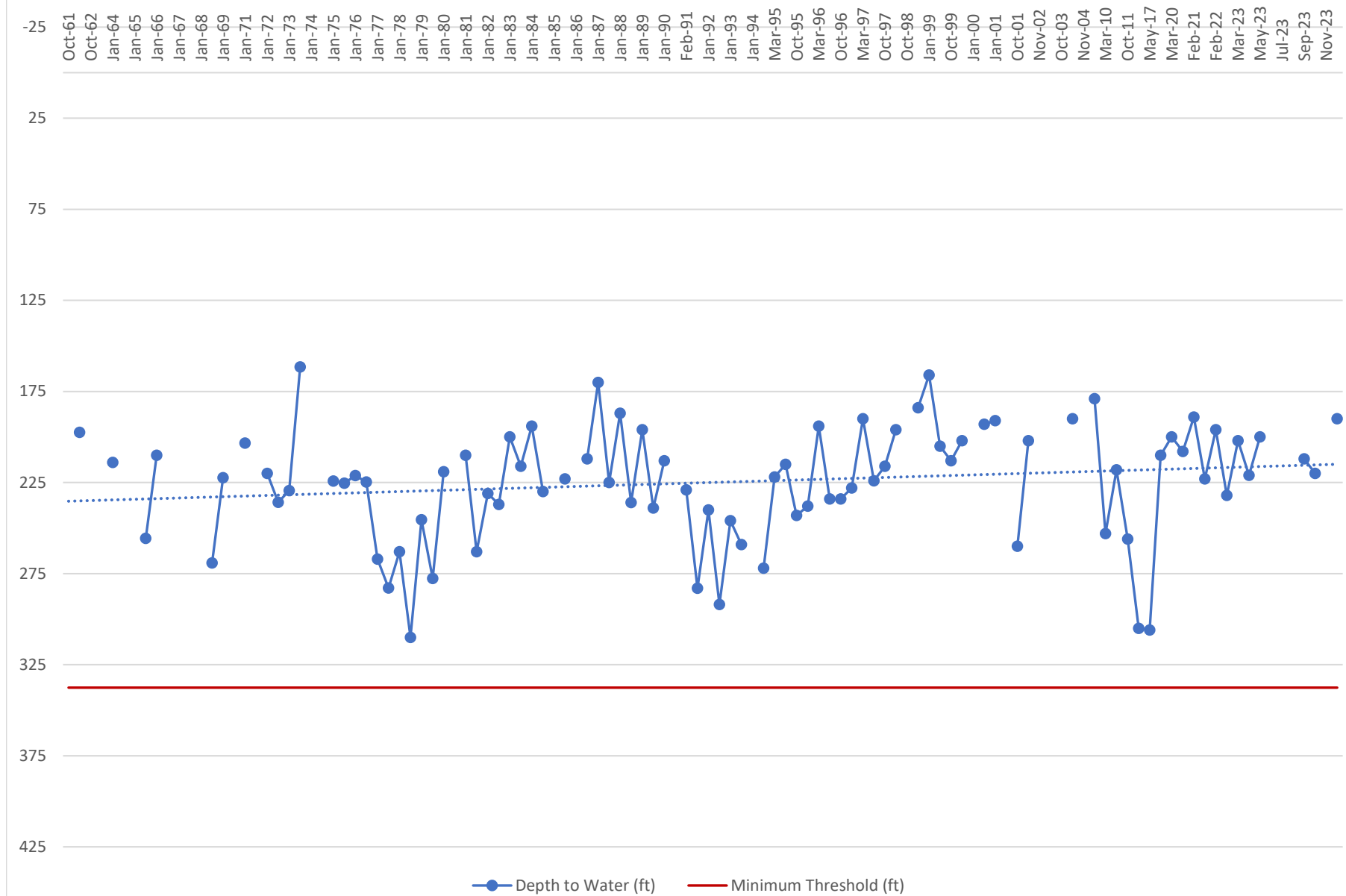


# RMW-197 32S/28E-01P

not to exceed 337.6' (depth to water)



## RMW-197 Long-term



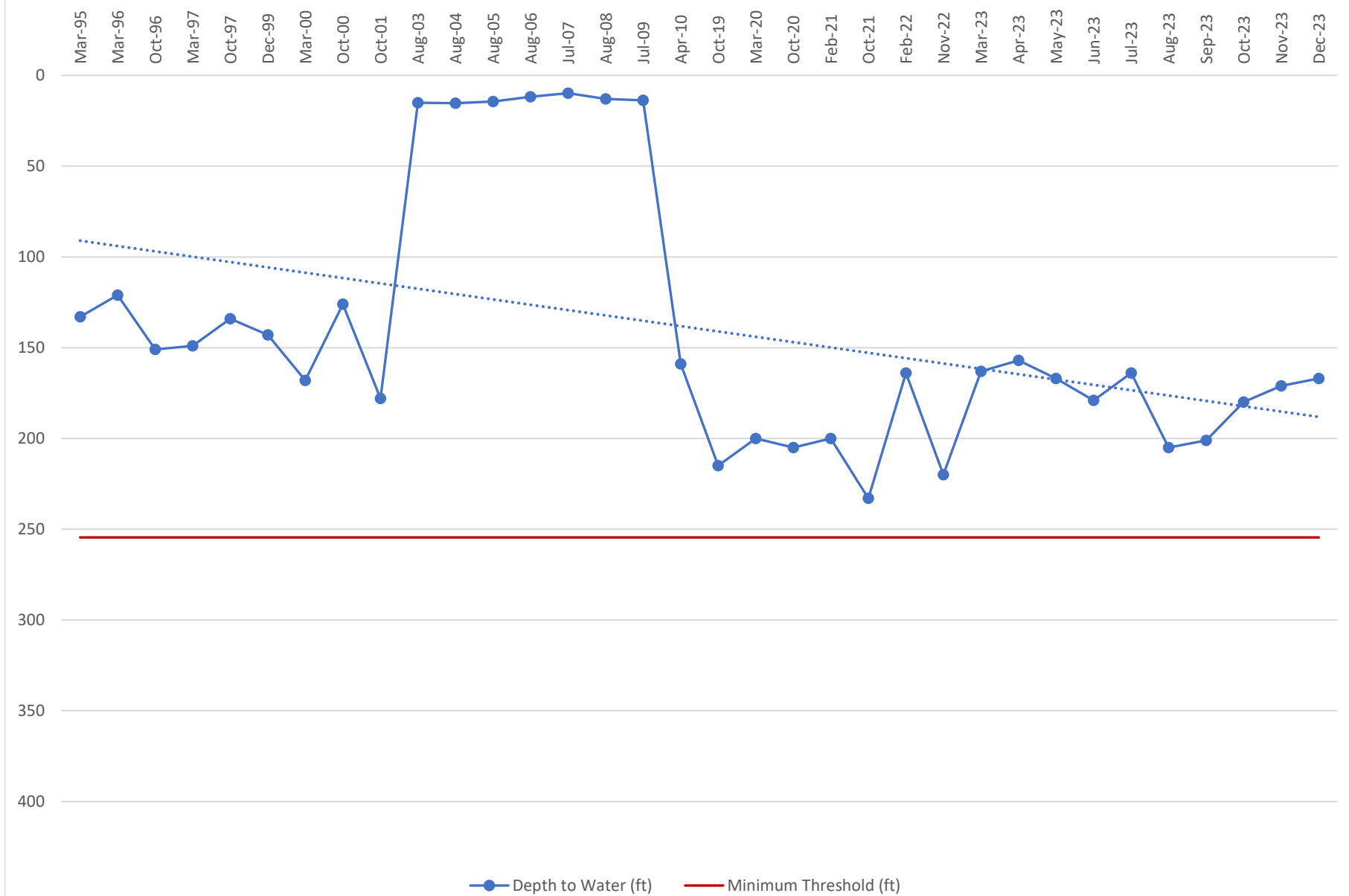


# RMW-200 32S/27E-07N

not to exceed 254.5' (depth to water)

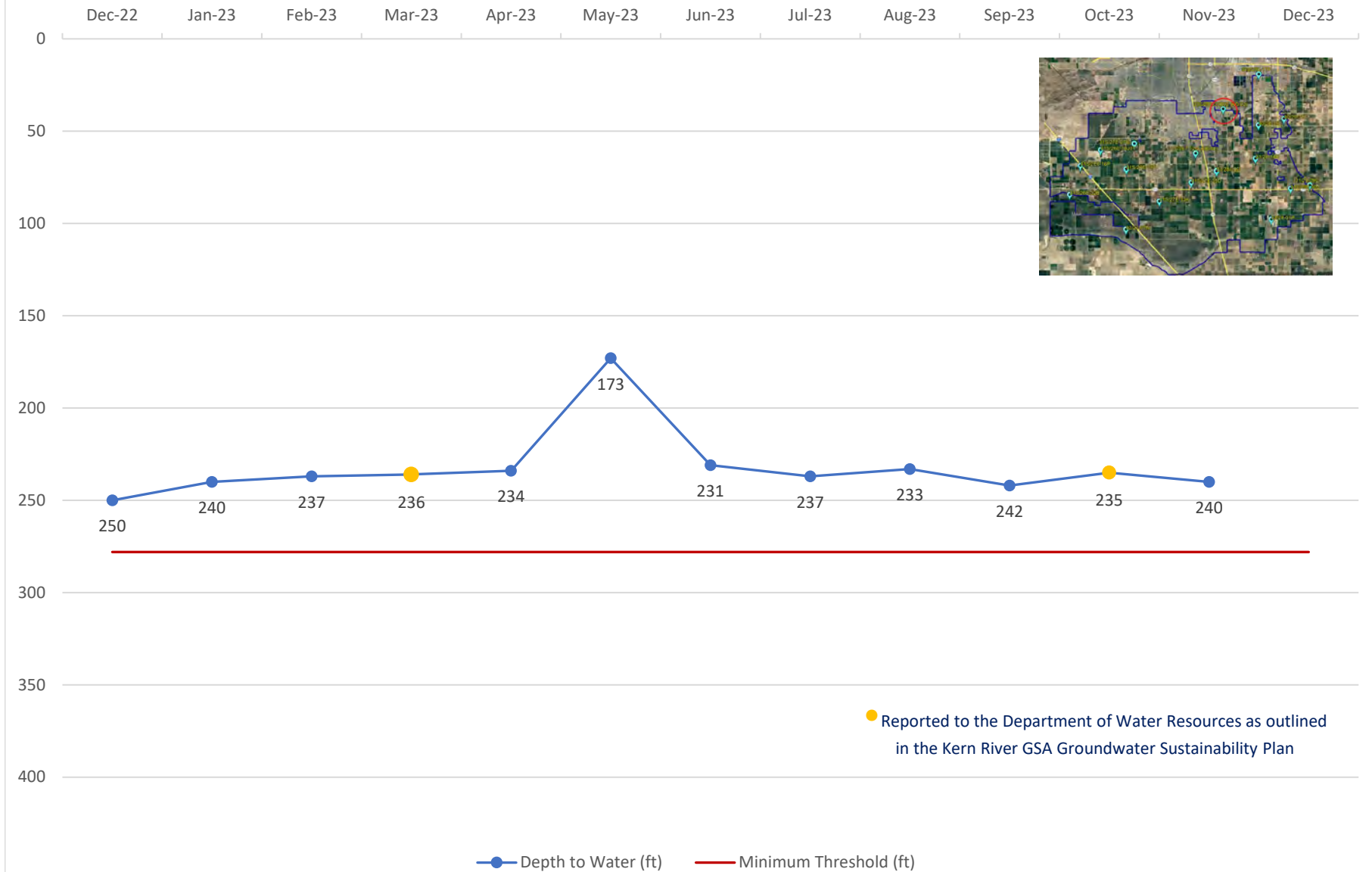


## RMW-200 Long-term

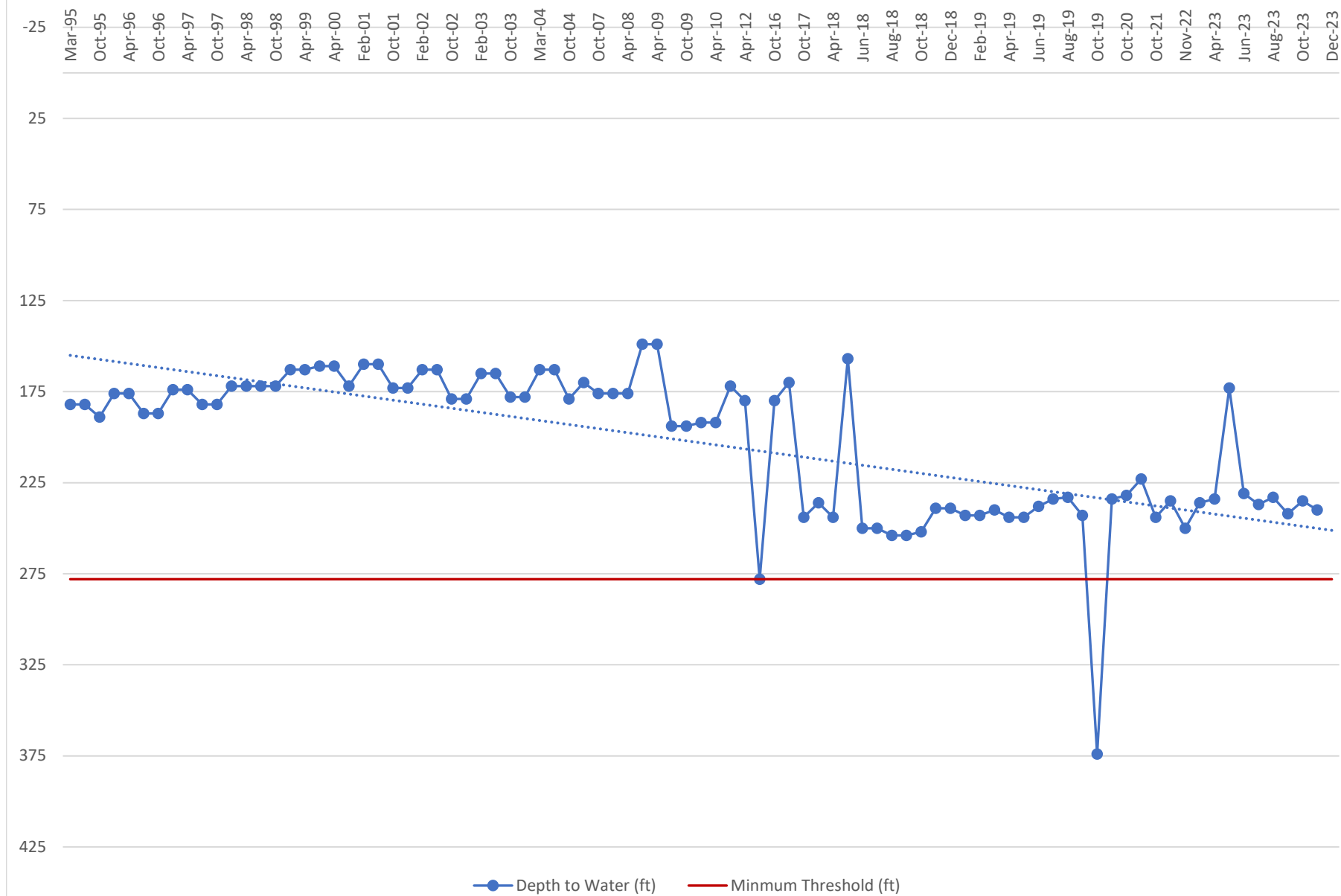


# RMW-216 30S/28E-29B

not to exceed 278' (depth to water)

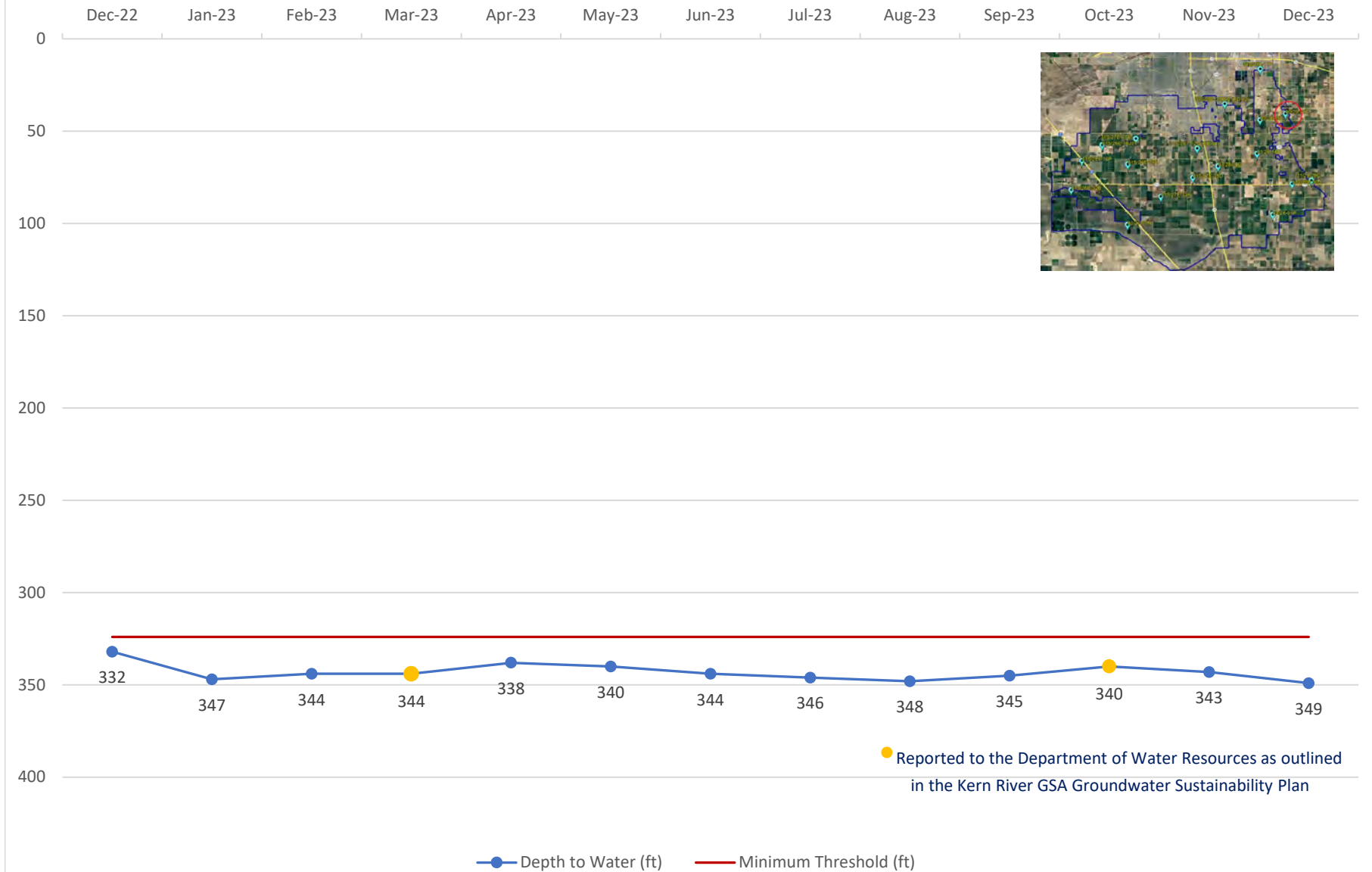


## RMW-216 Long-term

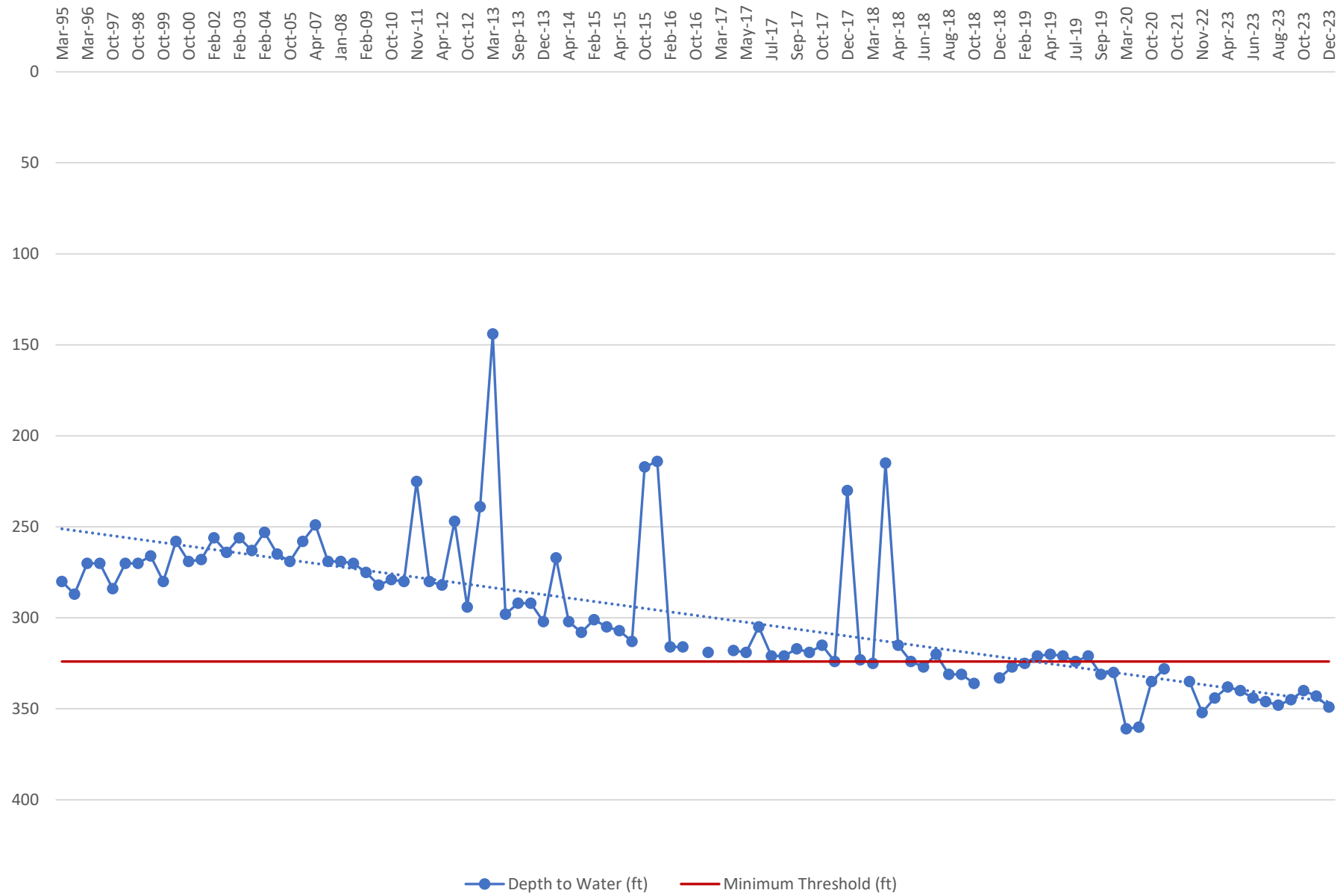


# RMW-217 30S/29E-31C

not to exceed 324' (depth to water)



# RMW-217 Long-term



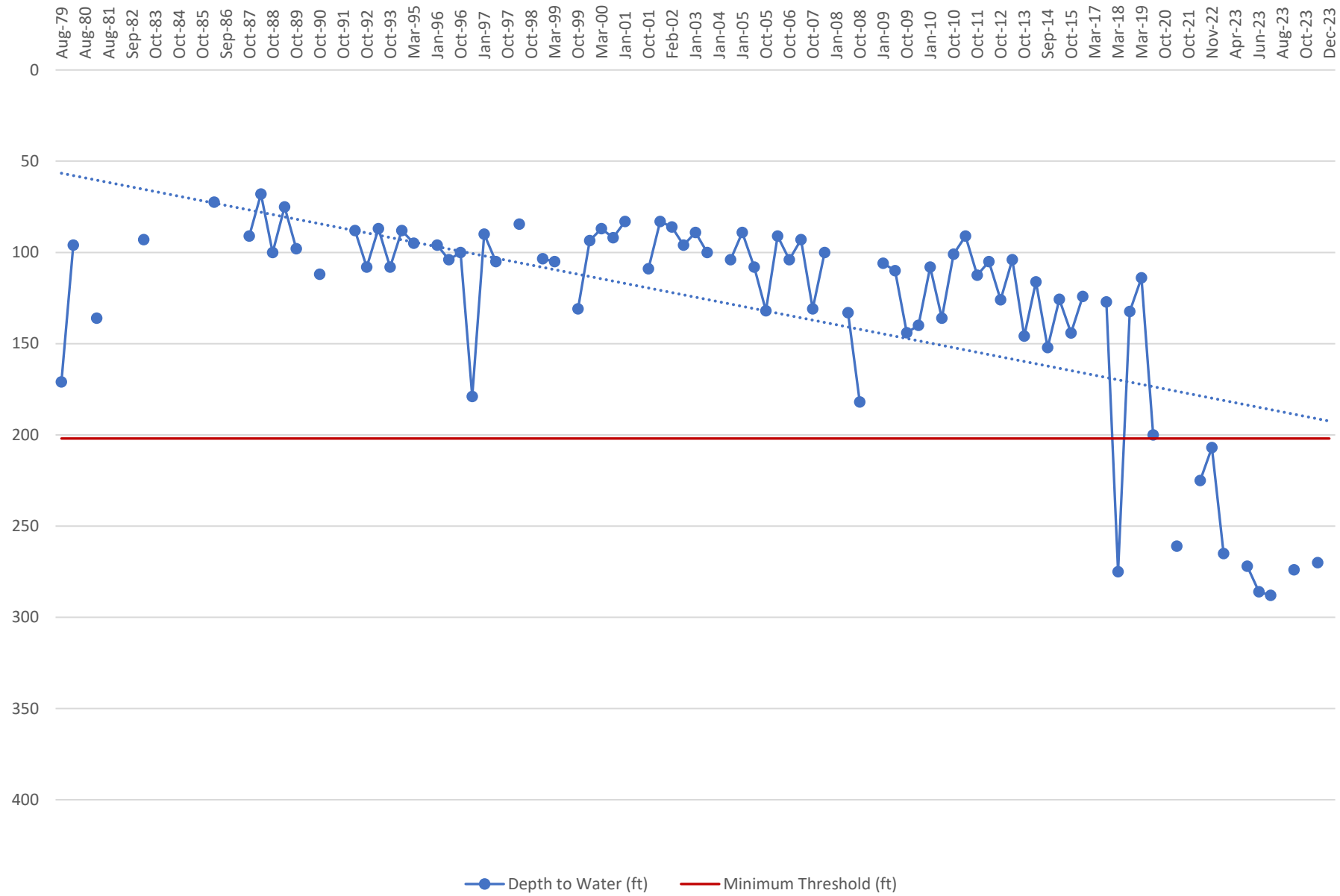
# RMW-218 31S/27E-33K

not to exceed 202' (depth to water)



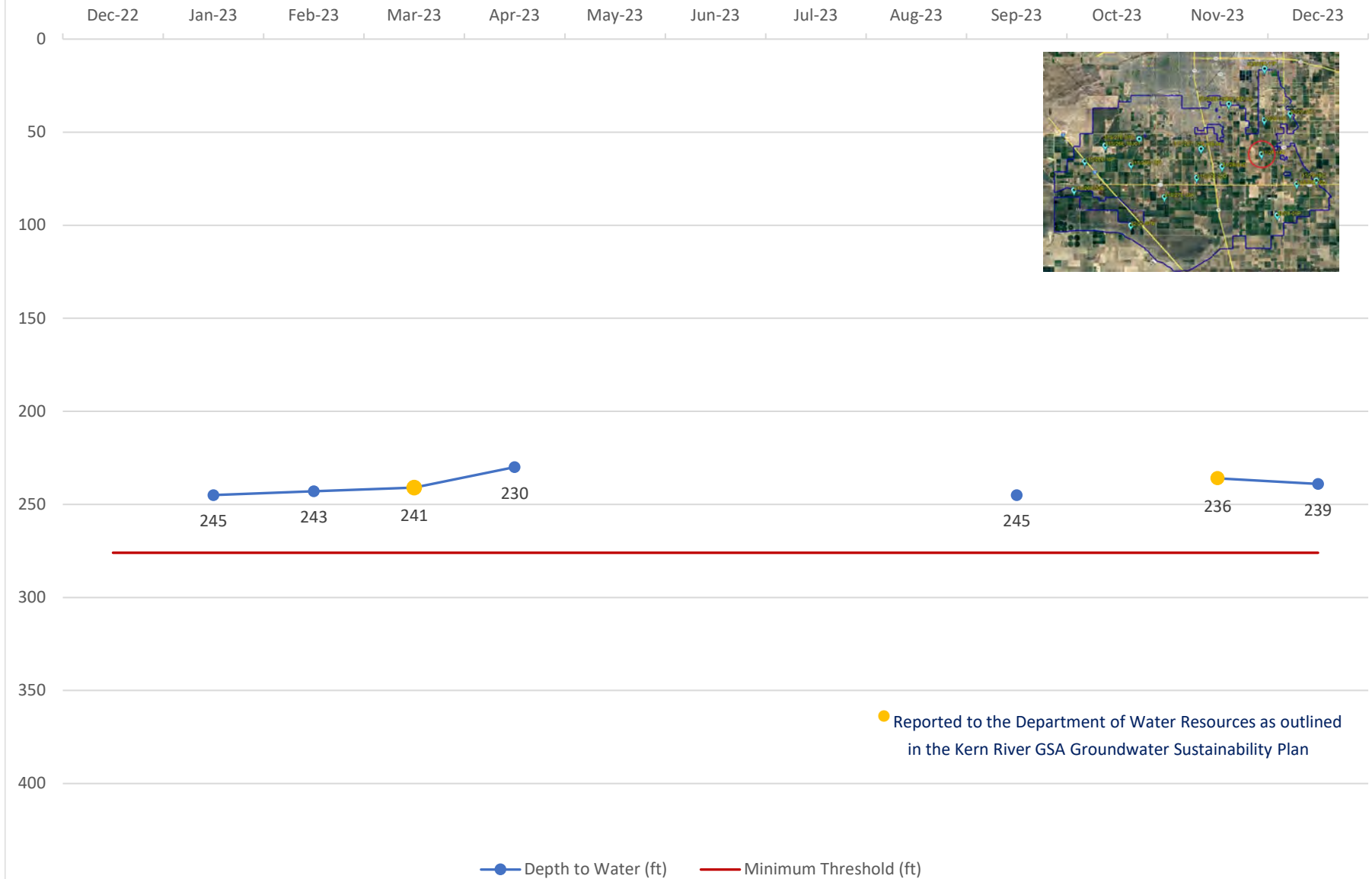


# RMW-218 Long-term

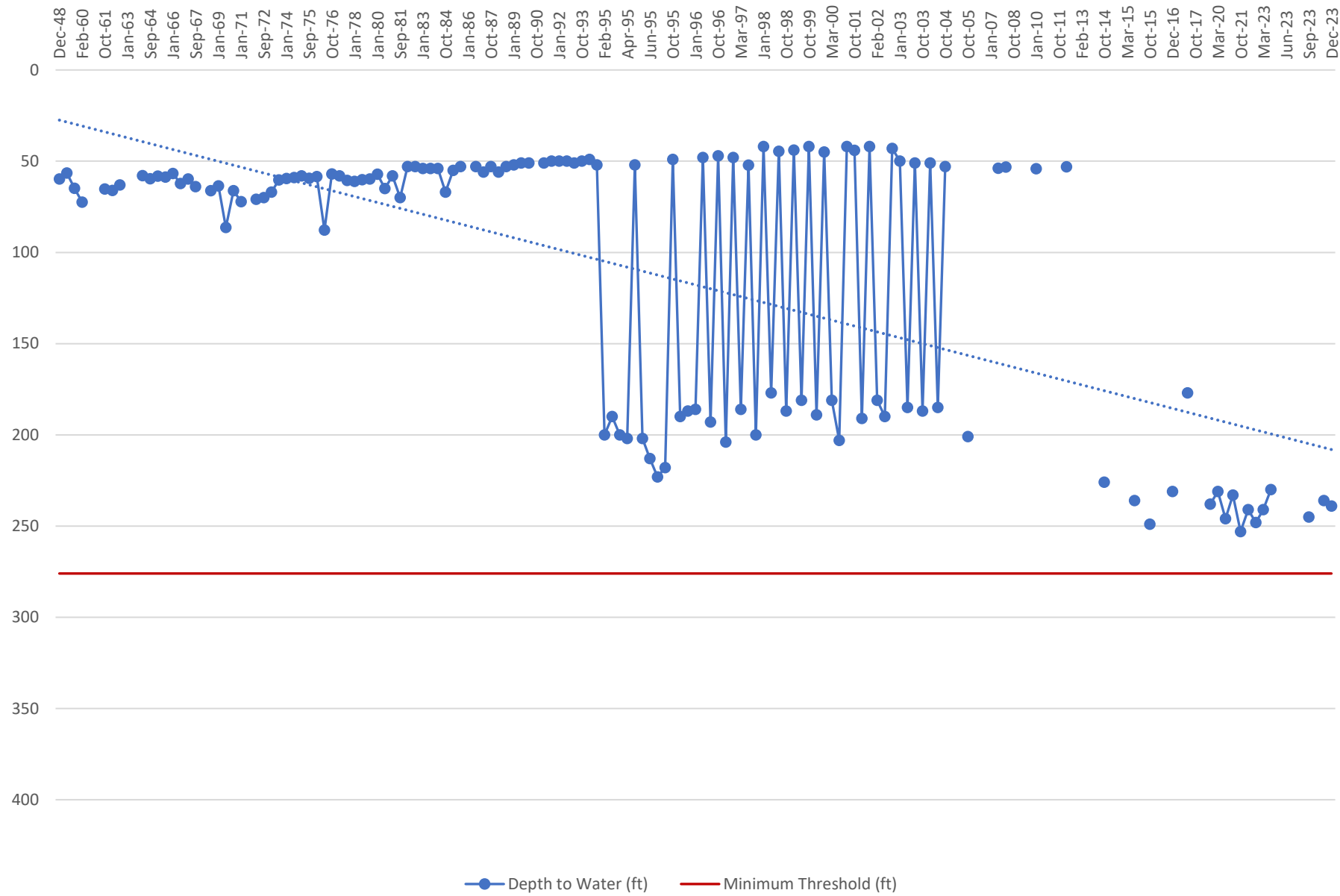


# RMW-219 31S/28E-14D

not to exceed 276' (depth to water)



# RMW-219 Long-term



# Tab VI





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: December 19, 2023

**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 November 15, 2023.
- Next meeting will be December 20, 2023.
- Update on Water Transfers, Exchanges and Purchases.
- Update on Lower River allocations.
- 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).
- ID-4 Authorization to become a GSA (related to Kern Water Bank).
- Approval of Basin Cost Sharing Agreement for GSPs.

[Kern Fan Authority:](#)

- The KFA meeting of November 22, 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 meeting of December 7, 2023 was canceled.
- Basin Coordination Committee update.

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 December 7, 2023 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.

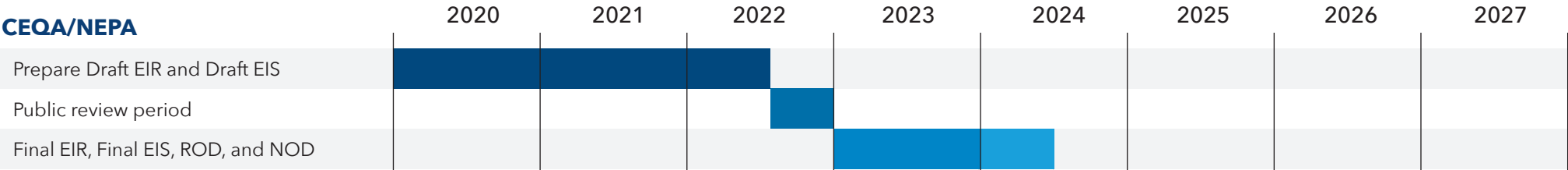
Water Association of Kern County (WAKC):

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

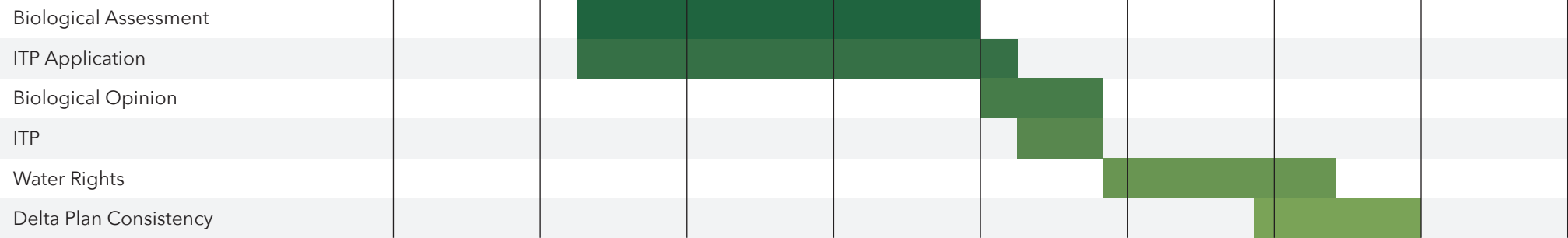
# Delta Conveyance Project Planned Schedule

Attachment 1

## CEQA/NEPA



## Other Environmental Processes



**Kern County Water Agency  
Estimated Summary of Overdraft Correction Accounts  
As of October 31, 2023**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of October 31, 2023				
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank <sup>[1]</sup> Total
Buena Vista WSD	50,601	63,070	0	63,070	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	73,213	409	73,622	2,026	24,969
Rosedale-Rio Bravo WSD	219,183	189,912	4,190	194,102	3,220	49,287
<b>Total</b>	<b>478,813</b>	<b>429,397</b>	<b>12,095</b>	<b>441,492</b>	<b>7,830</b>	<b>122,242</b>

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



**Kern County Water Agency  
Estimated Summary of Groundwater Bank Accounts  
As of October 31, 2023**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of October 31, 2023					
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank	Total
Belridge WSD	66,789	70,836	4,622	75,458	3,313	0	78,771
Berrenda Mesa WD	62,151	63,705	2,520	66,225	30,817	0	97,042
Buena Vista WSD	28,987	64,471	2,770	67,241	0	24,537	91,778
Cawelo WD	0	0	0	0	0	0	0
Dudley Ridge WD	29,334	0	0	0	0	59,156	59,156
Henry Miller WD	5,365	40,604	833	41,437	0	0	41,437
Improvement District No. 4	180,006	42,284	5,189	47,473	0	188,135	235,608
Kern County Water Agency	185,256	103,700	60,099	163,799	3,499	17,958	185,256
Kern Delta WD	23,285	45,938	0	45,938	0	0	45,938
Lost Hills WD	72,891	57,471	24,121	81,592	3,246	0	84,838
Rosedale-Rio Bravo WSD	22,391	63,737	835	64,572	0	0	64,572
Semitropic WSD	209,458	31,559	685	32,244	0	224,536	256,780
Tehachapi-Cummings CWD	5,820	0	0	0	0	5,820	5,820
Tejon-Castac WD	52,344	2,550	1,283	3,833	0	59,394	63,227
Westside Mutual Water Co.	228,577	0	0	0	0	492,191	492,191
Wheeler Ridge-Maricopa WSD	92,948	17,045	16,008	33,053	5,541	220,229	258,823
<b>Total</b>	<b>1,265,602</b>	<b>603,900</b>	<b>118,965</b>	<b>722,865</b>	<b>46,416</b>	<b>1,291,956</b>	<b>2,061,237</b>

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# 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\*

\* Denotes Action Item

- 
- 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: December 19, 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 December 12, 2023, Kern Fan groundwater recharge was approximately 1,024cfs a day, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for Kern Fan banking information through October 31, 2023.

Pioneer Participant Meeting:

- The Pioneer Project Participants meeting of December 14, 2023 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

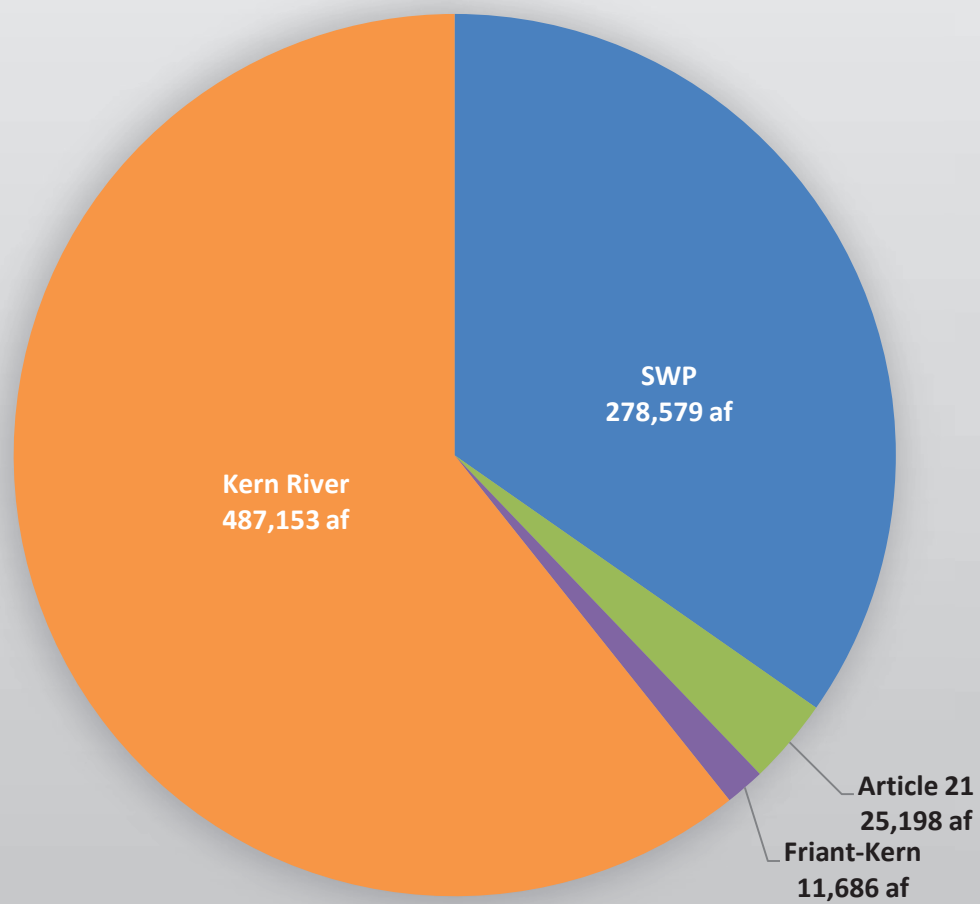
KDWD Water Banking Project:

- The District has stopped returning regulated water to MWD as of March 12th.
- The District brought in 30,000af of water from MWD primarily in July and August.
- 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.

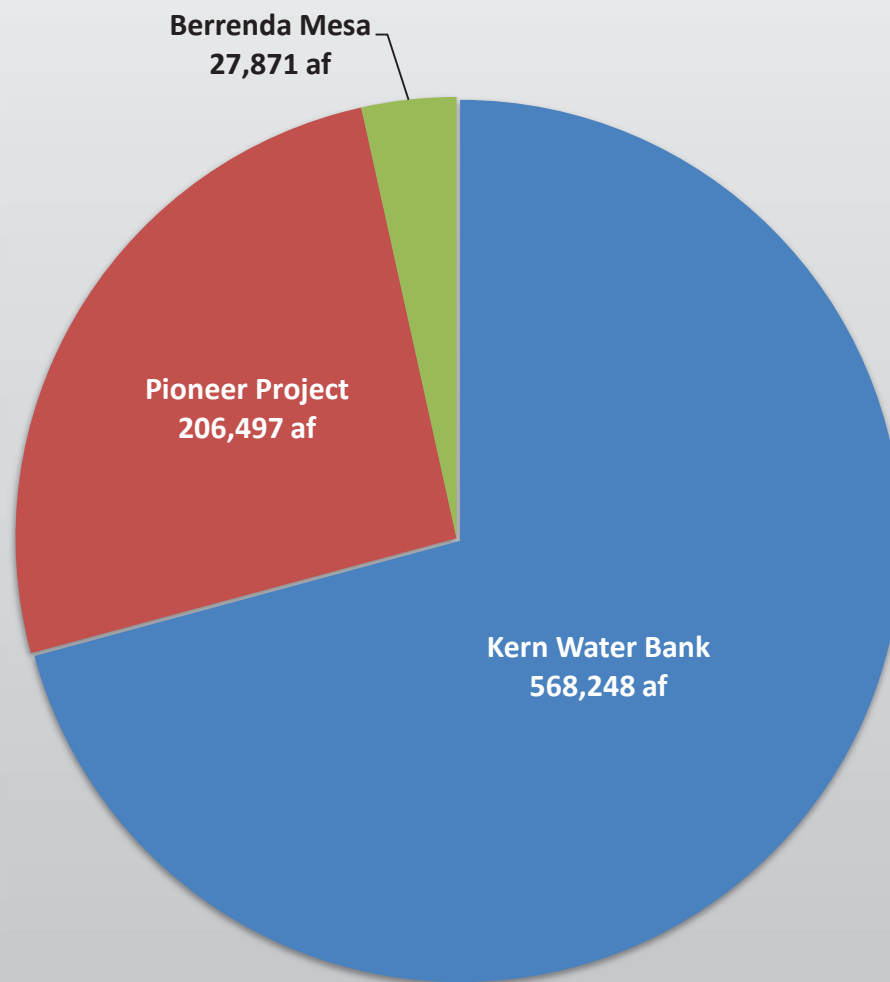
**2023 Estimated Kern Fan Banking Project Deliveries  
(by Water Type)  
Deliveries through October 31, 2023  
Total Deliveries 802,616 af**



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

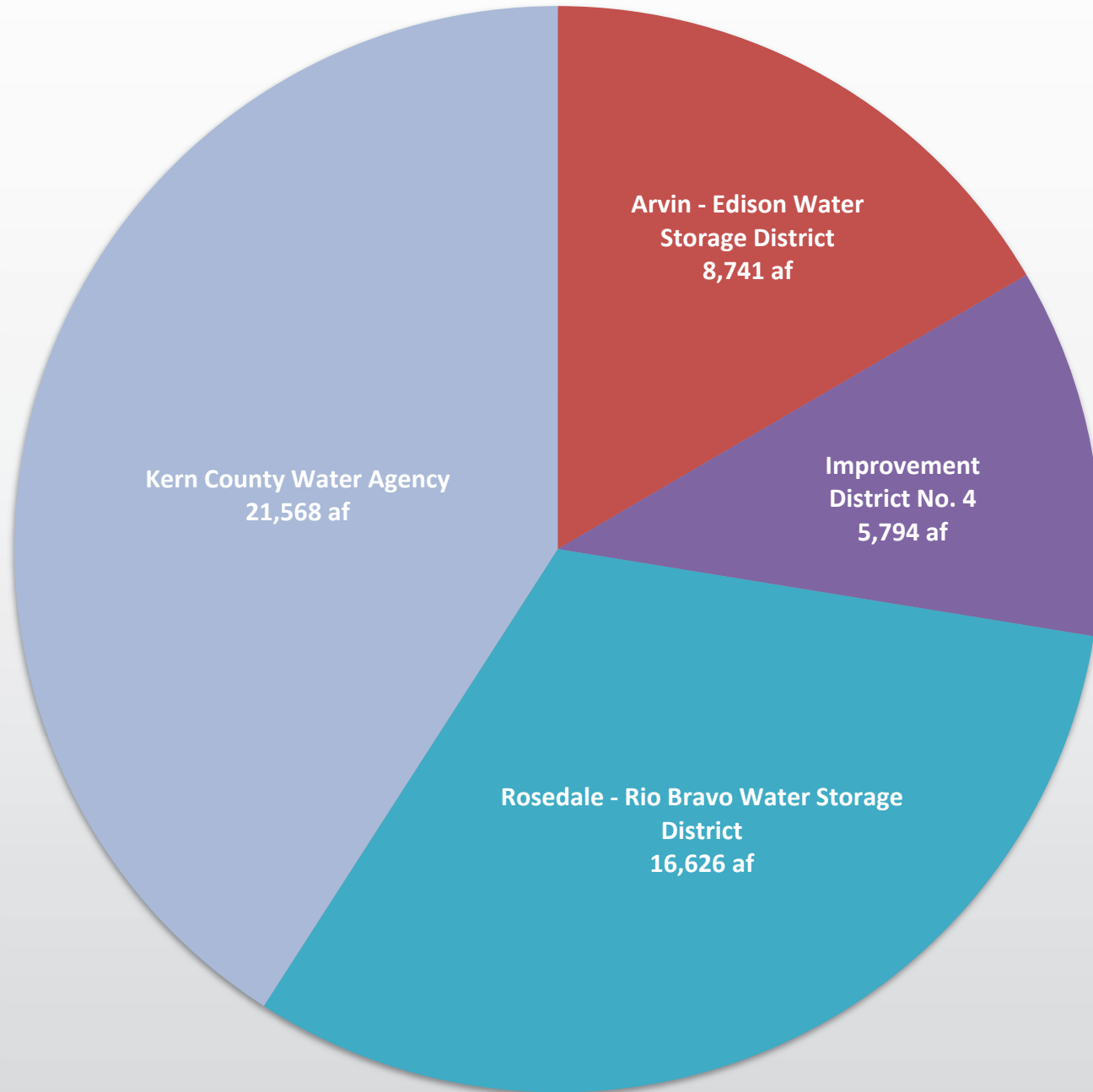
Deliveries through October 31, 2023

Total Deliveries 802,616 af



**Cross Valley Canal  
October 2023 Deliveries  
Total deliveries 52,729 af**

Attachment 2

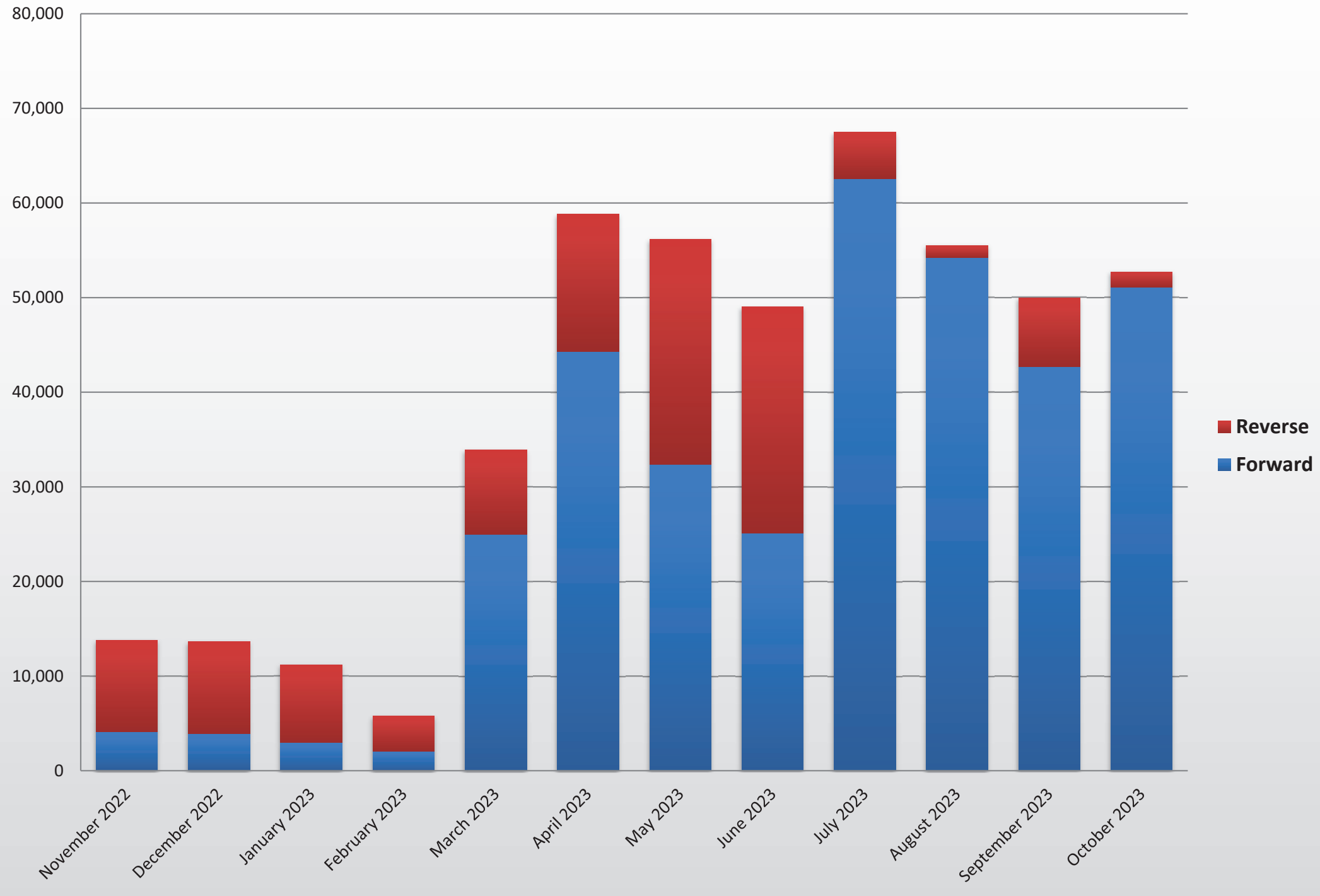




# Cross Valley Canal

## Twelve Month Delivery by Direction

Attachment 3

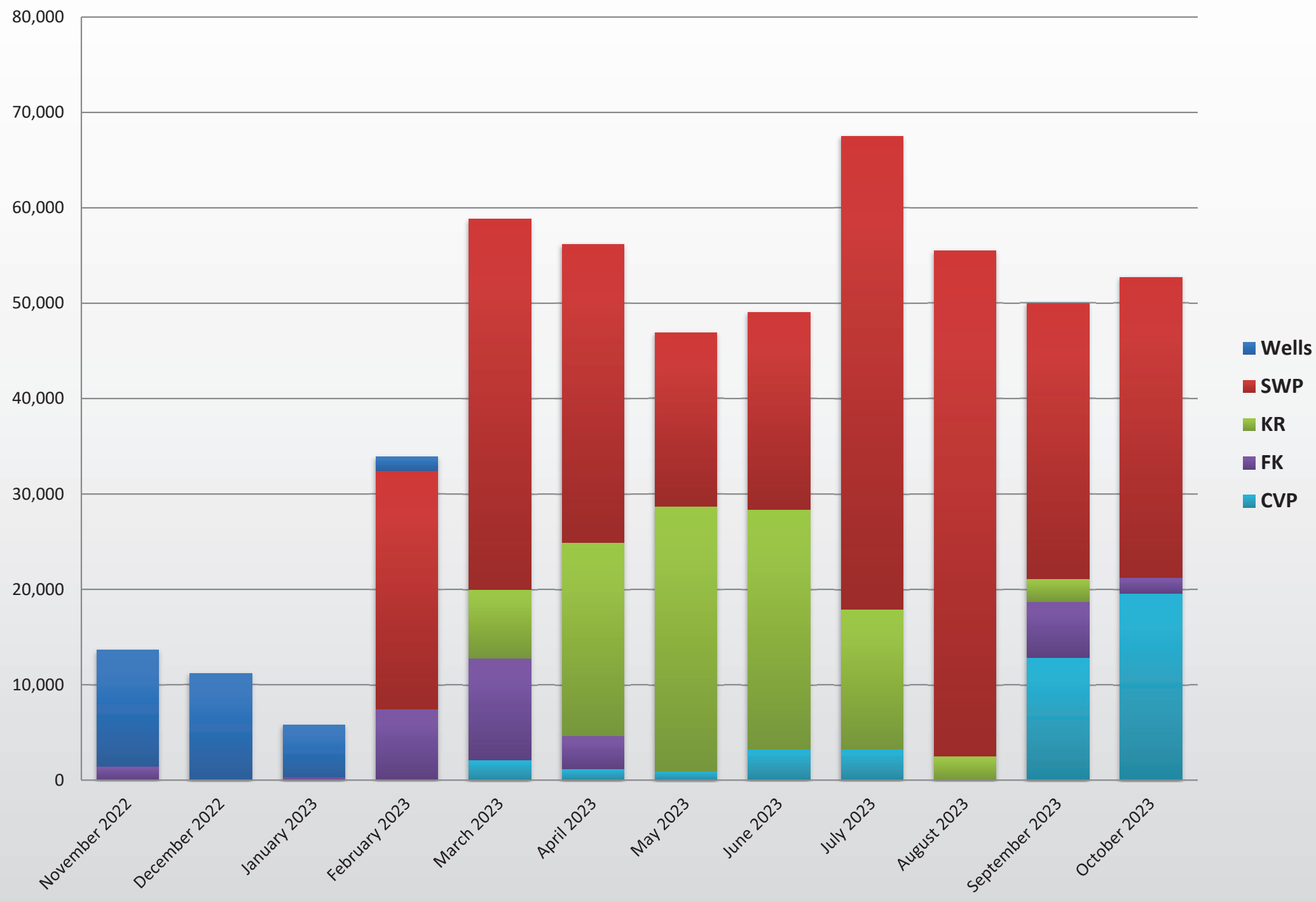


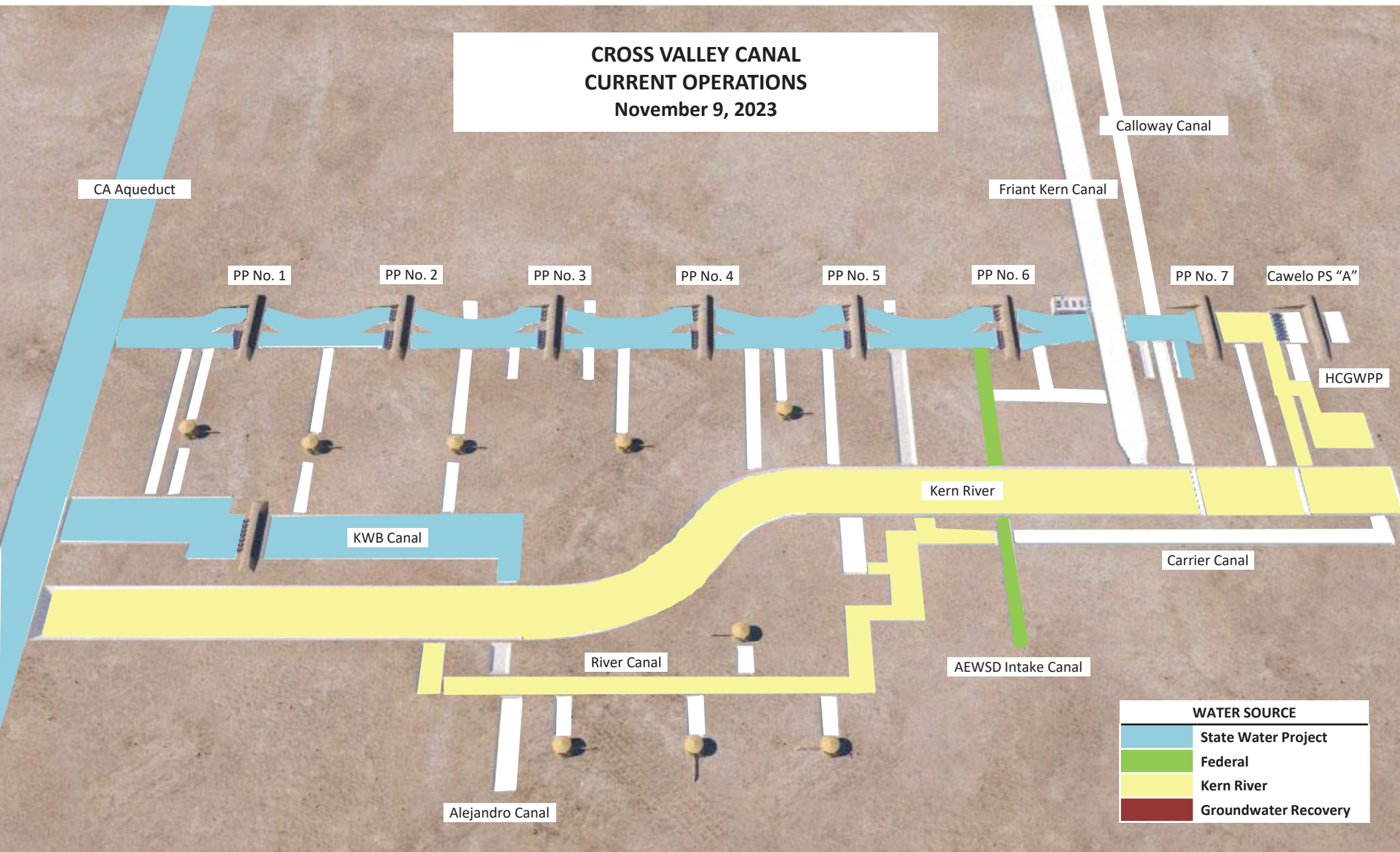


# Cross Valley Canal

## Twelve Month Delivery by Source

Attachment 3





**Cross Valley Canal**  
**Pump and Flow Configuration**  
**Last Updated on November 9, 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	Service	70	31		742	167	167	167		500	1,242
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	70	31	70	Service	742	167	167	167		500	1,242
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	Service		0	843
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	70	70	Service		711	40	193	193	90	516	1,227
Pumping Plant No. 7	Estimated Horsepower	100	250	250	250	250	100										
	Estimated Flow Rate (cfs)	31	70	70	70	70	Service				311						311