



## REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway  
Bakersfield, California

**TUESDAY, May 16, 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).
- B. Conference with Legal Counsel – Potential Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(2),(e)(1):
1. One Matter.

#### **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 April 18, 2023.
  - B. Approval of April/May District Construction and Water Banking Project(s) Disbursements.
  - C. Approval of April/May 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 – May 11, 2023.
    - i. Unaudited Final Operating Results for 2022.
    - ii. Approval of April 2023 Financial Reports.

iii. District Investment Update.

**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 – May 2, 2023.

- i. District Encroachment Permit Report.
- ii. District Facility and Banking Maintenance Report.
- iii. Pending Development Projects.
- iv. Old River & Sunset Groundwater Banking Projects Update.

B. Approval of Contract Change Order No. 1 for the Old River Basins Grading Project, adding Sixteen (16) Additional Calendar Days and \$19,564.74 for a revised completion date of May 13, 2023 and a revised not to exceed amount of \$1,147,628.22.

C. Approval of Contract 2023-05 with Sierra Hydrographics for Remote Flow Monitoring at Seven (7) Locations on the Kern Island and Eastside Canals, in an amount not to exceed \$555,315.54.

**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 – 100%.
- ii. Kern River Runoff Forecast February B120 – 424% A-J.
- iv. 2023 Water Management.

B. Kern River Watermaster Report.

- i. Isabella Dam Safety Remediation 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. 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.)

A. VAWC Legislative Update.

B. 2023 District Election Update.

**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: May 16, 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 April 18, 2023 (attached).

**II B.** Approval of April/May District Construction and Water Banking Project(s) Disbursements totaling \$5,376.91\* (attached), partially recommended for approval by the Operations and Projects Committee (*see May 2, 2023 Operations and Projects Committee Minutes for additional detail*).

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

*\*The total includes disbursements approved by the Operations and Projects Committee (\$5,071.59) and an additional amount (\$305.32) for invoices which came in after May 2, 2023 and were subsequently recommended for approval by the Business and Finance Committee on May 11, 2023).*



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

April 18, 2023

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### **TUESDAY, April 18, 2023, 12:02PM– 3:31PM**

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

DIRECTORS ABSENT:

STAFF PRESENT: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, General Counsel Iger, Controller Duncan, Hydrographer Hyatt, Groundwater Manager Marquez, and Administrative Assistant Rodriguez.

OTHERS PRESENT:

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

Vice President Mendonca called to order the Closed Session of the Kern Delta Board of Directors at 12:02PM 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.

B. Conference with Legal Counsel – Potential Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(2),(e)(1):

1. Three Matters.

C. Public Employee Performance Evaluation – Closed Session Pursuant to Gov. Code § 54957(b)(1)/54957.6:

1. General Manager
2. General Counsel

*\*Note: President Palla joined the meeting at 12:17PM.*

Closed Session concluded at 1:25PM.

## **REGULAR SESSION DECLARED AT 1:30PM**

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 1:30PM.

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

Item A: No reportable action.

Item B: No reportable action.

Item C: Staff was given direction.

## **INTRODUCTION OF GUESTS AND PUBLIC**

None.

### **I. PUBLIC COMMENT**

None.

### **II. CONSENT CALENDAR**

M/S/C (Borba/Kaiser) (yes-9, no-0): By unanimous vote the Board approved and authorized items II A through II C of the Consent Calendar.

A. Approval of Minutes from the Regular Board Meeting of March 21, 2023.

B. Approval of the March/April District Construction and Water Banking Project(s) Disbursements.

C. Approval of the March/April District Disbursements.

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

A. Business & Finance Committee Report(s) – April 13, 2023: District Controller Duncan provided a report from the April Business & Finance Committee Meeting.

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

M/S/C (Antongiovanni/Tillema) (yes-9, no-0): By unanimous vote the Board approved the March 2023 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

B. 2023 COLA Review and Recommendation (Recommended by the Business and Finance Committee): Staff provided an overview of a memorandum included in the Board packet which provided information regarding the recent trend associated with CPI growth over the last year as of February 2023. After review of the relevant information, the Business and Finance Committee recommended the Board approve a 3.5% COLA to the District Salary Schedule effective May 1, 2023. Both the existing and revised Salary Schedules were included as attachments to the memorandum.

M/S/C (Spitzer/Fanucchi) (yes-9, no-0): By unanimous vote, the Board approved a 3.5% COLA to the District Salary Schedule effective May 1, 2023.

#### **IV. OPERATIONS AND PROJECTS**

A. - A(i-iv). Operations and Projects Committee – April 4, 2023 - Canceled: Assistant General Manager Bellue briefly reported on several items. Mr. Bellue's update included District maintenance activities, recent encroachment permit requests, pending development projects impacting District facilities, and a status update related to the Old River and Sunset Groundwater Banking projects. Staff highlighted the continuation of surveying work on the Eastside Canal being done to support the hydraulic analysis of the Eastside Canal.

With respect to the Old River Groundwater Banking Project staff updated the Board that direction had been given to the contractor to take steps to expedite the completion of the project to maximize the recharge of available water as soon as possible. As a result, staff will be bringing a change order to the Board at a future date related to this direction.

#### **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 March and early April. Approximately 12,686 acre-feet of water was diverted in District during March. Staff also provided information related to current precipitation totals and future forecasts. It was also noted that the SWP allocation increased to 75%. The April through July Kern River runoff forecast, as provided in the Department of Water Resources B120 report, was 429% (371% for the Water Year).

B. - B(i). Kern River Watermaster Report: The April Kern River Watermaster Report and Isabella construction update, provided by the Army Corps of Engineers, was included in the Board packet. In addition, Mark Mulkay, the Kern River Watermaster provided a brief verbal update.

C. District Groundwater Manager Report: Groundwater Manager Marquez provided graphical information regarding depth to groundwater at various monitoring locations throughout the District.

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

A. – A(i-ii). General Manager Teglia provided a brief verbal report regarding local SGMA efforts to respond to the inadequate designation placed on the Kern Subbasin by DWR. Efforts include the appointment of a new basin Plan Manager and the establishment of a Technical Working Group, which includes the various technical consultants working on the 6 GSPs. In addition, Teglia provided comment regarding the April 4, 2023 SWRCB meeting where a SGMA update presentation was provided by DWR and SWRCB staff. In addition, Teglia provided the Board with information regarding upcoming Water Education Foundation Tours.

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 (including the status of the Delta Conveyance Project and Contract Extension), 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. Mr. Teglia also conveyed that MWD has requested the District take delivery of MWD water supplies in 2023. However, at this time, due to the historic runoff of the Kern River, the District has informed MWD that we are not able to receive that water at this time and will work with MWD as the year unfolds.

**VII. ATTORNEY'S REPORT**

A. - A(i). Legislative Update: Mr. Iger provided the Board with a brief legislative update, including a reference to the VAWC Legislative Update which was included in the Board packet.

**VIII. BOARD MEMBER COMMENTS**

**IX. ADJOURNMENT:**

There being no further business, President Palla adjourned the meeting at approximately 3:31PM.

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, May 2, 2023**

| #            | PAYEE            |                | AMOUNT          | CHECK |
|--------------|------------------|----------------|-----------------|-------|
| 1            | DANIELS TIRE     | Repairs #402   | 347.90          | 3613  |
| 2            | PGE - AE4        | Well Utilities | 181.04          | 3614  |
| 3            | PGE - KD1        | Well Utilities | 41.99           | 3615  |
| 4            | PGE - KI8        | Well Utilities | 63.06           | 3616  |
| 5            | PGE - KI7        | Well Utilities | 62.07           | 3617  |
| 6            | PGE - AE2        | Well Utilities | 61.57           | 3618  |
| 7            | PGE - KD2        | Well Utilities | 150.03          | 3619  |
| 8            | PGE - AE3        | Well Utilities | 62.47           | 3620  |
| 9            | QUINN            | Pump #402      | 966.46          | 3621  |
| 10           | STEPHEN B. SMITH | Weed Control   | 3,135.00        | 3622  |
| <b>TOTAL</b> |                  |                | <b>5,071.59</b> |       |

*The following were received after the May 2nd, 2023 Operations & Projects Committee meeting and will be reviewed at the May 11th, 2023 Business and Finance Committee meeting.*

□

| #            | PAYEE     |                | AMOUNT        | CHECK |
|--------------|-----------|----------------|---------------|-------|
| 1            | PGE - BV4 | Well Utilities | 66.37         | 3623  |
| 2            | PGE - BV3 | Well Utilities | 43.00         | 3624  |
| 3            | PGE - ST1 | Well Utilities | 27.47         | 3625  |
| 4            | PGE - BV2 | Well Utilities | 60.31         | 3626  |
| 5            | PGE - FR3 | Well Utilities | 46.33         | 3627  |
| 6            | PGE - BV5 | Well Utilities | 61.84         | 3628  |
| <b>TOTAL</b> |           |                | <b>305.32</b> |       |

**KERN DELTA WATER DISTRICT**  
**DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE**  
**Thursday, May 11, 2023**

**APRIL 2023 SUB TOTAL   \$    211,913.74**

| <b># PAYEE</b>   | <b>AMOUNT</b> | <b>CHECK</b> |
|--|---------------|--------------|
| 1 B&B SURPLUS, INC. - Metal                            | 64.95         | 46479        |
| 2 BATTERY SYSTEMS, INC. - Battery #T2                  | 144.86        | 46480        |
| 3 BLUE PRINT SERVICE CO. - Copies                      | 34.89         | 46481        |
| 4 CARQUEST, INC. - Cable, Lugs                         | 184.94        | 46482        |
| 5 CHRISTENSEN, INC. - Fuel                             | 8,607.81      | 46483        |
| 6 COASTLINE EQUIPMENT - Cutting Edge                   | 738.76        | 46484        |
| 7 COX, CASTLE & NICHOLSON LLP - Professional Services  | 401.00        | 46485        |
| 8 DANIELS TIRE SERVICE - Tires #323                    | 841.82        | 46486        |
| 9 FRANK AND SONS AUTO GLASS - Windshield #106          | 287.38        | 46487        |
| 10 JIM BURKE FORD - Lug Nuts, Starter                  | 185.16        | 46488        |
| 11 KERN COUNTY PUBLIC WORKS - 4/8/2023                 | 4,309.40      | 46489        |
| 12 MARCOM GROUP - Website Hosting                      | 95.00         | 46490        |
| 13 O'REILLY AUTO PARTS - Brake Pads #225, Brakes #323  | 158.68        | 46491        |
| 14 PACIFIC GAS & ELECTRIC - Shop                       | 610.84        | 46492        |
| 15 PACIFIC GAS & ELECTRIC - Office                     | 1,296.80      | 46493        |
| 16 PACIFIC GAS & ELECTRIC - Ref# E2234440575           | 9,513.88      | 46494        |
| 17 PACIFIC GAS & ELECTRIC - Ref# E2234439809           | 6,043.68      | 46495        |
| 18 PACIFIC POWER, INC. - Oil Filter #T2                | 100.69        | 46496        |
| 19 PRINCIPAL LIFE INSURANCE - 05/01/23-05/31/23        | 4,801.24      | 46497        |
| 20 PROGRESSIVE TECHNOLOGY, INC. - Phone Service        | 449.51        | 46498        |
| 21 RELIABLE JANITORIAL - Cleaning Service              | 1,185.00      | 46499        |
| 22 RELIANCE FENCE - Hog Rings                          | 124.49        | 46500        |
| 23 ROSA ARIAS - CR Refund                              | 13.18         | 46501        |
| 24 RUBEN'S PIPELINE, INC. - Replace Structure/Pipe     | 51,075.00     | 46502        |
| 25 SCHWEBEL PETROLEUM - Grease, DEF                    | 2,952.66      | 46503        |
| 26 SPARKLE - Uniforms, Towels, Mats                    | 1,993.20      | 46504        |
| 27 SPRAYTEC - Add On Sprayer #326, #329                | 62,765.99     | 46505        |
| 28 SSD ALARM - Guard Response                          | 50.00         | 46506        |
| 29 STEPHEN B. SMITH - Weed Control                     | 1,870.00      | 46507        |
| 30 TARGET SPECIALTY PRODUCTS - Cheetah                 | 26,948.73     | 46508        |
| 31 THC MECHANICAL INC - A/C Service                    | 1,610.00      | 46509        |
| 32 WHITE CAP - Sqwincher, Dust Mask, Gloves, Ear Plugs | 431.62        | 46510        |
| 33 LINCOLN LIFE - retirement program                   | 12,581.50     | Wire         |
| 34 LINCOLN LIFE - deferred comp.                       | 2,979.45      | Wire         |
| 35 EMPOWER - deferred comp.                            | 1,715.00      | Wire         |
| 36 PAYROLL #9  | 76,571.04     | Wire         |
| 37 EFT-IRS P/R #9                                      | 26,618.19     | Wire         |
| 38 EDD-STATE P/R #9                                    | 4,433.85      | Wire         |
| 39 CASDU   | 363.22        | Wire         |
| 40 PAYROLL PEOPLE #9                                   | 308.25        | Wire         |

|                                      |           |      |
|--------------------------------------|-----------|------|
| 41 LINCOLN LIFE - retirement program | 12,094.57 | Wire |
| 42 LINCOLN LIFE - deferred comp.     | 2,929.45  | Wire |
| 43 EMPOWER - deferred comp.          | 1,715.00  | Wire |

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**APRIL 2023 TOTAL      544,114.42**

| # PAYEE  | AMOUNT    | CHECK |
|--|-----------|-------|
| 1 A1ANSWER - Answering Service                             | 817.01    | 46511 |
| 2 ABATE-A-WEED - 2 Treatments                              | 1,350.00  | 46512 |
| 3 AMERICAN HYDROTECH - Lawn Service                        | 325.00    | 46513 |
| 4 CASH - 05/2023 PC Replenish                              | 89.67     | 46514 |
| 5 CHRISTENSEN, INC. - Fuel                                 | 8,949.52  | 46515 |
| 6 DANIELS TIRE SERVICE - Spares                            | 706.27    | 46516 |
| 7 EMPLOYMENT DEVELOPMENT DEPT. - Employment Tax            | 4,140.00  | 46517 |
| 8 FLOYD'S - Cooler Pads                                    | 103.79    | 46518 |
| 9 GREENFIELD COUNTY WATER DIST. - Office Utilities         | 97.25     | 46519 |
| 10 HALL LETTER SHOP - Mailing                              | 1,218.20  | 46520 |
| 11 INDUSTRIAL MEDICAL GROUP - Emp. Physicals               | 830.00    | 46521 |
| 12 JERRY AND KEITH'S - Brake Pad #324                      | 11.66     | 46522 |
| 13 JIM BURKE FORD - Ac Repair #223, Air/Oil Filters        | 3,584.97  | 46523 |
| 14 KERN COUNTY RECORDER - Redemptions 05/16/23             | 80.00     | 46524 |
| 15 KERN RIVER POWER EQ. - Chain Sharpening                 | 119.34    | 46525 |
| 16 LOWE'S BUSINESS ACCOUNT - Pump, Measuring Tape, Jugs    | 324.09    | 46526 |
| 17 McMURTREY, HARTSOCK, WORTH & ST. LAWRENCE - Apr-23      | 12,551.00 | 46527 |
| 18 O'REILLY AUTO PARTS - Freon #326                        | 60.33     | 46528 |
| 19 PACIFIC GAS & ELECTRIC - 03/28/23-04/26/23 Lights       | 12.79     | 46529 |
| 20 PRICE DISPOSAL - Dumping Fees                           | 15.05     | 46530 |
| 21 PROGRESSIVE TECHNOLOGY, INC. - It Support               | 750.00    | 46531 |
| 22 QUINN - Grommet, Plug #404                              | 125.42    | 46532 |
| 23 SPARKLE TEXTILE RENTAL SERVICE - Uniforms, Towels, Mats | 470.49    | 46533 |
| 24 SPECTRUM - Internet                                     | 377.69    | 46534 |
| 25 SSD ALARM - Guard Response                              | 25.00     | 46535 |
| 26 STERICYCLE, INC. - Shred Service                        | 112.08    | 46536 |
| 27 SWEEPING CORP OF AMERICA - Parkinglot Maintenance       | 420.00    | 46537 |
| 28 VALLEY AG WATER COALITION - 2023 Dues                   | 3,500.00  | 46538 |
| 29 VERIZON - Cell Service                                  | 628.45    | 46539 |
| 30 WELLS FARGO BANK - Annual Admin. Fee                    | 4,500.00  | 46540 |
| 31 ROBERT FANUCCHI - Member Fees 03/23-04/23               | 400.00    | 46541 |
| 32 FRED GARONE - Member Fees 03/23-04/23                   | 500.00    | 46542 |
| 33 GEORGE BORBA - Member Fees 03/23-04/23                  | 300.00    | 46543 |
| 34 JOEY MENDONCA - Member Fees 03/23-04/23                 | 300.00    | 46544 |
| 35 JOHN KAISER - Member Fees 03/23-04/23                   | 500.00    | 46545 |
| 36 KEVIN ANTONGIOVANNI - Member Fees 03/23-04/23           | 400.00    | 46546 |
| 37 RICHARD TILLEMA - Member Fees 03/23-04/23               | 400.00    | 46547 |
| 38 RODNEY PALLA - Member Fees 03/23-04/23                  | 1,100.00  | 46548 |
| 39 ROSS E. SPITZER - Member Fees 03/23-04/23               | 300.00    | 46549 |

|  |           |                   |
|--|-----------|-------------------|
| 40 TARGET SPECIALTY PRODUCTS - Round Up, Alligare    | 16,670.39 | 46550             |
| 41 COMPUTERSHARE - Semi-Annual COP Principal Payment | 63,228.69 | Wire              |
| 42 PAYROLL #10                                       | 80,560.91 | Wire              |
| 43 EFT-IRS P/R #10                                   | 26,337.05 | Wire              |
| 44 EDD-STATE P/R #10                                 | 4,828.25  | Wire              |
| 45 CASDU   | 363.22    | Wire              |
| 46 PAYROLL PEOPLE #10                                | 309.25    | Wire              |
| 47 CENTRALIZE HR - admin fee                         | 1,895.00  | Wire              |
| <b>MAY 2023 SUBTOTAL</b>                             |           | <b>244,687.83</b> |

**KERN DELTA WATER DISTRICT**

|                             |                                      | <b>May<br/>2023</b> |
|-----------------------------|--------------------------------------|---------------------|
| <b>Payee</b>                | <b>Reason</b>                        | <b>Estimated</b>    |
| ADVANCED DIST.              | truck maintenance/repair             | 250.00              |
| AG SPRAY EQUIPMENT          | spray parts                          | 75.00               |
| AMERICAN HYDROTECH          | lawn service                         | 325.00              |
| AMERIFUEL                   | gas/diesel fuel                      | 8,875.00            |
| BATTERY SYSTEMS             | vehicle maintenance                  | 250.00              |
| BLUE PRINT SERVICE CO.      | blue prints                          | 300.00              |
| BROWN ARMSTRONG             | professional services                | 4,500.00            |
| CARQUEST                    | brake fluid, lube                    | 200.00              |
| CITIZENS CARDMEMBER SERV    | misc expenses                        | 4,000.00            |
| COX, CASTLE & NICHOLSON LLP | professional services                | 1,000.00            |
| DANIELS TIRE SERVICE        | vehicle tires/repair                 | 900.00              |
| ELLISON, SCHNEIDER & HARRIS | professional services                | 5,000.00            |
| EMPOWER                     | deferred comp contributions          | 1,715.00            |
| FRANK & SONS AUTO GLASS     | vehicle repair parts                 | 250.00              |
| GRAINGER                    | safety materials                     | 200.00              |
| HALL LETTER SHOP            | mass mailing service                 | 250.00              |
| HOME DEPOT                  | maintenance materials                | 150.00              |
| JERRY & KEITH'S             | truck maintenance/repair             | 25.00               |
| JIM BURKE                   | truck maintenance/repair             | 400.00              |
| K.C. WASTE (PUBLIC WORKS)   | dumping                              | 4,500.00            |
| KERN COUNTY RECORDER        | lien redemption                      | 140.00              |
| LINCOLN FINANCIAL           | pension/deferred comp contributions  | 15,602.00           |
| MARCOM GROUP                | district web site support            | 95.00               |
| MOSSMAN'S                   | catering                             | 450.00              |
| NORTH KERN WSD              | watermaster/weather modification     | 11,120.00           |
| O'REILLY AUTO PARTS         | vehicle repair parts                 | 200.00              |
| P.G.&E.                     | district office utilities            | 1,950.00            |
| PITNEY BOWES                | postage                              | 260.80              |
| PRINCIPAL LIFE INS.         | dental/vision/life insurance premium | 5,200.00            |
| PROGRESSIVE TECH.           | IT and computer system support       | 450.00              |
| QUINN                       | heavy equipment parts/repair         | 500.00              |
| RELIABLE JANITORIAL         | janitor service                      | 1,185.00            |
| SCHWEBEL PETROLEUM          | oil/lubricants                       | 500.00              |
| SPARKLE                     | uniform/laundry service              | 2,000.00            |
| SPECTRUM                    | internet access                      | 378.00              |
| SSD SYSTEMS                 | office alarm monitoring              | 50.00               |
| STEPHEN SMITH WEED CONTROL  | weed control spraying service        | 1,870.00            |
| STINSON'S                   | office supplies                      | 200.00              |
| TARGET                      | weed control chemicals               | 26,000.00           |
| UNITED AG                   | medical insurance premium            | 36,000.00           |
| VERIZON                     | cell phones and service              | 652.00              |
| WHITE CAP                   | maintenance peripherals              | 430.00              |
|                             |                                      | <b>138,397.80</b>   |

Tab III





## **BUSINESS & FINANCE COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**THURSDAY, May 11, 2023  
10:00AM**

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

- 1. Call to Order**
- 2. Public Comment Period**
- 3. Approve Minutes of April 13, 2023, Meeting of the Business & Finance Committee**
- 4. Financial Reports and Disbursements:**
  - a. Update Unaudited Final Operating Results for 2022
  - b. Approve April and May District and Banking Project(s) Disbursements
  - c. Approve April 2023 Financial Reports
- 5. District Controller's Report:**
  - a. Review of District Investments
- 6. Committee Comments**
- 7. Adjourn**

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

**Bryan Duncan  
District Controller**

**Posted: Monday May 8, 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, May 11, 2023**

---

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

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Controller Duncan, General Counsel Iger, and Administrative Assistant Rodriguez.  
From LPL Financial: Doug Heal

**1. CALL TO ORDER**

Director Antongiovanni called the meeting to order at 10:07 A.M.

**2. PUBLIC COMMENTS**

None.

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

- a. **M/S/C (Kaiser/Garone) (yes – 4, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on April 13, 2023, as presented.

\*Director Tillema arrived at the meeting at 10:15 A.M.

**4. FINANCIAL REPORTS AND DISBURSEMENTS**

- a. Staff reviewed the final, unaudited financial statements of the District and the Water Banking Projects for the year ended December 31, 2022.
- b.- c. Approval of April 2023 and May 2023 Disbursements and April 2023 Financial Reports.  
**M/S/C (Tillema/Garone) (yes – 4, no – 0):** The Business & Finance Committee recommends the Board approve the April 2023 and May 2023 District Disbursements, the May 2023 Water Banking Projects' Disbursements, the anticipated May 2023 end of month Disbursements, and the April 2023 District and Water Banking Projects' Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

**5. DISTRICT CONTROLLER'S REPORT**

- a. Review of District Investments. Staff along with Doug Heal of LPL Financial reviewed current investment options including US Treasuries and bank certificates of deposit. Following the review and discussion the Committee took the following action.  
**M/S/C (Kaiser/ Tillema) (yes – 4, no – 0):** The Business and Finance Committee directed Staff to invest a maximum of \$9 million (\$5 million in Banking Project funds and \$4 million in District funds) in Fixed Income CDs with maturities of 21 to 25 months with a target Yield to Maturity of 5%.

**6. DIRECTORS' COMMENTS**

None.

**7. ADJOURN**

Director Antongiovanni adjourned the meeting at 11:19 A.M.

Respectfully submitted,

---

Kevin Antongiovanni – Chair



**Kern Delta Water District  
Balance Sheet  
As of December 31, 2022**

|                                       | <u>12/31/2022</u>        | <u>11/30/2022</u>        | <u>Month-to-Month<br/>Variance</u> |
|---------------------------------------|--------------------------|--------------------------|------------------------------------|
| <b>Assets</b>                         |                          |                          |                                    |
| Current Assets                        |                          |                          |                                    |
| Cash & Cash Equivalents               | 22,688,098               | 21,551,419               | 1,136,679                          |
| Accounts Receivable                   | 1,563,791                | 161,530                  | 1,402,261                          |
| Due From Banking Projects             | 95,707                   | 0                        | 95,707                             |
| Inventory & Prepaid Expenses          | 626,702                  | 440,547                  | 186,155                            |
| Total Current Assets                  | <u>24,974,298</u>        | <u>22,153,496</u>        | <u>2,820,802</u>                   |
| Net Fixed Assets                      |                          |                          |                                    |
| Fixed Assets                          |                          |                          |                                    |
| District Structures, Rights of Way    | 18,056,787               | 18,235,547               | (178,760)                          |
| CVC Expansion                         | 8,776,668                | 8,776,668                | 0                                  |
| Machinery & Equipment                 | 3,005,553                | 2,735,856                | 269,697                            |
| Fixed Assets                          | <u>29,839,008</u>        | <u>29,748,071</u>        | <u>90,937</u>                      |
| Less Accumulated Depreciation         | <u>(7,625,240)</u>       | <u>(7,585,995)</u>       | <u>(39,245)</u>                    |
| Net Fixed Assets                      | <u>22,213,768</u>        | <u>22,162,076</u>        | <u>51,692</u>                      |
| Investment in Joint Powers Authority  | <u>7,922</u>             | <u>15,375</u>            | <u>(7,453)</u>                     |
| Investment in Banking Project         | <u>9,527,537</u>         | <u>8,890,130</u>         | <u>637,406</u>                     |
| Investment in Sunset Banking Program  | <u>487,662</u>           | <u>500,000</u>           | <u>(12,337)</u>                    |
| <b>Total Assets</b>                   | <b><u>57,211,187</u></b> | <b><u>53,721,077</u></b> | <b><u>3,490,110</u></b>            |
| <b>Liabilities &amp; Equity</b>       |                          |                          |                                    |
| Current Liabilities                   |                          |                          |                                    |
| Accounts Payable                      | 365,995                  | 204,997                  | 160,998                            |
| Deferred Revenue                      | 997,685                  | 0                        | 997,686                            |
| Deposits Held for Others              | 107,553                  | 107,552                  | 0                                  |
| Other Liabilities                     | 176,985                  | 176,898                  | 88                                 |
| Total Current Liabilities             | <u>1,648,218</u>         | <u>489,447</u>           | <u>1,158,772</u>                   |
| Long Term Liabilities                 |                          |                          |                                    |
| Bonds & COP Debt                      | 3,565,000                | 3,565,000                | 0                                  |
| Bonds Premium & Costs                 | 113,548                  | 130,694                  | (17,146)                           |
| Total Long Term Liabilities           | <u>3,678,548</u>         | <u>3,695,694</u>         | <u>(17,146)</u>                    |
| Equity From Past Years                | 51,739,183               | 51,739,183               | 0                                  |
| Accumulated Equity - Current Year     | <u>145,238</u>           | <u>(2,203,247)</u>       | <u>2,348,484</u>                   |
| <b>Total Liabilities &amp; Equity</b> | <b><u>57,211,187</u></b> | <b><u>53,721,077</u></b> | <b><u>3,490,110</u></b>            |

**Kern Delta Water District**  
**Statement of Operating Results**  
**Through the Period Ended December 31, 2022**

|  | <u>Current Month</u>    | <u>Year to Date</u>   | <u>Annual Budget</u>    | <u>YTD as %age<br/>of Budget<br/>(Target is<br/>100%)</u> | <u>Budget<br/>Remaining</u> |
|--|-------------------------|-----------------------|-------------------------|---|-----------------------------|
| <b>REVENUE</b>                           |                         |                       |                         |   |                             |
| State Water Sales                        | 0                       | 0                     | 992,439                 | 0 %   | (992,439)                   |
| Utility Water Sales                      | 17,840                  | 1,625,338             | 3,214,296               | 51 %  | (1,588,958)                 |
| Seepage Revenue                          | 80,208                  | 701,808               | 750,000                 | 94 %  | (48,192)                    |
| Equalization                             | 0                       | 9,199                 | 9,170                   | 100 %   | 29                          |
| Assessments                              | (1,112)                 | 1,006,251             | 1,011,424               | 99 %  | (5,173)                     |
| Share of County Property Tax             | 2,850,514               | 5,906,921             | 5,371,745               | 110 %   | 535,176                     |
| Interest Revenue                         | 45,529                  | 208,492               | 236,060                 | 88 %  | (27,568)                    |
| Other Revenue                            | 112,171                 | 371,302               | 175,000                 | 212 %   | 196,302                     |
| Water Transfer Charges                   | 0                       | 731,000               | 731,000                 | 100 %   | 0                           |
| Expense Reimb From Banking               | 95,707                  | 95,707                | 150,000                 | 64 %  | (54,293)                    |
| Total Revenue                            | <u>3,200,857</u>        | <u>10,656,018</u>     | <u>12,641,134</u>       | <u>84 %</u>   | <u>(1,985,116)</u>          |
| <b>EXPENDITURES</b>                      |                         |                       |                         |   |                             |
| Source of Supply                         |                         |                       |                         |   |                             |
| State Water Costs                        | 0                       | 2,920,730             | 3,000,000               | 97 %  | (79,270)                    |
| Exchange Fees                            | 12,750                  | 6,375                 | 76,500                  | 8 %   | (70,125)                    |
| Watermaster, City, Isabella              | 79,233                  | 332,042               | 405,400                 | 82 %  | (73,357)                    |
| Grower Recharge Program Costs            | 0                       | 0                     | 0                       | 0 %   | 0                           |
| Miscellaneous Source Costs               | 448,474                 | 465,303               | 731,000                 | 64 %  | (265,697)                   |
| Total Source of Supply                   | <u>540,457</u>          | <u>3,724,450</u>      | <u>4,212,900</u>        | <u>88 %</u>   | <u>(488,449)</u>            |
| Transmission and Distribution            |                         |                       |                         |   |                             |
| Labor                                    | 229,107                 | 2,681,365             | 2,747,453               | 98 %  | (66,089)                    |
| Employee Benefits                        | 80,081                  | 899,461               | 887,255                 | 101 %   | 12,207                      |
| Maintenance & Repairs                    | 74,528                  | 1,269,393             | 1,068,648               | 119 %   | 200,744                     |
| Total Transmission and Distribution      | <u>383,716</u>          | <u>4,850,219</u>      | <u>4,703,356</u>        | <u>103 %</u>  | <u>146,862</u>              |
| Administrative & Other Costs             |                         |                       |                         |   |                             |
| Engineering Consultants                  | 23,297                  | 24,504                | 100,000                 | 25 %  | (75,495)                    |
| Legal Expense                            | 510                     | 6,318                 | 60,000                  | 11 %  | (53,682)                    |
| Special Legal/Engineering                | 37,994                  | 311,403               | 300,000                 | 104 %   | 11,402                      |
| Office Operations                        | 25,284                  | 315,883               | 343,427                 | 92 %  | (27,543)                    |
| Insurance                                | 15,747                  | 158,653               | 183,610                 | 86 %  | (24,957)                    |
| Special Expenses                         | (132,063)               | 229,538               | 791,500                 | 29 %  | (561,962)                   |
| Kern River GSA & SGMA                    | 0                       | 59,840                | 200,000                 | 30 %  | (140,160)                   |
| Construction Expense - Peripheral        | 0                       | 3,970                 | 0                       | 0 %   | 3,970                       |
| Bond Interest Expense                    | (17,146)                | 119,991               | 123,541                 | 97 %  | (3,550)                     |
| FMV Adjustment                           | (64,668)                | 154,166               | 0                       | 0 %   | 154,166                     |
| Depreciation                             | 39,245                  | 551,845               | 559,200                 | 99 %  | (7,355)                     |
| Total Administrative & Other             | <u>(71,800)</u>         | <u>1,936,111</u>      | <u>2,661,278</u>        | <u>73 %</u>   | <u>(725,166)</u>            |
| Total Expenses                           | <u>852,373</u>          | <u>10,510,780</u>     | <u>11,577,534</u>       | <u>91 %</u>   | <u>(1,066,753)</u>          |
| <b>Net Fav/(Unfav) Operating Results</b> | <u><b>2,348,484</b></u> | <u><b>145,238</b></u> | <u><b>1,063,600</b></u> | <u><b>14 %</b></u>  | <u><b>(918,362)</b></u>     |

**Kern Delta Water Banking Project  
Balance Sheet  
As of December 31, 2022**

|                                       | <u>12/31/2022</u>        | <u>11/30/2022</u>        | <u>Month-to-Month<br/>Variance</u> |
|---------------------------------------|--------------------------|--------------------------|------------------------------------|
| <b>Total Assets</b>                   |                          |                          |                                    |
| Current Assets                        |                          |                          |                                    |
| Cash & Cash Equivalents               | 7,098,137                | 6,562,332                | 535,804                            |
| Due From MWD                          | 4,581,154                | 1,309,149                | 3,272,006                          |
| Due From SBVMWD                       | 627,671                  | 0                        | 627,671                            |
| Interest Receivable                   | 22,553                   | 0                        | 22,553                             |
| Other Receivables                     | 6,543                    | 0                        | 6,543                              |
| Inventory and Prepaids                | 162,244                  | 162,244                  | 0                                  |
| Total Current Assets                  | <u>12,498,302</u>        | <u>8,033,725</u>         | <u>4,464,577</u>                   |
| Fixed Assets                          |                          |                          |                                    |
| All Structures                        | 63,351,349               | 63,202,244               | 149,104                            |
| Machinery and Equipment               | 418,064                  | 418,065                  | 0                                  |
| Less Accumulated Depreciation         | <u>(12,315,254)</u>      | <u>(12,283,755)</u>      | <u>(31,499)</u>                    |
| Fixed Assets Net of Depreciation      | <u>51,454,159</u>        | <u>51,336,554</u>        | <u>117,605</u>                     |
| Other Assets                          |                          |                          |                                    |
| Investment in Sunset Banking Project  | 1,615,591                | 1,627,928                | (12,338)                           |
| Total Other Assets                    | <u>1,615,591</u>         | <u>1,627,928</u>         | <u>(12,338)</u>                    |
| <b>Total Assets</b>                   | <b><u>65,568,052</u></b> | <b><u>60,998,207</u></b> | <b><u>4,569,844</u></b>            |
| <b>Total Liabilities &amp; Equity</b> |                          |                          |                                    |
| Current Liabilities                   |                          |                          |                                    |
| Accounts Payable                      | 104,695                  | 0                        | 104,695                            |
| Due To KDWD                           | 95,707                   | 0                        | 95,707                             |
| Total Current Liabilities             | <u>200,402</u>           | <u>0</u>                 | <u>200,402</u>                     |
| Equity                                |                          |                          |                                    |
| Capital Contributions From KDWD       | 9,527,537                | 8,890,130                | 637,407                            |
| Equity From Past Years                | 53,539,365               | 53,539,365               | 0                                  |
| Accumulative Equity - Current Year    | <u>2,300,748</u>         | <u>(1,431,288)</u>       | <u>3,732,035</u>                   |
| Total Equity                          | <u>65,367,650</u>        | <u>60,998,207</u>        | <u>4,369,442</u>                   |
| <b>Total Liabilities &amp; Equity</b> | <b><u>65,568,052</u></b> | <b><u>60,998,207</u></b> | <b><u>4,569,844</u></b>            |

**Kern Delta Water Banking Project  
Statement of Operating Results  
As of December 31, 2022**

|  | <u>Current Month</u>    | <u>Year to Date</u>     |
|--|-------------------------|-------------------------|
| <b>REVENUE:</b>                                  |                         |                         |
| MET Revenue                                      | 3,272,006               | 5,617,897               |
| SBVMWD Revenue                                   | 627,671                 | 627,671                 |
| Miscellaneous Revenue                            | (5,795)                 | (5,795)                 |
| Interest Revenue                                 | 22,582                  | 82,593                  |
| Total Revenue                                    | <u>3,916,464</u>        | <u>6,322,366</u>        |
| <b>EXPENSES</b>                                  |                         |                         |
| Transfer and Exchange Fees                       |                         |                         |
| TRF Fees   | 0                       | 9,600                   |
| Total Transfer and Exchange Fees                 | <u>0</u>                | <u>9,600</u>            |
| Other Costs                                      |                         |                         |
| Power Cost - Wells                               | 33,846                  | 2,233,828               |
| CVC Operating Costs                              | 0                       | 286,033                 |
| CVC Power Costs                                  | 0                       | 4,582                   |
| Spreading OM&R                                   | 97,067                  | 281,715                 |
| Wells OM&R and Other                             | 49,643                  | 233,617                 |
| FMV Adjustment                                   | (27,627)                | 114,744                 |
| Depreciation                                     | 31,500                  | 857,499                 |
| Total Other Costs                                | <u>184,429</u>          | <u>4,012,018</u>        |
| Total All Expenses                               | <u>184,429</u>          | <u>4,021,618</u>        |
| <b>Favorable/(Unfavorable) Operating Results</b> | <u><b>3,732,035</b></u> | <u><b>2,300,748</b></u> |

**Sunset Water Banking Project  
Balance Sheet  
As of December 31, 2022**

|                                       | <u>12/31/2022</u>       | <u>11/30/2022</u>       | <u>Month-to-Month<br/>Variance</u> |
|---------------------------------------|-------------------------|-------------------------|------------------------------------|
| <b>Assets</b>                         |                         |                         |                                    |
| Current Assets                        |                         |                         |                                    |
| Cash & Cash Equivalents               | 1,739,442               | 1,937,567               | (198,125)                          |
| SUN_Interest Receivable               | 8,577                   | 0                       | 8,577                              |
| Total Current Assets                  | <u>1,748,019</u>        | <u>1,937,567</u>        | <u>(189,548)</u>                   |
| Fixed Assets                          |                         |                         |                                    |
| Construction in Progress              | 2,814,587               | 2,235,415               | 579,171                            |
| Total Fixed Assets at Cost            | <u>2,814,587</u>        | <u>2,235,415</u>        | <u>579,171</u>                     |
| Net Fixed Assets                      | <u>2,814,587</u>        | <u>2,235,415</u>        | <u>579,171</u>                     |
| <b>Total Assets</b>                   | <u><b>4,562,606</b></u> | <u><b>4,172,982</b></u> | <u><b>389,623</b></u>              |
| <b>Liabilities &amp; Equity</b>       |                         |                         |                                    |
| Current Liabilities                   |                         |                         |                                    |
| Accounts Payable                      | 356,099                 | 0                       | 356,099                            |
| Total Current Liabilities             | <u>(356,099)</u>        | <u>0</u>                | <u>(356,099)</u>                   |
| Equity                                |                         |                         |                                    |
| Contributions to Equity - KDWD        | 500,000                 | 500,000                 | 0                                  |
| Contributions to Equity - KDWBP       | 1,627,928               | 1,627,928               | 0                                  |
| Contributions to Equity - AEWSD       | 2,127,929               | 2,127,929               | 0                                  |
| Equity From Past Years                | (930)                   | (930)                   | 0                                  |
| Accumulated Equity - Current Year     | (48,420)                | (81,945)                | 33,524                             |
| Total Equity                          | <u>4,206,507</u>        | <u>4,172,982</u>        | <u>33,524</u>                      |
| <b>Total Liabilities &amp; Equity</b> | <u><b>4,562,606</b></u> | <u><b>4,172,982</b></u> | <u><b>389,623</b></u>              |

**Sunset Water Banking Project  
Statement of Operating Results  
As of December 31, 2022**

|                                      | <u>Current Month</u> | <u>Year to Date</u>    |
|--------------------------------------|----------------------|------------------------|
| <b>Revenue</b>                       |                      |                        |
| Interest Revenue                     | 8,586                | 11,013                 |
| Total Revenue                        | <u>8,586</u>         | <u>11,013</u>          |
| <b>Expenses</b>                      |                      |                        |
| Administrative Expense               | 0                    | 1,775                  |
| FMV Adjustment                       | (24,938)             | 57,658                 |
| Total Expenses                       | <u>(24,938)</u>      | <u>59,433</u>          |
| <b>Fav/(Unfav) Operating Results</b> | <u><b>33,524</b></u> | <u><b>(48,420)</b></u> |

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

|                                       | <u>04/30/2023</u>        | <u>03/31/2023</u>        | <u>Month-to-Month<br/>Variance</u> |
|---------------------------------------|--------------------------|--------------------------|------------------------------------|
| <b>Assets</b>                         |                          |                          |                                    |
| Current Assets                        |                          |                          |                                    |
| Cash & Cash Equivalents               | 21,446,529               | 19,478,749               | 1,967,780                          |
| Accounts Receivable                   | 905,364                  | 609,701                  | 295,663                            |
| Inventory & Prepaid Expenses          | 525,135                  | 545,947                  | (20,812)                           |
| Total Current Assets                  | <u>22,877,028</u>        | <u>20,634,397</u>        | <u>2,242,631</u>                   |
| Net Fixed Assets                      |                          |                          |                                    |
| Fixed Assets                          |                          |                          |                                    |
| District Structures, Rights of Way    | 18,056,787               | 18,056,787               | 0                                  |
| CVC Expansion                         | 8,776,668                | 8,776,668                | 0                                  |
| Machinery & Equipment                 | 3,115,287                | 3,047,283                | 68,004                             |
| Fixed Assets                          | <u>29,948,742</u>        | <u>29,880,738</u>        | <u>68,004</u>                      |
| Less Accumulated Depreciation         | <u>(7,759,496)</u>       | <u>(7,710,496)</u>       | <u>(49,000)</u>                    |
| Net Fixed Assets                      | <u>22,189,246</u>        | <u>22,170,242</u>        | <u>19,004</u>                      |
| Investment in Joint Powers Authority  | <u>7,923</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>1,615,590</u>         | <u>1,615,591</u>         | <u>0</u>                           |
| <b>Total Assets</b>                   | <b><u>56,217,324</u></b> | <b><u>53,955,689</u></b> | <b><u>2,261,635</u></b>            |
| <b>Liabilities &amp; Equity</b>       |                          |                          |                                    |
| Current Liabilities                   |                          |                          |                                    |
| Accounts Payable                      | 110,857                  | 92,380                   | 18,478                             |
| Deposits Held for Others              | 107,553                  | 107,552                  | 0                                  |
| Other Liabilities                     | 185,022                  | 185,453                  | (430)                              |
| Total Current Liabilities             | <u>403,432</u>           | <u>385,385</u>           | <u>18,048</u>                      |
| Long Term Liabilities                 |                          |                          |                                    |
| Bonds & COP Debt                      | 3,565,000                | 3,565,000                | 0                                  |
| Bonds Premium & Costs                 | 113,548                  | 113,548                  | 0                                  |
| Total Long Term Liabilities           | <u>3,678,548</u>         | <u>3,678,548</u>         | <u>0</u>                           |
| Equity From Past Years                | 51,884,421               | 51,884,421               | 0                                  |
| Accumulated Equity - Current Year     | <u>250,923</u>           | <u>(1,992,665)</u>       | <u>2,243,587</u>                   |
| <b>Total Liabilities &amp; Equity</b> | <b><u>56,217,324</u></b> | <b><u>53,955,689</u></b> | <b><u>2,261,635</u></b>            |

**Kern Delta Water District**  
**Cash Variance Analysis**  
**May 1, 2023**

**Cash Received:**

|                                 |                  |
|---------------------------------|------------------|
| Accounts Receivable Collections | 350,412          |
| Share of Property Tax Receipts  | 2,216,507        |
| Interest Received               | 17,492           |
|                                 | <u>2,584,411</u> |

**Cash Disbursed:**

Disbursements for Goods and Services:

|   |                  |
|---|------------------|
| Spraytec - Capital                        | (62,766)         |
| Ruben's Pipeline - Structure Replacement  | (51,075)         |
| Medical/Dental Monthly Insurance Premiums | (41,799)         |
| UPL NA/Target - Weed Chemicals Inventory  | (26,949)         |
| Diesel/Gas for Fleet                      | (25,698)         |
| Professional Services                     | (16,690)         |
| PG&E - Gas Line                           | (15,558)         |
| Other Disbursements                       | (57,983)         |
|   | <u>(298,517)</u> |

|               |                  |
|---------------|------------------|
| Payrolls Paid | (246,216)        |
|               | <u>(544,733)</u> |

**Positive/(Negative) Cash Variance Before FMV Adjustment**

2,039,678

**FMV Adjustment to Kern County Funds**

(71,898)

**Adjusted Positive/(Negative) Cash Variance**

1,967,780



**Kern Delta Water District**  
**Accounts Receivable Variance Analysis**  
**April 30, 2023**

**Revenue Added to Accounts:**

|                             |         |
|-----------------------------|---------|
| Water Sales - Utility Water | 325,038 |
| Seepage Revenue             | 107,153 |
| NKWSD 2nd Qtr               | 211,353 |
| Other Misc Revenues:        |         |
| Pumping Agreements          | 1,757   |
| Encroachment Permits        | 500     |
| Other                       | 273     |
|                             | <hr/>   |
|                             | 646,074 |
|                             | <hr/>   |

**Cash Received:**

|                      |           |
|----------------------|-----------|
| Water Payments       | (38,377)  |
| Misc Payments        | (295,558) |
| Assessments Payments | (16,477)  |
|                      | <hr/>     |
|                      | (350,412) |

**Interest Payments**

|           |
|-----------|
| -         |
| <hr/>     |
| (350,412) |
| <hr/>     |

**Net positive/(negative) variance**

|         |
|---------|
| 295,663 |
|---------|

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

**Additions to Accounts:**

|                                  |        |
|----------------------------------|--------|
| Weed Control Chemicals Purchased | 37,665 |
| Prepaid Additions                | -      |
|                                  | <hr/>  |
|                                  | 37,665 |
|                                  | <hr/>  |

**Usage/Amortization:**

|                                  |          |
|----------------------------------|----------|
| Chemicals Consumed During Month  | (36,318) |
| Amortization of Prepaid Accounts | (22,159) |
|                                  | <hr/>    |
|                                  | (58,477) |
|                                  | <hr/>    |

|   |                 |
|---|-----------------|
| <b>Net positive/(negative) variance</b> | <b>(20,812)</b> |
|---|-----------------|

**Kern Delta Water District  
Statement of Operating Results  
Through the Period Ended April 30, 2023**

|  | <u>Current Month</u>    | <u>Year to Date</u>   | <u>Annual Budget</u><br>KDWD Budget<br>2023 | <u>YTD as %age<br/>of Budget<br/>(Target is 33%)</u> | <u>Budget<br/>Remaining</u> |
|--|-------------------------|-----------------------|---|--|-----------------------------|
| <b>REVENUE</b>                           |                         |                       |   |  |                             |
| State Water Sales                        | 0                       | 0                     | 1,105,543                                   | 0 %  | (1,105,543)                 |
| Utility Water Sales                      | 324,574                 | 525,593               | 3,214,296                                   | 16 %   | (2,688,703)                 |
| Seepage Revenue                          | 107,153                 | 206,539               | 750,000                                     | 28 %   | (543,461)                   |
| Equalization                             | 0                       | 9,045                 | 9,198                                       | 98 %   | (153)                       |
| Assessments                              | 0                       | 997,667               | 1,006,879                                   | 99 %   | (9,212)                     |
| Share of County Property Tax             | 2,216,507               | 2,395,574             | 6,085,317                                   | 39 %   | (3,689,743)                 |
| Interest Revenue                         | 17,493                  | 72,558                | 208,045                                     | 35 %   | (135,487)                   |
| Other Revenue                            | 2,980                   | 63,322                | 250,000                                     | 25 %   | (186,678)                   |
| Water Transfer Charges                   | 211,353                 | 422,705               | 835,400                                     | 51 %   | (412,695)                   |
| Expense Reimb From Banking               | 0                       | 0                     | 150,000                                     | 0 %  | (150,000)                   |
| Total Revenue                            | <u>2,880,060</u>        | <u>4,693,003</u>      | <u>13,614,678</u>                           | <u>34 %</u>  | <u>(8,921,675)</u>          |
| <b>EXPENDITURES</b>                      |                         |                       |   |  |                             |
| Source of Supply                         |                         |                       |   |  |                             |
| State Water Costs                        | 0                       | 2,164,282             | 3,500,000                                   | 62 %   | (1,335,718)                 |
| Exchange Fees                            | 0                       | 1,400                 | 68,850                                      | 2 %  | (67,450)                    |
| Watermaster, City, Isabella              | 0                       | 37,446                | 435,400                                     | 9 %  | (397,953)                   |
| Grower Recharge Program Costs            | 0                       | 0                     | 0   | 0 %  | 0                           |
| Miscellaneous Source Costs               | 0                       | 10,098                | 731,000                                     | 1 %  | (720,902)                   |
| Total Source of Supply                   | <u>0</u>                | <u>2,213,226</u>      | <u>4,735,250</u>                            | <u>47 %</u>  | <u>(2,522,023)</u>          |
| Transmission and Distribution            |                         |                       |   |  |                             |
| Labor                                    | 229,000                 | 909,122               | 2,866,402                                   | 32 %   | (1,957,281)                 |
| Employee Benefits                        | 83,547                  | 310,782               | 990,269                                     | 31 %   | (679,487)                   |
| Maintenance & Repairs                    | 151,159                 | 313,315               | 1,484,564                                   | 21 %   | (1,171,248)                 |
| Total Transmission and Distribution      | <u>463,706</u>          | <u>1,533,219</u>      | <u>5,341,235</u>                            | <u>29 %</u>  | <u>(3,808,016)</u>          |
| Administrative & Other Costs             |                         |                       |   |  |                             |
| Engineering Consultants                  | 0                       | 0                     | 50,000                                      | 0 %  | (50,000)                    |
| Legal Expense                            | 0                       | 0                     | 10,000                                      | 0 %  | (10,000)                    |
| Special Legal/Engineering                | 12,952                  | 110,404               | 500,000                                     | 22 %   | (389,596)                   |
| Office Operations                        | 18,999                  | 129,590               | 357,407                                     | 36 %   | (227,818)                   |
| Insurance                                | 18,852                  | 62,989                | 173,426                                     | 36 %   | (110,436)                   |
| Special Expenses                         | 0                       | 311,618               | 811,000                                     | 38 %   | (499,383)                   |
| Kern River GSA & SGMA                    | 0                       | (5,493)               | 300,000                                     | (2) %  | (305,492)                   |
| Construction Expense - Peripheral        | 1,066                   | 2,070                 | 0   | 0 %  | 2,069                       |
| Bond Interest Expense                    | 0                       | 0                     | 115,439                                     | 0 %  | (115,439)                   |
| FMV Adjustment                           | 71,897                  | (110,725)             | 0   | 0 %  | (110,725)                   |
| Depreciation                             | 49,000                  | 195,182               | 0   | 0 %  | 195,183                     |
| Total Administrative & Other             | <u>172,766</u>          | <u>695,635</u>        | <u>2,317,272</u>                            | <u>30 %</u>  | <u>(1,621,637)</u>          |
| Total Expenses                           | <u>636,472</u>          | <u>4,442,080</u>      | <u>12,393,757</u>                           | <u>36 %</u>  | <u>(7,951,676)</u>          |
| <b>Net Fav/(Unfav) Operating Results</b> | <u><b>2,243,588</b></u> | <u><b>250,923</b></u> | <u><b>1,220,921</b></u>                     | <u><b>21 %</b></u>                                   | <u><b>(969,998)</b></u>     |

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

[illegible]

**KERN DELTA WATER DISTRICT**

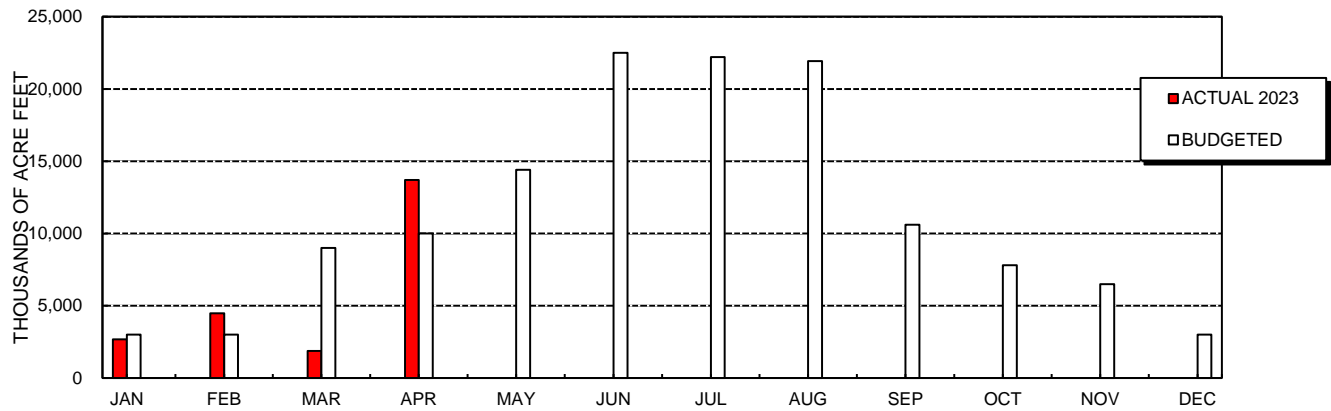
**TREASURER'S REPORT**

**April 2023**

|   | <b>2023</b>            | <b>2022</b>            | <b>2021</b>            | <b>2020</b>           |
|---|------------------------|------------------------|------------------------|-----------------------|
| Cash & Securities on hand - April 1, 2023             | \$ 19,478,749          | \$ 20,752,155          | \$ 20,581,874          | \$ 20,523,514         |
| Add: April receipts                                   | 2,584,411              | 2,493,000              | 2,689,699              | 1,758,333             |
| Less: April disbursements                             | (616,631)              | (1,017,160)            | (712,694)              | (729,801)             |
| <b>Cash &amp; Securities on hand - April 30, 2023</b> | <b>\$ 21,446,529</b>   | <b>\$ 22,227,995</b>   | <b>\$ 22,558,879</b>   | <b>\$ 21,552,046</b>  |
| <b>Petty Cash</b> \$ <b>500</b>                       |                        |                        |                        |                       |
| <b>Citizens Business Bank</b> <b>431,568</b>          |                        |                        |                        |                       |
| <b>Kern County Treasury</b> <b>2,410,518</b>          |                        |                        |                        |                       |
| <b>JP Morgan Money Market</b> <b>5,054,744</b>        |                        |                        |                        |                       |
| <b>LPL Financial</b> <b>13,549,199</b>                |                        |                        |                        |                       |
| <b>\$ 21,446,529</b>                                  |                        |                        |                        |                       |
| <b>Restricted Reserves:</b>                           |                        |                        |                        |                       |
| Restricted Reserve Fund - Water Resources Manager     | \$ (278,332)           | \$ (300,000)           | \$ (300,000)           | \$ (300,000)          |
| <b>Unrestricted Reserves:</b>                         |                        |                        |                        |                       |
| Pipeline Maintenance                                  | (216,912)              | (216,912)              | (213,845)              | (213,845)             |
| Water Rights Protection & Litigation Reserve          | (3,168,358)            | (2,718,358)            | (2,765,446)            | (3,204,204)           |
| 2015-A COP Reserve Fund                               | (3,565,000)            | (4,015,000)            | (4,015,000)            | (372,600)             |
| Operating Reserve                                     | (5,000,000)            | (5,000,000)            | (5,000,000)            |                       |
| Capital Reserve                                       | (2,000,000)            | (2,000,000)            | (2,000,000)            |                       |
| Groundwater Program Reserve                           | (3,500,000)            | (3,500,000)            | (3,500,000)            |                       |
| <b>Total Reserves</b>                                 | <b>\$ (17,728,603)</b> | <b>\$ (17,750,270)</b> | <b>\$ (17,794,291)</b> | <b>\$ (4,090,649)</b> |
| <b>Cash Available - April 30, 2023</b>                | <b>\$ 3,717,926</b>    | <b>\$ 4,477,725</b>    | <b>\$ 4,764,588</b>    | <b>\$ 17,461,398</b>  |

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

|     | 2022                         | 2023     |                    |         |       |           |        |             |       |           |        |                |
|-----|------------------------------|----------|--------------------|---------|-------|-----------|--------|-------------|-------|-----------|--------|----------------|
|     | Actual<br>(Accum-<br>ulated) | Budgeted |                    | Actual  |       |           |        |             |       |           |        |                |
|     |                              | Monthly  | (Accum-<br>ulated) | Monthly |       |           |        | Accumulated |       |           |        | % of<br>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             |         |       |           |        |             |       |           |        |                |
| JUN | 44,588                       | 22,500   | 61,900             |         |       |           |        |             |       |           |        |                |
| JUL | 53,801                       | 22,200   | 84,100             |         |       |           |        |             |       |           |        |                |
| AUG | 60,468                       | 21,929   | 106,029            |         |       |           |        |             |       |           |        |                |
| SEP | 66,341                       | 10,600   | 116,629            |         |       |           |        |             |       |           |        |                |
| OCT | 67,924                       | 7,800    | 124,429            |         |       |           |        |             |       |           |        |                |
| NOV | 69,652                       | 6,500    | 130,929            |         |       |           |        |             |       |           |        |                |
| DEC | 70,429                       | 3,000    | 133,929            |         |       |           |        |             |       |           |        |                |



## KERN DELTA WATER DISTRICT

Aged Accounts Receivable

Past Due Accounts

May 16, 2023

| Account | Name                      | 0-30<br>Days | 31-60<br>Days | 61-90<br>Days | Over 90<br>Days | Total<br>Past Due |
|---------|---------------------------|--------------|---------------|---------------|-----------------|-------------------|
| 3713    | Cruz, Juan Carlos & Nancy | 0.95         | 0.93          | 0.92          | 61.19           | 63.99             |
| 5608    | Presidio Farm Development | 193.47       | 3.11          | -             | -               | 196.58            |
|         | OTHER                     | 52.36        | -             | -             | -               | 52.36             |
|         |                           | 246.78       | 4.04          | 0.92          | 61.19           | 312.93            |

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

|                                       | <u>04/30/2023</u>        | <u>03/31/2023</u>        | <u>Month-to-Month<br/>Variance</u> |
|---------------------------------------|--------------------------|--------------------------|------------------------------------|
| <b>Total Assets</b>                   |                          |                          |                                    |
| Current Assets                        |                          |                          |                                    |
| Cash & Cash Equivalents               | 7,868,169                | 7,592,267                | 275,901                            |
| Due From MWD                          | 2,451,334                | 3,272,006                | (820,671)                          |
| Due From SBVMWD                       | 627,671                  | 627,671                  | 0                                  |
| Inventory and Prepaids                | 113,446                  | 132,101                  | (18,655)                           |
| Total Current Assets                  | <u>11,060,620</u>        | <u>11,624,045</u>        | <u>(563,425)</u>                   |
| Fixed Assets                          |                          |                          |                                    |
| All Structures                        | 64,163,573               | 63,767,236               | 396,337                            |
| Machinery and Equipment               | 598,824                  | 418,064                  | 180,760                            |
| Less Accumulated Depreciation         | <u>(12,541,254)</u>      | <u>(12,484,754)</u>      | <u>(56,500)</u>                    |
| Fixed Assets Net of Depreciation      | <u>52,221,143</u>        | <u>51,700,546</u>        | <u>520,597</u>                     |
| Other Assets                          |                          |                          |                                    |
| Investment in Sunset Banking Project  | 1,615,590                | 1,615,591                | 0                                  |
| Total Other Assets                    | <u>1,615,590</u>         | <u>1,615,591</u>         | <u>0</u>                           |
| <b>Total Assets</b>                   | <b><u>64,897,353</u></b> | <b><u>64,940,182</u></b> | <b><u>(42,828)</u></b>             |
| <b>Total Liabilities &amp; Equity</b> |                          |                          |                                    |
| Equity                                |                          |                          |                                    |
| Capital Contributions From KDWD       | 9,527,537                | 9,527,537                | 0                                  |
| Equity From Past Years                | 55,840,112               | 55,840,112               | 0                                  |
| Accumulative Equity - Current Year    | <u>(470,296)</u>         | <u>(427,467)</u>         | <u>(42,828)</u>                    |
| Total Equity                          | <u>64,897,353</u>        | <u>64,940,182</u>        | <u>(42,828)</u>                    |
| <b>Total Liabilities &amp; Equity</b> | <b><u>64,897,353</u></b> | <b><u>64,940,182</u></b> | <b><u>(42,828)</u></b>             |



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

**Cash Received:**

|                   |                |
|-------------------|----------------|
| Received from MWD | 820,671        |
| Interest Received | 68,640         |
|                   | <u>889,311</u> |

**Cash Disbursed:**

|                                      |                  |
|--------------------------------------|------------------|
| Cross Landleveling - Old River Basin | (396,338)        |
| Quinn - New Backhoe #408             | (180,759)        |
| Weed Control Labor by Others         | (3,135)          |
| PG&E - Well Power                    | (1,040)          |
| Disbursements - Other                | (1,351)          |
|                                      | <u>(582,622)</u> |

**Positive/(Negative) Cash Variance Before FMV Adjustment**

**306,689**

**FMV Adjustment to Kern County Funds**

**(30,787)**

**Adjusted Positive/(Negative) Cash Variance**

**275,901**

**Kern Delta Water Banking Project  
Inventory/Prepays Variance Analysis  
April 30, 2023**

**Additions to Accounts:**

Chemicals Purchased

-

-

**Usage/Amortization:**

Chemicals Consumed During Month

(18,655)

(18,655)

**Net positive/(negative) variance**

**(18,655)**

**Kern Delta Water Banking Project**  
**Statement of Operating Results**  
**As of April 30, 2023**

|  | <b>Current<br/>Month</b> | <b>Year to<br/>Date</b> |
|--|--------------------------|-------------------------|
| <b><u>REVENUE:</u></b>                           |                          |                         |
| Interest Revenue                                 | 68,640                   | 87,395                  |
| Total Revenue                                    | <u>68,640</u>            | <u>87,395</u>           |
| <b><u>EXPENSES:</u></b>                          |                          |                         |
| Transfer and Exchange Fees                       |                          |                         |
| TRF Fees   | 0                        | 3,000                   |
| Total Transfer and Exchange Fees                 | <u>0</u>                 | <u>3,000</u>            |
| Other Costs                                      |                          |                         |
| Power Cost - Wells                               | 1,040                    | 3,898                   |
| CVC Operating Costs                              | 0                        | 297,023                 |
| CVC Power Costs                                  | 0                        | 2,397                   |
| Spreading OM&R                                   | 23,141                   | 103,259                 |
| Wells OM&R and Other                             | 0                        | 14                      |
| FMV Adjustment                                   | 30,787                   | (77,900)                |
| Depreciation                                     | 56,500                   | 226,000                 |
| Total Other Costs                                | <u>111,468</u>           | <u>554,691</u>          |
| Total All Expenses                               | <u>111,468</u>           | <u>557,691</u>          |
| <b>Favorable/(Unfavorable) Operating Results</b> | <b><u>(42,828)</u></b>   | <b><u>(470,296)</u></b> |
| Estimated 1st Qtr Revenue - MWD                  |                          | 1,250,000               |
| Estimated Fav/(Unfav) Operating Results          |                          | <u>779,704</u>          |

# KERN DELTA WATER BANKING PROJECT

## TREASURER'S REPORT

April 2023

|   | 2023                | 2022                | 2021                | 2020                 |
|---|---------------------|---------------------|---------------------|----------------------|
| Cash & Securities on hand - April 1, 2023               | \$ 7,592,267        | \$ 7,779,024        | \$ 7,322,867        | \$ 13,160,095        |
| Add: April receipts                                     | 859,883             | 330,472             | 1,790,390           | 31,463               |
| Less: April disbursements                               | (583,982)           | (507,282)           | (1,578,317)         | (102,796)            |
| <b>Cash &amp; Securities on hand - April 30, 2023</b>   | <b>\$ 7,868,169</b> | <b>\$ 7,602,214</b> | <b>\$ 7,534,941</b> | <b>\$ 13,088,761</b> |
| <b>Citizens Business Bank</b>                           | <b>\$ 379,857</b>   |                     |                     |                      |
| <b>Kern County Treasury</b>                             | <b>1,361,406</b>    |                     |                     |                      |
| <b>JP Morgan Money Market</b>                           | <b>3,129,906</b>    |                     |                     |                      |
| <b>LPL Financial</b>                                    | <b>2,997,000</b>    |                     |                     |                      |
| <b>\$ 7,868,169</b>                                     |                     |                     |                     |                      |
| Restricted Cash included in above:                      |                     |                     |                     |                      |
| OM&R Spreading  | \$ (82,174)         | \$ (224,436)        | \$ (375,211)        | \$ 801,602           |
| OM&R Extraction   | (506,377)           | (600,182)           | (515,339)           | (86,757)             |
| OM&R CVC/Delivery Canal                                 | -                   | -                   | -                   | (3,176,927)          |
| Take/Put Fees   | (3,997,385)         | (2,538,972)         | (1,237,011)         | (4,821,397)          |
| Total Restricted  | \$ (4,585,936)      | \$ (3,363,590)      | \$ (2,127,561)      | \$ (7,283,479)       |
| <b>Cash Available for Construction - April 30, 2023</b> | <b>\$ 3,282,233</b> | <b>\$ 4,238,624</b> | <b>\$ 5,407,381</b> | <b>\$ 5,805,284</b>  |

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

|                                       | <u>04/30/2023</u>       | <u>03/31/2023</u>       |
|---------------------------------------|-------------------------|-------------------------|
| <b>Assets</b>                         |                         |                         |
| Current Assets                        |                         |                         |
| Cash & Cash Equivalents               | 3,118,177               | 3,118,176               |
| Total Current Assets                  | <u>3,118,177</u>        | <u>3,118,176</u>        |
| Fixed Assets                          |                         |                         |
| Construction in Progress              | 3,293,262               | 3,293,263               |
| Total Fixed Assets at Cost            | <u>3,293,262</u>        | <u>3,293,263</u>        |
| Net Fixed Assets                      | <u>3,293,262</u>        | <u>3,293,263</u>        |
| <b>Total Assets</b>                   | <u><b>6,411,439</b></u> | <u><b>6,411,439</b></u> |
| <b>Liabilities &amp; Equity</b>       |                         |                         |
| Current Liabilities                   |                         |                         |
| Accounts Payable                      | 0                       | 0                       |
| Total Current Liabilities             | <u>0</u>                | <u>0</u>                |
| Equity                                |                         |                         |
| Contributions to Equity - KDWD        | 1,627,928               | 1,627,928               |
| Contributions to Equity - KDWBP       | 1,627,929               | 1,627,929               |
| Contributions to Equity - AEWS        | 3,255,856               | 3,255,856               |
| Equity From Past Years                | (49,350)                | (49,350)                |
| Accumulated Equity - Current Year     | (50,924)                | (50,924)                |
| Total Equity                          | <u>6,411,439</u>        | <u>6,411,439</u>        |
| <b>Total Liabilities &amp; Equity</b> | <u><b>6,411,439</b></u> | <u><b>6,411,439</b></u> |

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

|                                      | <u>Current<br/>Month</u> | <u>Year to<br/>Date</u> |
|--------------------------------------|--------------------------|-------------------------|
| <b><u>Revenue</u></b>                |                          |                         |
| Interest Revenue                     | 0                        | 22                      |
| Miscellaneous Revenue                | 0                        | 19                      |
| Total Revenue                        | <u>0</u>                 | <u>41</u>               |
| <b><u>Expenses</u></b>               |                          |                         |
| FMV Adjustment                       | 0                        | 50,965                  |
| Total Expenses                       | <u>0</u>                 | <u>50,965</u>           |
| <b>Fav/(Unfav) Operating Results</b> | <u><b>0</b></u>          | <u><b>(50,924)</b></u>  |

**SUNSET BANKING PROJECT**

**TREASURER'S REPORT**

**April 2023**

|   | <b>2023</b>         | <b>2022</b>       | <b>2021</b> |             |
|---|---------------------|-------------------|-------------|-------------|
| Cash & Securities on hand - April 1, 2023   | \$ 3,118,176        | \$ 964,340        | \$ -        |             |
| Add: April receipts   | 0                   | 2,012             | -           |             |
| Less: April disbursements   | -                   | (546,210)         | -           |             |
| <b>Cash &amp; Securities on hand - April 30, 2023</b>   | <b>\$ 3,118,177</b> | <b>\$ 420,142</b> | <b>\$ -</b> | <b>\$ -</b> |
| <div> <div>Citizens Business Bank</div> <div>255,764</div> <div>Kern County Treasury</div> <div>2,862,413</div> <div><u>\$ 3,118,177</u></div> </div> |                     |                   |             |             |
| <b>Unrestricted Reserves:</b>   |                     |                   |             |             |
| None  |                     |                   |             |             |
| <b>Total Reserves</b>   | <b>\$ -</b>         | <b>\$ -</b>       | <b>\$ -</b> | <b>\$ -</b> |
| <b>Cash Available - April 30, 2023</b>  | <b>\$ 3,118,177</b> | <b>\$ 420,142</b> | <b>\$ -</b> | <b>\$ -</b> |

**Kern Delta Water District  
Investments - US Treasury  
Investment Summary**

| Maturity Date | Quantity (Q) | Par Value (PV) | Customer Price (P) | Principal (Prin)<br>(Q x P) | Accrued Interest (AI) | Service Charge | Net Money (NM)<br>(Prin + AI) | Coupon Rate (CR) | Coupon Interest (Cou) | Discount Returned (Disc)<br>(PV - Prin) | Estimated Total Yield (Y)<br>(Cou + Disc) | YTM    | Value at Maturity<br>(Prin + EYV) |
|---------------|--------------|----------------|--------------------|-----------------------------|-----------------------|----------------|-------------------------------|------------------|-----------------------|---|---|--------|-----------------------------------|
| 1/24/2023     | 999          | 999,000        | 991.61             | 990,615.59                  | -                     | 5              | 990,621                       | 0.000%           | -                     | 8,384                                   | 8,384                                     | 3.511% | 999,000                           |
| 1/26/2023     | 999          | 999,000        | 991.32             | 990,328.68                  | -                     | 5              | 990,334                       | 0.000%           | -                     | 8,671                                   | 8,671                                     | 3.551% | 999,000                           |
| 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                         |
| 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                         |
| 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                         |
| 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                         |
| 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                         |
| 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                         |
| 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                         |
| 10/15/2024    | 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                         |
| 10/31/2024    | 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                         |
| 10/31/2024    | 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                         |
|               |              | 15,998,000     |                    | 15,490,235                  | 41,848                | 60             | 15,532,144                    |                  | 323,366               | 507,765                                 | 831,131                                   |        | 16,321,366                        |

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

| Maturity Date | Quantity (Q) | Par Value (PV) | Customer Price (P) | Principal (Prin)<br>(Q x P) | Accrued Interest (AI) | Service Charge | Net Money (NM)<br>(Prin + AI) | Coupon Rate (CR) | Coupon Interest (Cou)<br>(PV x CR) | Discount Returned (Disc)<br>(PV - Prin) | Estimated Total Yield (Y)<br>(Cou + Disc) | YTM<br>(Y / Prin) | Value at Maturity<br>(Prin + EYV) |
|---------------|--------------|----------------|--------------------|-----------------------------|-----------------------|----------------|-------------------------------|------------------|------------------------------------|---|---|-------------------|-----------------------------------|
| 4/13/2023     | 999          | 999,000        | 981.93             | 980,949.74                  | -                     | 5              | 980,955                       | 0.000%           | -                                  | 18,050                                  | 18,050                                    | 4.198%            | 999,000                           |
| 4/20/2023     | 999          | 999,000        | 980.82             | 979,840.12                  | -                     | 5              | 979,845                       | 0.000%           | -                                  | 19,160                                  | 19,160                                    | 4.274%            | 999,000                           |
| 4/27/2023     | 999          | 999,000        | 979.89             | 978,907.61                  | -                     | 5              | 978,913                       | 0.000%           | -                                  | 20,092                                  | 20,092                                    | 4.306%            | 999,000                           |
|               |              | 2,997,000      |                    | 2,939,697                   | -                     | 15             | 2,939,712                     |                  | -                                  | 57,303                                  | 57,303                                    |                   | 2,997,000                         |



# Tab IV





**OPERATIONS AND PROJECTS  
COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**TUESDAY May 2, 2023  
10:30 AM**

**A G E N D A**

- 1. Call to Order**
- 2. Public Comment Period**
- 3. Assistant General Manager's Report:**
  - a. Approve the minutes of the Operations and Projects Committee Meeting of March 7, 2023
  - b. Encroachment Permit Update
  - c. District Facility and Banking Maintenance Report
  - d. Water Banking Construction and Power Invoices
  - e. Pending Development Projects
  - f. Update on Automated Flow Measurement Project
  - g. Sunset Basins Update
  - h. Old River Basins Update
- 4. Committee Comments**
- 5. Adjourn**

A handwritten signature in black ink that reads "Chris Bellue". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Chris Bellue  
Assistant General Manager

Posted: Friday, April 28, 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 OPERATIONS AND PROJECTS COMMITTEE**  
**Tuesday, May 2, 2023**

---

DIRECTORS PRESENT: Mendonca, Spitzer, Fanucchi and Borba.

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, District Counsel Iger, Staff Engineer DeLeon, and Administrative Assistant Rodriguez.

**CALL TO ORDER**

Director Mendonca called the meeting to order at 10:33 A.M.

**1. PUBLIC COMMENTS**

None.

**2. ASSISTANT GENERAL MANAGER'S REPORT:**

- a. Approve minutes of the Operations and Projects Committee Meeting of March 7, 2023: M/S/C (Fanucchi/Spitzer) (yes-4, no-0): The Committee approved the minutes of the Operations and Projects Committee meeting held on March 7, 2023.
- b. Encroachment Permit Update: None to report.
- c. District Facility and Banking Maintenance: Mr. Bellue discussed several items of note including improving District safety compliance by installing fire-proof cabinets and spill containment tubs inside the shop. The construction of a removeable lid to better access and remove debris at the DiGiorgio weir of the Eastside Canal. The cleaning and maintenance of trash racks throughout the District was also noted.
- d. Water Banking Construction and Power Invoices: M/S/C (Spitzer/Borba) (yes-4, no-0): The Committee recommended the Board approve payment of Water Banking and Power Invoices totaling \$5,071.59.
- e. Pending Development Projects: Mr. Bellue provided a brief update on pending projects throughout the District.
- f. Update on Automated Flow Measurement Project: M/S/C (Fanucchi/Spitzer) (yes-4, no-0): The committee recommended the item be forwarded to the May 2023 Board meeting for further discussion and approval of the revised proposal from Sierra Hydrographic in an amount not to exceed \$555,315.54.
- g. Sunset Basins Update: Staff provided a brief update on this item.
- h. Old River Basins Update: Staff provided a brief update on this item.

**3. ADJOURN**

Director Mendonca adjourned the meeting at 11:43 A.M.

Respectfully submitted,

---

Joey Mendonca – Chair

## Maintenance Report

April 2023

1. **Structure and Turnout Repairs.** The following jobs were completed during the month.
  - a. Make access lid to remove trash and debris from under DiGiorgio backup on the catwalks, also welded chains to gate to prevent them from falling into gate flapper.
  - b. Adjust the over pour height on 13 Ditch return structure.
  - c. Fabricated and installed 2 catwalks on Randall ditch structures that were unsafe for employees to access.
  - d. Weld new stem on gate on turnout 3-2-190 on the Central.
2. **Shop.** The following jobs were completed during the month;
  - a. Normal service and repairs on District vehicles and equipment.
  - b. Prepare new backhoe # 408.
  - c. Replace brakes on trash truck # 323.
  - d. Installed new cutting edge on grader # 403 mull-board.
  - e. Installed new fire-proof cabinets and anti-spill for oil in shop.
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. Sloped the Central Canal from Lake to the head and the East Branch. Started sloping Stine Canal from the end working north.
5. **Backhoe # 402** The following jobs were completed during the month;
  - a. Build and remove dam on Branch 1 for repair on lined section below Taft Hwy.
  - b. Fix wash ins on the BV canal from Taft Hwy south.
6. **Backhoe # 404** The following jobs were completed this month;
  - a. Helped in removing and cutting trees on Kern Island between Planz and Wilson.
  - b. Cleaned East Branch.
  - c. Cleaned up homeless encampments.
7. **Backhoe # 408** The following jobs were completed this month;
  - a. Fix wash ins on Kern Island between Columbus and 34<sup>th</sup> St.
  - b. Clean the 15 Ditch lined section along Old River Road.
  - c. Haul dirt to head of BV north of Howell Dr for erosion repair.
8. **Weed Spraying.** The following canals were sprayed during the month;
  - a. The Central Canal was spot treated for weeds around turnouts and headwalls after the grader passed through.
  - b. The Kern Island, Branch1, 18 North and South, and 13 Ditch were treated.
  - c. Started on Eastside canal from head and working south.
9. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
  - a. Treatments were done on the Central and Kern Island canals.

**10. Rodent Control**

- a. Bait stations were checked and filled throughout the district this month and moved the nonactive stations to areas with activity.

**11. Trash Removal.**

- a. Clean trash racks throughout District.
- b. Removed trash left behind from homeless encampments.

**12. Fence Repairs.** Fences and Gates were repaired at the following locations;

- a. Kern Island Canal - 34<sup>th</sup>, 30<sup>th</sup>, Wilson and Pacheco.
- b. Central Canal- Terrace Way and Union.
- c. Eastside Canal- Sterling, Fairfax and Edison.
- d. Stine Canal – Grissom and Park Circle.
- e. BV- Gate fell off hinges on Ridge Oak.

**13. Safety Meetings.** Weekly tailgate safety topics were;

- a. Storing, Inspecting, Maintaining, and Using Portable Ladders.
- b. What Is Your SDS Telling You About The Products You're Using.
- c. Don't Put Your Life On The Line.
- d. Don't Let The Warm Weather Leave You Bitten.

**14. Water Banking Activities.** The following jobs were completed during the month;

- a. Mowed 1 cell of the 20 ac along Ash (Romero Basins).
- b. Haul rip-rap to Old River basins and install on canal bank to prevent erosion from bypass.

**15. Future Projects.** The following projects will be completed as time permits:

- a. Trim and remove trees/brush as needed along canals for grader passage.
- b. Continue to monitor sinkholes on the sides of Shafter Road (Smith Judd Canal) and Gosford Road (Farmers Canal) and coordinate with KC Roads Department
- c. Replace BV East Canal crossing at the Maple Canal.
- d. Replace or remove crossing on the Stine 5-0-546 backup structure/crossing no longer needed and is failing.

**15. Future Water Banking Projects.**

- a. Skim sediment off pond bottoms to improve recharge.
- b. Repair erosion around basin structures
- c. Dredge and repair canals following big water year.

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

**Tuesday, May 2, 2023**

| #     | PAYEE            |                | AMOUNT   | CHECK |
|-------|------------------|----------------|----------|-------|
| 1     | DANIELS TIRE     | Repairs #402   | 347.90   | 3613  |
| 2     | PGE - AE4        | Well Utilities | 181.04   | 3614  |
| 3     | PGE - KD1        | Well Utilities | 41.99    | 3615  |
| 4     | PGE - KI8        | Well Utilities | 63.06    | 3616  |
| 5     | PGE - KI7        | Well Utilities | 62.07    | 3617  |
| 6     | PGE - AE2        | Well Utilities | 61.57    | 3618  |
| 7     | PGE - KD2        | Well Utilities | 150.03   | 3619  |
| 8     | PGE - AE3        | Well Utilities | 62.47    | 3620  |
| 9     | QUINN            | Pump #402      | 966.46   | 3621  |
| 10    | STEPHEN B. SMITH | Weed Control   | 3,135.00 | 3622  |
| TOTAL |                  |                | 5,071.59 |       |



| 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                | -     | Meter needs to be installed                              |
| 2         | P      | AT&T                         | Install fiber crossing        | Central Branch Canal    | Panama Lane              | X        | X        | X                | -     | Construction TBD   |
| 3         | P      | Cal Water                    | Well Purge/Tie-In             | Multiple                | Multiple                 | -        | -        | -                | -     | No update  |
| 4         | P      | Caltrans                     | Pumpkin Center                | Multiple                | Taft Hwy                 | -        | -        | -                | X     | Sent Caltrans information on canal crossings, agreements |
| 5         | P      | DeWalt                       | Culvert Extension             | Kern Island Main Canal  | South of Hosking         | X        | P        | -                | X     | Ongoing  |
| 6         | P      | Hathaway                     | Longterm access request       | Eastside Canal          | South of Panama Lane     |          |          |                  |       | Sent access agreement, waiting response                  |
| 7         | P      | HP LLC                       | Fiber Crossing                | Multiple                | Multiple                 | X        | X        | X                |       | 34th Street complete, White Ln pending                   |
| 8         | P      | KC Superintendent of Schools | Block Wall                    | East Branch Canal       | Union Ave                |          |          |                  |       | Staff yet to receive plans                               |
| 9         | P      | KDWD                         | Grading                       | Old River Basins        | North of Taft Hwy        | -        | -        | -                | X     | Construction almost complete                             |
| 10        | P      | KDWD                         | Pumps and pipeline(s)         | Sunset Basins           | North of Sunset Blvd     | X        | X        | -                | X     | Waiting on pumps, structure, electrical                  |
| 11        | P      | KDWD                         | Wells                         | Old River Basins        | North of Taft Hwy        | -        | -        | -                | X     | Need to select consulting engineer                       |
| 12        | P      | Lane Engineers               | Culvert Extension             | Kern Island Main Canal  | North of Taft Hwy        | X        | X        | -                | X     | Construction anticipated this December                   |
| 13        | P      | Lane Engineers               | Utility crossing              | Kern Island Main Canal  | North of Taft Hwy        | X        | X        | X                | -     | Plans signed   |
| 14        | P      | LAV // Pinnacle              | Pipeline & Realignment        | Branch One Canal        | South of Taft Hwy        | -        | -        | -                | X     | No update  |
| 15        | P      | McIntosh & Associates        | Pipeline & Realignment        | Section 31 Ditch        | North of McCutchen       | X        | X        | -                | X     | Contractor to fix minor issues                           |
| 16        | P      | McIntosh & Associates        | Fencing, Road crossing        | Burness Ditch           | North of Taft Hwy        | X        |          |                  |       | 2nd plan check underway                                  |
| 17        | P      | McIntosh & Associates        | Pipeline & Realignment        | Branch II Canal         | North of McKee           | X        | P        | -                | X     | Zeiders working with McIntosh                            |
| 18        | P      | McIntosh & Associates        | Wrought Iron Fencing          | Branch One Canal        | East of Hwy 99           | X        | X        | X                | -     | Waiting for contractor insurance                         |
| 19        | P      | McIntosh & Associates        | Pipeline & Realignment        | Branch II & Stine Canal | West of Gosford          | -        | -        | -                | X     | Zeiders working with McIntosh                            |
| 20        | P      | Memorial                     | Solar Project                 | Eastside Canal          | North of 34th Street     | -        | -        | -                | X     | No update  |
| 21        | P      | Panama Buena Vista USD       | Pipeline & Realignment        | Randall Ditch           | West and East of Gosford |          |          |                  |       | Staff met with school district                           |
| 22        | P      | PG&E                         | Undergrounding power, 34th St | Multiple                | 34th Street              | X        | X        | X                | -     | No update  |
| 23        | P      | WRMWSO/KDWD                  | 5G Tie-In                     | Buena Vista             | North of S. Lake Rd      | -        | -        | -                | -     | On going staff discussions                               |
| 24        | C      | KDWD                         | 13 Ditch Return Repair        | 13 Ditch                | North of Shafter Road    |          |          |                  |       | Repaired complete  |
| 25        | C      | Laurel Ag                    | New turnout                   | Eastside Canal          | End of Eastside          | X        | X        | X                |       |  |
| 26        | C      | PG&E                         | Bridge removal                | Eastside Canal          | North of 30th Street     | -        | -        | -                | X     | Expected to be completed by Feb 8th, 2023                |
| 27        | C      | Cal Water                    | Waterline                     | Kern Island Main Canal  | N Street                 | X        | X        | X                | -     | Complete   |
| 28        | C      | EDP Renewables               | Canal Access                  | Rim Ditch               | Between I-5 and Ashe     | -        | -        | -                | X     | Complete   |
| 29        | C      | KDWD                         | Traveling Screens             | Central Branch Canal    | North of AE Intake Canal | -        | -        | -                | X     | Complete   |
| 30        | C      | Murray Family Farms          | Install sign                  | Rim Ditch               | North of Rim Ditch       | X        |          |                  |       | Complete   |
| 31        | C      | KDWD                         | Annual Engineering Report     | N/A                     | N/A                      | -        | -        | -                | -     | Complete   |
| 32        | C      | KDWD                         | 2021 Crop Report              | N/A                     | N/A                      | -        | -        | -                | -     | Complete   |
| 33        | C      | PG&E                         | Overhead Power                | Central Branch Canal    | South of Panama Lane     | X        | X        | X                | -     | Complete   |
| 34        | C      | Power Plus!                  | Temp Overhead Power           | Central Branch Canal    | Central near KD-02 Site  | X        | X        | X                | -     | Installed  |
| 35        | C      | South Valley                 | Well discharge                | Kern Island Main Canal  | South of McKee           | X        | X        | X                | -     | Purge well into canal                                    |
| 36        | C      | Swanson Engineers            | Branch One Easement           | Branch One Canal        | Planz Road               | X        | X        |                  | X     | Quitclaim of old easement needs to be recorded           |
| 37        | C      | Cal Water                    | New water line crossing       | 13 Ditch                | South of Shafter Rd      | -        | -        | X                | -     | Bore completed. Waiting for temp line to be removed      |
| 38        | C      | PG&E                         | Overhead Power                | Stine Canal             | North of McCutchen       | X        | X        | X                |       | Overhead power installed                                 |
| 39        | C      | KHSD                         | Pedestrian path               | Central Branch Canal    | North of Panama Lane     | X        | X        | X                | -     | Temporary pedestrian path installed                      |
| 40        | C      | McIntosh & Associates        | Culvert Extension             | Eastside Canal          | South of Redbank         | X        | X        | -                | X     | Culvert Extension completed                              |
| 41        | C      | Kern Oil Refining            | Relocate vents                | Central Branch Canal    | Panama Lane              | X        | X        | X                | -     | Relocation of existing vents                             |
| 42        | C      | KDWD                         | Fencing                       | Banking Ponds           | Romero, KI, B1 Basins    | -        | -        | -                | X     | Board approved contract with Lamont Fence                |
| 43        | C      | KDWD                         | East Branch Canal Pipeline    | East Branch Canal       | South of Casa Loma       | -        | -        | -                | -     | Busted pipeline  |
| 44        | C      | Watson AG/2B Farming         | Canal crossing                | Stine Canal             | South of Taft Hwy        | X        | X        | X                |       |  |

**Kern Delta Water District**  
**KDWD 22-02 – Old River Basins Grading Project**  
**Contract Change Order**

Change Order No. 001

Date: May 11, 2023

To: Kreg Cross  
Lonnie A. Cross Land Levelling

From: Steve Teglia – General Manager  
Kern Delta Water District

This Change Order modifies and amends the provisions of that Contract dated December 6, 2022 by and between Kern Delta Water District (“Owner”) and Contractor. The following items are hereby changed:

In consideration of an extraordinary rainfall period during the months of January, February and March and resulting inability of the Contractor to perform earthmoving activities on 22 working days and an additional 5 working days where the amount and type of work was significantly reduced, the Contractor has requested that an additional 16 calendar days be added to time permitted for performance of the Contract. The Contract is modified as follows:

An additional 16 calendar days are permitted for the performance of the Contract after the original completion date of April 27, 2023. With the additional time granted by this Contract Change Order, the Work **shall be completed no later than May 13, 2023.**

Also and as a result of the above, the District requested that the Contractor work overtime to complete the project on an accelerated schedule to make up for lost time resulting from the rain delays. The costs of additional changes requested are as follows:

| <u>Item and Description</u>                                    | <u>Total Price</u> |
|--|--------------------|
| 1. Addition of stilling wells to two Briggs MFG. weir boxes    | \$1,081.08         |
| 2. Water pump rental to maintain water level due to weir leaks | \$1,600.00         |
| 3. Saturday delivery of concrete                               | \$185.11           |
| 4. Overtime  | \$16,612.57        |
| 5. Bond Costs  | <u>\$85.98</u>     |
| Total =  | \$19,564.74        |

As a result of the change(s) described above the amount payable to Contractor is modified as follows:

The total cost for this change represents an increase in the Contract price by the amount of \$19,564 and 74/100 DOLLARS (\$19,564.74), including all applicable taxes, markups, shipping, and handling. **The new Contract price is \$1,147,628.22.**



**EXCEPT AS SET FORTH ABOVE, ALL TERMS AND PROVISIONS OF THE CONTRACT AND ALL PRIOR CHANGE ORDERS REMAIN IN FULL FORCE AND EFFECT.**

Execution of this Change Order by both parties constitutes a binding agreement with regard to the direct costs relating to this change order. Contractor reserves the right to request additional compensation at a later date with regard to the impacts or other indirect costs arising from or related to the work which is the subject of this Change Order. Owner may require consent of the Contractor's surety, if any, to the terms of this Change Order.

**CONTRACTOR**

By: \_\_\_\_\_  
[Authorized Representative, Written Signature]

\_\_\_\_\_  
[Authorized Representative, Typed or Printed Name]

Title: \_\_\_\_\_  
[Individual, Partner, Corporate Officer (Title)]

**KERN DELTA WATER DISTRICT**

By: \_\_\_\_\_

Title: \_\_\_\_\_

**KERN DELTA WATER DISTRICT  
SERVICES CONTRACT 2023-05**

This Contract, made and entered into by and between the Kern Delta Water District, hereinafter referred to as “District” and Sierra Hydrographics, hereinafter referred to as “Contractor.”

District and Contractor agree as follows:

- 1) SCOPE OF WORK: Contractor will construct, install, and maintain remote sensing stations for District as described in the attached proposal.
- 2) ASSIGNMENT TO CONTRACTOR: In the performance of the services requested under this Agreement, Contractor shall report to and receive written assignments from the General Manager or such other person or officer who the General Manager may designate. Contractor shall not perform any services without a written assignment from the District.
- 3) TERM: This Contract shall become effective upon execution by District. District and/or Contractor may terminate this Contract for any reason with thirty (30) days written notice. In the event of termination, District shall pay Contractor for all authorized services performed and all authorized expenses incurred to date of termination of the Contract.
- 4) COMPENSATION: Compensation under this Contract shall not exceed \$555,315.54 in total without written authorization from District.
- 5) PAYMENTS: Charges shall be billed monthly to the District and payment by the District shall be made within 45 days of receipt of each undisputed invoice. Detailed invoices shall be submitted to the Kern Delta Water District, 501 Taft Highway, Bakersfield, CA 93307. Contractor shall keep adequate records of all services and charges to the District and make them available if requested by the District.
- 6) PREVAILING WAGE: Pursuant to Labor Code sections 1720 *et seq.* and 1770 *et seq.*, Contractor shall pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). Prevailing wage schedules for Kern County are available from the Department of Industrial Relations - Division of Labor Statistics and Research via the Internet at [www.dir.ca.gov](http://www.dir.ca.gov). A prevailing wage scale is also on file in the office of the District and copies may be obtained upon request. Should Contractor intend to use a craft or classification not shown on the prevailing rate determinations, Contractor may be required to pay the rate of the craft or classification most closely related to it.
- 7) DIR REGISTRATION: Contractor shall be registered pursuant to Labor Code section 1725.5.
- 8) CONTRACT DOCUMENTS: The complete agreement of the parties includes this Contract, the Scope of Work and any supplemental agreements between the District and Contractor.
- 9) INDEMNITY: To the fullest extent permitted by law, Contractor shall hold harmless, defend at its own expense, and indemnify District, its directors, officers, and employees against any and all liability, claims, losses, damages, or expenses, including reasonable attorney’s fees and costs, arising from all acts or omissions of Contractor or its officers, agents, or employees in rendering services under this contract; excluding, however, such liability, claims, losses, damages, or

expenses arising from District's sole negligence or willful acts.

- 10) **INSURANCE REQUIREMENTS:** Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractors, his agents, representatives, employees, or subcontractors. Coverage shall be at least as broad as the following:
- a. Commercial General Liability Insurance, including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of policies available, whichever is greater. District shall be named as Additional Insured with respect to liability arising out of work or operations performed by or on behalf of the Contractors including materials, parts, or equipment furnished in connection with such work or operations. Contractor's insurance shall be primary and not contribute with any insurance maintained by District.
  - b. Auto Liability covering all owned, non-owned and hired automobiles in the amount of one million dollars (\$1,000,000) per each accident.
  - c. Workers' Compensation – as required by the State of California with Statutory Limits, and Employer's Liability insurance with a limit no less than one million dollars (\$1,000,000) per accident for bodily injury or disease.

If the Contractor maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or higher limits maintained by the Contractor. Any available insurance proceeds more than the specified minimum limits of insurance and coverage shall be available to the District.

The general liability policy must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status:** District, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations.
2. **Primary Coverage:** For any claims related to this project, the Contractor's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the District, its directors, officers, employees, and authorized volunteers. Any insurance or self-insurance maintained by the District its directors, officers, employees, and authorized volunteers shall be excess of the Contractor's insurance and shall not contribute with it.

**Notice of Cancellation:** Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the District.

**Self-Insured Retentions** - Self-insured retentions must be declared to and approved by the District. The District may require the Contractor to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or District.

**Acceptability of Insurers** - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by District.

**Verification of Coverage** – Contractor shall furnish the District with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages.

**Subcontractors** - Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that District its directors, officers, employees, and authorized volunteers are an additional insured on Commercial General Liability Coverage.

- 11) COMPLIANCE WITH LAW; PERMITTING: Contractor will comply with all local, state, and federal regulations and statutes including Cal/OSHA requirements and its applicable guidelines to COVID-19 relating to essential work permitted by the State of California. Any permits required by governmental authorities will be obtained at Contractor's expense.
- 12) INDEPENDENT CONTRACTOR: This Agreement calls for Contractor's performance of the Scope of Work as an independent contractor. Contractor is not an agent or employee of District for any purpose and is not entitled to any of the benefits provided by District to its employees. This Agreement shall not be construed as forming a partnership or any other association with Contractor other than that of an independent contractor.
- 13) DIRECTION: Contractor retains the right to control or direct the manner in which the services described herein are performed.
- 14) EQUIPMENT: Contractor will supply all equipment, tools, materials and supplies necessary to perform the services under this Agreement.
- 15) NOTICE: Any notice or instrument required to be given or delivered by this Contract may be given or delivered by personal delivery or by depositing the same in a United States Post Office, registered or certified, postage prepaid, addressed to:

DISTRICT: Kern Delta Water District  
501 Taft Highway  
Bakersfield, CA 93307  
ATTN: Chris Bellue

CONTRACTOR: Sierra Hydrographics.  
42163 Bald Mountain Road  
Auberry, Ca 93602  
ATTN: Dan Garrigue

This Contract is executed by the District pursuant to (an action of its Governing Body or its Purchasing Policy) authorizing the same, and Contractor has caused this Contract to be duly executed.

**DISTRICT**

**CONTRACTOR**

---

Steven L. Teglia  
General Manager

---

Dan Garrigue  
Owner

Dated: May 17, 2023

Approved as to Form:

---

Richard Iger  
General Counsel

| Location                     | Encoder | Iqs | Equipment Rental | Materials   | Gaging Equipment | Labor       | WebPortal /Cell | Total        |              |
|------------------------------|---------|-----|------------------|-------------|------------------|-------------|-----------------|--------------|--------------|
| Kern Island Weir 631         | 1       | 0   | \$684.00         | \$5,134.31  | \$12,798.45      | \$24,617.75 | \$743.52        | \$43,978.03  | \$43,978.03  |
| Kern Island Weir 631 A       | 1       | 0   | \$684.00         | \$6,145.08  | \$40,224.16      | \$28,231.35 | \$743.52        | \$76,028.11  | \$76,028.11  |
| Central Branch               | 1       | 0   | \$684.00         | \$5,134.31  | \$12,798.45      | \$24,617.75 | \$743.52        | \$43,978.03  | \$43,978.03  |
| Branch 1                     | 1       | 0   | \$684.00         | \$7,085.97  | \$12,798.45      | \$26,613.75 | \$743.52        | \$47,925.69  | \$47,925.69  |
| Eastside Canal At DiGiorgio  | 1       | 3   | \$684.00         | \$8,629.95  | \$59,517.85      | \$40,257.20 | \$743.52        | \$109,832.52 | \$109,832.52 |
| Kern Island Canal Met Backup | 1       | 2   | \$684.00         | \$8,629.25  | \$59,517.85      | \$40,434.80 | \$743.52        | \$110,009.42 | \$110,009.42 |
| Rim Canal Weir 551           | 2       | 3   | \$684.00         | \$10,855.97 | \$62,383.05      | \$48,897.20 | \$743.52        | \$123,563.74 | \$123,563.74 |

\$555,315.54



# Sierra Hydrographics

42163 Bald Mountain Road

Auberry, Ca 93602

PHONE (559) 855-4420

FAX (559) 855-5660

CELL (559) 385-1033

e-mail [steve@sierrahydrographics](mailto:steve@sierrahydrographics)

Kern Delta Water District

Kern Island Canal Weir No. 631

July 17, 2022

Updated May 1, 2023

It is desired to monitor the discharge over the sharp crested weir No. 631 on the Kern Island canal. There is an existing stilling well on site that contains an old sonic sensor. The sonic sensor will be removed and the stilling well flushed. An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape better. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a stainless steel tape with a float on one side and a counterweight on the other side hanging from a pulley on the encoder. A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55-amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.





Single pole station



Encoder on a stilling well with access door below

The wood that the staff gage is mounted to has deteriorated and needs to be replaced. We will replace the wood and remount the staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.

After the gage is complete a table can be built on the dimensions of the weir. A few discharge measurements should be made to verify a rating curve for the weir. These discharge measurements are not included.





Stilling well and Staff gage mount

Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |             |
|---------------------------|-------------|
| Equipment rental          | \$684.00    |
| Materials                 | \$5,134.31  |
| Gaging equipment          | \$12,798.45 |
| Labor / Travel / Per Diem | \$24,617.75 |
| Web portal and Cell Fees  | \$743.52    |
| Total                     | \$43,978.03 |

Pricing valid for 90 days



# Sierra Hydrographics

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Kern Delta Water District

Kern Island Canal Weir No. 631A

June 6, 2022

Updated May 1, 2023

It is desired to monitor the discharge past the three 36" gates at Weir 631A. Currently there are three 36" round slide gates. Below gates in the pipes are McCrometer propeller meter, these meters are easily affected by vegetation and moss, they no longer work properly. It is suggested to install SonTek Pipe IQs in the pipes to measure the discharge. In the interest of saving money most of the normal discharge can be ran through two of the pipes. There is a board check weir downstream roughly .5 miles from the gates. Was discussed possibly using this to measure the discharge, after looking into the calculations it does not look like a good option. For most of the flows desired two IQs should cover it. All the flow will have to been ran through the pipes with IQs. The IQs will be mounted to the top of the pipe to avoid sediment from gathering on the sensor. The IQ's will be mounted using SonTek expanding stainless steel rings.

The datalogger and batteries will be mounted in a NEMA box mounted to a pole. A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house two 55amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The NEMA box lacks good locking hardware so addition lock protection will be added.







Looking downstream



## Single pole station



IQ mounted to top of pipe.

Cost for installation of GOES and Cell telemetered site with two SonTek Pipe IQs.

|                           |             |
|---------------------------|-------------|
| Equipment rental          | \$684.00    |
| Materials                 | \$6,145.08  |
| Gaging equipment          | \$40,224.16 |
| Labor / Travel / Per Diem | \$28,231.35 |
| Web portal and Cell Fees  | \$743.52    |
| Total                     | \$76,028.11 |

Pricing valid for 90 days



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e-mail [steve@sierrahydrographics](mailto:steve@sierrahydrographics)

Kern Delta Water District

Central branch

July 18, 2022

Updated May 1, 2023

It is desired to monitor the discharge over the sharp crested weir on the Central Branch canal. There is an existing stilling well on site that contains an old sonic sensor. The sonic sensor will be removed and the stilling well flushed. An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape possible. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a stainless-steel tape with a float of one side and a counterweight on the other side hanging from a pulley on the encoder. A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55-amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.





Single pole station



Encoder on a stilling well with access door below

The wood that the staff gage is mounted to has deteriorated and needs to be replaced. We will replace the wood and remount the staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.

After the gage is complete a table can be built on the dimensions of the weir. A few discharge measurements should be made to verify a rating curve for the weir. These discharge measurements are not included.





Staff gage mount

Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |             |
|---------------------------|-------------|
| Equipment rental          | \$684.00    |
| Materials                 | \$5,134.31  |
| Gaging equipment          | \$12,798.45 |
| Labor / Travel / Per Diem | \$24,617.75 |
| Web portal and Cell Fees  | \$743.52    |
| Total                     | \$43,978.03 |

Pricing valid for 90 days



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Kern Delta Water District

Branch 1 Canal

July 17, 2022

Updated May 1, 2023

It is desired to monitor the discharge over the sharp crested weir on the Branch 1 canal. There is no existing stilling well, a stilling well will need to be added. The stilling well will be made of 18 or 24 inch by 3/8 wall pipe depending on what is available in surplus pipe at the time. A plate will be attached to the top of the pipe, we will also build a steel box to cover the cover the encoder. This cover will be hinged similar to the existing stilling wells and covers in the system already. The stilling well will be attached to the left bank upstream head wall, we will drill into the concrete and epoxy in stainless steel hardware to secure it. An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape better. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a stainless-steel tape with a float of one side and a counterweight on the other side hanging from a pulley on the encoder.

The channel has a large amount of sand built up on the upstream side of the weir, for the station to work properly this material will need to be removed. It will be the responsibility of Kern Delta Water District to remove this material unless other arrangements are made. While the heavy equipment is on site removing the material, they also need to remove material against the left bank upstream wall of the head wall to make room for the installation of the stilling well. The floor of the channel should be at least a foot below the top of the weir preferably more to allow for the future buildup of material. The bottom of the stilling well will need to be as low as the bottom of the channel and at least two feet back from the edge of the head wall.

A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55-amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.





Single pole station



Encoder on a stilling well with access door below



A staff gage will also need to be added to the site, we will build a mount and install a new staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.

After the gage is complete a table can be built on the dimensions of the weir. A few discharge measurements should be made to verify a rating curve for the weir. These discharge measurements are not included.



Stilling well and Staff gage mount

Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |             |
|---------------------------|-------------|
| Equipment rental          | \$684.00    |
| Materials                 | \$7,085.97  |
| Gaging equipment          | \$12,798.45 |
| Labor / Travel / Per Diem | \$26,613.75 |
| Web portal and Cell Fees  | \$743.52    |
| Total                     | \$47,859.17 |

Pricing valid for 90 days



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e-mail [steve@sierrahydrographics](mailto:steve@sierrahydrographics)

Kern Delta Water District

Eastside North of DiGiorgio

July 17, 2022

Updated May 1, 2023

It is desired to monitor the pool level upstream of the Weir on the Eastside canal just North of DiGiorgio Rd. Here it is also desired to measure the discharge through gates A, C, and D. These gates flow into 36" Plastic pipe that pass under DiGiorgio Rd.

There is no existing stilling well, a stilling well will need to be added. The stilling well will be made of 18 or 24 inches by 3/8 wall steel pipe depending on what is available in surplus pipe at the time. A plate will be attached to the top of the pipe, we will also build a steel box to cover the encoder. This cover will be hinged similar to the existing stilling wells and covers in the system already. The stilling well will be attached to the right bank upstream head wall, we will drill into the concrete and epoxy in stainless steel hardware to secure it. An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape better. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a Stainless-steel tape with a float of one side and a counterweight on the other side hanging from a pulley on the encoder.

There are four gates that discharge into various downstream channels, in an effort to save money only gates A, C and D will be measured, these are the used for the most part. It is suggested to use SonTek Pipe IQs to measure the discharge through these pipes. The IQs will be installed approximately 20 feet downstream of the pipe inlet. We will use SonTek expanding metal mounting rings for the IQs.

A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55-amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.



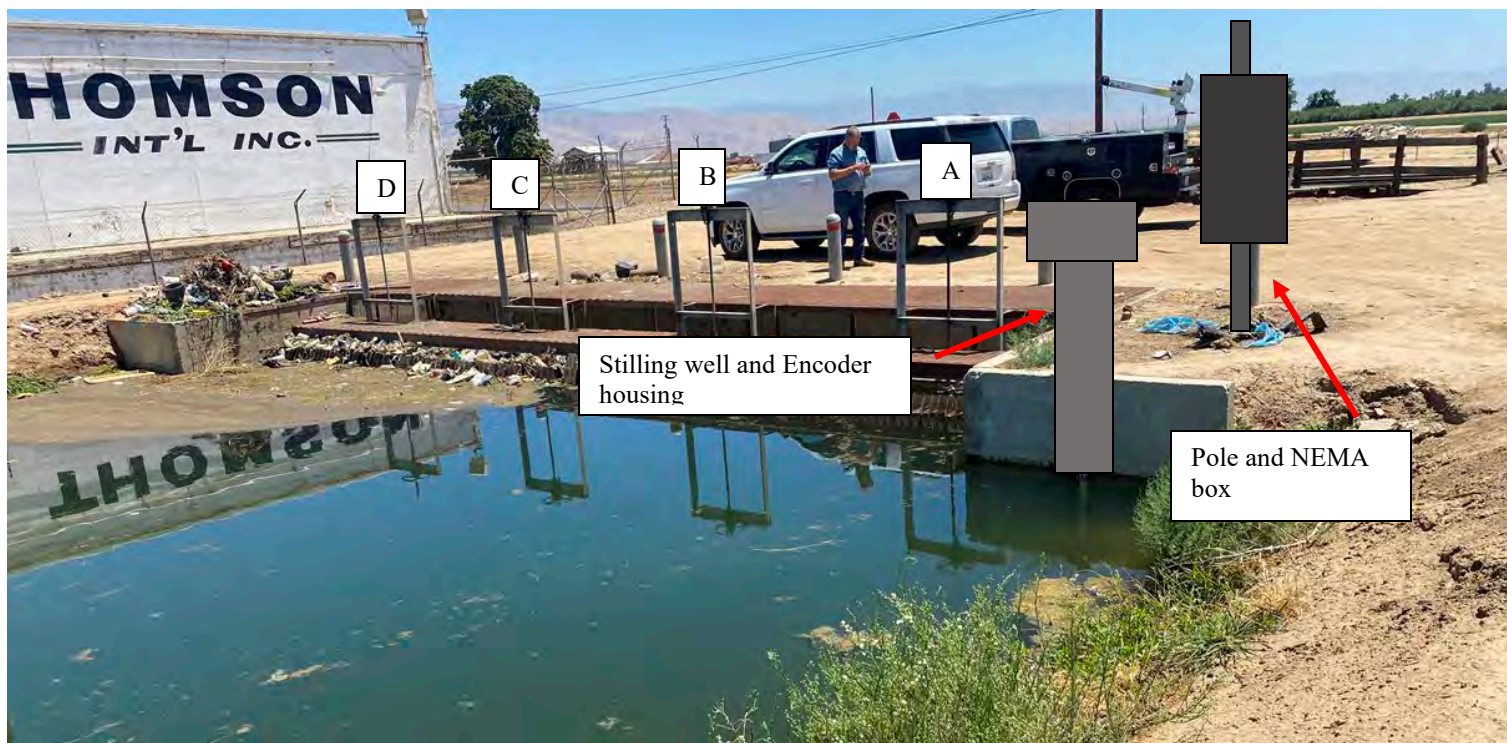


Single pole station



Encoder on a stilling well with access door below

The wood that the staff gage is mounted to has deteriorated and needs to be replaced. We will replace the wood and remount the staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.



Upstream side of Weir and Gates





D, C, and B downstream discharge

Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |              |
|---------------------------|--------------|
| Equipment rental          | \$684.00     |
| Materials                 | \$8,629.95   |
| Gaging equipment          | \$59,517.85  |
| Labor / Travel / Per Diem | \$40,257.20  |
| Web portal and Cell Fees  | \$743.52     |
| Total                     | \$109,832.52 |

Pricing valid for 90 days



# Sierra Hydrographics

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Kern Delta Water District

Kern Island Met Backup

July 17, 2022

Updated May 1, 2023

It is desired to monitor the pool level upstream of the Weir on the Kern Island Canal at the Met backup. Here it is also desired to measure the discharge through four gates. These gates flow into 36" Plastic pipes and are not being measured.

There is no existing stilling well, a stilling well will need to be added. The stilling well will be made of 18 or 24 inches by 3/8 wall steel pipe depending on what is available in surplus pipe at the time. A plate will be attached to the top of the pipe, we will also build a steel box to cover the encoder. This cover will be hinged similar to the existing stilling wells and covers in the system already. The stilling well will be attached to the right bank upstream head wall, we will drill into the concrete and epoxy in stainless steel hardware to secure it. An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape better. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a Stainless-steel tape with a float of one side and a counterweight on the other side hanging from a pulley on the encoder.

There are four gates that discharge into downstream channel, they rarely are all four used. In an effort to save money only three of the gates will be measured. It is suggested to use SonTek Pipe IQs to measure the discharge through these pipes. The IQs will be installed approximately 20 feet downstream of the pipe inlet. We will use SonTek expanding metal mounting rings for the IQs.

A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55 amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.





Single pole station



Encoder on a stilling well with access door below



The wood that the staff gage is mounted to has deteriorated and needs to be replaced. We will replace the wood and remount the staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.



Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |              |
|---------------------------|--------------|
| Equipment rental          | \$684.00     |
| Materials                 | \$8,629.25   |
| Gaging equipment          | \$59,517.85  |
| Labor / Travel / Per Diem | \$40,434.80  |
| Web portal and Cell Fees  | \$743.52     |
| Total                     | \$110,009.45 |

Pricing valid for 90 days



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Kern Delta Water District

Rim Canal At Weir 551

July 17, 2022

Updated May 1, 2023

It is desired to monitor the pool level on both sides of Weir 551 on the Rim Canal. It is also desired to measure the discharge through four gates. These gates flow into 36" Plastic pipes. Two or three of them currently have McCrometer propeller meters in them, they suffer from a lot of issues with vegetation entanglement.

To monitor pool elevation on either side of the weir it is suggested to use an encoder on a stilling well. There is no existing stilling well, a stilling well will need to be added to either side of the weir. The stilling well will be made of 18 or 24 inches by 3/8 wall steel pipe depending on what is available in surplus pipe at the time. A plate will be attached to the top of the pipe, we will also build a steel box to cover the encoder. This cover will be hinged similar to the existing stilling wells and covers in the system already. The stilling well will be attached to the right bank upstream head wall, we will drill into the concrete and epoxy in stainless steel hardware to secure it. On the downstream side the road crossing it will be required to dig in to the bank approximately 8 feet to set the stilling well in the bank since there is no structure to attach to. The stilling well will have pipes running into the channel for communication of water level. The base will have concrete poured around it and then the rest of the well will be back filled with the removed material and compacted.

An access door will be added to the side of the stilling well to aid in flushing the well in the future, this also will make maintenance to the float and tape better. A piece of painted plywood will be installed on top of stilling well, a Waterlog encoder will be placed on top of the plywood. There will be a Stainless-steel tape with a float of one side and a counterweight on the other side hanging from a pulley on the encoder.

There are four gates that discharge into downstream channel, they rarely are all four used. In an effort to save money only three of the gates will be measured. It is suggested to use SonTek Pipe IQs to measure the discharge through these pipes. The IQs will be installed approximately 20 feet downstream of the pipe inlet. We will use SonTek expanding metal mounting rings for the IQs.

A 4' deep hole 18" in diameter will be drilled and filled with concrete, single square pole will be attached to concrete. A 48" x 36" x 12" steel Nema box will be attached to the pole, this box will house 2 55-amp hour batteries along with the data logger. On the top of the pole there will be two 55-watt solar panels along with the antennas for the telemetry. The antennas will include one for GOES transmission, cellular transmission and one for the GPS clock. The NEMA box lacks good locking hardware so addition lock protection will be added. Conduit will be ran from the stilling well to the pole to the stilling well for the encoder wiring.





Single pole station



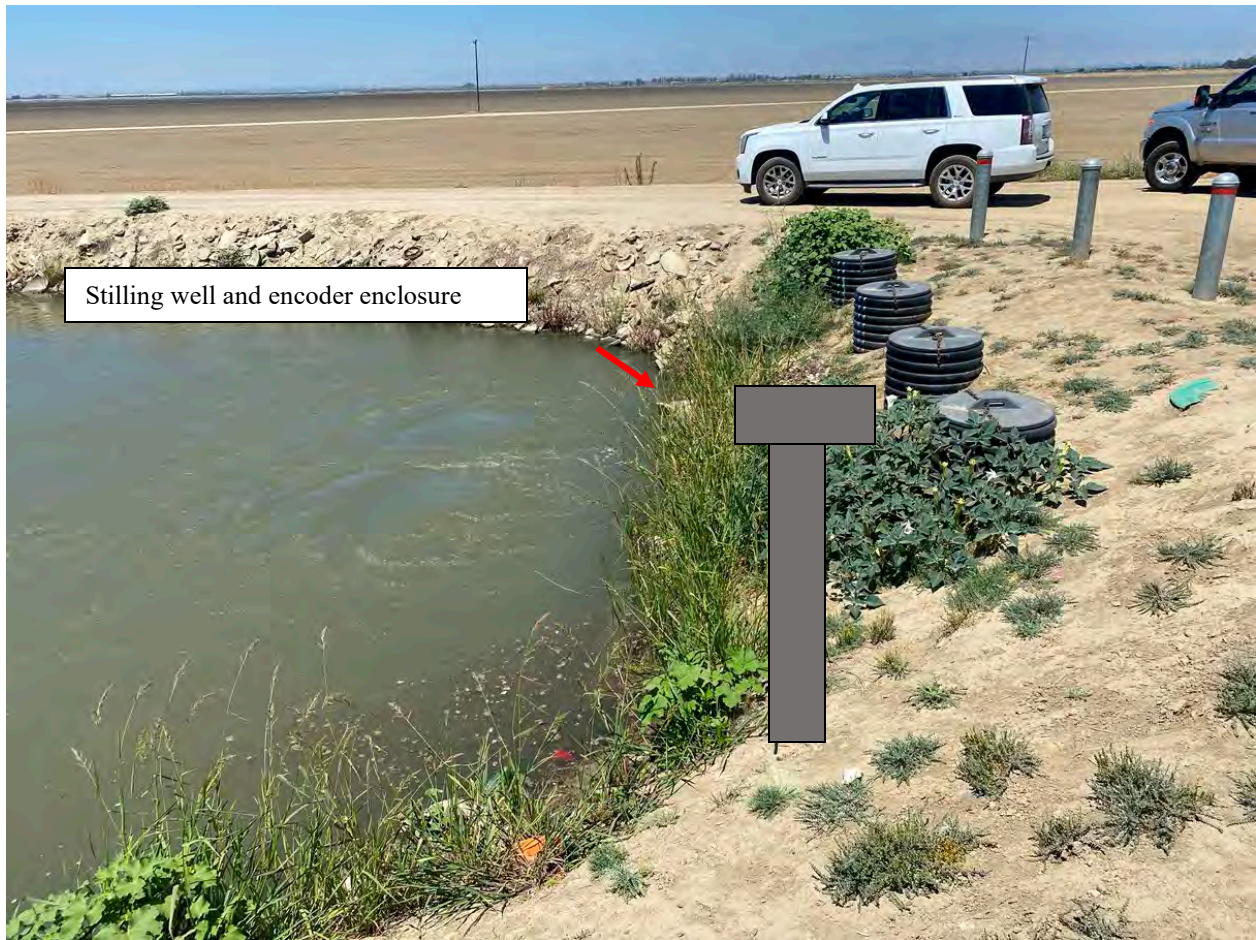
Encoder on a stilling well with access door below

The wood that the staff gage is mounted to has deteriorated and needs to be replaced. We will replace the wood and remount the staff gage. We will install benchmarks and perform a level run, so that in the future if the staff is damaged it can be reset to the same level.



Upstream side of Weir





Downstream Side of Weir

Cost for installation of GOES and Cell telemetered site with one Waterlog Encoder.

|                           |              |
|---------------------------|--------------|
| Equipment rental          | \$684.00     |
| Materials                 | \$10,855.97  |
| Gaging equipment          | \$62,383.05  |
| Labor / Travel / Per Diem | \$48897.20   |
| Web portal and Cell Fees  | \$743.52     |
| Total                     | \$123,563.74 |

Pricing valid for 90 days

# Tab V





## **KERN DELTA WATER DISTRICT**

May 12, 2023

|                              | 5/12/2023    | Last Year   |
|------------------------------|--------------|-------------|
| KERN RIVER 3 DAY MEAN INFLOW | 6,056 CFS    | 543 CFS     |
| KERN RIVER MEAN OUTFLOW      | 6,656 CFS    | 413 CFS     |
| ISABELLA RESERVOIR STORAGE   | 342,097 ACFT | 74,768 ACFT |
| REQUESTED OUTFLOW            | 6,750 CFS    | 412 CFS     |

Estimated: (CFS)

| KDWD DAILY DIVERTED: (MAY 12, 2023) | @HEAD | STATE | XCHNG | BANKING |
|-------------------------------------|-------|-------|-------|---------|
| KERN ISLAND                         | 370   | 0     | 50    | 0       |
| EASTSIDE                            | 62    | 0     | 0     | 0       |
| BUENA VISTA -LEVEE                  | 182   | 0     | 0     | 0       |
| STINE                               | 134   | 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       |
| Total CFS                           | 748   | 0     | 50    | 0       |

Estimated: (Acre Feet)

| DIVERTED (APRIL 2023)                            | UTILITY     | STATE | PURCHASE | BANKING |
|--|-------------|-------|----------|---------|
| KERN ISLAND                                      | 15,426      | 0     | 0        | 0       |
| EASTSIDE   | 2,613       | 0     | 0        | 604     |
| C.O.B. Misc.                                     | 0           | 0     | 0        | 0       |
| BUENA VISTA                                      | 5,959       | 0     | 0        | 0       |
| STINE  | 3,567       | 0     | 0        | 0       |
| FARMERS  | 3,503       | 0     | 0        | 0       |
| SOUTH FORK                                       | 0           | 0     | 0        | 0       |
| West Side State Sale                             | 0           | 0     | 0        | 0       |
| MONTHLY TOTAL                                    | 31,068      | 0     | 0        | 604     |
| YEAR TO APRIL 30, 2023                           | 71,594 ACFT | 0     | 0        | 1,360   |
| Year to April 30, 2023 Utility - State - Banking | 72,954 ACFT |       |          |         |

| ACFT. STORAGE BALANCE AS OF: | 4/30/2023 | Estimate<br>5/12/2023 | Max Storage |
|------------------------------|-----------|-----------------------|-------------|
| KERN ISLAND                  | 3,585     | 1,887                 | 18,000      |
| BUENA VISTA                  | 4,596     | 1,177                 | Store All   |
| STINE                        | 4,291     | 1,321                 | Store All   |
| FARMERS                      | 6,011     | 1,560                 | Store All   |
| STATE (21 & 22) Carryover    | 0         | 0                     | N/A         |
| STATE (23) Contract          | 25,508    | 25,508                | N/A         |
| RRBWS STORAGE                | 18,805    | 18,805                | N/A         |
| PIONEER PROJECT STORAGE      | 26,689    | 28,071                | N/A         |
| TOTAL ACFT.                  | 89,485    | 78,329                |             |

K.D.W.D. CLIMATOLOGICAL OBSERVATION:

|                      |                            |                       |
|----------------------|----------------------------|-----------------------|
| <u>60</u>            | MINIMUM TEMPERATURE        | <u>54</u>             |
| <u>79</u>            | MAXIMUM TEMPERATURE        | <u>73</u>             |
| <u>62</u>            | PRESENT TEMPERATURE        | <u>54</u>             |
| <u>0.00</u>          | PRECIPITATION - 24 HR. DAY | <u>0.00</u>           |
| <u>0.10</u>          | PRECIPITATION - MONTH      | <u>0.04</u>           |
| Seasonal <u>9.72</u> | YEAR TO DATE PRECIP.       | <u>19.06</u> Seasonal |

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

|                      |          |                                   |         |
|----------------------|----------|-----------------------------------|---------|
| LAKE ELEVATION (FT.) | 2,583.39 | APRIL AC. FT. INFLOW              | 318,992 |
| STORAGE ACFT.        | 342,097  | APRIL AC. FT. OUTFLOW             | 320,806 |
| STORAGE CAPACITY     | 568,075  | ACCUMULATIVE ACFT. INFLOW (20-21) | 853,111 |
| % OF CAPACITY        | 60%      | ACCUMULATIVE ACFT. OUTFLOW        | 545,253 |
| COE STORAGE CAPACITY | 360,000  | % OF COE CAPACITY                 | 95%     |

Summary of Utility Water Diverted Year to Date: 4/30/2023

|           | Utility | North Kern* | Other<br>Exchanges |
|-----------|---------|-------------|--------------------|
| January   | 15,340  | 2,000       | 0                  |
| February  | 12,500  | 0           | 0                  |
| March     | 12,686  | 5,000       | 0                  |
| April     | 31,068  | 2,500       | 0                  |
| May       |         |             |                    |
| June      |         |             |                    |
| July      |         |             |                    |
| August    |         |             |                    |
| September |         |             |                    |
| October   |         |             |                    |
| November  |         |             |                    |
| December  |         |             |                    |
| Total     | 71,594  | 9,500       | 0                  |

Summary of Other Water Diverted Year to Date: 4/30/2023

|           | State | Purchase | Banking |
|-----------|-------|----------|---------|
| January   | 0     | 0        | 0       |
| February  | 0     | 0        | 756     |
| March     | 0     | 0        | 0       |
| April     | 0     | 0        | 604     |
| May       |       |          |         |
| June      |       |          |         |
| July      |       |          |         |
| August    |       |          |         |
| September |       |          |         |
| October   |       |          |         |
| November  |       |          |         |
| December  |       |          |         |
| Total     | 0     | 0        | 1,360   |

Water owed to K.D.W.D as of: 4/30/2023

|                                 |        |
|---------------------------------|--------|
| B.V.W.S.D. 2021 State Balance*: | 1,275  |
| B.V.W.S.D. 2022 State Balance*: | 1,275  |
| 2023 State Contract: Table A    | 25,500 |

Summary of Total State Water Used Year to Date: 4/30/2023

|               | (OWED) | (USED) |
|---------------|--------|--------|
| 2023 Contract | 25,500 | 0      |
| Total         | 25,500 | 0      |

Quantities in acft. TOTAL 28,050

Net Owed to KDWD

TOTAL 25,500

Maximum Annual State Carryover Balance: 6,000 acre feet \*Owed to KDWD on a mutually agreeable year.

## **DISTRICT BANKING OPERATIONS**

Friday, May 12, 2023

### **KERN ISLAND PROJECTS**

|                         |      |     |
|-------------------------|------|-----|
| <b>Branch 1:</b>        | 15.0 | CFS |
| <b>Kern Island Met:</b> | 25.0 | CFS |
| <b>Other:</b>           | 3.0  | CFS |
| <b>Total:</b>           | 43.0 | CFS |

### **BUENA VISTA PROJECTS**

|                         |      |     |
|-------------------------|------|-----|
| <b>BV North Basins:</b> | 65.0 | CFS |
| <b>Buena Vista I5:</b>  | 10.0 | CFS |
| <b>Other:</b>           | -    | CFS |
| <b>Total:</b>           | 75.0 | CFS |

### **FARMERS PROJECTS**

|                    |      |     |
|--------------------|------|-----|
| <b>Romero:</b>     | 10.0 | CFS |
| <b>Stonefield:</b> | 10.0 | CFS |
| <b>Church:</b>     | 1.0  | CFS |
| <b>Other:</b>      | 2.0  | CFS |
| <b>Total:</b>      | 23.0 | CFS |

### **EASTSIDE PROJECTS**

|                   |      |      |
|-------------------|------|------|
| <b>Digiorgio:</b> | 20.0 | CFS  |
| <b>Sunset:</b>    | 20.0 | CFS* |
| <b>Other:</b>     | -    | CFS  |
| <b>Total:</b>     | 40.0 | CFS  |

### **STINE PROJECTS**

|                                 |      |     |
|---------------------------------|------|-----|
| <b>Old River:</b>               | 35.0 | CFS |
| <b>Bladder &amp; Triangles:</b> | 5.0  | CFS |
| <b>Other:</b>                   | -    | CFS |
| <b>Total:</b>                   | 40.0 | CFS |

### **BANKING SUPPLIES**

|                           |        |      |
|---------------------------|--------|------|
| <b>KDWD Utility:</b>      | 201.00 | CFS  |
| <b>AEWSD Project:</b>     | 20.0   | CFS* |
| <b>Other:</b>             | -      | CFS  |
| <b>Total In District:</b> | 221.0  | CFS  |

Estimated: (Acre Feet)

OPERATIONAL

| <b><u>DIVERTED FOR BANKING (APRIL 2023)</u></b> | <b><u>UTILITY</u></b> | <b><u>STATE</u></b> | <b><u>PURCHASE</u></b> | <b><u>BANKING</u></b> | <b><u>RECHARGE</u></b> |
|---|-----------------------|---------------------|------------------------|-----------------------|------------------------|
| KERN ISLAND                                     | 2,059                 | 0                   | 0                      | 0                     | 4,628                  |
| EASTSIDE  | 778                   | 0                   | 0                      | 0                     | 784                    |
| BUENA VISTA                                     | 2,634                 | 0                   | 0                      | 0                     | 1,788                  |
| STINE   | 1,327                 | 0                   | 0                      | 0                     | 1,070                  |
| FARMERS   | 1,444                 | 0                   | 0                      | 0                     | 1,051                  |
| <b>MONTHLY TOTAL</b>                            | <b>8,242</b>          | <b>0</b>            | <b>0</b>               | <b>0</b>              | <b>9,321</b>           |
| <b>YEAR TO APRIL 30, 2023</b>                   | <b>25,563 ACFT</b>    | <b>0</b>            | <b>0</b>               | <b>416</b>            | <b>24,263</b>          |
| <b>Year to April 30, 2023 All Supplies</b>      | <b>50,242 ACFT</b>    |                     |                        |                       |                        |

### **Summary of Spreading Year to Date: 4/30/2023**

|                  | <i>Utility</i> | <i>State</i> | <i>Purchase</i> | <i>Banking</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>       |                |              |                 |                |                |
| <b>June</b>      |                |              |                 |                |                |
| <b>July</b>      |                |              |                 |                |                |
| <b>August</b>    |                |              |                 |                |                |
| <b>September</b> |                |              |                 |                |                |
| <b>October</b>   |                |              |                 |                |                |
| <b>November</b>  |                |              |                 |                |                |
| <b>December</b>  |                |              |                 |                |                |
| <b>Total</b>     | <b>25,563</b>  | <b>0</b>     | <b>0</b>        | <b>416</b>     | <b>24,263</b>  |

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

| <b><u>PROJECT</u></b>           | <b><u>Fill<br/>(CFS)</u></b> | <b><u>Operational (CFS)</u></b> |                      | <b><u>Acreage</u></b> |
|---------------------------------|------------------------------|---------------------------------|----------------------|-----------------------|
|                                 |                              | <b><u>Summer</u></b>            | <b><u>Winter</u></b> |                       |
| <i>Kern Island Met:</i>         | 60                           | 25                              | 20                   | 175                   |
| <i>Branch 1:</i>                | 12                           | 8                               | 5                    | 75                    |
| <i>Digiorgio:</i>               | 30                           | 15                              | 10                   | 70                    |
| <i>Sunset:</i>                  | TBD                          | TBD                             | TBD                  | 140                   |
| <i>BV North:</i>                | 65                           | 30                              | 20                   | 240                   |
| <i>Buena Vista I5:</i>          | 40                           | 25                              | 15                   | 65                    |
| <i>Old River:</i>               | TBD                          | TBD                             | TBD                  | 145                   |
| <i>Bladder &amp; Triangles:</i> | 30                           | 20                              | 10                   | 40                    |
| <i>Romero:</i>                  | 45                           | 20                              | 15                   | 170                   |
| <i>Stonefield:</i>              | 25                           | 15                              | 10                   | 80                    |
| <i>Church:</i>                  | 4                            | 1                               | 1                    | 5                     |
| <b>Total</b>                    | <b>311</b>                   | <b>159</b>                      | <b>106</b>           | <b>1205</b>           |

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# B-120 WATER SUPPLY FORECAST UPDATE SUMMARY

UNIMPAIRED FLOW FOR - May 2023

(Provisional data, subject to change)

Report generated: May 11, 2023 13:51

| APRIL-JULY FORECAST UPDATE SUMMARY (IN THOUSANDS OF ACRE-FEET) |        |       |        |       |        |       |        |                    |
|--|--------|-------|--------|-------|--------|-------|--------|--------------------|
| DAYS OF MONTH  | MAY 01 |       | MAY 09 |       |        |       |        |                    |
| WATERSHED PERCENTILES  | AJ VOL | % AVG | AJ VOL | % AVG | AJ VOL | % AVG | AJ VOL | % AVG              |
| Shasta Lake, Total Inflow                                      |        |       |        |       |        |       |        | Average =<br>1,767 |
| 90% Exceedance   | 2,030  | 115   | 2,050  | 116   |        |       |        |                    |
| 50% Exceedance   | 2,290  | 130   | 2,300  | 130   |        |       |        |                    |
| 10% Exceedance   | 2,700  | 153   | 2,650  | 150   |        |       |        |                    |
| Sacramento River above Bend Bridge (near Red Bluff)            |        |       |        |       |        |       |        | Average =<br>2,474 |
| 90% Exceedance   | 2,790  | 113   | 2,870  | 116   |        |       |        |                    |
| 50% Exceedance   | 3,140  | 127   | 3,150  | 127   |        |       |        |                    |
| 10% Exceedance   | 3,720  | 150   | 3,650  | 148   |        |       |        |                    |
| Feather River at Oroville                                      |        |       |        |       |        |       |        | Average =<br>1,710 |
| 90% Exceedance   | 2,750  | 161   | 2,780  | 163   |        |       |        |                    |
| 50% Exceedance   | 3,090  | 181   | 3,100  | 181   |        |       |        |                    |
| 10% Exceedance   | 3,560  | 208   | 3,510  | 205   |        |       |        |                    |
| Yuba River near Smartsville                                    |        |       |        |       |        |       |        | Average =<br>993   |
| 90% Exceedance   | 1,450  | 146   | 1,430  | 144   |        |       |        |                    |
| 50% Exceedance   | 1,630  | 164   | 1,610  | 162   |        |       |        |                    |
| 10% Exceedance   | 1,910  | 192   | 1,830  | 184   |        |       |        |                    |
| American River below Folsom Lake                               |        |       |        |       |        |       |        | Average =<br>1,247 |
| 90% Exceedance   | 1,780  | 143   | 1,790  | 144   |        |       |        |                    |
| 50% Exceedance   | 2,050  | 164   | 2,050  | 164   |        |       |        |                    |
| 10% Exceedance   | 2,370  | 190   | 2,330  | 187   |        |       |        |                    |
| Mokelumne River, Inflow to Pardee Reservoir                    |        |       |        |       |        |       |        | Average =<br>469   |
| 90% Exceedance   | 870    | 186   | 870    | 186   |        |       |        |                    |
| 50% Exceedance   | 960    | 205   | 950    | 203   |        |       |        |                    |
| 10% Exceedance   | 1,080  | 230   | 1,060  | 226   |        |       |        |                    |

APRIL-JULY FORECAST UPDATE SUMMARY (IN THOUSANDS OF ACRE-FEET)

|  |       |        |       |        |       |        |       |                 |       |
|--|-------|--------|-------|--------|-------|--------|-------|-----------------|-------|
| Stanislaus River below Goodwin Res (blw New Melones) |       |        |       |        |       |        |       | Average = 699   |       |
| 90% Exceedance                                       | 1,450 | 207    | 1,450 | 207    |       |        |       |                 |       |
| 50% Exceedance                                       | 1,630 | 233    | 1,620 | 232    |       |        |       |                 |       |
| 10% Exceedance                                       | 1,820 | 260    | 1,790 | 256    |       |        |       |                 |       |
| Tuolumne River below La Grange Res (blw Don Pedro)   |       |        |       |        |       |        |       | Average = 1,222 |       |
| 90% Exceedance                                       | 2,610 | 214    | 2,620 | 214    |       |        |       |                 |       |
| 50% Exceedance                                       | 2,750 | 225    | 2,750 | 225    |       |        |       |                 |       |
| 10% Exceedance                                       | 2,970 | 243    | 2,940 | 241    |       |        |       |                 |       |
| Merced River below Merced Falls (blw Lake McClure)   |       |        |       |        |       |        |       | Average = 627   |       |
| 90% Exceedance                                       | 1,420 | 226    | 1,440 | 230    |       |        |       |                 |       |
| 50% Exceedance                                       | 1,550 | 247    | 1,550 | 247    |       |        |       |                 |       |
| 10% Exceedance                                       | 1,700 | 271    | 1,680 | 268    |       |        |       |                 |       |
| San Joaquin River below Millerton Lake               |       |        |       |        |       |        |       | Average = 1,229 |       |
| 90% Exceedance                                       | 2,930 | 238    | 2,940 | 239    |       |        |       |                 |       |
| 50% Exceedance                                       | 3,130 | 255    | 3,130 | 255    |       |        |       |                 |       |
| 10% Exceedance                                       | 3,380 | 275    | 3,340 | 272    |       |        |       |                 |       |
| DAYS OF MONTH  |       | MAY 01 |       | MAY 09 |       |        |       |                 |       |
| WATERSHED PERCENTILES                                |       | AJ VOL | % AVG | AJ VOL | % AVG | AJ VOL | % AVG | AJ VOL          | % AVG |
| Kings River below Pine Flat Reservoir                |       |        |       |        |       |        |       | Average = 1,204 |       |
| 90% Exceedance                                       | 3,030 | 252    | 3,050 | 253    |       |        |       |                 |       |
| 50% Exceedance                                       | 3,200 | 266    | 3,200 | 266    |       |        |       |                 |       |
| 10% Exceedance                                       | 3,480 | 289    | 3,460 | 287    |       |        |       |                 |       |
| Kaweah River below Terminus Reservoir                |       |        |       |        |       |        |       | Average = 276   |       |
| 90% Exceedance                                       | 740   | 268    | 750   | 272    |       |        |       |                 |       |
| 50% Exceedance                                       | 790   | 286    | 790   | 286    |       |        |       |                 |       |
| 10% Exceedance                                       | 850   | 308    | 850   | 308    |       |        |       |                 |       |
| Tule River below Lake Success                        |       |        |       |        |       |        |       | Average = 56    |       |
| 90% Exceedance                                       | 210   | 375    | 220   | 393    |       |        |       |                 |       |
| 50% Exceedance                                       | 250   | 446    | 250   | 446    |       |        |       |                 |       |
| 10% Exceedance                                       | 290   | 518    | 290   | 518    |       |        |       |                 |       |
| Kern River, Inflow to Lake Isabella                  |       |        |       |        |       |        |       | Average = 427   |       |
| 90% Exceedance                                       | 1,620 | 379    | 1,660 | 389    |       |        |       |                 |       |
| 50% Exceedance                                       | 1,810 | 424    | 1,810 | 424    |       |        |       |                 |       |
| 10% Exceedance                                       | 2,060 | 482    | 2,040 | 478    |       |        |       |                 |       |

NOTES

- Runoff forecasts are unimpaired (full natural) flows which represent the natural water production of the river basin, unaltered by upstream diversions, storage, or export or import of water to or from other watersheds.

Archived Report Products:

(/index2023-05-09



# B-120 WATER SUPPLY FORECAST SUMMARY

UNIMPAIRED FLOW FOR - May 9, 2023

(Provisional data, subject to change)

Report generated: May 11, 2023 13:53

## WATER YEAR FORECAST SUMMARY AND MONTHLY DISTRIBUTION (IN THOUSANDS OF ACRE-FEET)

| WATERSHED              | OCT         |     |       |       |       |       |     |     |     |       | WATER<br>YEAR<br>TOTAL | 80% PROBABILITY RANGE |       |       | WY<br>%<br>AVERAGE |
|------------------------|-------------|-----|-------|-------|-------|-------|-----|-----|-----|-------|------------------------|-----------------------|-------|-------|--------------------|
|                        | THRU<br>JAN | FEB | MAR   | APR   | MAY   | JUN   | JUL | AUG | SEP |       |                        | 90%                   |       | 10%   |                    |
| Trinity, Lewiston      | 319         | 66  | 172   | 291   | 400   | 185   | 44  | 19  | 9   | 1,504 |                        |                       | 1,400 | 1,670 | 114                |
| Inflow to Shasta       | 1,712       | 308 | 1,147 | 860   | 735   | 430   | 275 | 228 | 220 | 5,915 |                        |                       | 5,615 | 6,335 | 105                |
| Sacrament, Bend        | 2,973       | 499 | 2,064 | 1,273 | 950   | 565   | 362 | 295 | 284 | 9,265 |                        |                       | 8,930 | 9,860 | 111                |
| Feather, Oroville      | 1,790       | 349 | 1,249 | 1,238 | 1,090 | 555   | 217 | 132 | 110 | 6,730 |                        |                       | 6,385 | 7,175 | 155                |
| Yuba, Smartville       | 999         | 148 | 792   | 643   | 575   | 320   | 72  | 35  | 27  | 3,610 |                        |                       | 3,420 | 3,840 | 159                |
| American, Folsom       | 1,397       | 226 | 915   | 655   | 800   | 475   | 120 | 31  | 20  | 4,640 |                        |                       | 4,370 | 4,930 | 173                |
| Cosumnes, Michigan Bar | 479         | 63  | 269   | 117   | 90    | 35    | 8   | 2   | 2   | 1,065 |                        |                       | 1,030 | 1,150 | 273                |
| Mokelumne, Pardee      | 301         | 55  | 219   | 206   | 350   | 290   | 104 | 17  | 8   | 1,550 |                        |                       | 1,465 | 1,665 | 203                |
| Stanislaus, Goodwin    | 494         | 96  | 373   | 326   | 570   | 485   | 239 | 41  | 21  | 2,645 |                        |                       | 2,465 | 2,825 | 224                |
| Tuolumne, La Grange    | 767         | 119 | 602   | 454   | 850   | 906   | 540 | 90  | 41  | 4,370 |                        |                       | 4,230 | 4,570 | 224                |
| Merced, McClure        | 487         | 87  | 464   | 290   | 500   | 505   | 255 | 50  | 22  | 2,660 |                        |                       | 2,540 | 2,800 | 264                |
| San Joaquin, Millerton | 588         | 142 | 544   | 530   | 920   | 1,000 | 680 | 183 | 83  | 4,670 |                        |                       | 4,460 | 4,900 | 263                |
| Kings, Pine Flat       | 406         | 100 | 495   | 423   | 992   | 1,100 | 685 | 185 | 84  | 4,470 |                        |                       | 4,305 | 4,755 | 267                |
| Kaweah, Terminus       | 161         | 35  | 299   | 159   | 280   | 240   | 111 | 29  | 11  | 1,325 |                        |                       | 1,280 | 1,390 | 311                |
| Tule, Success          | 88          | 20  | 206   | 85    | 100   | 50    | 15  | 4   | 2   | 570   |                        |                       | 535   | 615   | 431                |
| Kern, Isabella         | 127         | 37  | 339   | 311   | 620   | 594   | 285 | 111 | 50  | 2,475 |                        |                       | 2,310 | 2,725 | 368                |

### NOTES

- The averages are for the period 1991 to 2020.
- Unimpaired runoff represents the natural water production of a river basin, unaltered by upstream diversions, storage, or by export or import of water to or from other watersheds.
- Water year distributions and 90 and 10 percent exceedance water year forecasts from the February 1, March 1, April 1, and May 1 Bulletin 120 forecasts are official forecasts.
- Water year distributions and 90 and 10 percent exceedance water year forecasts from weekly Bulletin 120 Update forecasts are considered unofficial. Bulletin 120 Update forecasts are for conditions as of any day of the month other than the first of the month.



Directors:

Ted R. Page  
President  
Division 1

Laura Cattani  
Division 2

Martin Milobar  
Vice President  
Division 3

Eric L. Averett  
Division 4

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

Royce Fast  
Division 6

Gene A. Lundquist  
Division 7

Thomas D. McCarthy  
General Manager

Amelia T. Minaberrigarai  
General Counsel

April 21, 2023

Basic Contract Member Units

Re: 2023 SWP Table A Water Allocation

Basic Contract Member Units:

On April 20, 2023, the California Department of Water Resources announced that it is increasing the allocation of 2023 State Water Project (SWP) Table A water from 3,145,108 acre-feet (af) to 4,172,786 af as shown in Attachment 1. This allocation reflects implementation of the Monterey Principles (for those who have signed), and represents 100 percent of SWP contractors' requests.

Attachment 2 represents the 2023 Member Unit allocation based upon the Kern County Water Agency's currently approved allocation of 982,730 af. If you have any questions, or require further information, please contact Veronica Arreola at (661) 634-1480.

Sincerely,

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

Lauren Bauer  
Water Resources Manager

Enclosure

Phone No. (661) 634-1400

Mailing Address  
3200 Rio Mirada Drive  
Bakersfield, CA 93308

State of California

DEPARTMENT OF WATER RESOURCES  
CALIFORNIA STATE WATER PROJECT

California Natural Resources Agency

**NOTICE TO STATE WATER PROJECT CONTRACTORS****Date:** 4/20/2023**Number:** 23-08**Subject:** Increase of State Water Project 2023 Allocation to 100 Percent**From:**

A handwritten signature in black ink, appearing to read "Ted Craddock", is written over a horizontal line.

TED CRADDOCK

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

We are pleased to announce that the wet winter and near-record snowpack in the Sierra Nevadas combined with careful operations management will allow the Department of Water Resources (DWR) to increase the State Water Project (SWP) allocation from 75 to 100 percent of SWP contractors' Maximum Annual Table A amounts.

In determining available SWP supplies, DWR has considered several factors including SWP contractors' projected 2023 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 warranted depending on the rest of the year's hydrologic conditions and available SWP water supplies.

DWR will utilize the 100 percent water delivery schedules submitted by the Contractors in October 2022 (as part of initial requests), including any subsequent updates that may have been provided to DWR. If a contractor foresees any changes to their water delivery schedule, please communicate such changes to DWR in a timely manner.

With the 2023 SWP allocation above 40 percent, according to the "Draft Guidelines for State Water Project Allocation for Human Health and Safety Need Pursuant to Article 18a of Water Supply Contracts," dated March, 28, 2022, SWP contractors with a 2022 SWP HH&S balance shall schedule a portion of their 2023 Table A allocation as payback to DWR of their 2022 SWP HH&S balance.



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: Updated 2023 SWP Allocation Table

Attachment A  
2023 STATE WATER PROJECT ALLOCATION  
Updated  
4/20/2023

| SWP Contractors                   | Maximum Table A<br>Amount<br>(Acre-Feet) | Initial Table A<br>Request Amount<br>(Acre-Feet) | Approved Table A<br>Allocation<br>(Acre-Feet) | Approved<br>Allocation as a<br>Percentage of<br>Initial Request |
|-----------------------------------|--|--|---|---|
|                                   | (1)                                      | (2)  | (3)   | (4) = (3)/(2)   |
| <b><u>FEATHER RIVER</u></b>       |  |  |   |   |
| County of Butte                   | 27,500                                   | 27,500   | 27,500  | 100%  |
| Plumas County FC&WCD              | 2,700                                    | 2,700  | 2,700   | 100%  |
| City of Yuba City                 | 9,600                                    | 9,600  | 9,600   | 100%  |
| <b>Subtotal</b>                   | <b>39,800</b>                            | <b>39,800</b>                                    | <b>39,800</b>                                 |   |
| <b><u>NORTH BAY</u></b>           |  |  |   |   |
| Napa County FC&WCD                | 29,025                                   | 29,025   | 29,025  | 100%  |
| Solano County WA                  | 47,756                                   | 47,756   | 47,756  | 100%  |
| <b>Subtotal</b>                   | <b>76,781</b>                            | <b>76,781</b>                                    | <b>76,781</b>                                 |   |
| <b><u>SOUTH BAY</u></b>           |  |  |   |   |
| Alameda County FC&WCD, Zone 7     | 80,619                                   | 80,619   | 80,619  | 100%  |
| Alameda County WD                 | 42,000                                   | 42,000   | 42,000  | 100%  |
| Santa Clara Valley WD             | 100,000                                  | 100,000  | 100,000                                       | 100%  |
| <b>Subtotal</b>                   | <b>222,619</b>                           | <b>222,619</b>                                   | <b>222,619</b>                                |   |
| <b><u>SAN JOAQUIN VALLEY</u></b>  |  |  |   |   |
| Oak Flat WD                       | 5,700                                    | 5,700  | 5,700   | 100%  |
| County of Kings                   | 9,305                                    | 9,305  | 9,305   | 100%  |
| Dudley Ridge WD                   | 41,350                                   | 41,350   | 41,350  | 100%  |
| Empire West Side ID               | 3,000                                    | 3,000  | 3,000   | 100%  |
| Kern County WA                    | 982,730                                  | 982,730  | 982,730                                       | 100%  |
| Tulare Lake Basin WSD             | 87,471                                   | 87,471   | 87,471  | 100%  |
| <b>Subtotal</b>                   | <b>1,129,556</b>                         | <b>1,129,556</b>                                 | <b>1,129,556</b>                              |   |
| <b><u>CENTRAL COASTAL</u></b>     |  |  |   |   |
| San Luis Obispo County FC&WCD     | 25,000                                   | 25,000   | 25,000  | 100%  |
| Santa Barbara County FC&WCD       | 45,486                                   | 45,486   | 45,486  | 100%  |
| <b>Subtotal</b>                   | <b>70,486</b>                            | <b>70,486</b>                                    | <b>70,486</b>                                 |   |
| <b><u>SOUTHERN CALIFORNIA</u></b> |  |  |   |   |
| Antelope Valley-East Kern WA      | 144,844                                  | 144,844  | 144,844                                       | 100%  |
| Santa Clarita Valley WA           | 95,200                                   | 95,200   | 95,200  | 100%  |
| Coachella Valley WD               | 138,350                                  | 138,350  | 138,350                                       | 100%  |
| Crestline-Lake Arrowhead WA       | 5,800                                    | 5,800  | 5,800   | 100%  |
| Desert WA                         | 55,750                                   | 55,750   | 55,750  | 100%  |
| Littlerock Creek ID               | 2,300                                    | 2,300  | 2,300   | 100%  |
| Metropolitan WDSC                 | 1,911,500                                | 1,911,500  | 1,911,500                                     | 100%  |
| Mojave WA                         | 89,800                                   | 89,800   | 89,800  | 100%  |
| Palmdale WD                       | 21,300                                   | 21,300   | 21,300  | 100%  |
| San Bernardino Valley MWD         | 102,600                                  | 102,600  | 102,600                                       | 100%  |
| San Gabriel Valley MWD            | 28,800                                   | 28,800   | 28,800  | 100%  |
| San Geronio Pass WA               | 17,300                                   | 17,300   | 17,300  | 100%  |
| Ventura County WPD                | 20,000                                   | 20,000   | 20,000  | 100%  |
| <b>Subtotal</b>                   | <b>2,633,544</b>                         | <b>2,633,544</b>                                 | <b>2,633,544</b>                              |   |
| <b>TOTAL</b>                      | <b>4,172,786</b>                         | <b>4,172,786</b>                                 | <b>4,172,786</b>                              | <b>100%</b>   |

**2023**  
**Kern County Water Agency**  
**Current State Water Project Allocation**  
**(Estimate as of 04/20/23)**

|                                   | (1)             | (2)            | (3)          | (4)  |
|-----------------------------------|-----------------|----------------|--------------|--|
|                                   | <b>Firm [1]</b> | <b>Surplus</b> | <b>Total</b> |  |
| KCWA Table 1 Ent (AF).....        | 982,730         | 94,098         | 1,076,828    |  |
| Current DWR Allocation:           |                 |                |              |  |
| Allocation to KCWA (AF).....      | 982,730         | 0              | 982,730      |  |
| Supply (%).....                   | 100.00%         | 0.00%          | 91.26%       |  |
| Shortage (AF).....                | 0               | 94,098         | 94,098       |  |
| Deficiency (%).....               | 0.00%           | 100.00%        | 8.74%        |  |
|                                   |                 |                |              | <b>Current Allocation to MU's (100% of Firm Ent)</b> |
|                                   |                 |                |              | (AF)   |
|                                   |                 |                |              |  |
| Member Units:                     |                 |                |              |  |
| Berrenda Mesa WD.....             | 92,600          | 6,301          | 98,901       | 92,600   |
| Lost Hills WD.....                | 119,110         |                | 119,110      | 119,110  |
| Belridge WSD.....                 | 121,508         |                | 121,508      | 121,508  |
| Semitropic ID.....                | 155,000         | 24,762         | 179,762      | 155,000  |
| Cawelo WD.....                    | 38,200          | 6,800          | 45,000       | 38,200   |
| Improvement Dist 4 - Ag.....      | 5,946           | 899            | 6,845        | 5,946  |
| Improvement Dist 4 - M&I.....     | 77,000          |                | 77,000       | 77,000   |
| Rosedale-Rio Bravo WSD.....       | 29,900          | 5,100          | 35,000       | 29,900   |
| Buena Vista WSD.....              | 21,300          | 3,750          | 25,050       | 21,300   |
| Kern Delta WD.....                | 25,500          | 4,500          | 30,000       | 25,500   |
| Henry Miller WD.....              | 35,500          | 6,250          | 41,750       | 35,500   |
| West Kern WD - M&I.....           | 25,000          |                | 25,000       | 25,000   |
| West Kern WD - Ag.....            | 6,500           |                | 6,500        | 6,500  |
| Wheeler Ridge-Maricopa WSD.....   | 197,088         | 34,205         | 231,293      | 197,088  |
| Tehachapi-Cummings CWD - Ag.....  | 4,300           | 700            | 5,000        | 4,300  |
| Tehachapi-Cummings CWD - M&I..... | 15,000          |                | 15,000       | 15,000   |
| Tejon-Castac WD - M&I.....        | 2,000           |                | 2,000        | 2,000  |
| Tejon-Castac WD - Ag.....         | 3,278           | 471            | 3,749        | 3,278  |
| KCWA.....                         | 8,000           | 360            | 8,360        | 8,000  |
| Total.....                        | 982,730         | 94,098         | 1,076,828    | 982,730  |
| Total Ag.....                     | 863,730         | 94,098         | 957,828      | 863,730  |
| Total M&I.....                    | 119,000         | 0              | 119,000      | 119,000  |
|                                   | 982,730         | 94,098         | 1,076,828    | 982,730  |
| Western Hills WD.....             | 8,000           | 0              | 8,000        | 350  |

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

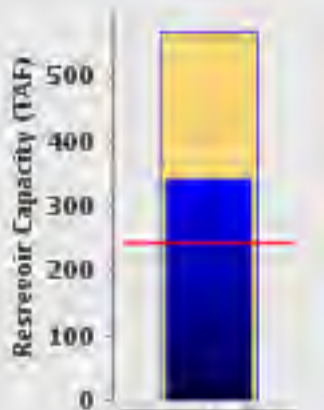


# CURRENT RESERVOIR CONDITIONS



## Isabella Lake Conditions

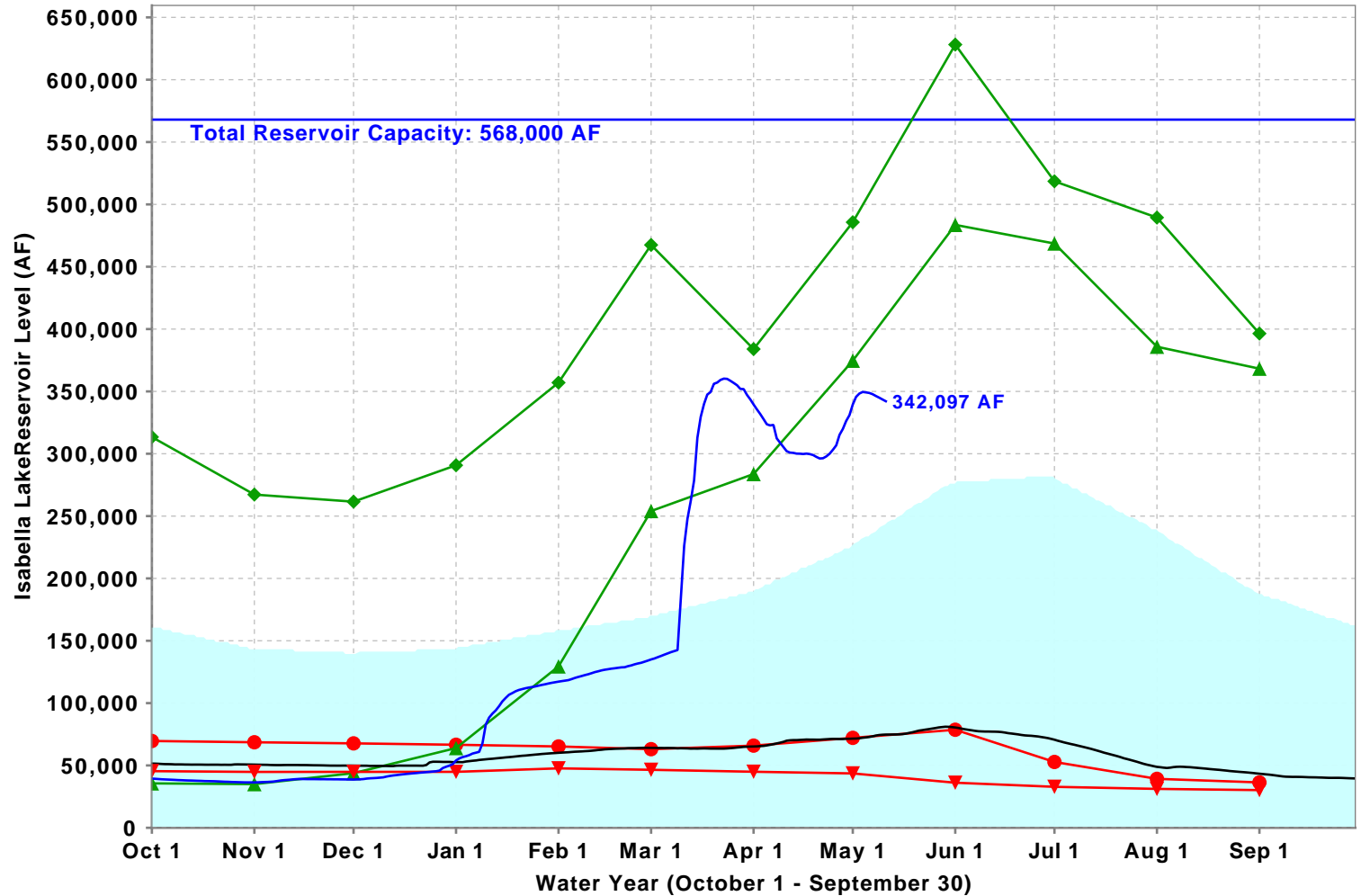
(as of Midnight - May 11, 2023)



Current Level: 342,097 AF

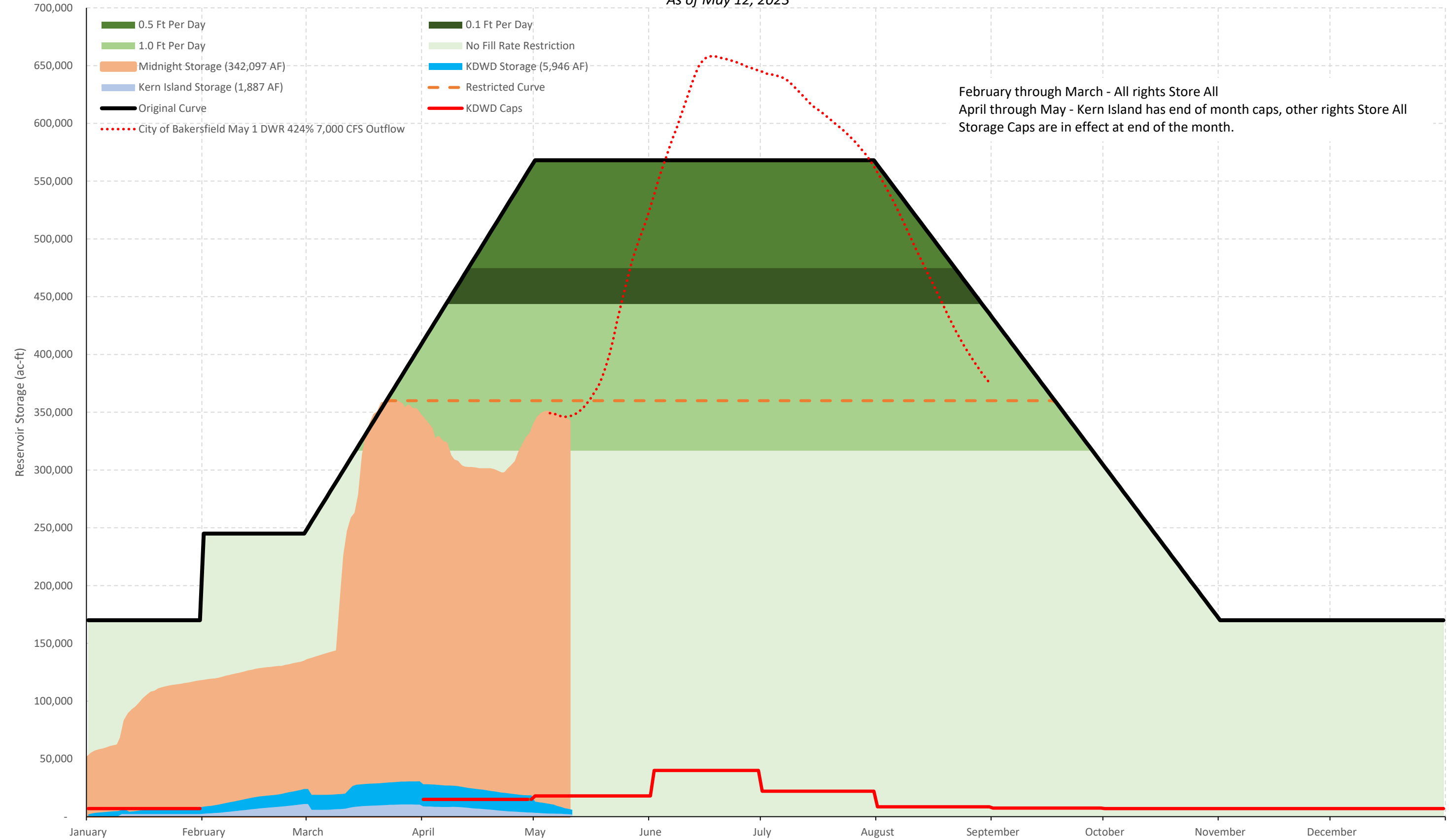
60% (Total Capacity) | 141% (Historical Avg.)

Isabella Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight May 11, 2023



■ Historical Average 
 — Total Reservoir Capacity 
 ● 1976-1977 
 ▲ 1977-1978 
 ◆ 1982-1983 (Wettest) 
 — 2021-2022 
 ▼ 2014-2015 (Driest) 
 — Current: 2022-2023

Midnight Lake Isabella Storage and Pool Restrictions  
As of May 12, 2023



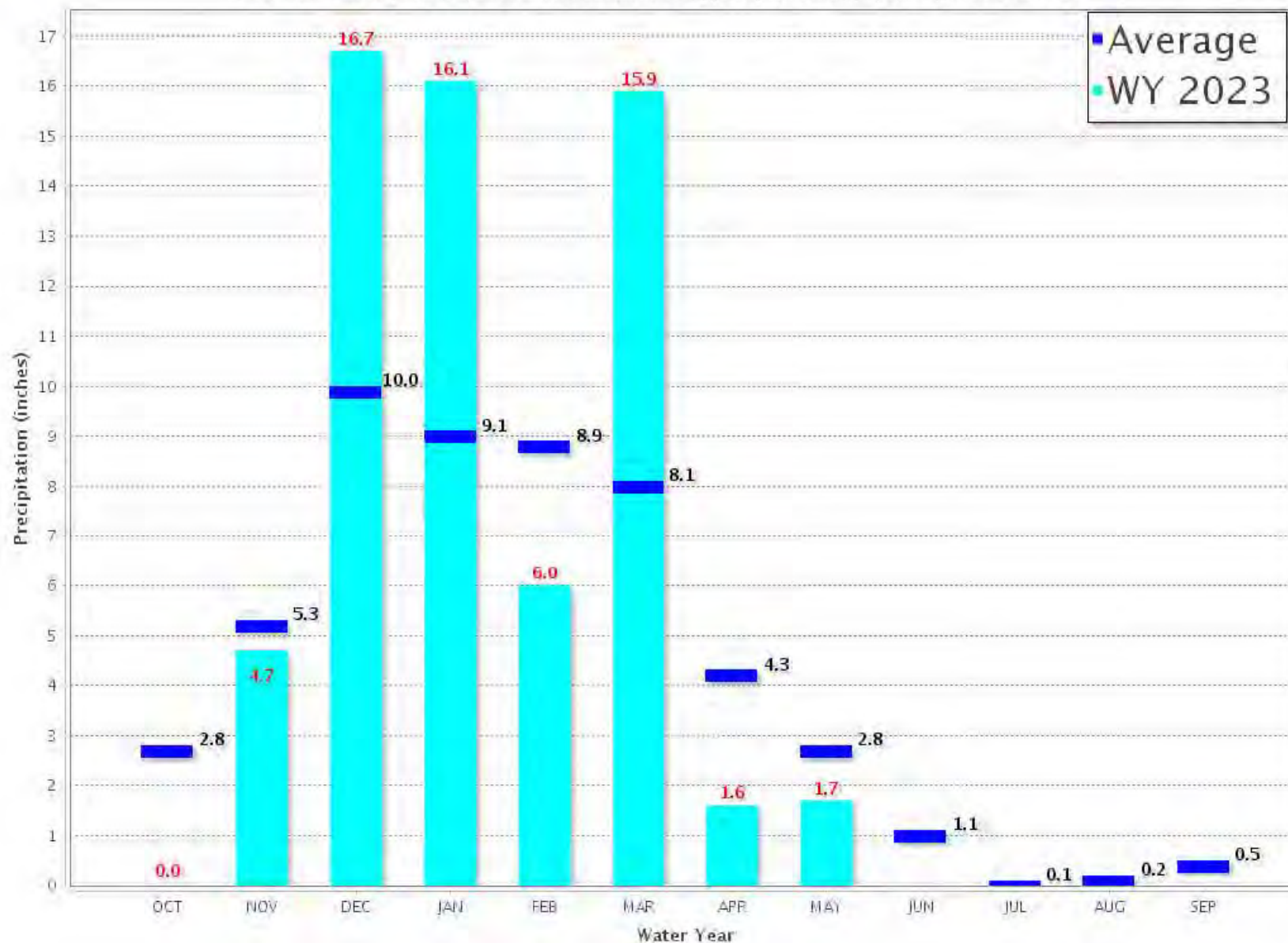


## Northern Sierra 8-Station

Precipitation Index for Water Year 2023 – Updated on May 12, 2023 09:48 AM

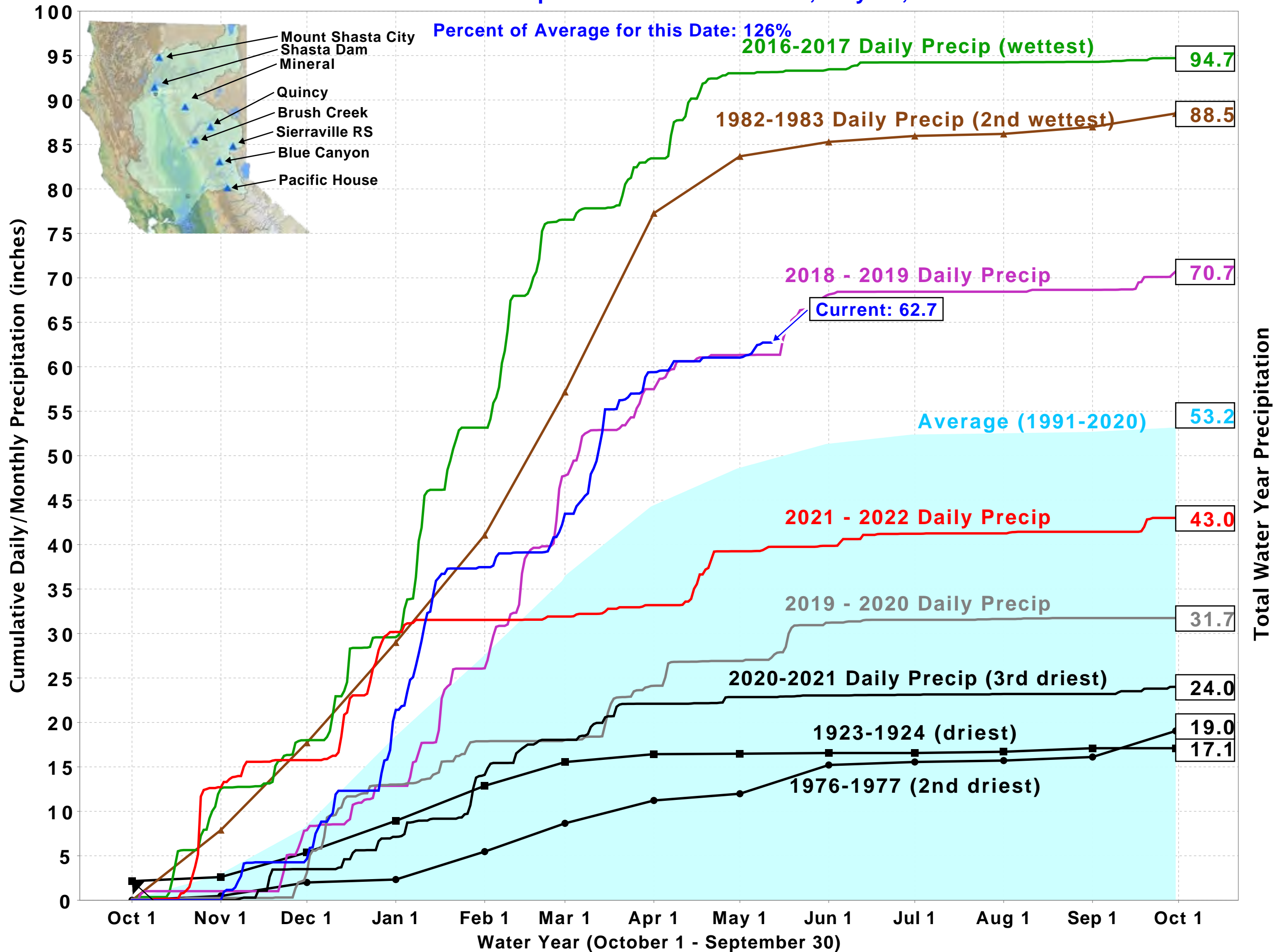
Note: Monthly totals may not add up to seasonal total because of rounding

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





# Northern Sierra Precipitation: 8-Station Index, May 12, 2023



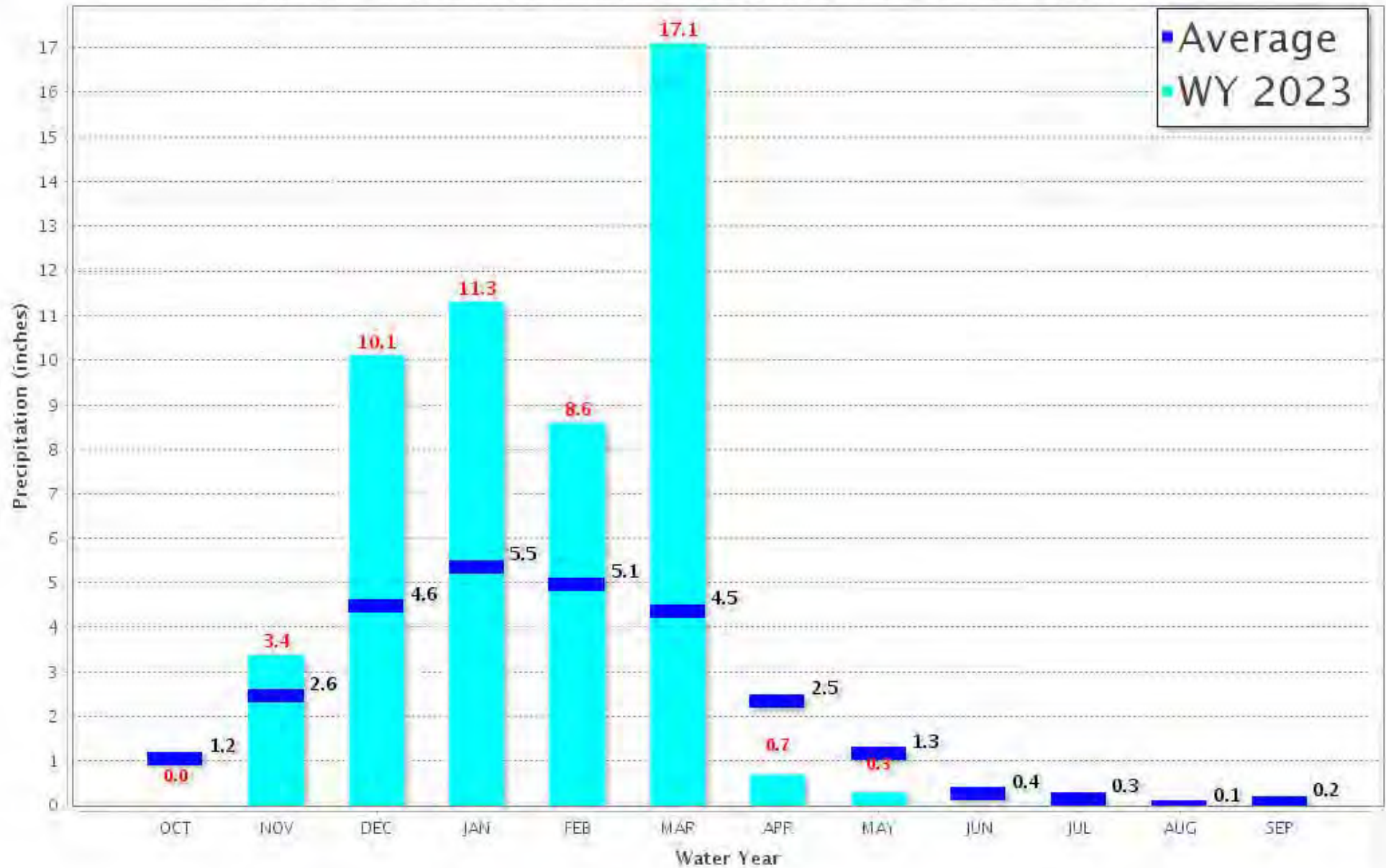


# Tulare Basin 6-Station

## Precipitation Index for Water Year 2023 – Updated on May 12, 2023 09:48 AM

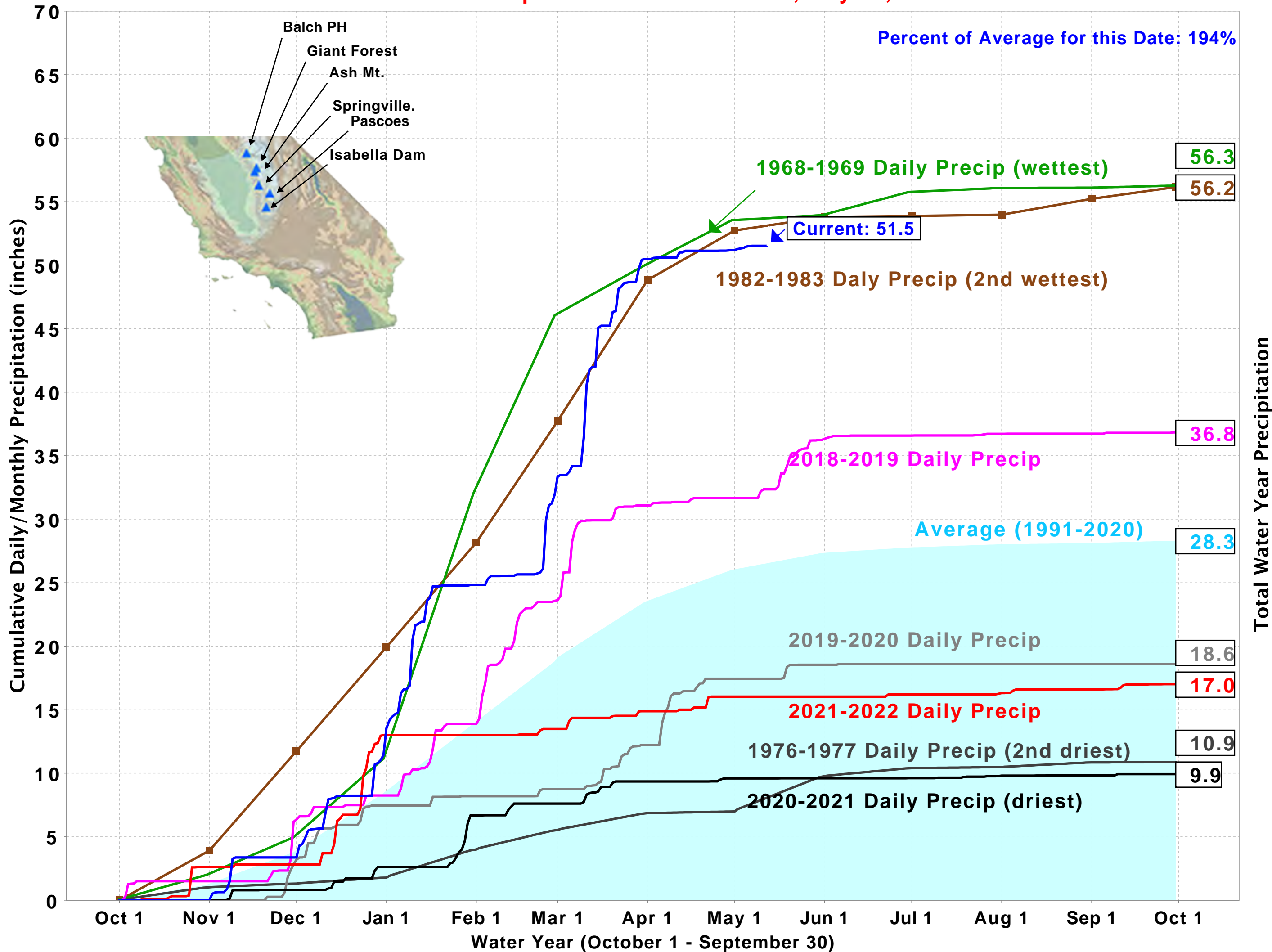
Note: Monthly totals may not add up to seasonal total because of rounding

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

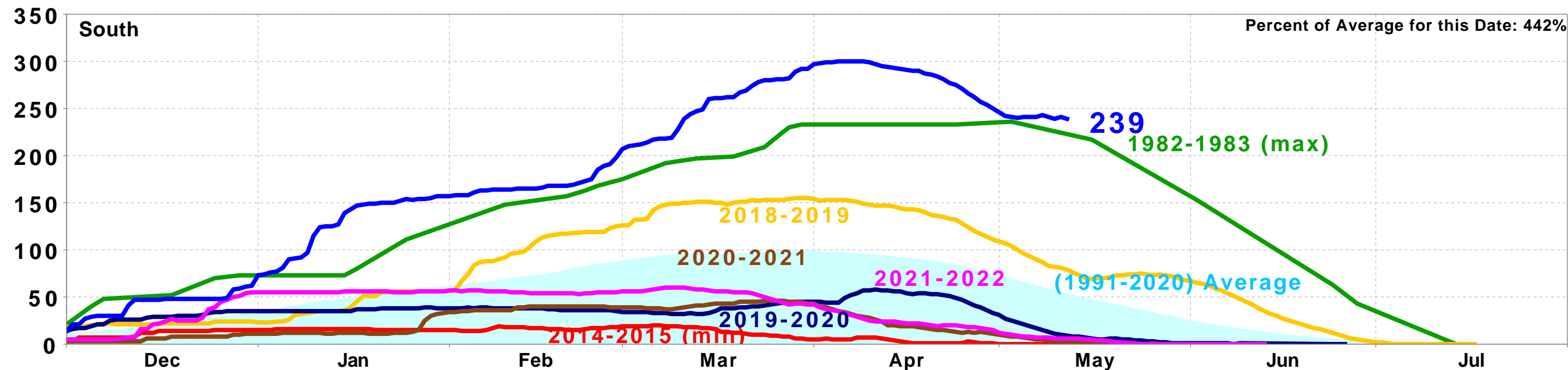
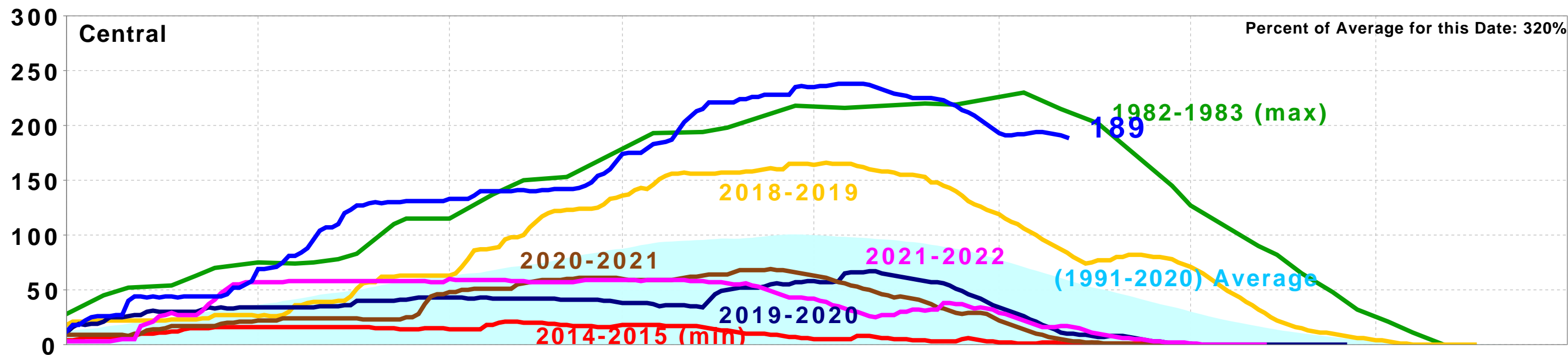
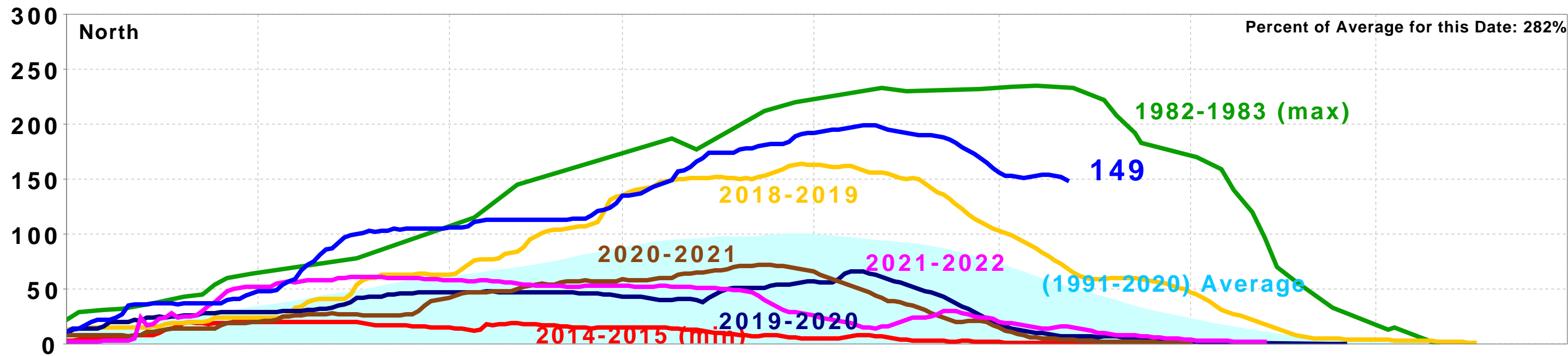




# Tulare Basin Precipitation: 6-Station Index, May 12, 2023



# California Snow Water Content, May 12, 2023, Percent of April 1 Average



Statewide Percent of April 1: 185%

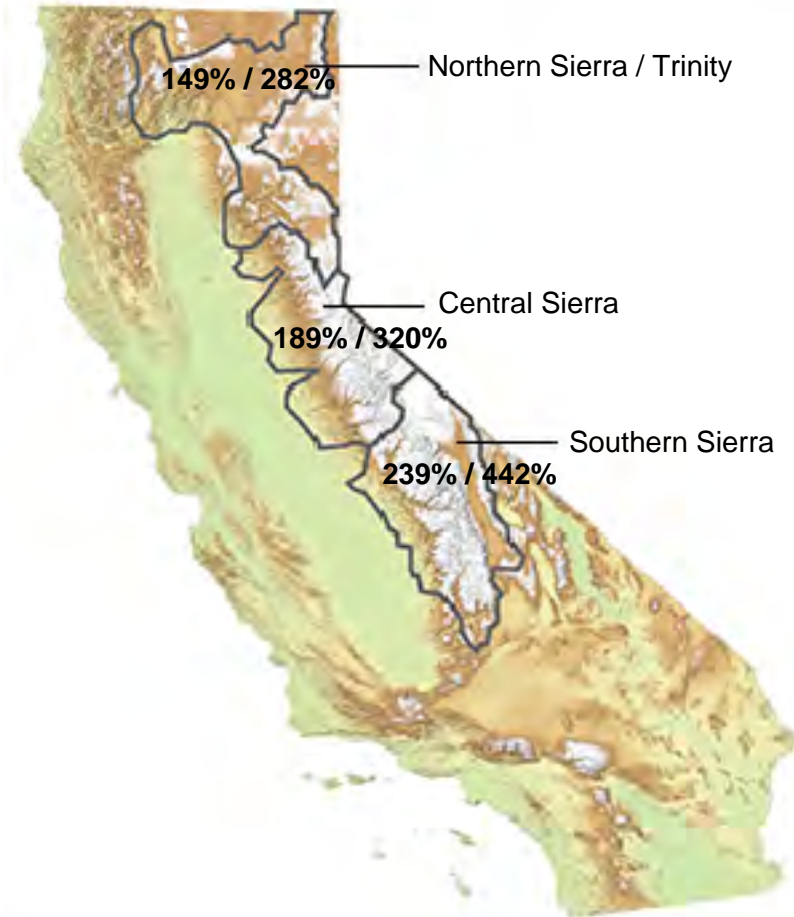
Statewide Percent of Average for Date: 327%



# STATEWIDE SNOW WATER CONTENT

## CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



### NORTH

Data as of May 12, 2023

|  |      |
|--|------|
| Number of Stations Reporting           | 24   |
| Average snow water equivalent (Inches) | 44.2 |
| Percent of April 1 Average (%)         | 149  |
| Percent of normal for this date (%)    | 282  |

### CENTRAL

Data as of May 12, 2023

|  |      |
|--|------|
| Number of Stations Reporting           | 41   |
| Average snow water equivalent (Inches) | 48.2 |
| Percent of April 1 Average (%)         | 189  |
| Percent of normal for this date (%)    | 320  |

### SOUTH

Data as of May 12, 2023

|  |      |
|--|------|
| Number of Stations Reporting           | 20   |
| Average snow water equivalent (Inches) | 49.0 |
| Percent of April 1 Average (%)         | 239  |
| Percent of normal for this date (%)    | 442  |

### STATE

Data as of May 12, 2023

|  |      |
|--|------|
| Number of Stations Reporting           | 85   |
| Average snow water equivalent (Inches) | 47.3 |
| Percent of April 1 Average (%)         | 185  |
| Percent of normal for this date (%)    | 327  |

**Statewide Average: 185% / 327%**

Data as of May 12, 2023

# U.S. Drought Monitor California

**May 9, 2023**

(Released Thursday, May. 11, 2023)

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

|  | None  | D0-D4  | D1-D4 | D2-D4 | D3-D4 | D4    |
|--|-------|--------|-------|-------|-------|-------|
| <b>Current</b>                                     | 68.02 | 31.98  | 5.95  | 0.00  | 0.00  | 0.00  |
| <b>Last Week</b><br><i>05-02-2023</i>              | 68.04 | 31.96  | 7.98  | 0.00  | 0.00  | 0.00  |
| <b>3 Months Ago</b><br><i>02-07-2023</i>           | 0.64  | 99.36  | 84.60 | 32.62 | 0.00  | 0.00  |
| <b>Start of Calendar Year</b><br><i>01-03-2023</i> | 0.00  | 100.00 | 97.93 | 71.14 | 27.10 | 0.00  |
| <b>Start of Water Year</b><br><i>09-27-2022</i>    | 0.00  | 100.00 | 99.76 | 94.01 | 40.91 | 16.57 |
| <b>One Year Ago</b><br><i>05-10-2022</i>           | 0.00  | 100.00 | 99.86 | 95.14 | 59.81 | 0.00  |

## Intensity:

|   |  |
|---|--|
|  None                  |  D2 Severe Drought        |
|  D0 Abnormally Dry    |  D3 Extreme Drought      |
|  D1 Moderate Drought |  D4 Exceptional Drought |

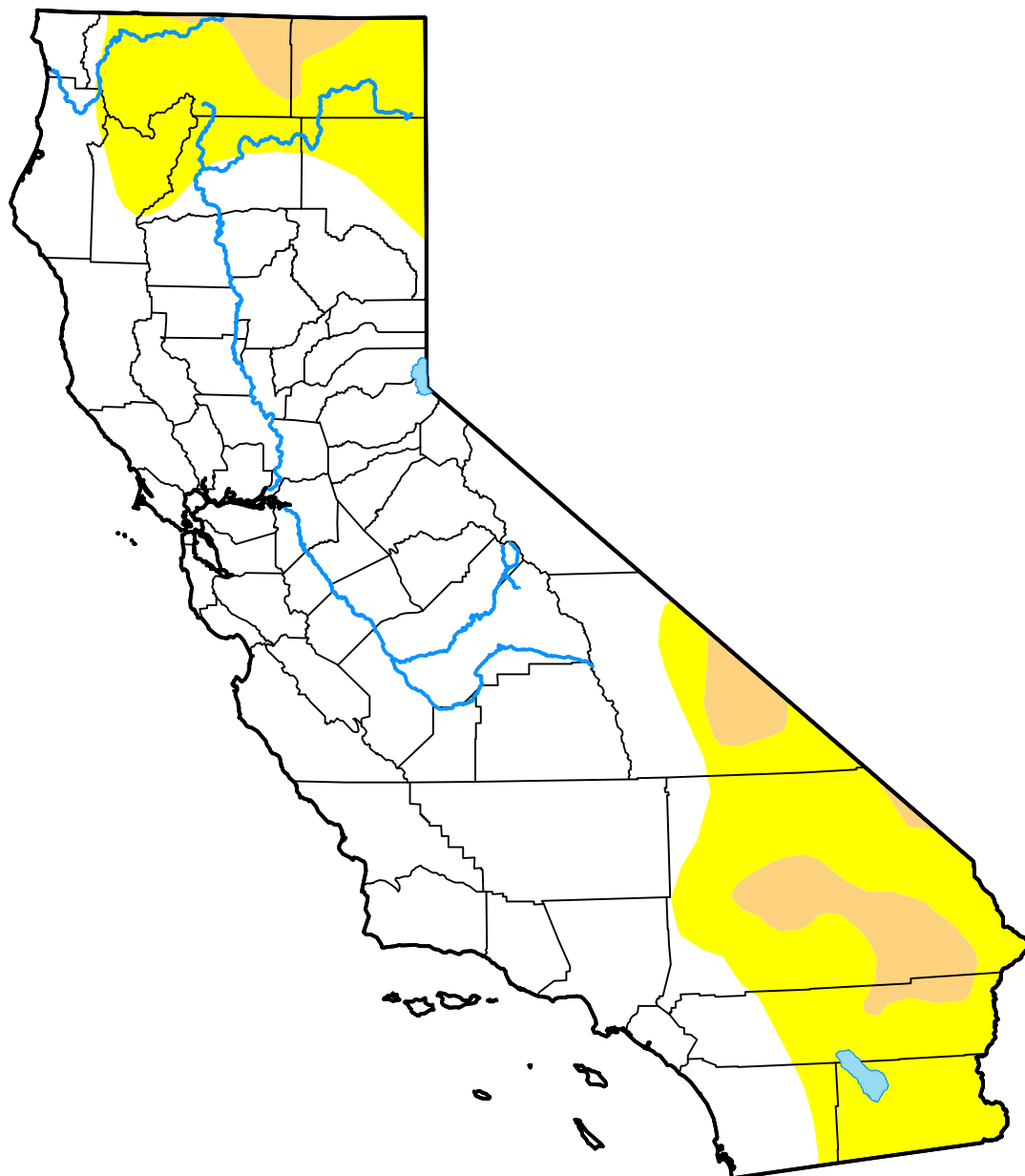
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

## Author:

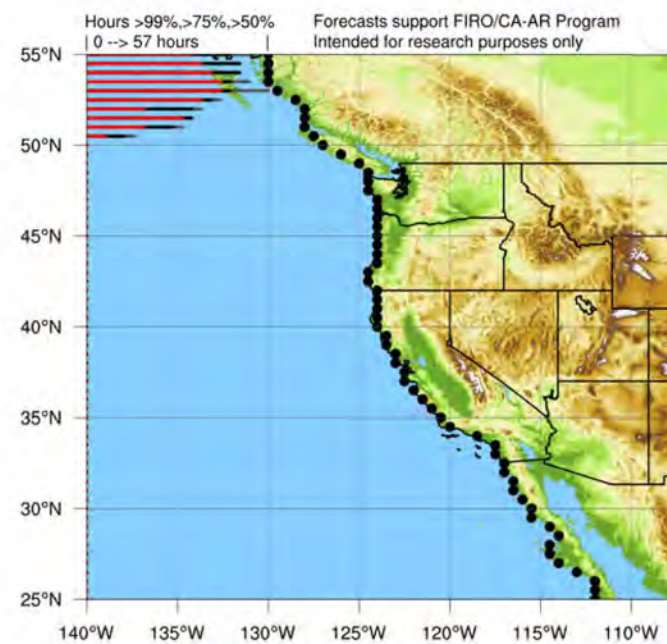
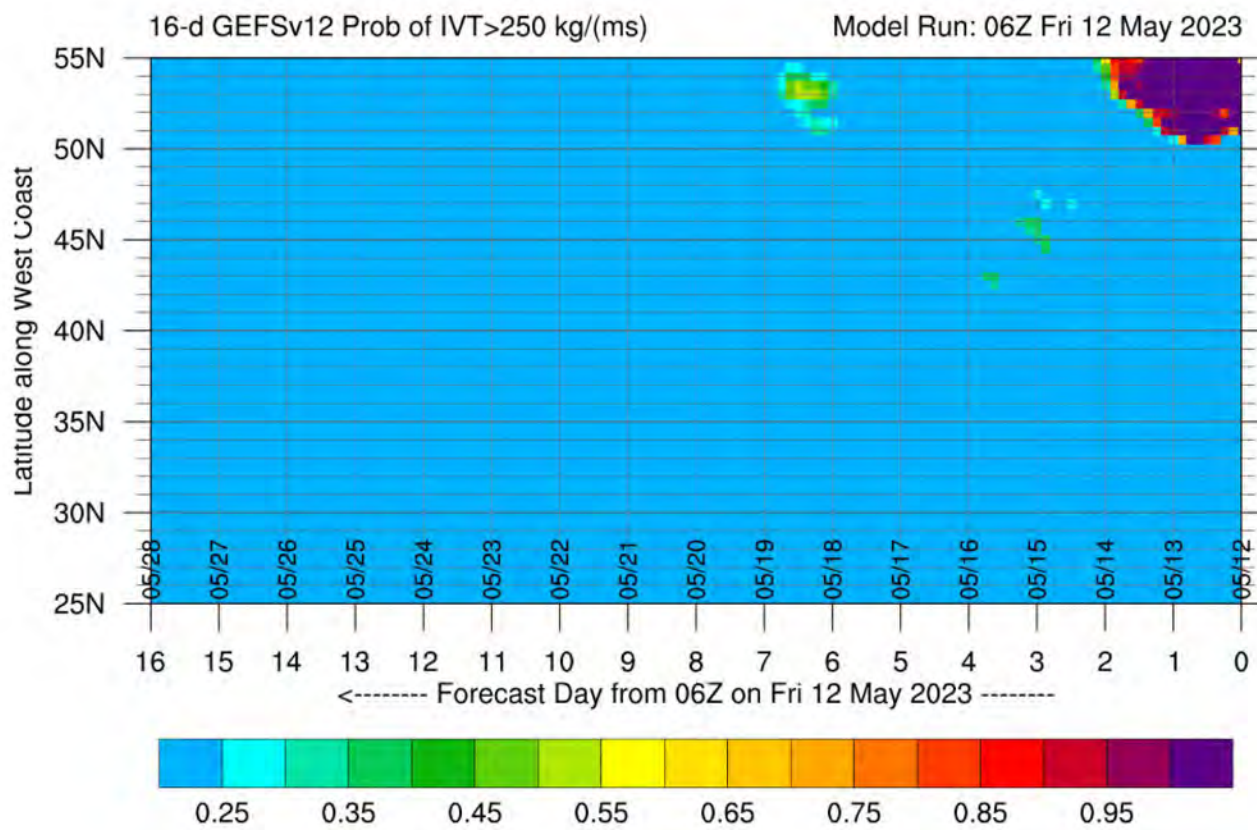
Brad Pugh  
CPC/NOAA

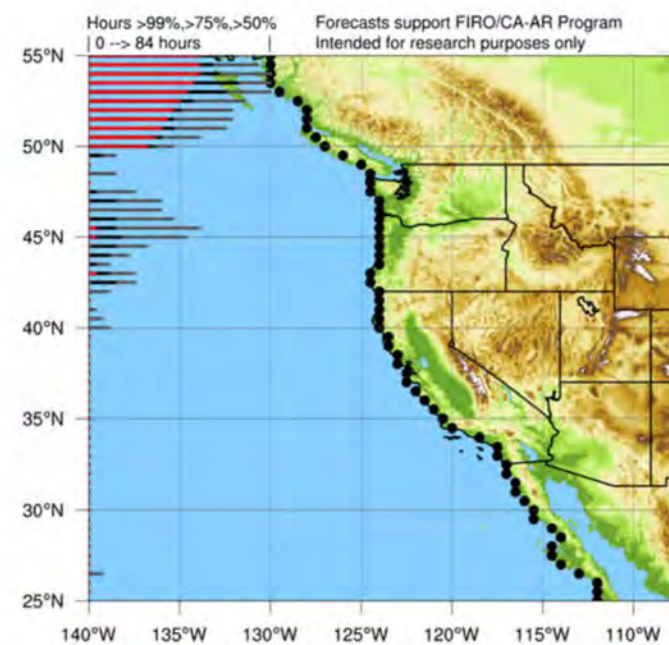
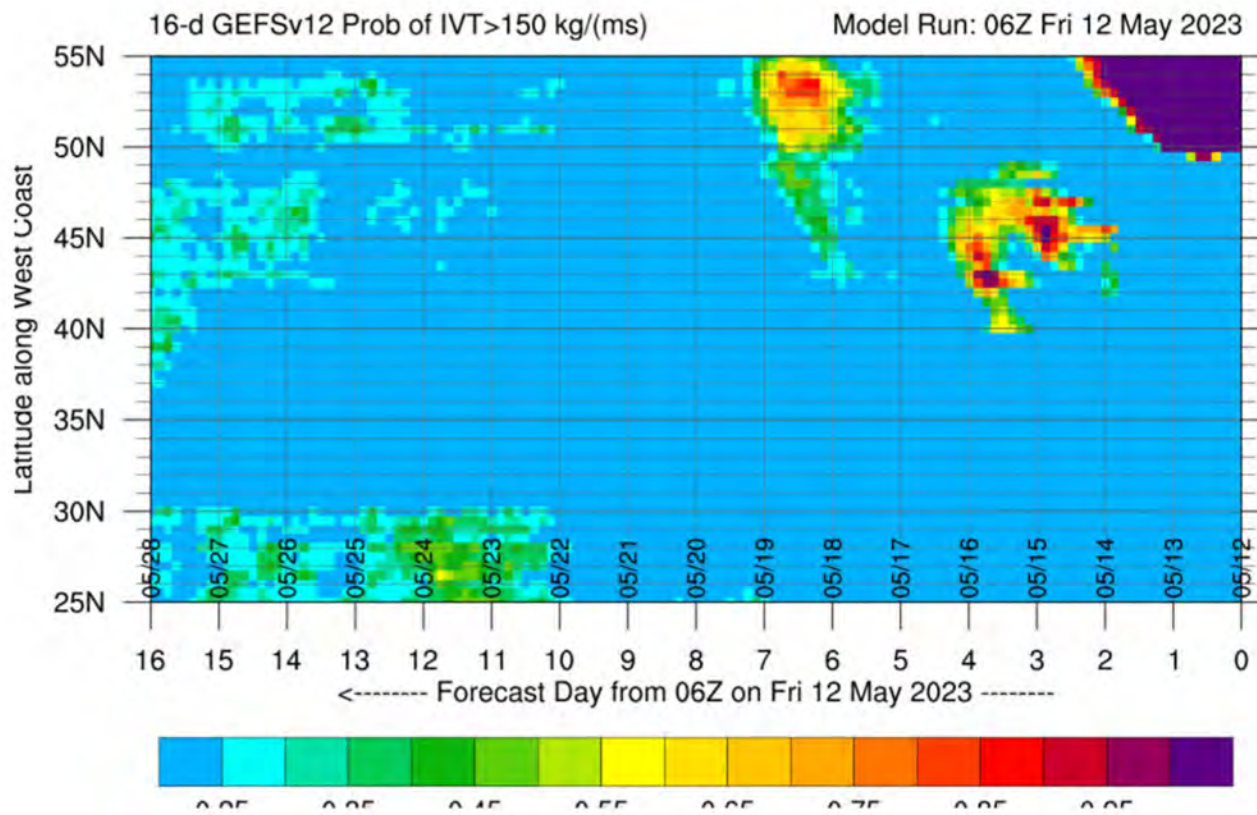


[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)











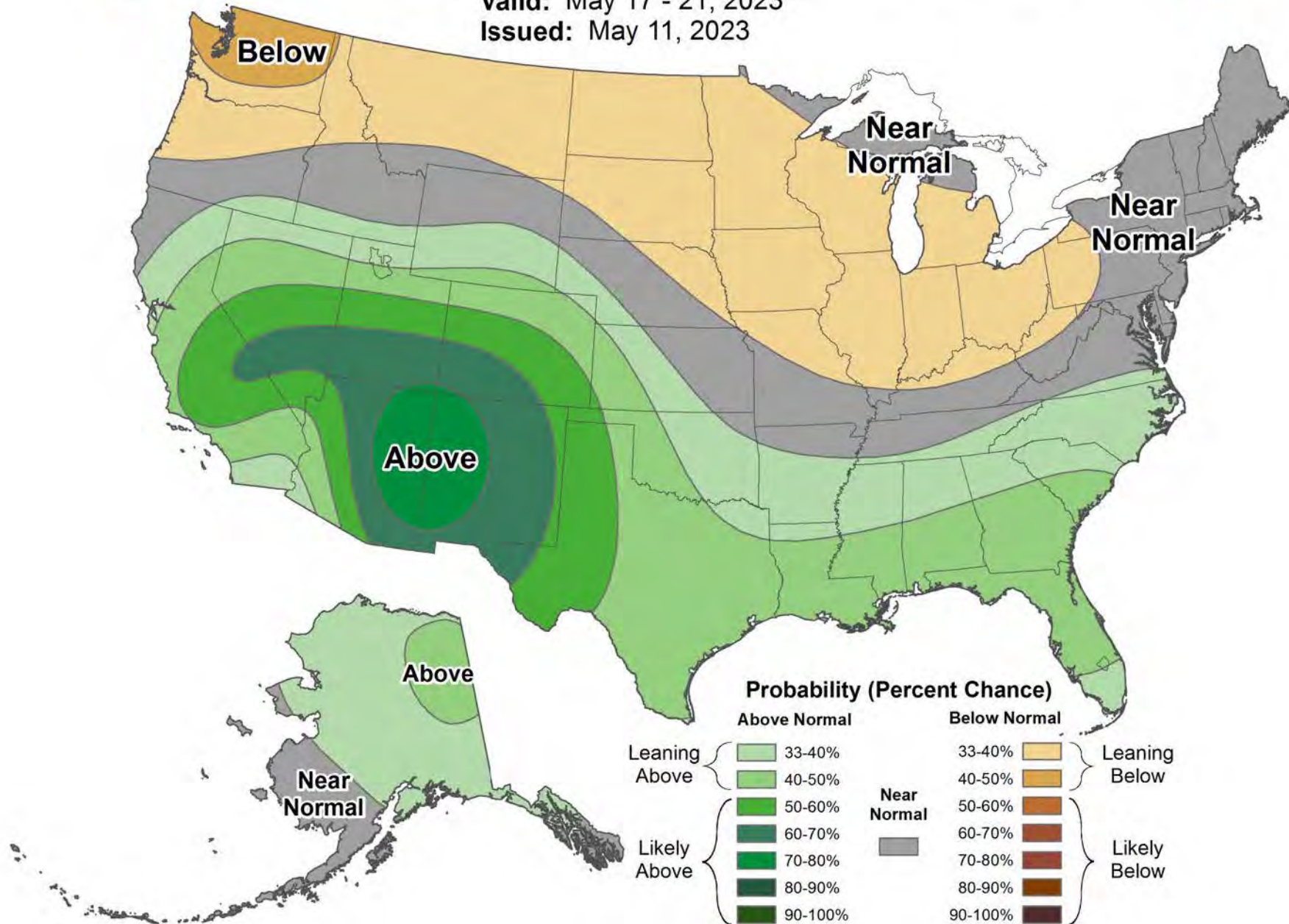


# 6-10 Day Precipitation Outlook



Valid: May 17 - 21, 2023

Issued: May 11, 2023



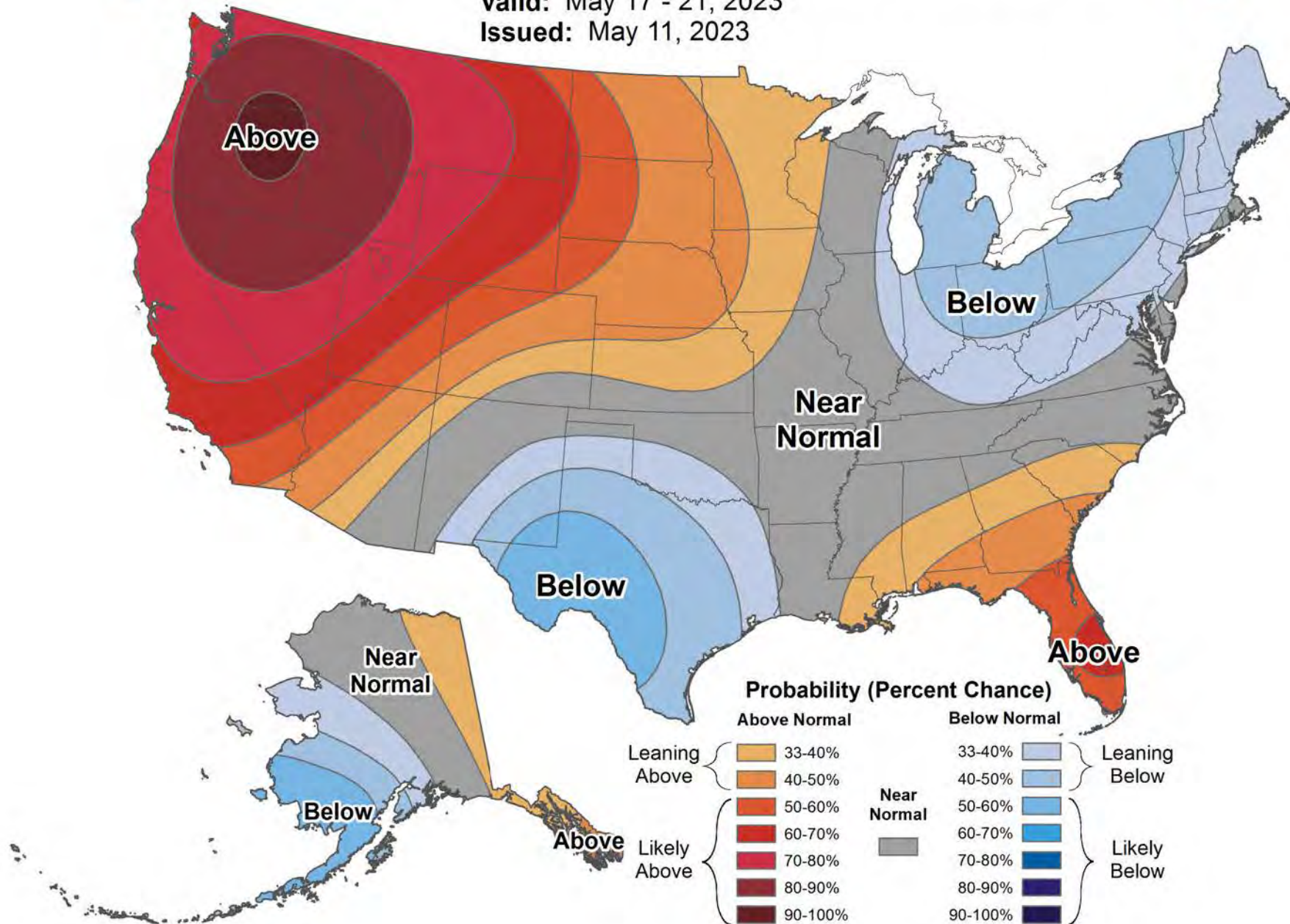


# 6-10 Day Temperature Outlook



Valid: May 17 - 21, 2023

Issued: May 11, 2023





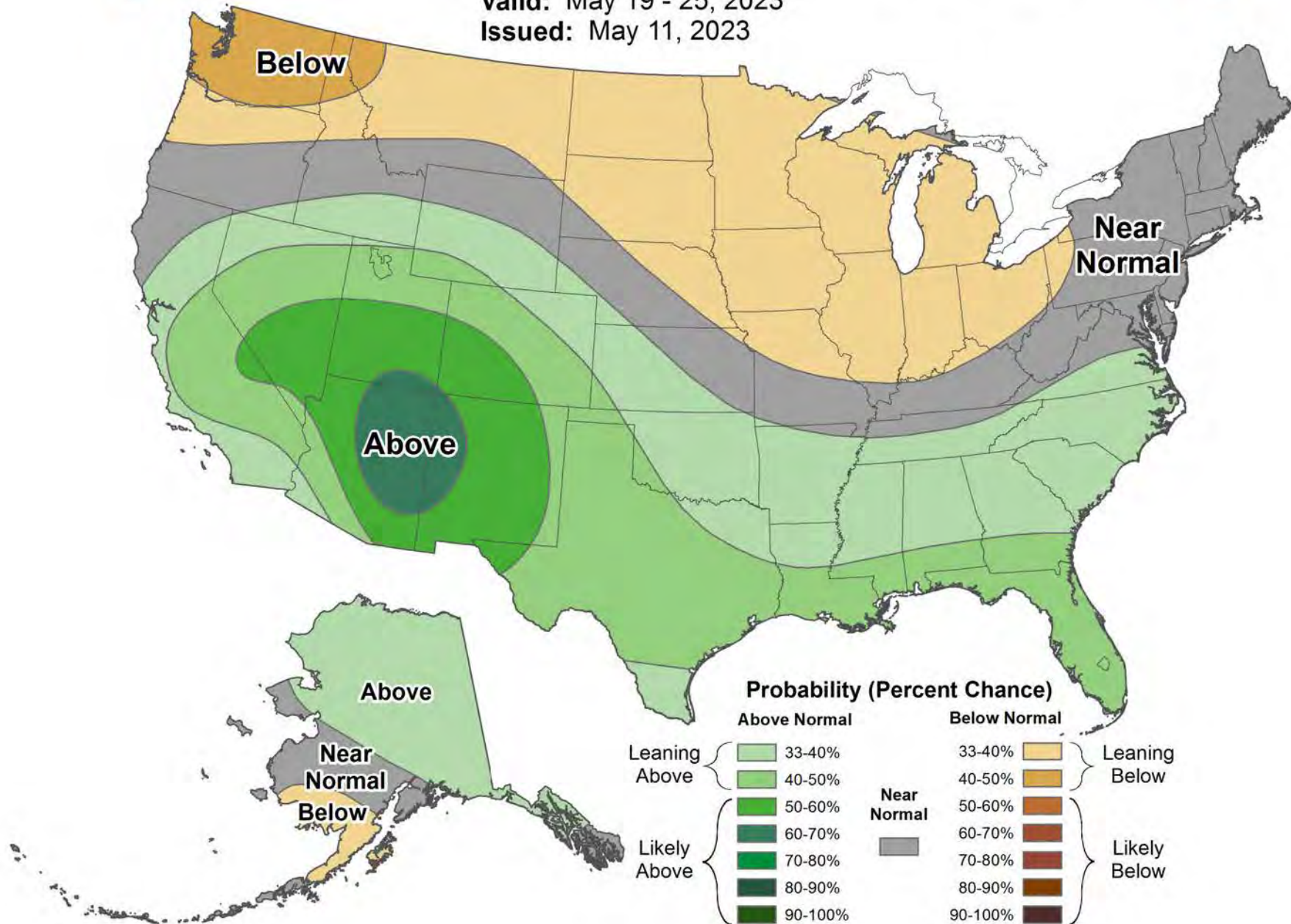


# 8-14 Day Precipitation Outlook



Valid: May 19 - 25, 2023

Issued: May 11, 2023



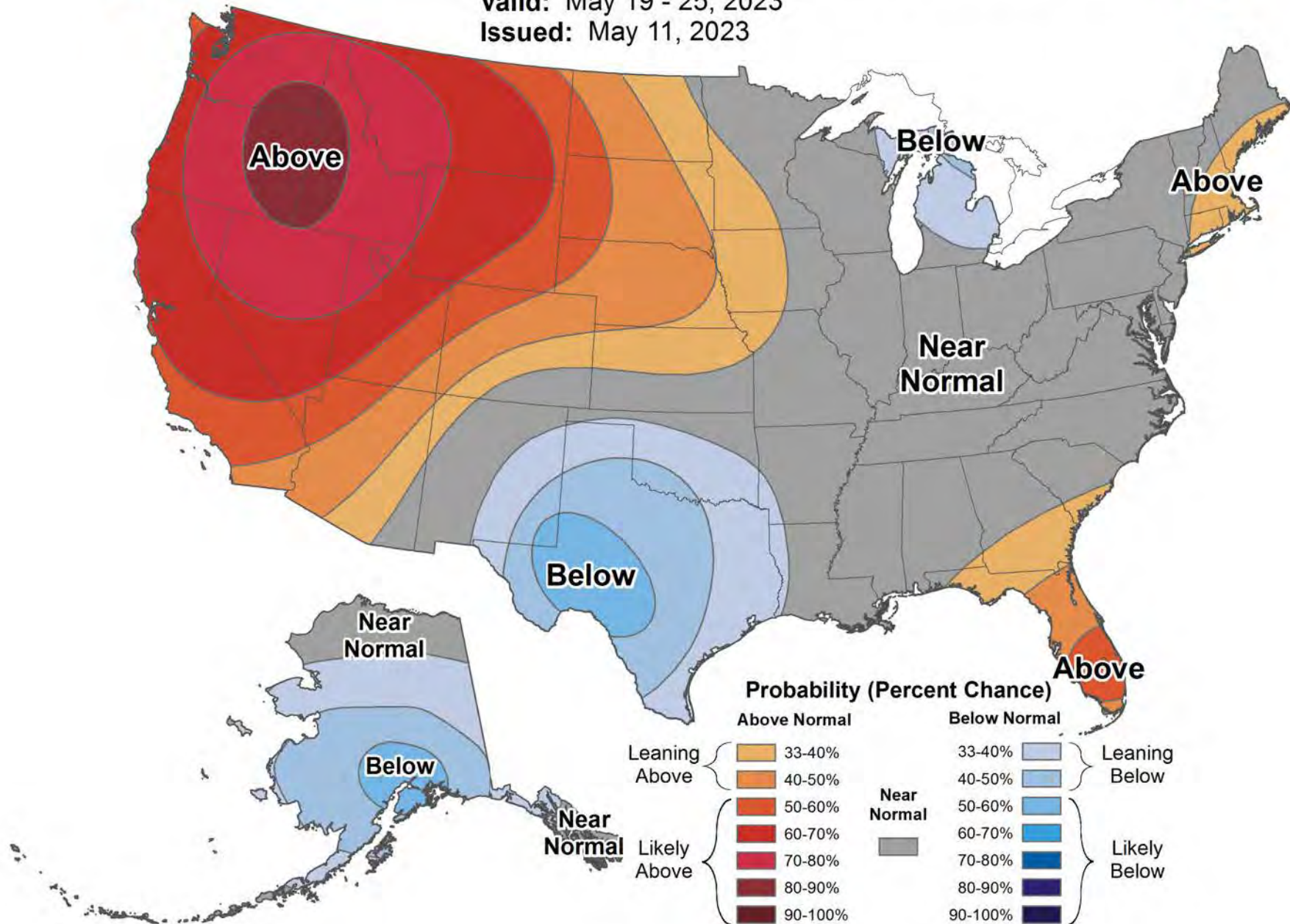


# 8-14 Day Temperature Outlook



Valid: May 19 - 25, 2023

Issued: May 11, 2023





# KERN RIVER WATERMASTER

[mark@kernriverwm.org](mailto:mark@kernriverwm.org)

661-333-6981

May 9, 2023

To: Kern River Interests

From: L. Mark Mulkay  
Kern River Watermaster

RE: Report of Recent Activities

This is the May 9, 2023, Kern River Watermaster Report.

**Isabella Dam Safety Modification Project** – The COE May 2023 Isabella Situation Report is attached. The Isabella Dam Safety Modification Project received the USSD 2023 Excellence in Construction Project Award on April 18, 2023. Congratulations to the COE and all those who participated in the Project. Concrete work on the Labyrinth Weir Apron has been completed.

The Kern River Group continues to meet with the COE on a weekly basis to receive an update on the Project, Reservoir conditions, and Fill Plan. Last Friday (May 5<sup>th</sup>) the COE ordered the Kern River Interests to make the necessary preparations for releases from Isabella to be increased to 7000 cfs. Plans are being made to fulfill the order.

The COE working with the owners of the power plant at the base of the main dam (Isabella Partners), reduced outflow from Isabella to zero on April 26<sup>th</sup> in order to take the power plant off line. The outflow was ramped back up over the next 18 hours to match the previous flows. The power plant was experiencing vibration and needed to be taken off line to perform maintenance.

**Runoff and Operations** – Runoff during late April and early May has increased and decreased due to temperatures. Isabella is currently at 346,000 acre-feet (see attached Current Reservoir Conditions May 8 attached). This year's snow melt will now begin in earnest, and inflow is expected to climb over the next several weeks. Attached is the May 9, 2023, Tulare Basin Precipitation 6-Station Index for water year 2023. The Index is at 51.5 inches of precipitation, 195% percent of average for this date compared to the water year. Also attached is the May 9<sup>th</sup> Tulare Basin 6-Station Precipitation Bar Chart showing the same information in a monthly format. April and May have been drier than normal, which has been a welcome relief from the very wet months of December through March. The May 8<sup>th</sup> California Snow Water Content (copy attached) shows the southern Sierra at 244% of the April 1<sup>st</sup> average.

**Public Outreach** –I continue to field calls and emails from individuals and news outlets (including the LA Times, Washington Post, NASA, and Isabella News) regarding the above average precipitation, flooding, reservoir outflows, and the COE's Fill Plan. I made a presentation on Kern River activities to the local chapter of the American Society of Civil Engineers on April 29, and I am scheduled to present to the Golden Valley Kiwanis May 31<sup>st</sup>, Chamber of Commerce June 2<sup>nd</sup>, and Water Association of Kern County July 25<sup>th</sup>. I have also participated in several State and local OES meetings recently.

**California Cooperative Snow Surveys** – The ground snow surveys for April were completed on schedule and the data was forwarded to DWR and ASO. This data was included in the next May 8 DWR B-120 Report. The May 8<sup>th</sup> DWR B-120 Report did not change and predicts (at the 50 Percentile) 424% of normal runoff and 1.8 million AF during April through July.

**Aerial Snow Observatory** – The ASO continues to hold weekly meetings to discuss the schedule of flights, collection of data, and reporting. Our final flight is scheduled for some time between May 5 and June 1. The ASO Report from last week showed a significant reduction in snow back between April and May. The modeling was reviewed and amended to reflect numbers closer to the most recent B-120 Report. They are predicting up to 1.5 million acre-feet of runoff between now and the end of July.

**Attachments:**

- COE Isabella Situation Report, May 2023
- Current Reservoir Conditions, May 8, 2023
- Tulare Basin Precipitation: 6-Station Index, May 9, 2023
- Tulare Basin 6-Station Index (bar chart), May 9, 2023
- California Snow Water Content Percent of April 1<sup>st</sup> Average, May 9, 2023



# ISABELLA LAKE, CA CONSTRUCTION

## U.S. ARMY CORPS OF ENGINEERS

## BUILDING STRONG.

### Location & Description

Isabella Lake Dam (consisting of a main dam, auxiliary dam, emergency and service spillways) is located about 40 miles northeast of Bakersfield in Kern County, California, and became fully operational in 1953. The main dam is located near the confluence of the north and south forks of the Kern River and the auxiliary dam is located about half a mile east of the main dam. The main dam is a 185-foot-high earth-fill dam, and the auxiliary dam is a 100-foot-high earth-fill dam. The emergency and service spillways are located between the two dams. The reservoir (Isabella Lake) has a gross storage capacity of 568,075 acre feet.

May 2023



Photo shows aerial visual overlooking the Labyrinth Weir and Main Dam Control Tower.

### Advisory

- The Phase II Dams and Spillways contractor continues construction activities. As a result, the site including Engineers Point is an active construction area and is off limits to the public.
- USACE policy prohibits public operation of unmanned aircraft systems, such as drones, on or above federal lands and waters managed by USACE. The policy is intended to ensure critical infrastructure security and public safety.

### Accomplishments

- The Isabella Dam Safety Modification Project was the recipient of the USSD 2023 Excellence in Constructed Project Award on April 18, 2023. This annual award recognizes a water resource project with significant contributions to the dam community and /or to society that met the challenges of the nation's aging infrastructure in an era of limited financial resources and increasing environmental awareness.
- Concrete work on the Labyrinth Weir Apron was completed last week.

### Looking Ahead (Next 30+ days)

- Ongoing construction efforts continue into spring/summer 2023; that will not affect the functionality of the project and includes road work, utilities, site restoration, disposal of waste materials, final clean-up of local rock surfaces, and demobilization.
- In support of the USFS Visitor Center project, USACE continues working closely with the U.S. Forest Service on the design process. The 35% design is scheduled through the beginning of June. The Main Dam Campground is projected to be in the 95% design stage by the end of this month.

### Current Lake Status (as of May 4, 2023)

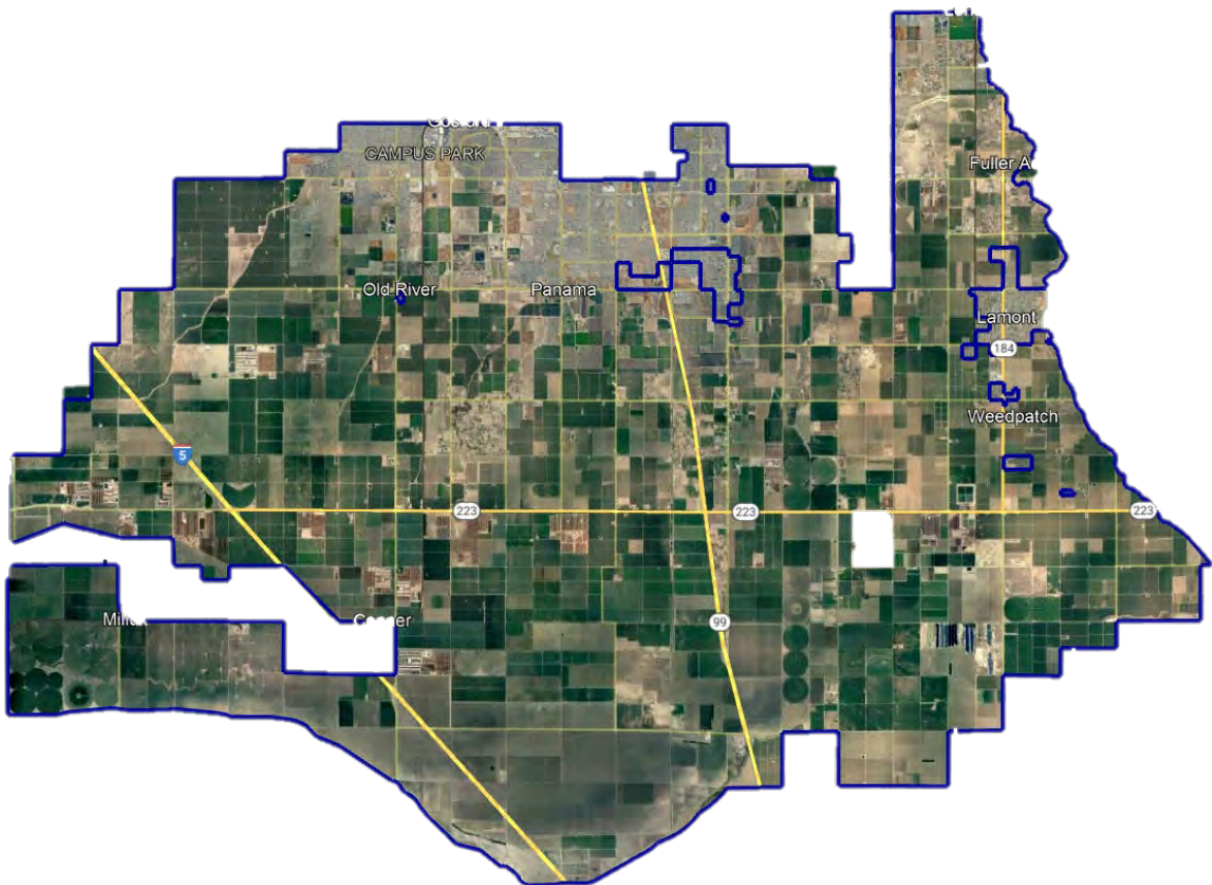
The current pool resides at 349,115 acre-feet (elevation 2,536 feet-IPD), which is 97% of restricted pool and 201% of flood conservation pool.

Isabella Lake has been approved to temporarily exceed the operating restriction of 361,250 acre-feet (elevation 2,585.5 feet-IPD) up to gross storage capacity, outside of flood season. During flood season (~November-April), flood conservation pool is restricted to 170,000 acre-feet (elevation 2,560.4 feet-IPD). Current lake status can be viewed at <https://www.spk-wc.usace.army.mil/cgi-bin/hourly.py?report=isb>

| Completion Milestones                                  |          |
|--|----------|
| Pre-Construction Engineering and Design                | Complete |
| Construction of USFS Fire Station and Admin Facilities | Complete |
| Dams and Spillways Construction                        | 2023     |
| Permanent Operations Facilities                        | 2024     |
| U.S. Forest Service Visitor's Information Center       | 2025     |

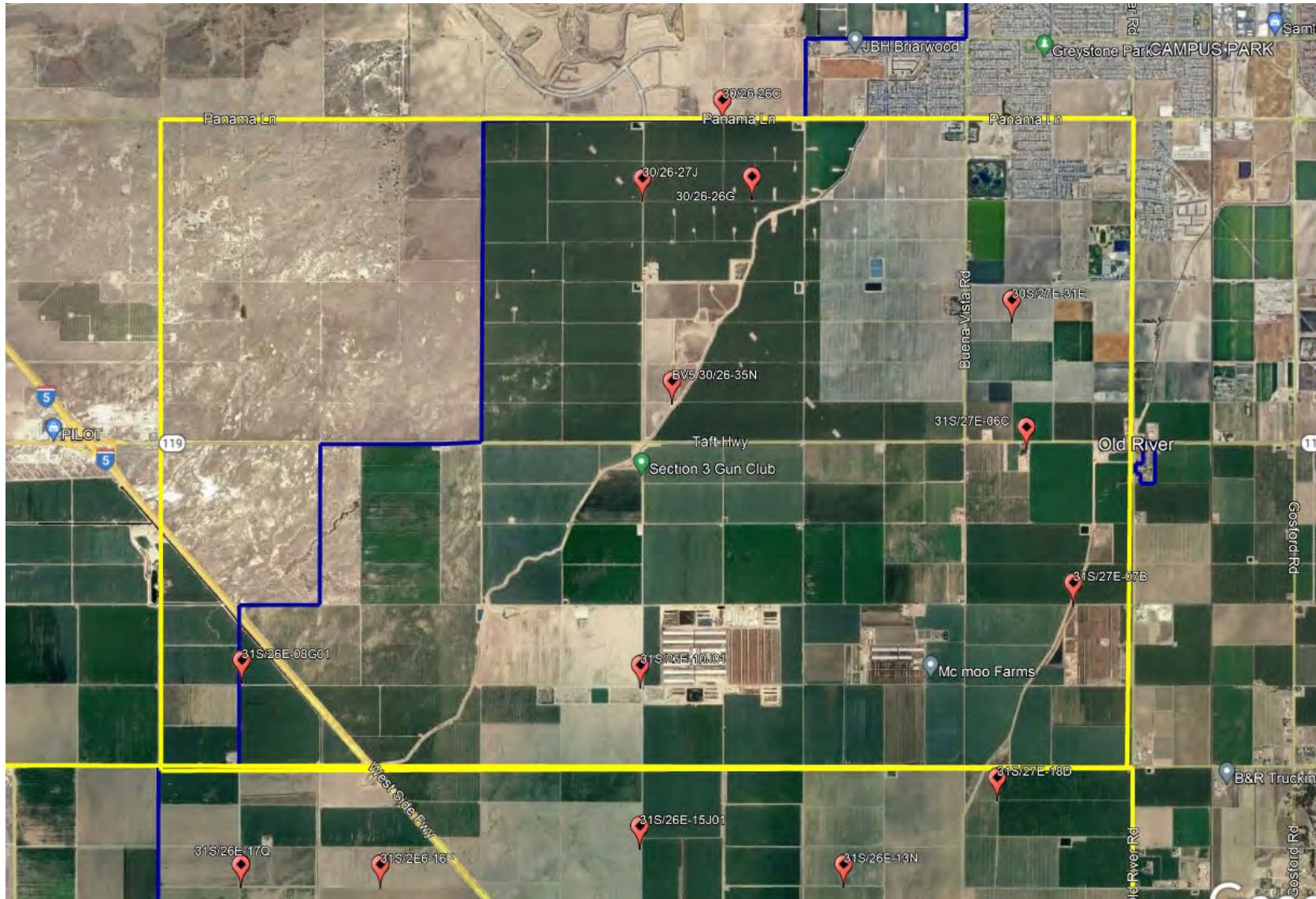


## Monthly Groundwater Report



**May 2023**





# 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       |          |          |          |          |          |          |          | 207            | 204           | 206               |
|   | 30/26-26G   | R        | 199      | G        | G        | G        | NR       | NR       | NR       | NR       |          |          |          |          |          |          |          | 199            | 199           | 199               |
|   | 30/26-27J   | R        | 210      | G        | G        | 218      | 218      | NR       | NR       | NR       |          |          |          |          |          |          |          | 218            | 210           | 215               |
|   | 30/26-35N   | 184      | 171      | 169      | 185      | 217      | 207      | 202      | 201      | 200      |          |          |          |          |          |          |          | 217            | 169           | 193               |
|   | 30/27-31E   | 202      | 219      | 201      | 224      | 228      | 226      | 219      | R        | NR       |          |          |          |          |          |          |          | 228            | 201           | 217               |
|   | 31/26-08G   | NR       | 204      | 205      | 200      | NR       | 217      | 216      | 170      | 175      |          |          |          |          |          |          |          | 217            | 170           | 198               |
|   | 31/26-10J   | 202      | NR       | 203      | 205      | 216      | 208      | 196      | 196      | 197      |          |          |          |          |          |          |          | 216            | 196           | 203               |
|   | 31/27-06C   | 208      | 215      | 203      | 215      | 228      | 226      | 212      | R        | 225      |          |          |          |          |          |          |          | 228            | 203           | 217               |
|   | 31/27-07B   | R        | 200      | NR       | 235      | 207      | 207      | 202      | 208      | 211      |          |          |          |          |          |          |          | 235            | 200           | 210               |
|   | MONTHLY AVG | 199      | 203      | 196      | 211      | 217      | 216      | 208      | 194      | 202      |          |          |          |          |          |          |          |                |               |                   |
| MAXIMUM DEPTH TO WATER NW (running average for all data last 5 years) |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 235            |               |                   |
| MINIMUM DEPTH TO WATER NW (running average for all data last 5 years) |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 169            |               |                   |
| AVERAGE DEPTH TO WATER NW (running average for all data last 5 years) |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 206            |               |                   |

G = gated well, unable to access

R = running well, no measurement taken

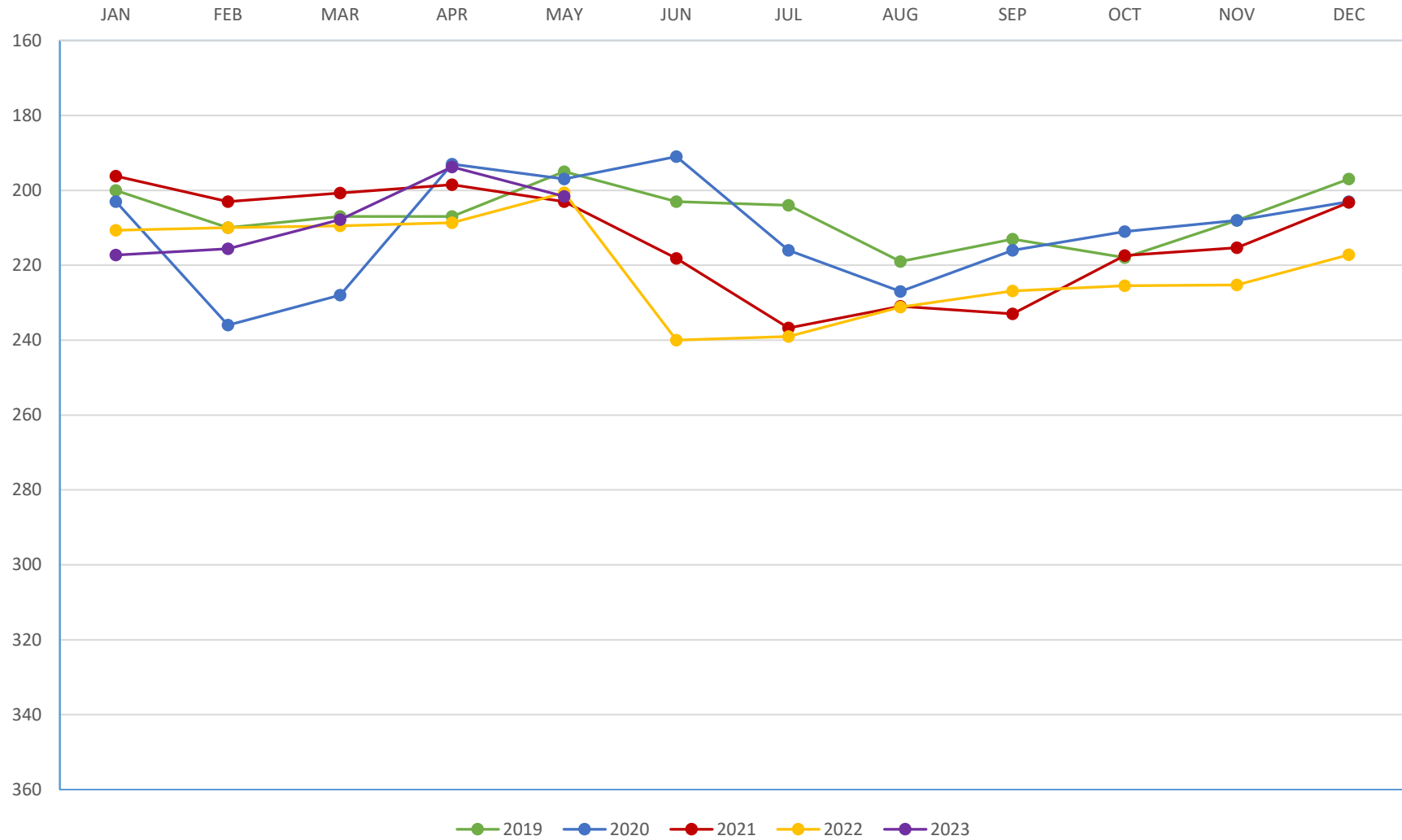
NR = temporary 'no reading', no measurement taken

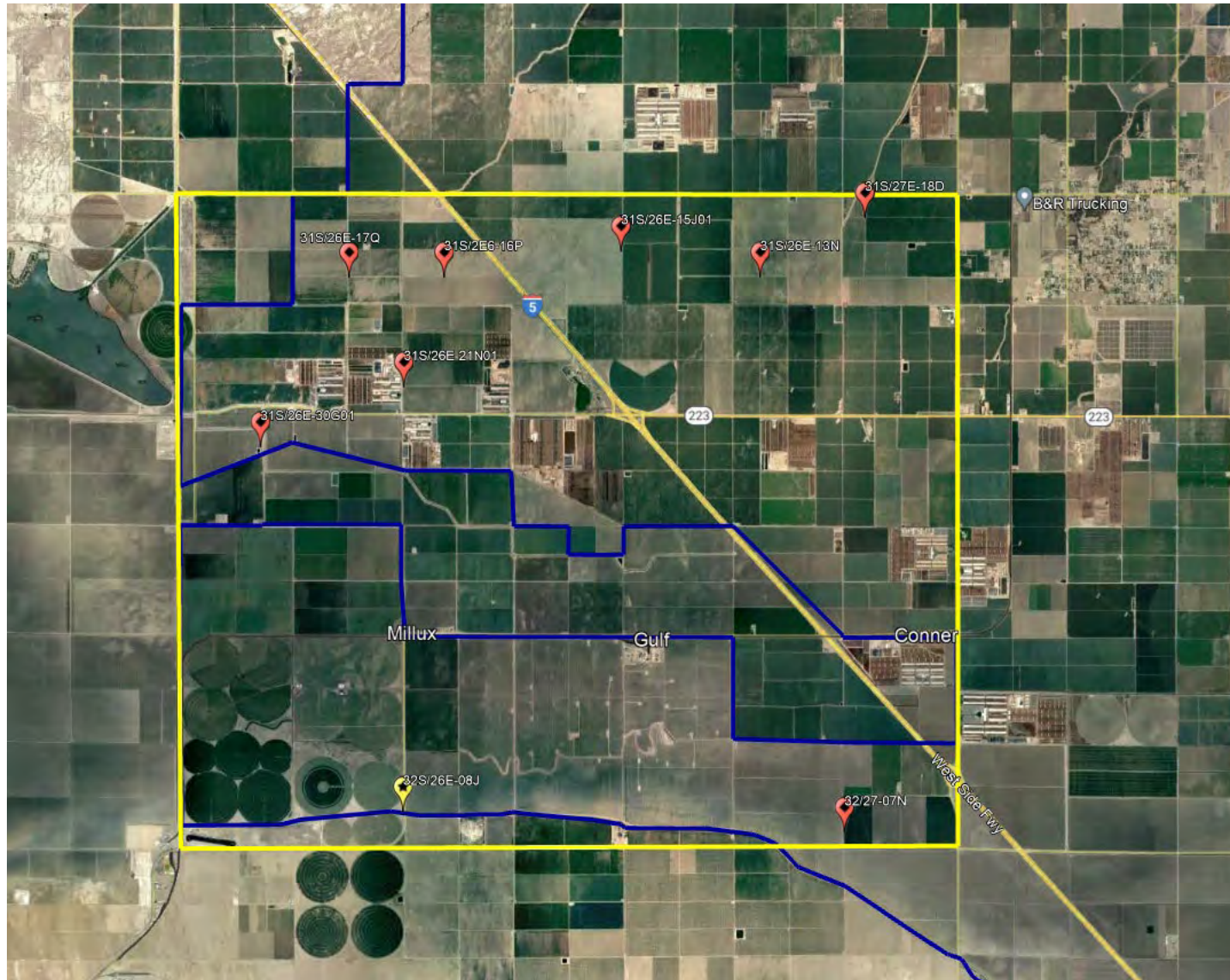
yellow shading = inactive well



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      |          |          |          |          |          |          |          | 215            | 187           | 202               |
|   | 31/26-15J   | 205      | NR       | 201      | 205      | 211      | 207      | 199      | 178      | 189      |          |          |          |          |          |          |          | 211            | 178           | 199               |
|   | 31/26-16P   | 207      | 204      | 202      | 200      | 207      | 201      | 182      | 183      | R        |          |          |          |          |          |          |          | 207            | 182           | 198               |
|   | 31/26-17Q   | 210      | 203      | 219      | 202      | NR       | 204      | 201      | NR       | 200      |          |          |          |          |          |          |          | 219            | 200           | 206               |
|   | 31/26-21N   | 238      | 204      | 204      | 228      | 215      | 208      | 202      | R        | 182      |          |          |          |          |          |          |          | 238            | 182           | 210               |
|   | 31/26-30G   | 240      | 268      | 203      | 234      | 200      | 200      | 202      | 201      | 160      |          |          |          |          |          |          |          | 268            | 160           | 212               |
|   | 31/27-18D01 | 206      | 201      | 203      | 222      | 222      | 217      | 201      | R        | 200      |          |          |          |          |          |          |          | 222            | 200           | 209               |
|   | 32/26-08J   | 215      | 209      | 212      | 200      | 213      | 200      | 202      | 201      | 200      |          |          |          |          |          |          |          | 215            | 200           | 206               |
|   | 32/27-07N   | 200      | 288      | 200      | 201      | NR       | 200      | 163      | 157      | 167      |          |          |          |          |          |          |          | 288            | 157           | 197               |
|   | MONTHLY AVG | 214      | 225      | 206      | 211      | 212      | 205      | 195      | 185      | 187      |          |          |          |          |          |          |          |                |               |                   |
| 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) |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 157            |               |                   |
| AVERAGE DEPTH TO WATER SW (running average for all data last 5 years) |             |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 204            |               |                   |

G = gated well, unable to access

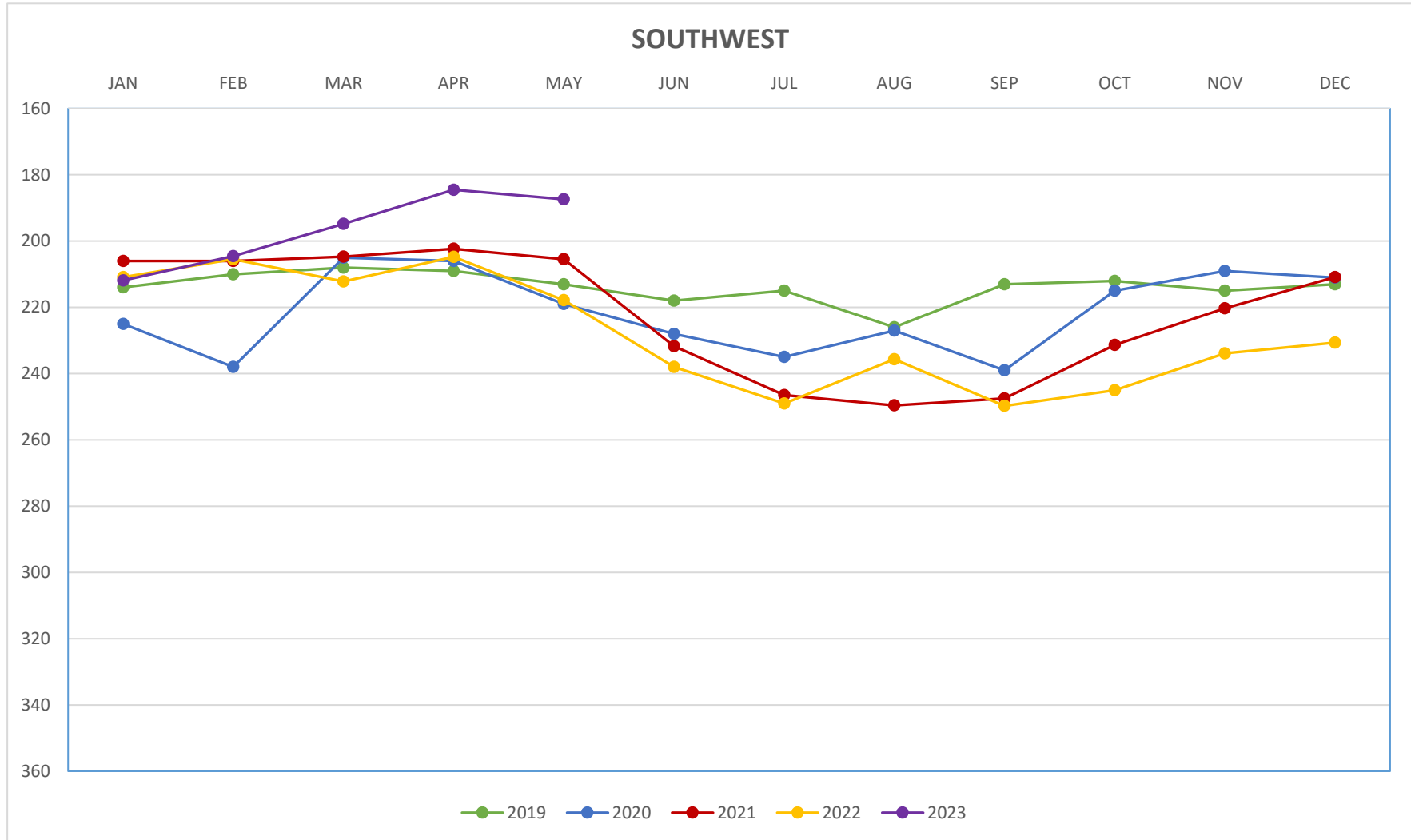
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NR = temporary 'no reading', no measurement taken

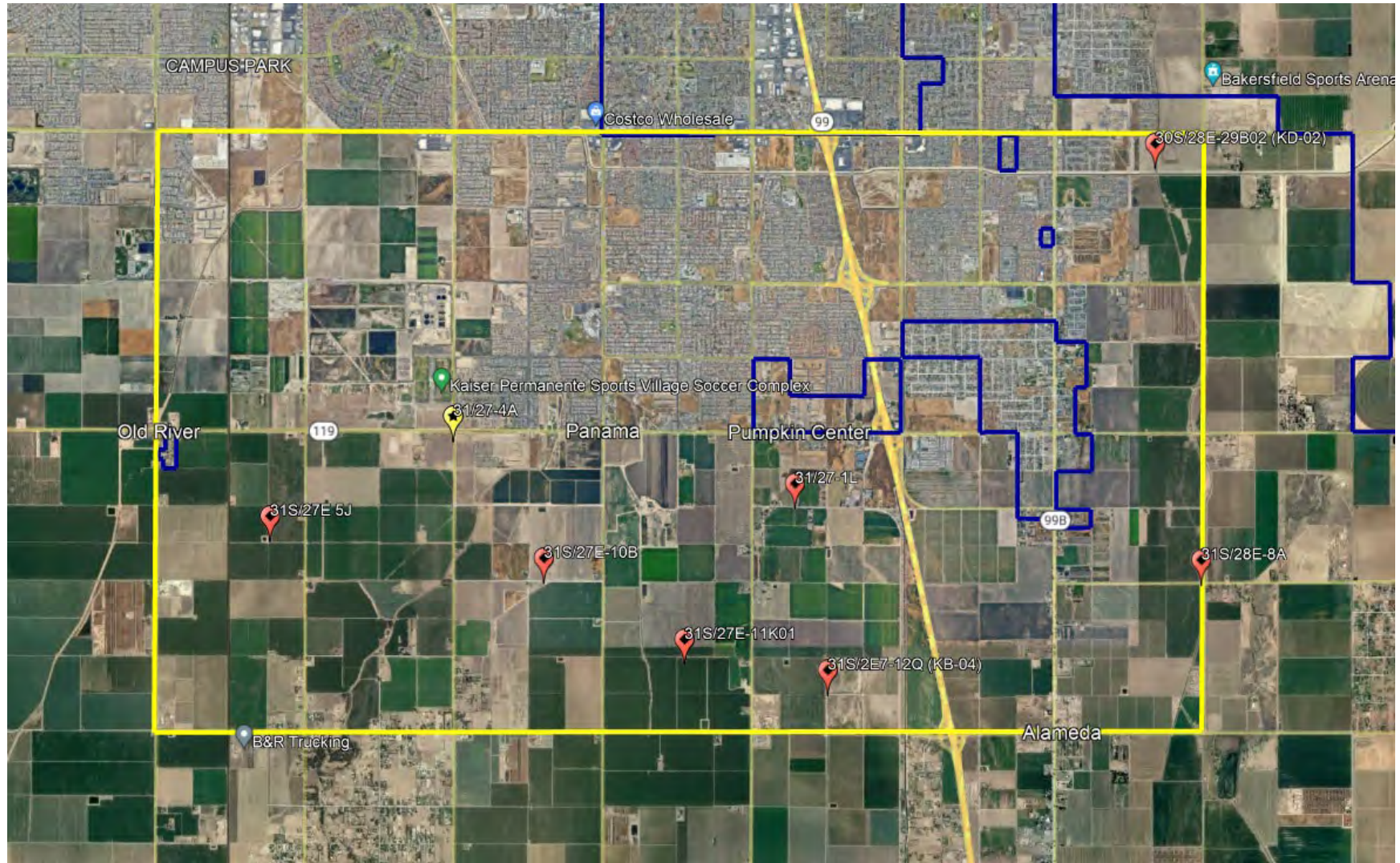
yellow shading = inactive well

5/11/2023

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) |
|------------------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---------------|-------------------|
| North-Central Quadrant | 30/28-29B  | 243      | 229      | 225      | 231      | 240      | 237      | 236      | 234      | 173      |          |          |          |          |          |          |          | 243            | 173           | 228               |
|                        | 31/27-01L  | 220      | 232      | 219      | 170      | 219      | 217      | 217      | R        | 217      |          |          |          |          |          |          |          | 232            | 170           | 214               |
|                        | 31/27-04A  | 183      | 184      | 179      | 182      | 186      | 185      | 184      | 183      | 189      |          |          |          |          |          |          |          | 189            | 179           | 184               |
|                        | 31/27-05J  | NR       | 228      | 207      | 230      | 214      | 223      | 217      | 220      | 228      |          |          |          |          |          |          |          | 230            | 207           | 221               |
|                        | 31/27-10B  | NR       | 208      | 208      | 210      | 210      | 210      | 208      | 209      | 213      |          |          |          |          |          |          |          | 213            | 208           | 210               |
|                        | 31/27-12Q  | 140      | 139      | 141      | 174      | 172      | 169      | 166      | 165      | 176      |          |          |          |          |          |          |          | 176            | 139           | 160               |
|                        | 31/28-08A  | 243      | 244      | 249      | 264      | 256      | 253      | 251      | 235      | 240      |          |          |          |          |          |          |          | 264            | 235           | 248               |
|                        | MONTHLY AVG  | 206      | 209      | 204      | 209      | 214      | 213      | 211      | 208      | 205      |          |          |          |          |          |          |          |                |               |                   |
|                        | MAXIMUM DEPTH TO WATER N-C (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 264            |               |                   |
|                        | MINIMUM DEPTH TO WATER N-C (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 139            |               |                   |
|                        | AVERAGE DEPTH TO WATER N-C (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 209            |               |                   |

G = gated well, unable to access

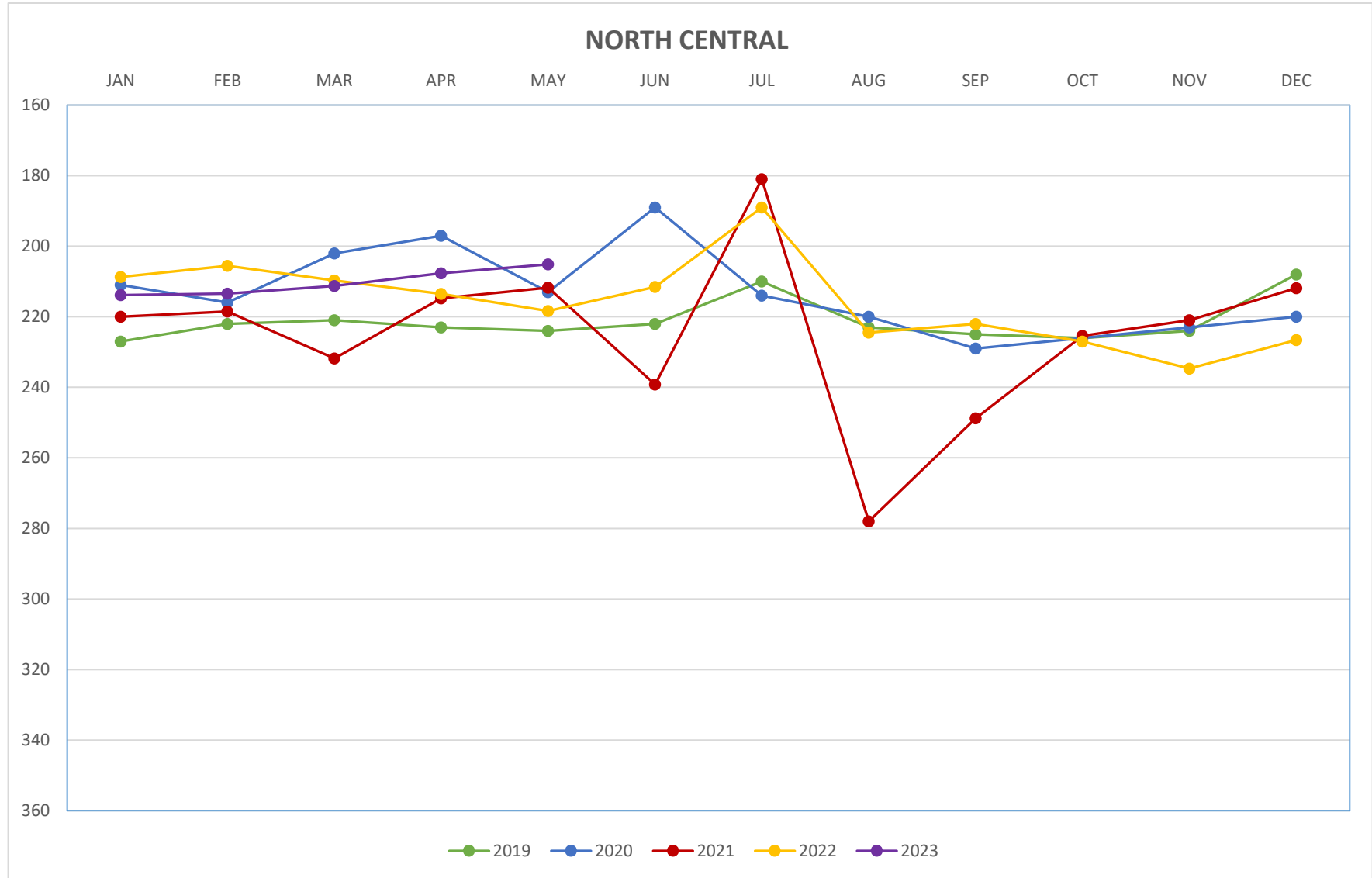
R = running well, no measurement taken

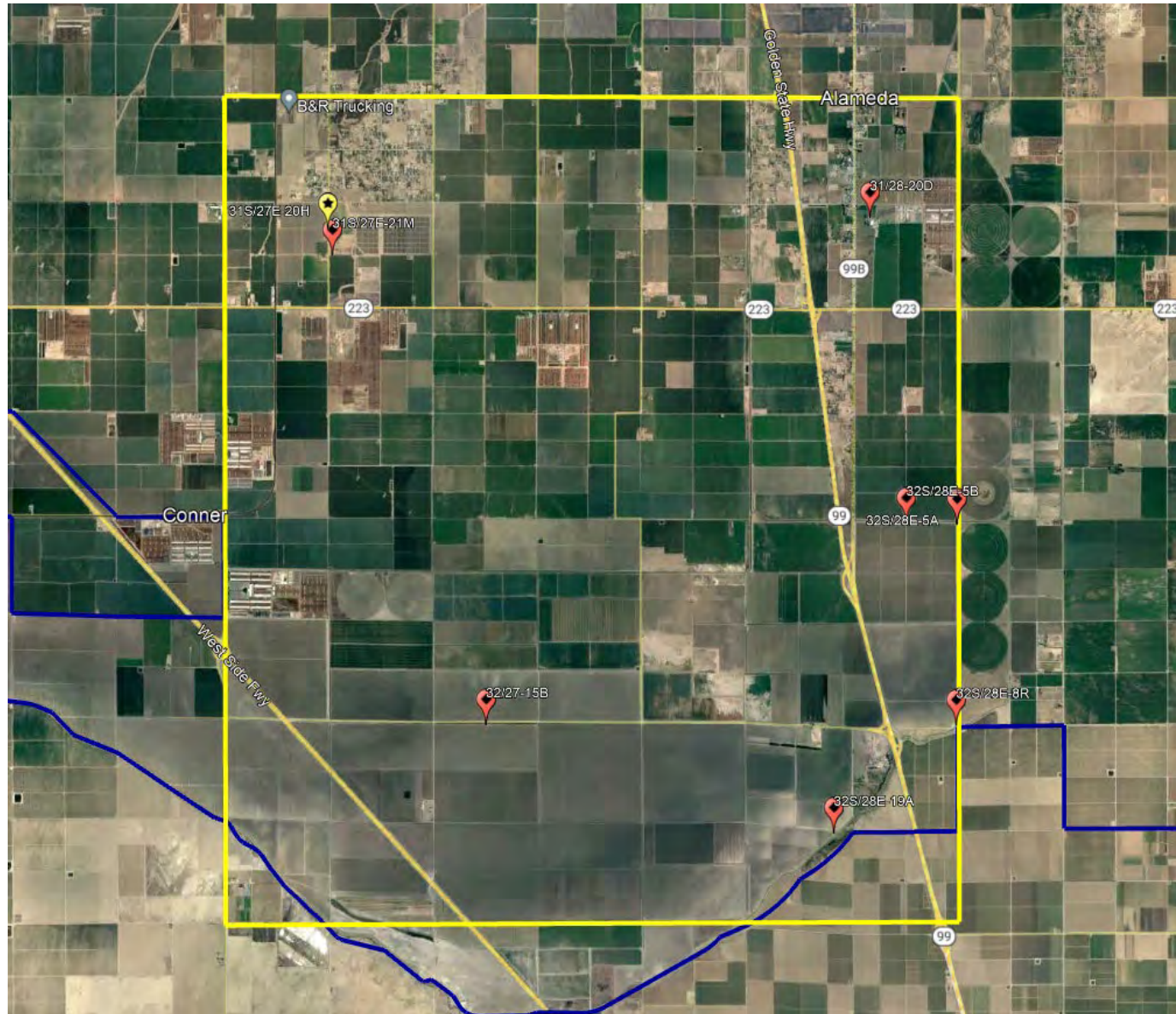
NR = temporary 'no reading', no measurement taken

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) |
|------------------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---------------|-------------------|
| South-Central Quadrant | 31/27-20H  | NR       | 211      | NR       | 213      | 203      | NR       | 188      | 187      | 201      |          |          |          |          |          |          |          | 213            | 187           | 201               |
|                        | 31/27-21M  | L        | L        | NR       | 220      | NR       | NR       | 206      | 168      | 170      |          |          |          |          |          |          |          | 220            | 168           | 191               |
|                        | 31/28-20D  | 190      | 201      | R        | 202      | 203      | 202      | NR       | NR       | NR       |          |          |          |          |          |          |          | 203            | 190           | 200               |
|                        | 32/27-15B  | 231      | 202      | 200      | 201      | 338      | 270      | 264      | 255      | 260      |          |          |          |          |          |          |          | 338            | 200           | 247               |
|                        | 32/28-19A  | 215      | 222      | 222      | 255      | NR       | 237      | 234      | 231      | 254      |          |          |          |          |          |          |          | 255            | 215           | 234               |
|                        | 32/28-05A  | 250      | 239      | 220      | 214      | 243      | 233      | 231      | 211      | 223      |          |          |          |          |          |          |          | 250            | 211           | 229               |
|                        | 32/28-05B  | 226      | 201      | 205      | 221      | 215      | 221      | 211      | 204      | 211      |          |          |          |          |          |          |          | 226            | 201           | 213               |
|                        | 32/28-08R  | 224      | 253      | 222      | 255      | NR       | 234      | 248      | 234      | 230      |          |          |          |          |          |          |          | 255            | 222           | 238               |
|                        | MONTHLY AVG  | 223      | 218      | 214      | 223      | 240      | 233      | 226      | 213      | 221      |          |          |          |          |          |          |          |                |               |                   |
|                        | 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) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 223            |               |                   |

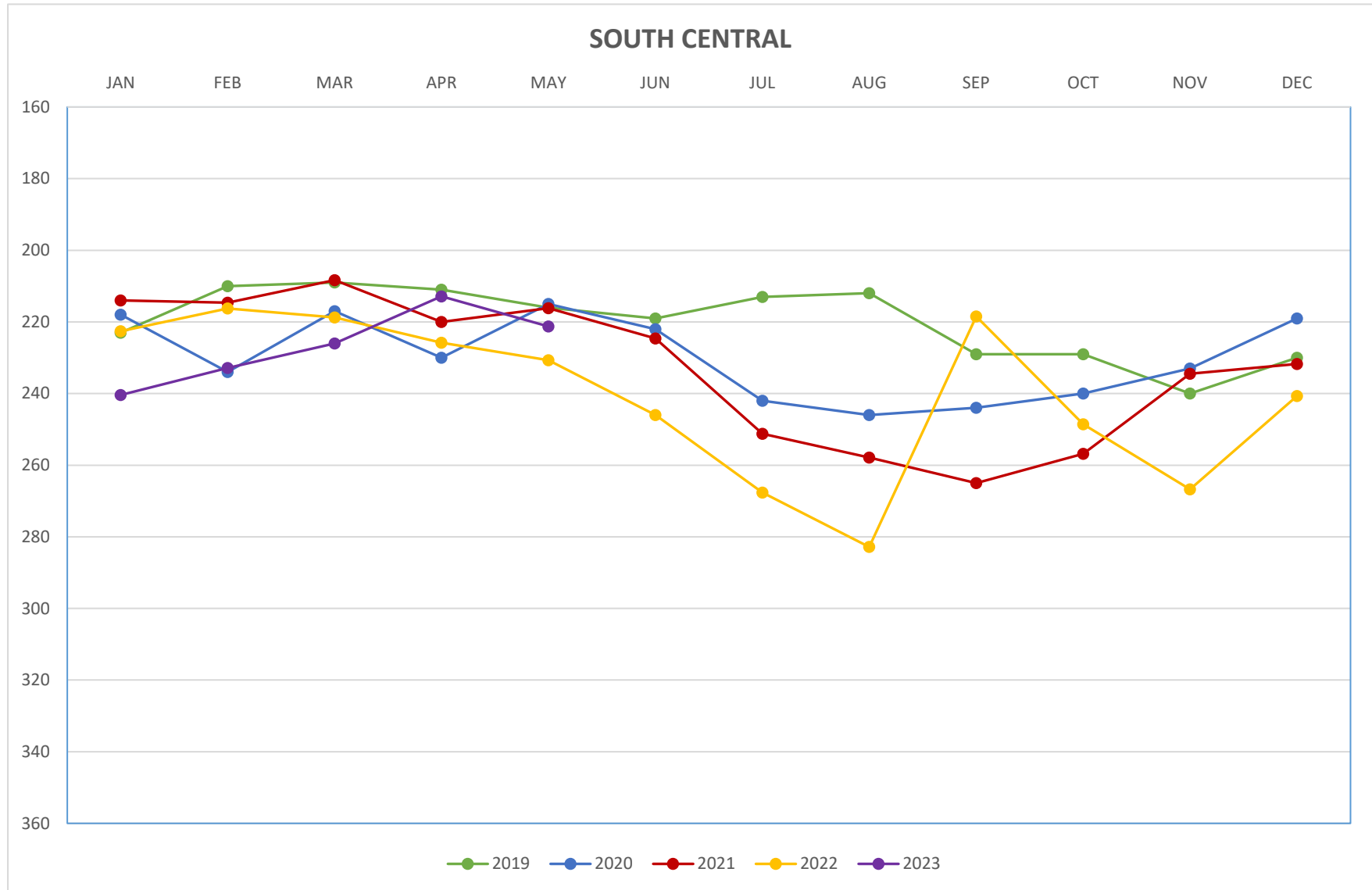
G = gated well, unable to access

R = running well, no measurement taken

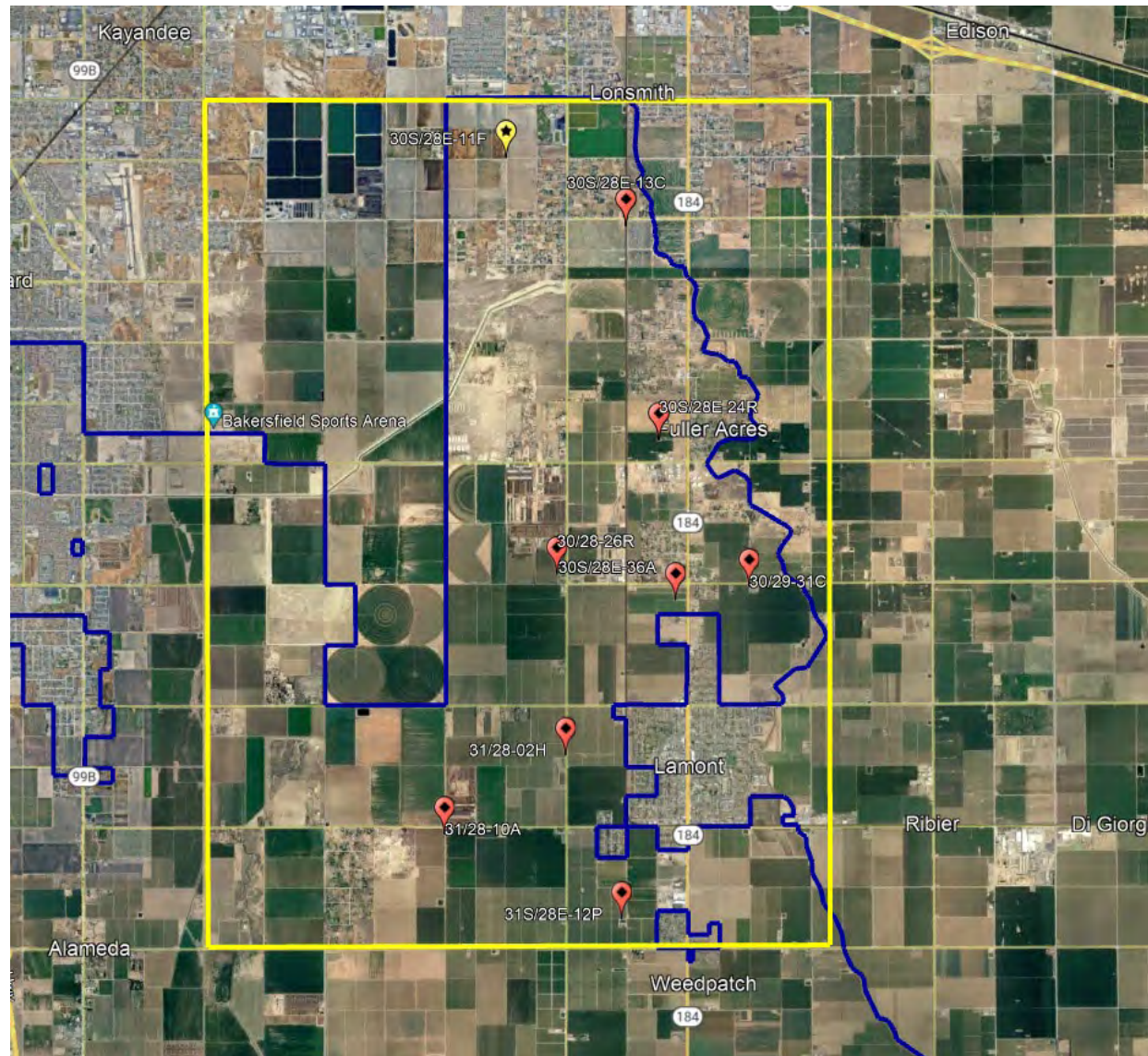
NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2023









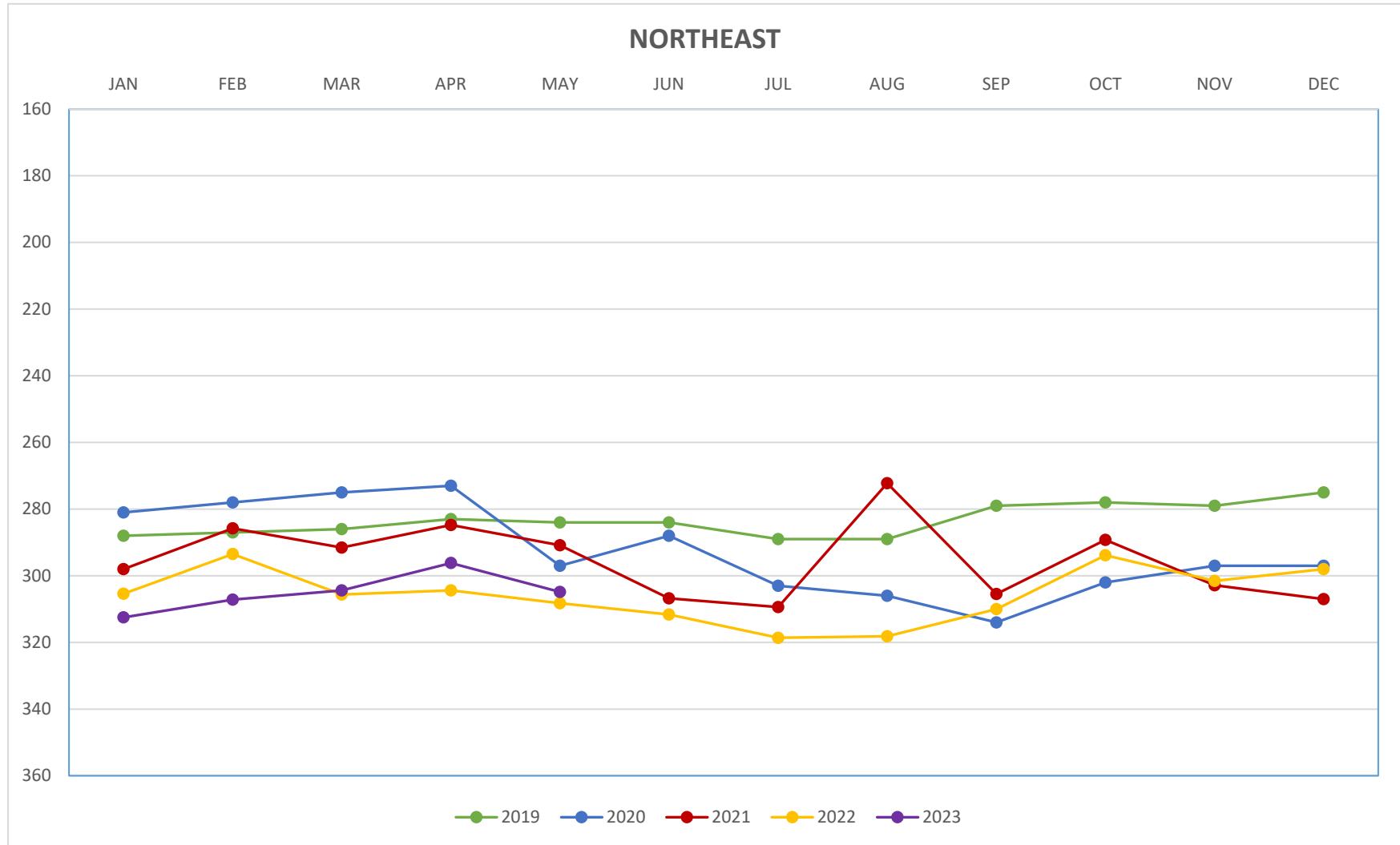
# 2023

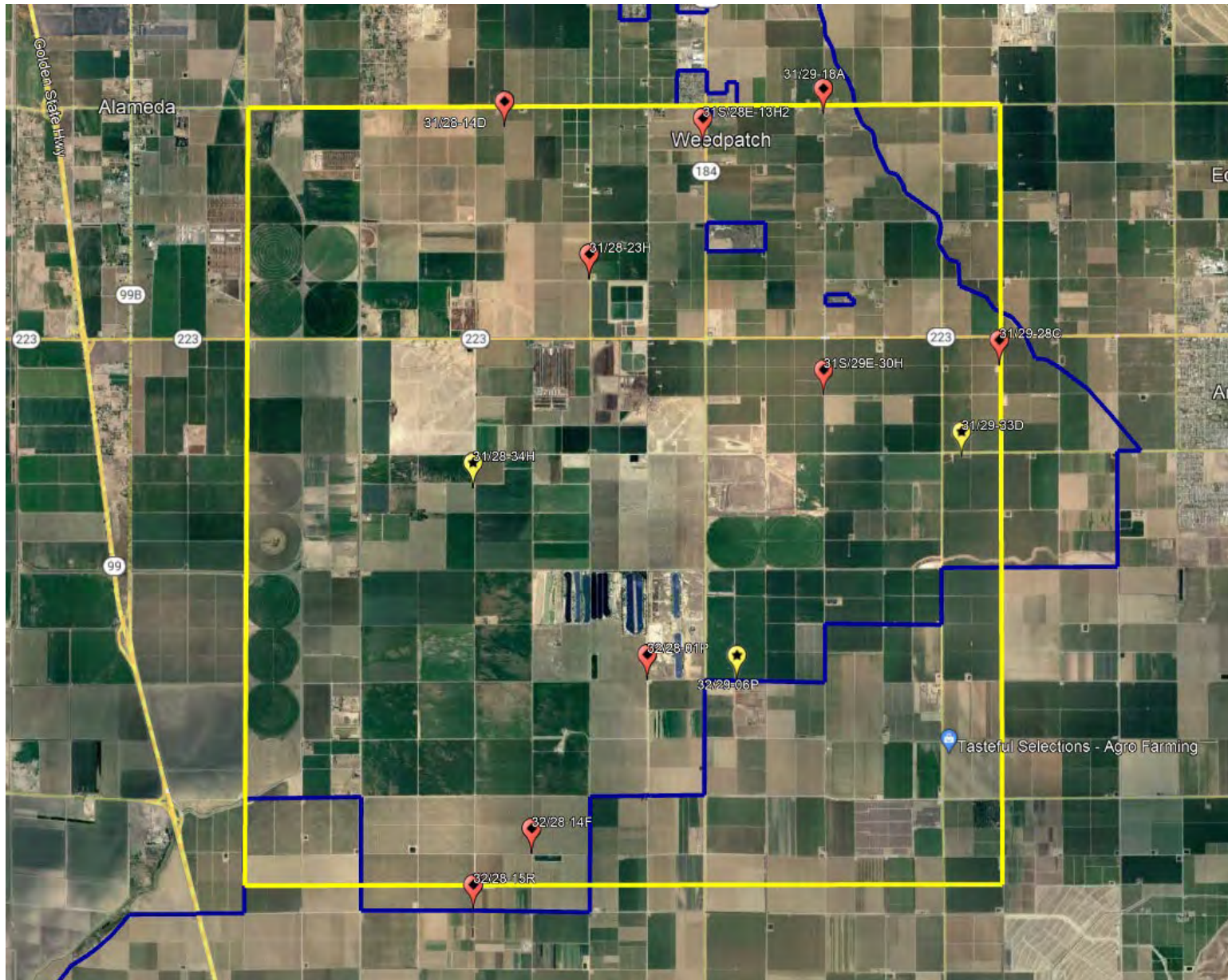
|                    |   | JAN 2019 | JAN 2020 | JAN 2021 | JAN 2022 | JAN 2023 | FEB 2023 | MAR 2023 | APR 2023 | MAY 2023 | JUN 2023 | JUL 2023 | AUG 2023 | SEP 2023 | OCT 2023 | NOV 2023 | DEC 2023 | HIGH (by well) | LOW (by well) | AVERAGE (by well) |
|--------------------|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---------------|-------------------|
| Northeast Quadrant | 30/28-11F   | 263      | 263      | 264      | 272      | NR       | 278      | 270      | 278      | 289      |          |          |          |          |          |          |          | 289            | 263           | 272               |
|                    | 30/28-13C   | R        | 300      | 331      | 320      | 313      | 321      | 322      | R        | R        |          |          |          |          |          |          |          | 331            | 300           | 318               |
|                    | 30/28-24R   | 306      | 311      | 309      | NR       | NR       | NR       | NR       | NR       | NR       |          |          |          |          |          |          |          | 311            | 306           | 309               |
|                    | 30/28-26R   | 287      | NR       | NR       | NR       | NR       | NR       | NR       | NR       | 295      |          |          |          |          |          |          |          | 295            | 287           | 291               |
|                    | 30/28-36A   |          | 212      | NR       | NR       | 334      | 332      | 326      | 331      | 331      |          |          |          |          |          |          |          | 334            | 212           | 311               |
|                    | 30/29-31C   | 327      | 338      | 330      | 344      | 347      | 344      | 344      | 338      | 340      |          |          |          |          |          |          |          | 347            | 327           | 339               |
|                    | 31/28-02H   | 291      | 290      | 295      | 326      | 310      | 308      | 304      | NR       | 307      |          |          |          |          |          |          |          | 326            | 290           | 304               |
|                    | 31/28-10A   | 253      | 253      | 258      | 265      | 269      | 266      | 264      | 238      | 271      |          |          |          |          |          |          |          | 271            | 238           | 260               |
|                    | 31/28-12P   | 286      | 284      | NR       | NR       | 302      | 301      | 301      | 296      | 301      |          |          |          |          |          |          |          | 302            | 284           | 296               |
|                    | MONTHLY AVG   | 288      | 281      | 298      | 305      | 313      | 307      | 304      | 296      | 305      |          |          |          |          |          |          |          |                |               |                   |
|                    | MAXIMUM DEPTH TO WATER NE (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 347            |               |                   |
|                    | MINIMUM DEPTH TO WATER NE (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 212            |               |                   |
|                    | AVERAGE DEPTH TO WATER NE (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | 299            |               |                   |

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

yellow shading = inactive well

2023

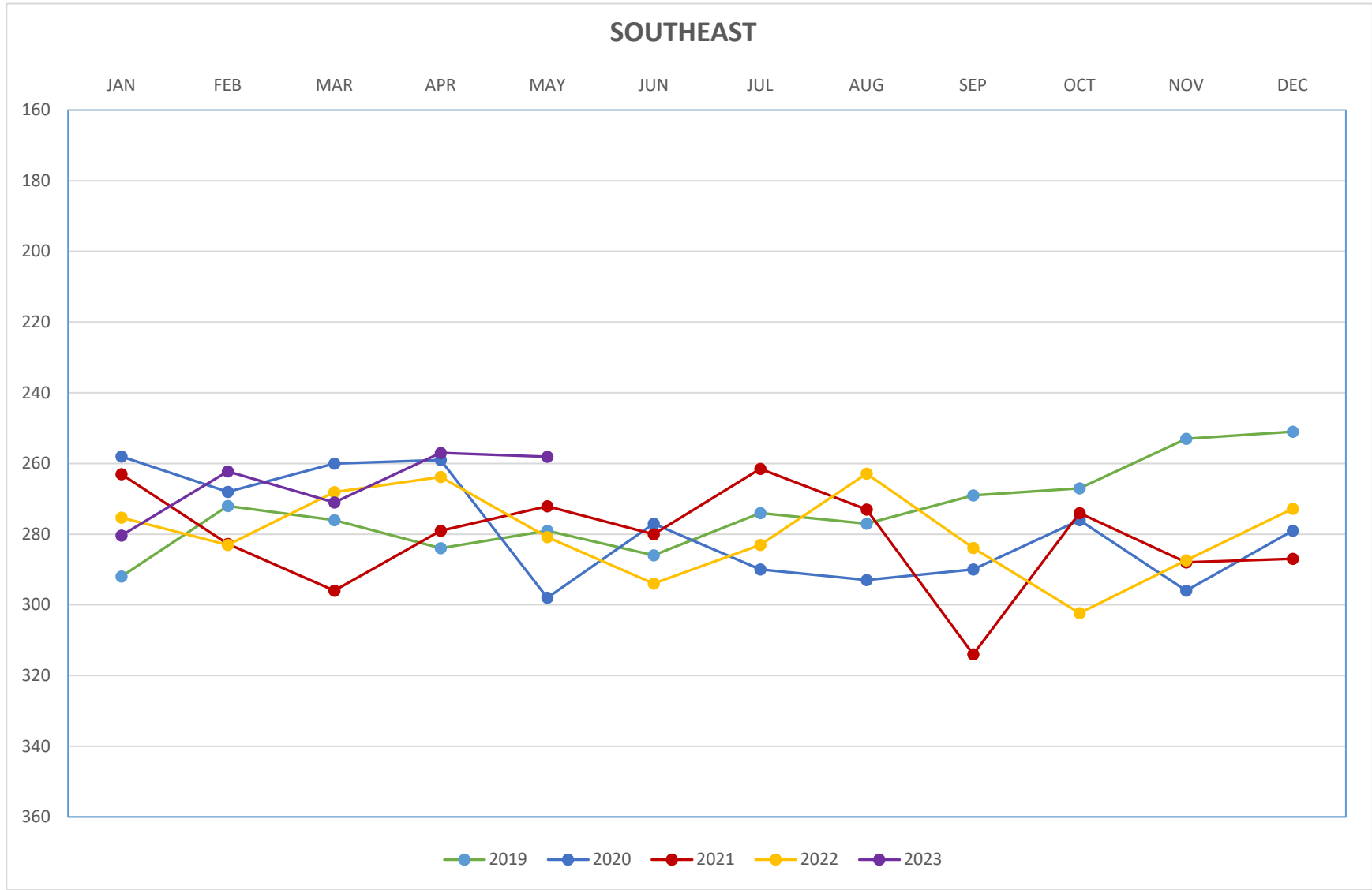




# 2023

|                    |             | 2023  |   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                |               | 2022              |  |  | 2021 |  |  | 2020 |  |  | 2019 |  |  |
|--------------------|-------------|---|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|---------------|-------------------|--|--|------|--|--|------|--|--|------|--|--|
|                    |             | 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      |          |          |          |          |          |          |          | 304            | 278           | 293               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/28-14D   | 239   | 230   | 235      | 247      | 245      | 243      | 241      | 230      | R        |          |          |          |          |          |          |          | 247            | 230           | 239               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/28-23H   | 290   | 286   | 275      | 276      | 313      | 304      | NR       | R        | NR       |          |          |          |          |          |          |          | 313            | 275           | 291               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/28-34H   | 337   | 206   | 204      | 203      | 213      | 223      | NR       | 221      | 220      |          |          |          |          |          |          |          | 337            | 203           | 228               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/29-18A   | 335   | 333   | 241      | 349      | 357      | NR       | NR       | NR       | NR       |          |          |          |          |          |          |          | 357            | 241           | 323               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/29-28C   | 347   | 344   | NR       | NR       | 201      | 205      | NR       | 204      | 202      |          |          |          |          |          |          |          | 347            | 201           | 251               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/29-30H   | NR  | NR  | 331      | 353      | 333      | R        | 328      | 332      | 340      |          |          |          |          |          |          |          | 353            | 328           | 336               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 31/29-33D   | 342   | 250   | 338      | 239      | 347      | 345      | 346      | 346      | 340      |          |          |          |          |          |          |          | 347            | 239           | 321               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 32/28-14F   | NR  | 222   | 241      | NR       | NR       | NR       | NR       | NR       | 205      |          |          |          |          |          |          |          | 241            | 205           | 223               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 32/28-15R   | 263   | 272   | 291      | 314      | 298      | 285      | 279      | 283      | 320      |          |          |          |          |          |          |          | 320            | 263           | 289               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 32/28-01P   | NR  | NR  | NR       | 207      | NR       | NR       | 202      | 221      | 200      |          |          |          |          |          |          |          | 221            | 200           | 208               |  |  |      |  |  |      |  |  |      |  |  |
|                    | 32/29-06P   | 183   | 177   | 208      | NR       | 198      | 195      | 197      | 198      | 206      |          |          |          |          |          |          |          | 208            | 177           | 195               |  |  |      |  |  |      |  |  |      |  |  |
|                    | MONTHLY AVG |   | 292   | 258      | 263      | 275      | 280      | 262      | 271      | 257      | 258      |          |          |          |          |          |          |                |               |                   |  |  |      |  |  |      |  |  |      |  |  |
|                    |             |   | MAXIMUM DEPTH TO WATER SE (running average for all data last 5 years) |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                |               | 357               |  |  |      |  |  |      |  |  |      |  |  |
|                    |             | 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) |   |          |          |          |          |          |          |          |          |          |          |          |          |          |          |                | 268           |                   |  |  |      |  |  |      |  |  |      |  |  |

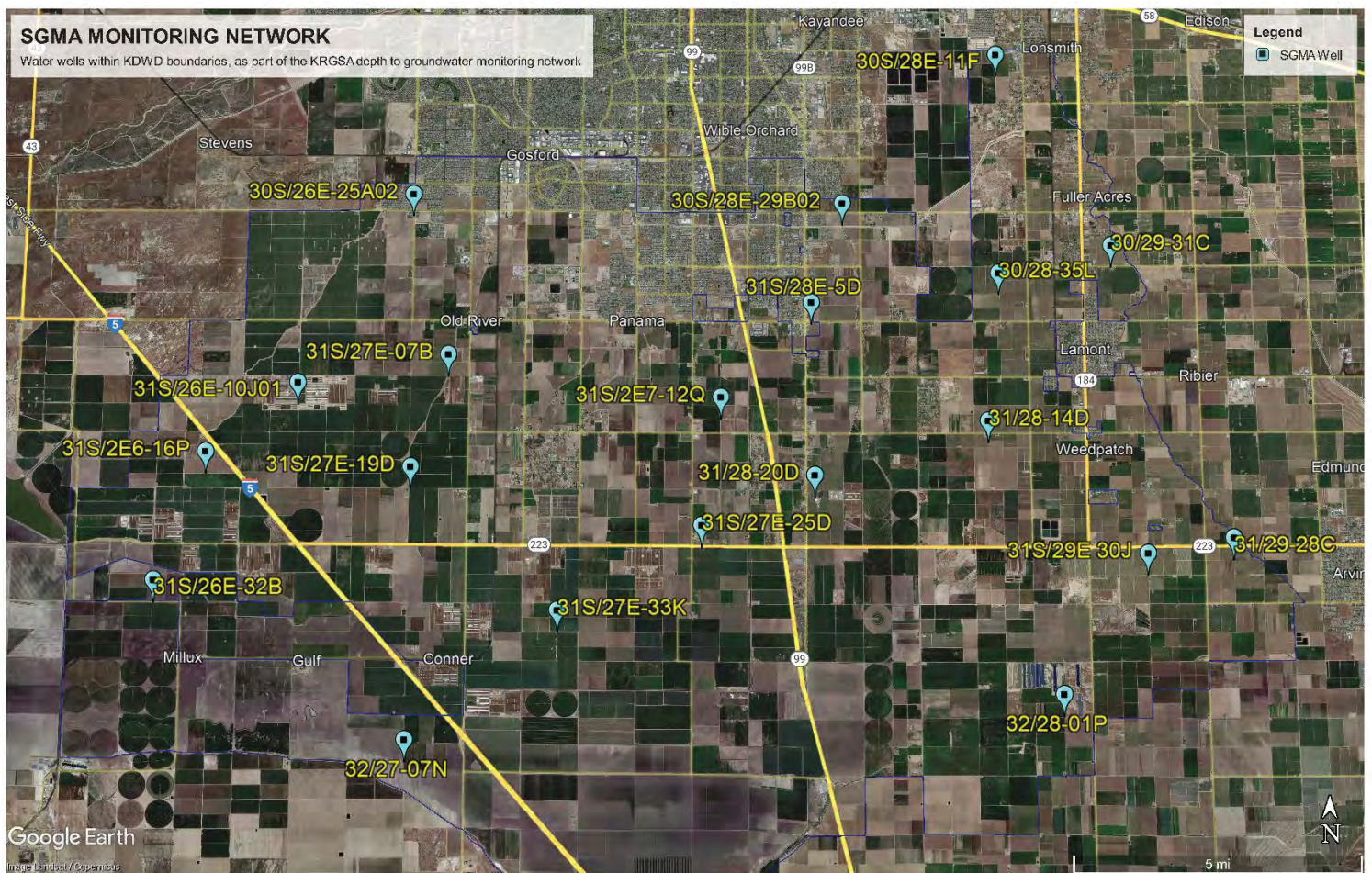
2023







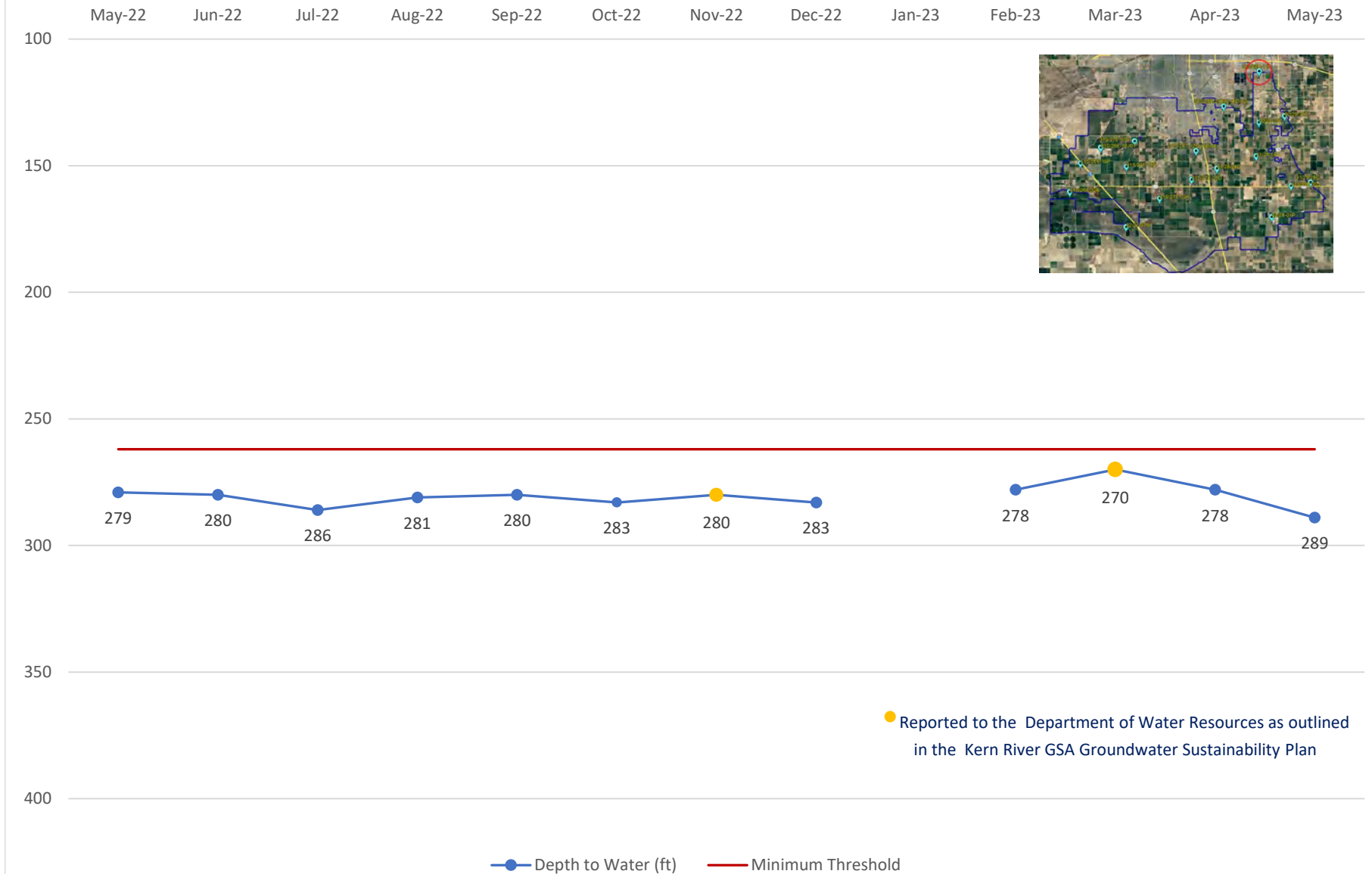
# Monthly SGMA Wells Monitoring Report



May 2023

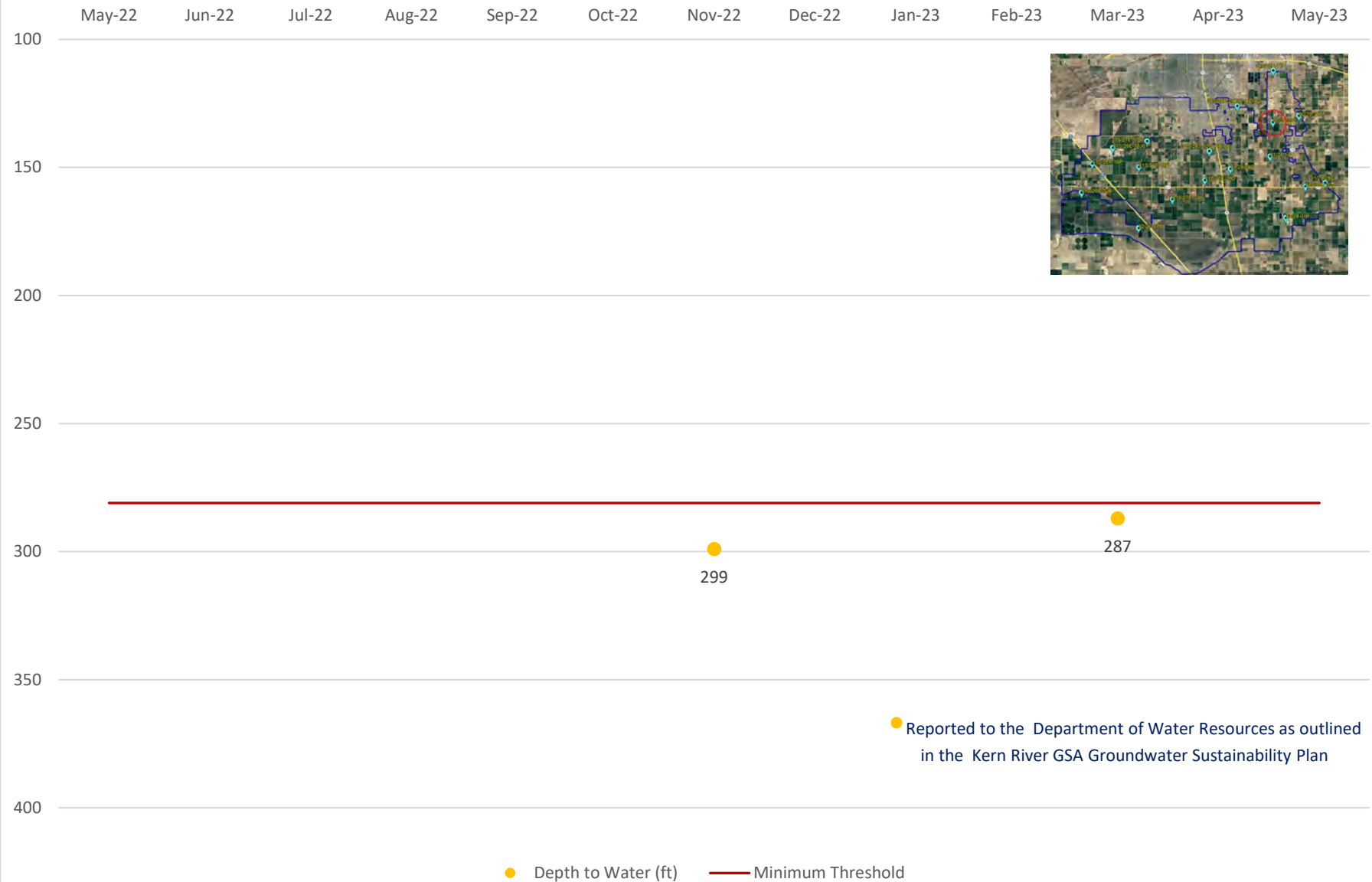
# RMW-030 30S/28E-11F

not to exceed 262' (depth to water)



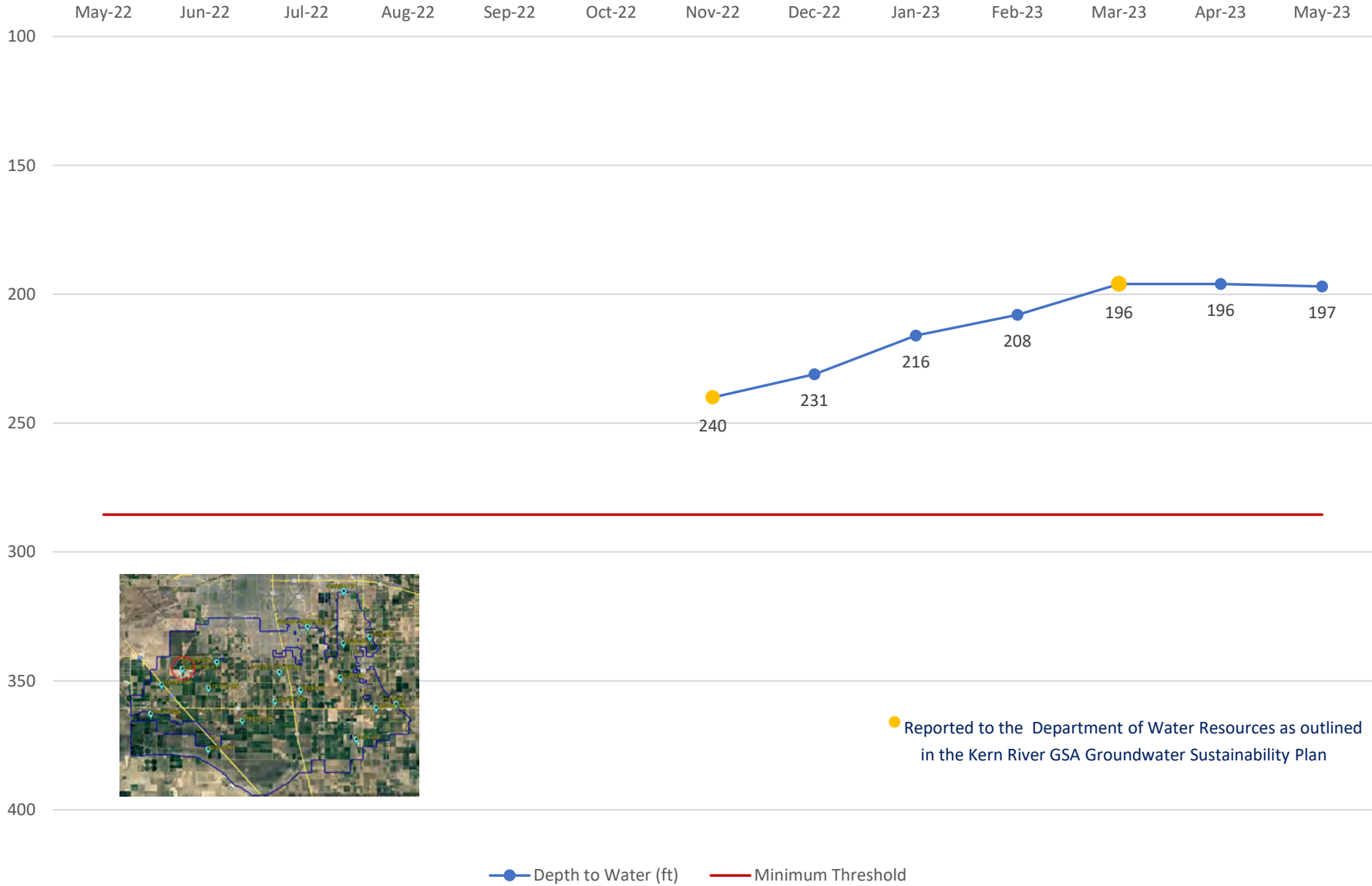
# RMW-034 30S/28E-35L

not to exceed 281' (depth to water)



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

not to exceed 285.5' (depth to water)



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

not to exceed 293' (depth to water)





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

not to exceed 269.9' (depth to water)



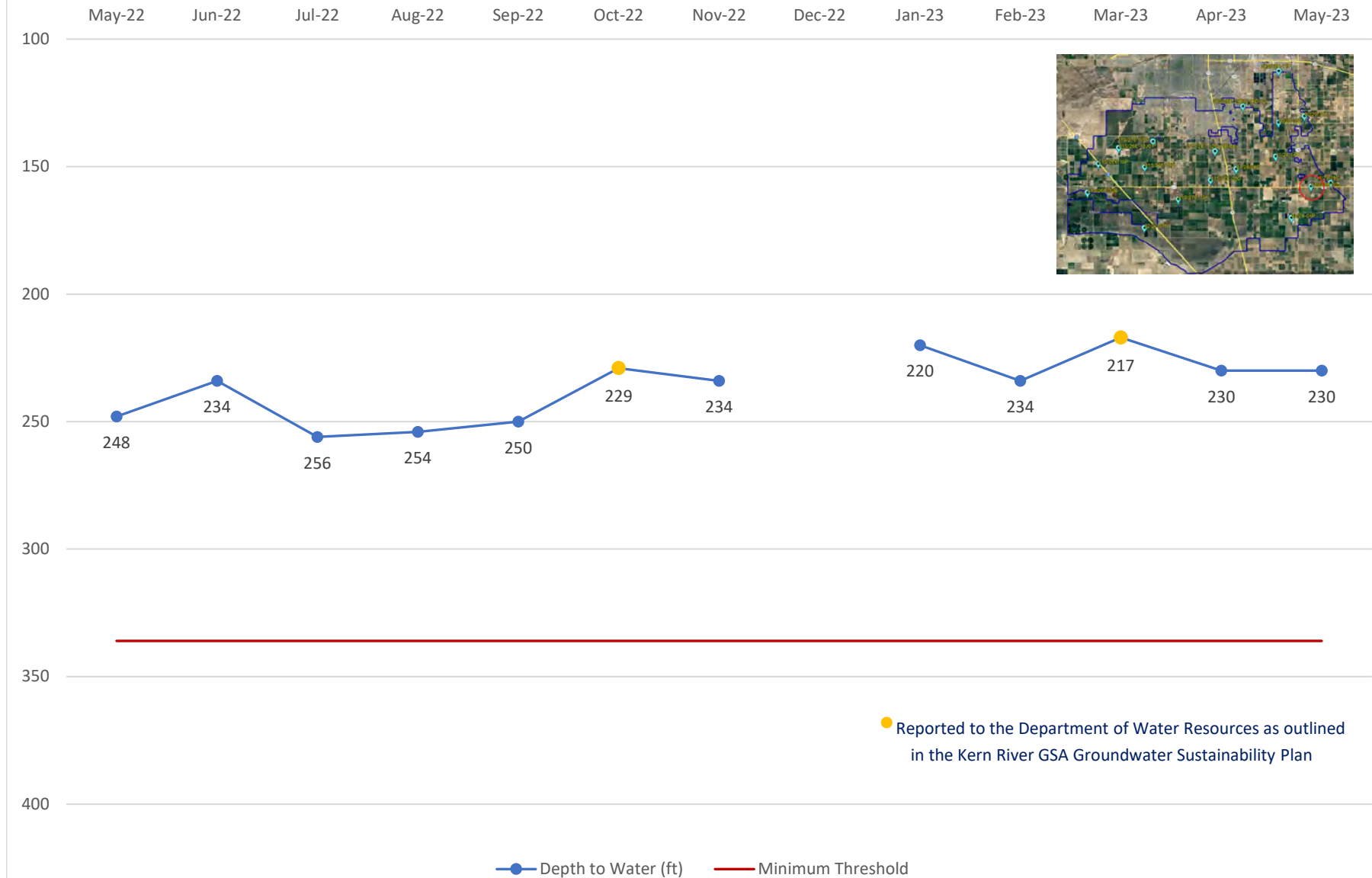
# RMW-040 31S/27E-25D

not to exceed 250' (depth to water)



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

not to exceed 336' (depth to water)



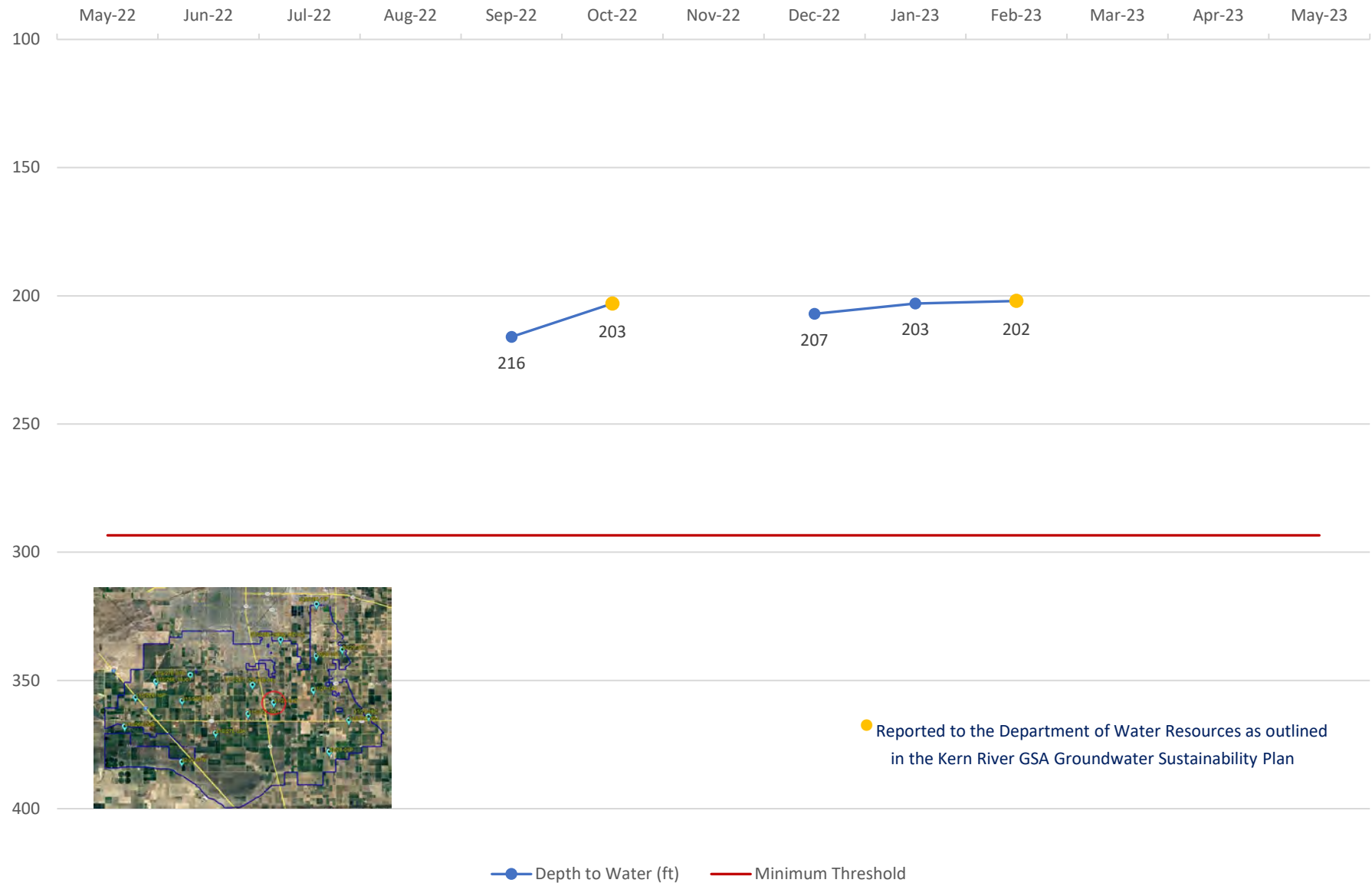
# RMW-042 31S/26E-32B

not to exceed 335' (depth to water)



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

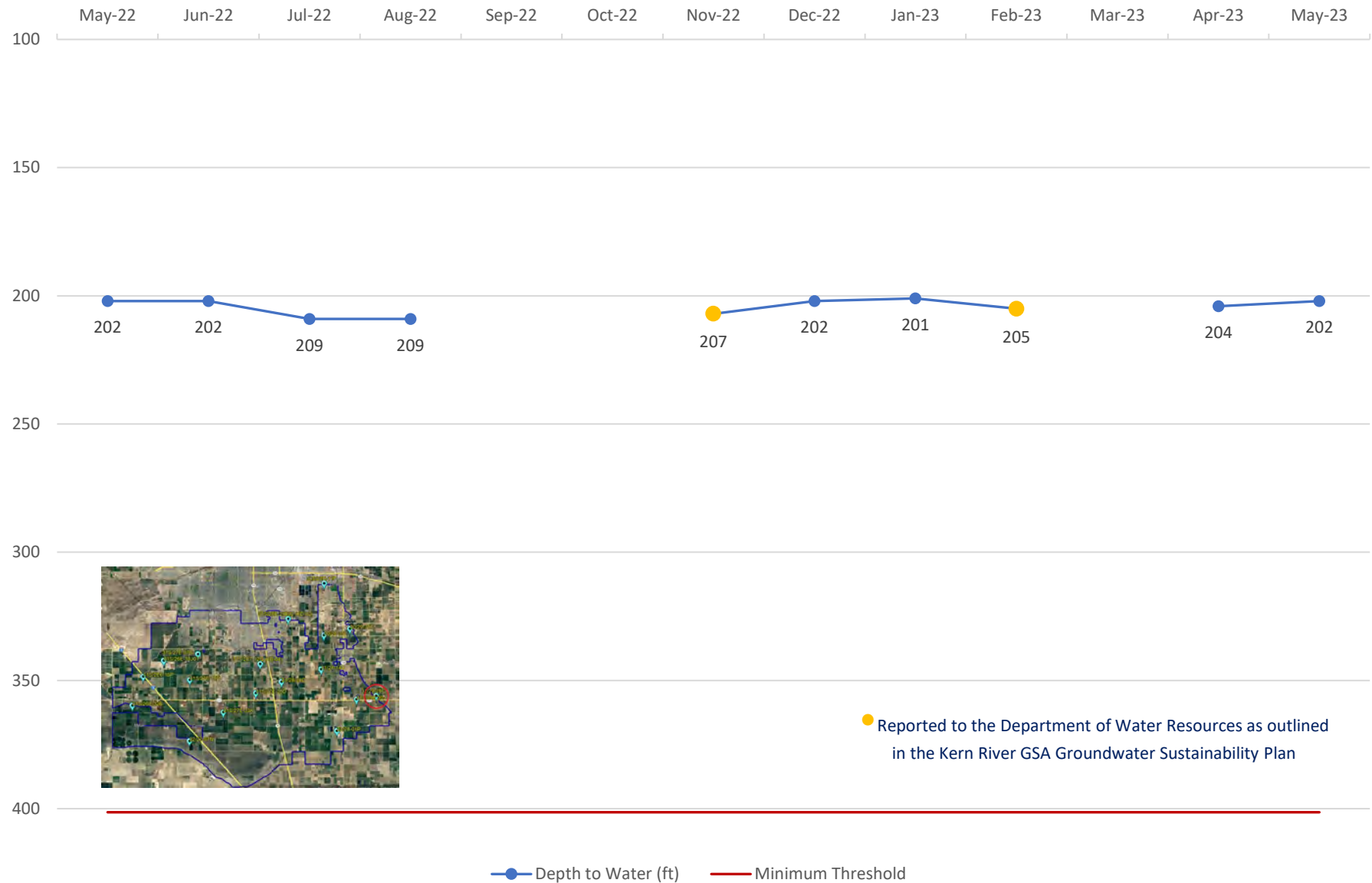
not to exceed 293.4' (depth to water)





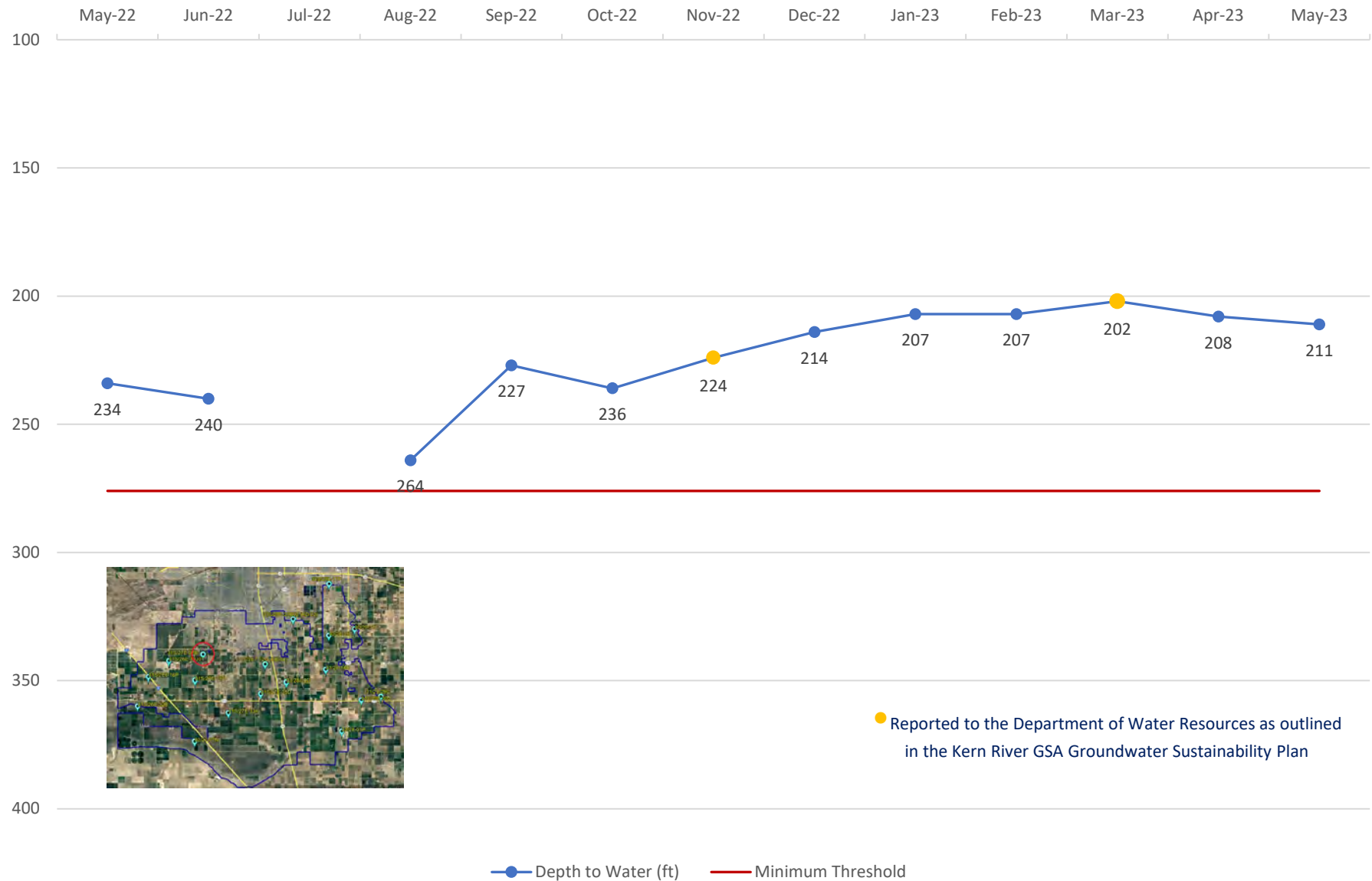
# RMW-193 31S/29E-28C

not to exceed 401.4' (depth to water)



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

not to exceed 276' (depth to water)



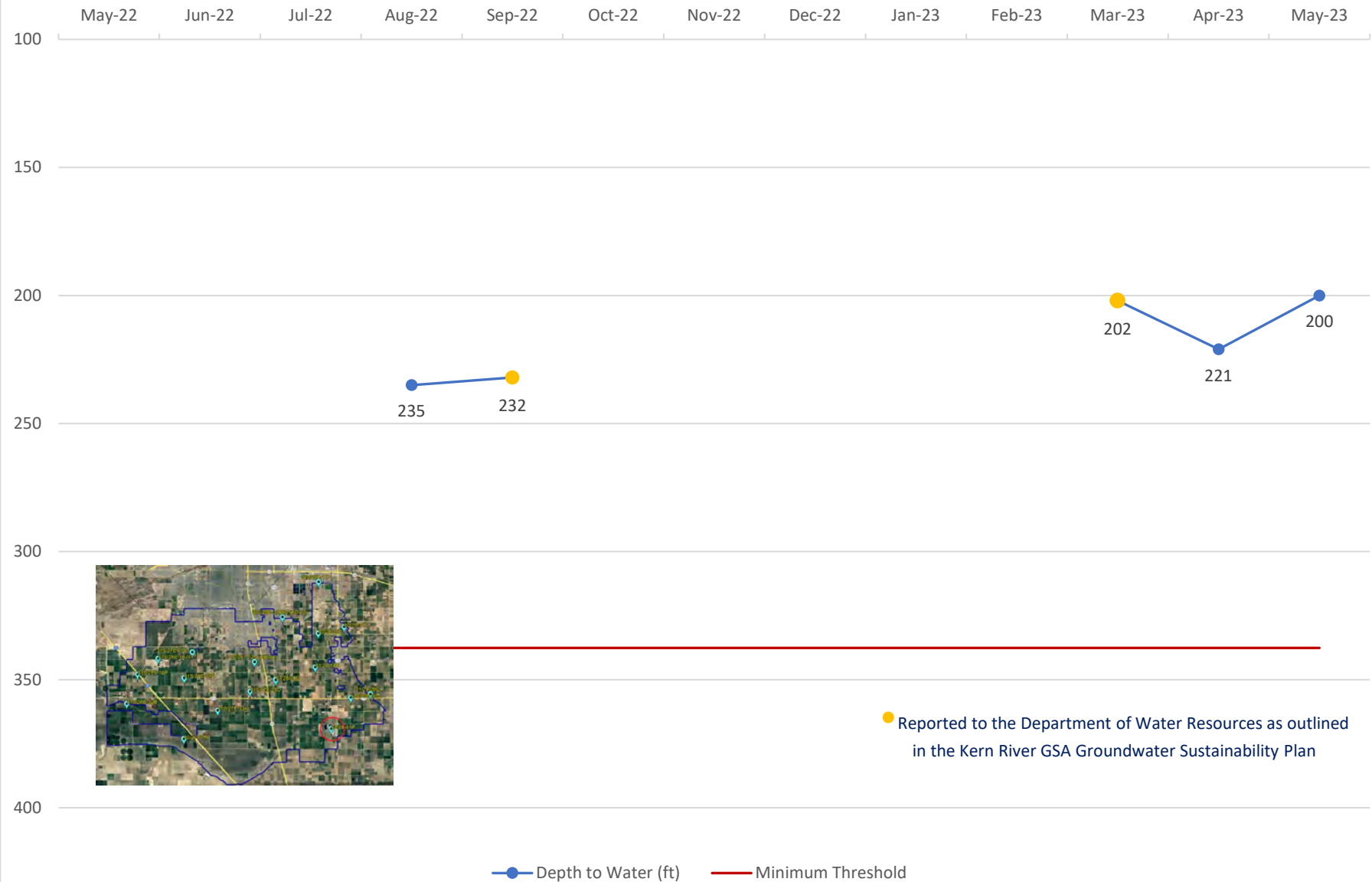
# RMW-196 31S/27E-12Q

not to exceed 283' (depth to water)



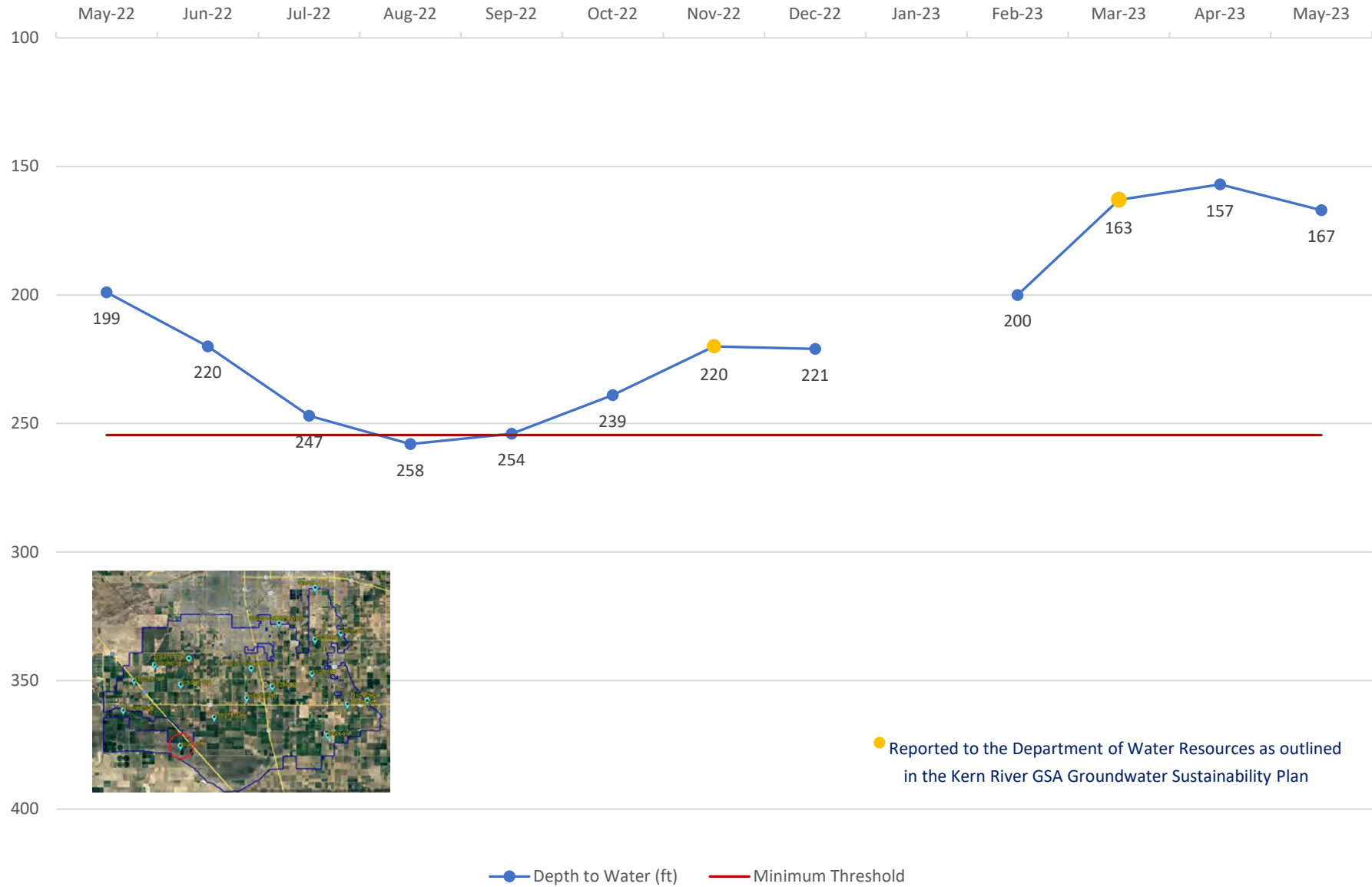
# RMW-197 32S/28E-01P

not to exceed 337.6' (depth to water)



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

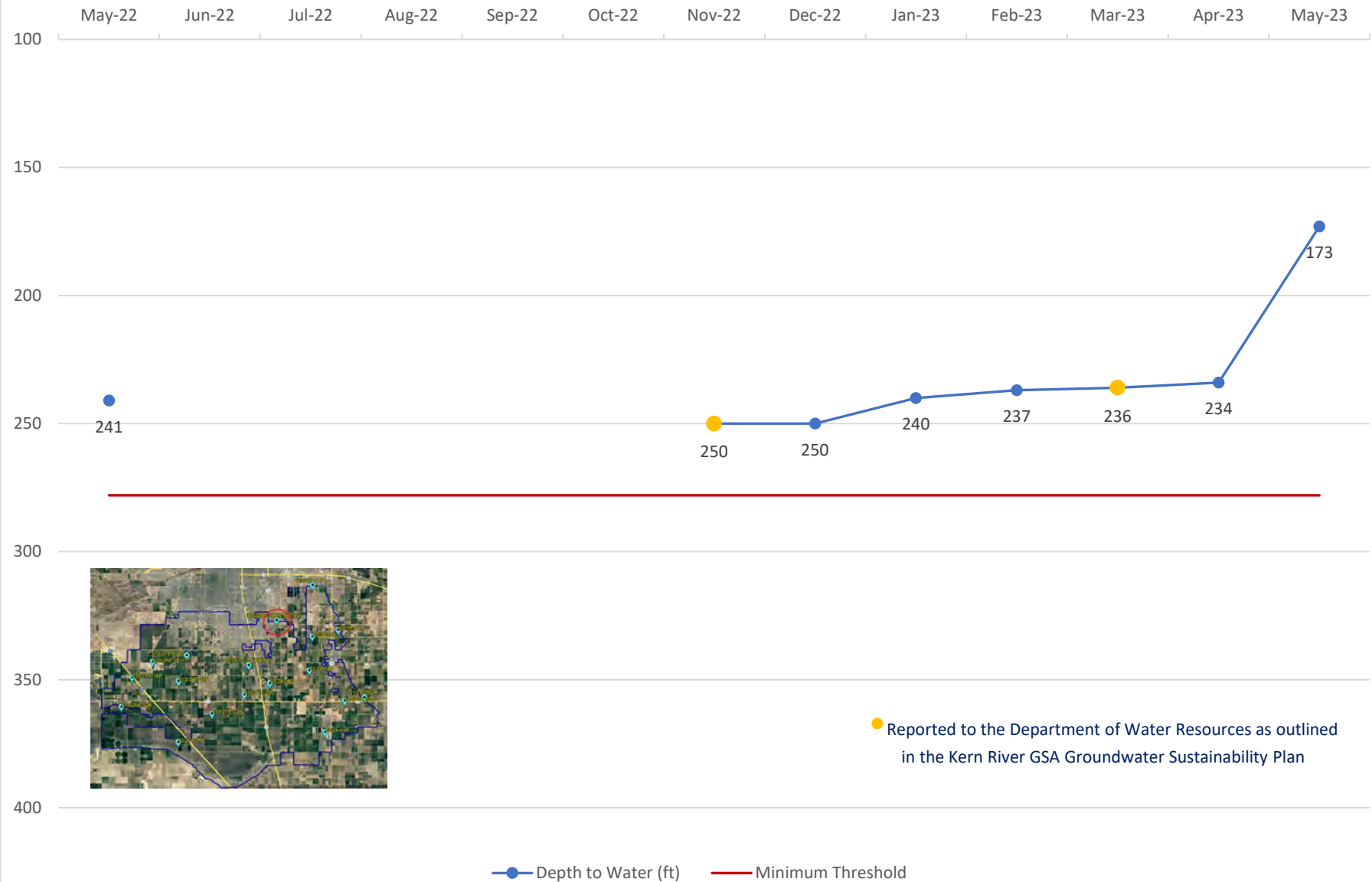
not to exceed 254.5' (depth to water)





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

not to exceed 278' (depth to water)



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

not to exceed 324' (depth to water)



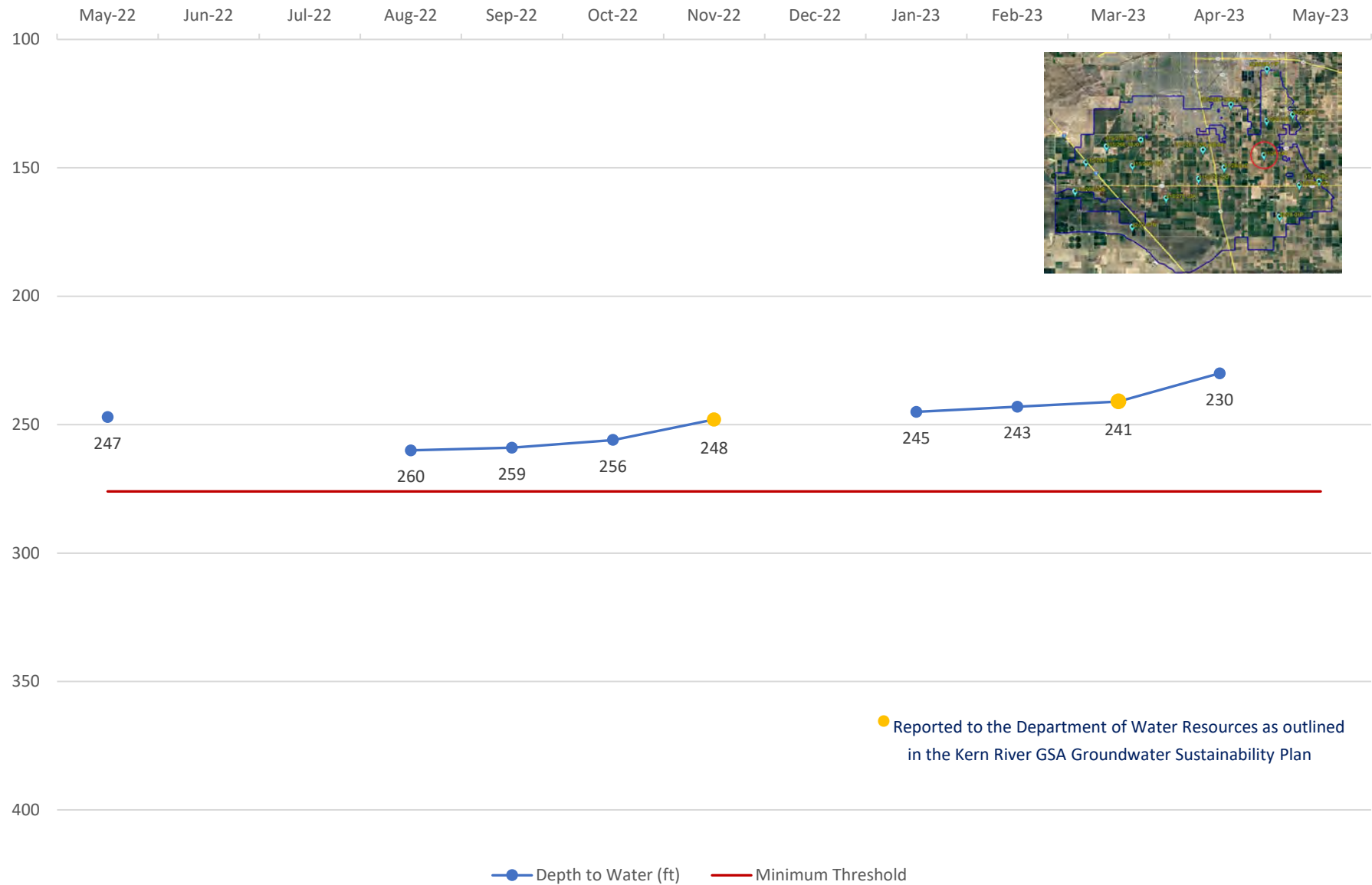
# RMW-218 31S/27E-33K

not to exceed 202' (depth to water)



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

not to exceed 276' (depth to water)



# Tab VI





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: May 16, 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 April 27, 2023.
- Next meeting will be May 25, 2023.
- Notice for FY 2023-24 Budget Public Hearing (May 25, 2023).
- Update on CVC and Pioneer Operations.
- 2023 allocation for SWP – 100%.
- Summary of groundwater and overdraft correction accounts (attached).

Kern Fan Authority:

- The KFA met April 26, 2023.
- 2023 Water Supply.
- Review of KCWA Board agenda.
- Pioneer Project.
- Local SGMA activities.
- Other activities (IRWMP/CVSALTS).

Kern River Groundwater Sustainability Agency (KRGSA):

- The KRGSA met May 4, 2023 (agenda attached).
- Basin Coordination Committee Update.
- Review of April 4, 2023 SWRCB SGMA Update Presentation.
- New Subbasin Plan Manager Introduction.
- Approval of Cost Share Agreement for Subbasin Plan Manager (QK Agreement).



Kern Groundwater Authority (KGA):

- The KGA met April 26, 2023 (agenda attached).
- Review of April 4, 2023 SWRCB SGMA Update Presentation.
- New Subbasin Plan Manager Introduction.
- Approval of Cost Share Agreement for Subbasin Plan Manager (QK Agreement).
- Consultant for plan review.

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

- The KRWCA meeting of May 4, 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).
- Next meeting June 1, 2023.

South Valley Water Resources Authority:

- The SVWRA met April 27, 2023.
- Fish Friendly Diversion Pilot Project update/discussion regarding project funding.
- Blueprint activity update.

Integrated Regional Water Management Plan (IRWMP):

- No recent meetings.

Water Association of Kern County (WAKC):

- The WAKC met April 25, 2023.
- 2023 Water Summit Review.
- Water Conservation / Awareness Program Update.
- Workshops/Quarterly Lunch Speaker Update.

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

**Preliminary - Subject to Revision**

Quantities in acre-feet

| District                 | Estimated Balance as of<br>December 31, 2022 | Estimated Balance as of March 31, 2023 |               |                             |               |                                |                |
|--------------------------|--|--|---------------|-----------------------------|---------------|--------------------------------|----------------|
|                          |  | Pioneer Property                       | 2800 Acres    | Pioneer Project<br>Subtotal | Berrenda Mesa | Kern Water Bank <sup>[1]</sup> | Total          |
| Buena Vista WSD          | 50,601                                       | 41,025                                 | 0             | 41,025                      | 0             | 11,355                         | 52,380         |
| Henry Miller WD          | 69,565                                       | 44,307                                 | 375           | 44,682                      | 2,584         | 24,080                         | 71,346         |
| Kern County Water Agency | 55,030                                       | 35,356                                 | 7,121         | 42,477                      | 0             | 12,553                         | 55,030         |
| Kern Delta WD            | 84,433                                       | 58,811                                 | 409           | 59,220                      | 2,026         | 24,969                         | 86,215         |
| Rosedale-Rio Bravo WSD   | 219,183                                      | 164,267                                | 4,190         | 168,457                     | 3,220         | 49,287                         | 220,964        |
| <b>Total</b>             | <b>478,812</b>                               | <b>343,766</b>                         | <b>12,095</b> | <b>355,861</b>              | <b>7,830</b>  | <b>122,244</b>                 | <b>485,935</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 March 31, 2023**

**Preliminary - Subject to Revision**

Quantities in acre-feet

| District                   | Estimated Balance as of<br>December 31, 2022 | Estimated Balance as of March 31, 2023 |                |                             |               |                 |                  |
|----------------------------|--|--|----------------|-----------------------------|---------------|-----------------|------------------|
|                            |  | Pioneer Property                       | 2800 Acres     | Pioneer Project<br>Subtotal | Berrenda Mesa | Kern Water Bank | Total            |
| Belridge WSD               | 66,789                                       | 65,363                                 | 3,837          | 69,200                      | 3,271         | 0               | 72,471           |
| Berrenda Mesa WD           | 62,151                                       | 58,236                                 | 1,735          | 59,971                      | 13,593        | 0               | 73,564           |
| Buena Vista WSD            | 28,987                                       | 32,925                                 | 1,939          | 34,864                      | 0             | 200             | 35,064           |
| Cawelo WD                  | 0  | 0                                      | 0              | 0                           | 0             | 0               | 0                |
| Dudley Ridge WD            | 29,334                                       | 0                                      | 0              | 0                           | 0             | 35,989          | 35,989           |
| Henry Miller WD            | 5,365  | 7,652                                  | 0              | 7,652                       | 0             | 0               | 7,652            |
| Improvement District No. 4 | 180,006                                      | 39,024                                 | 4,725          | 43,749                      | 0             | 143,050         | 186,799          |
| Kern County Water Agency   | 185,256                                      | 103,700                                | 60,099         | 163,799                     | 3,499         | 17,958          | 185,256          |
| Kern Delta WD              | 23,285                                       | 27,603                                 | 0              | 27,603                      | 0             | 0               | 27,603           |
| Lost Hills WD              | 72,891                                       | 52,568                                 | 23,407         | 75,975                      | 3,246         | 0               | 79,221           |
| Rosedale-Rio Bravo WSD     | 22,391                                       | 28,623                                 | 0              | 28,623                      | 0             | 0               | 28,623           |
| Semitropic WSD             | 209,458                                      | 24,034                                 | 42             | 24,076                      | 0             | 193,354         | 217,430          |
| Tehachapi-Cummings CWD     | 5,820  | 0                                      | 0              | 0                           | 0             | 5,820           | 5,820            |
| Tejon-Castac WD            | 52,344                                       | 2,213                                  | 1,247          | 3,460                       | 0             | 50,032          | 53,492           |
| Westside Mutual Water Co.  | 228,577                                      | 0                                      | 0              | 0                           | 0             | 255,822         | 255,822          |
| Wheeler Ridge-Maricopa WSD | 92,948                                       | 8,647                                  | 14,794         | 23,441                      | 5,541         | 107,528         | 136,510          |
| <b>Total</b>               | <b>1,265,602</b>                             | <b>450,588</b>                         | <b>111,825</b> | <b>562,413</b>              | <b>29,150</b> | <b>809,753</b>  | <b>1,401,316</b> |



Board Members:  
Rodney Palla, Chair  
Gene Lundquist  
Bob Smith

## **KERN RIVER GSA REGULAR MEETING**

Thursday, May 4, 2023  
10:00 a.m.

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

### **AGENDA**

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **APPROVAL OF MINUTES** of the April 6, 2023, Regular Meeting
5. **NEW BUSINESS**
  - A. Election of Officers
  - B. Correspondence Received (City Clerk, Maldonado)
  - C. Finance Updates (McKeegan)
    - i. Receive and File Financial Report
    - ii. Invoices Received – Horizon Water and Environment, LLC & Todd Groundwater
  - D. Management Group Updates (Beard, Maldonado, Teglia)
    - i. Basin Coordination Committee Updates
      - a. Update on Kern Subbasin Plan Manager
      - b. Approval of Cost Share for QK Agreement
  - E. Review and Approval of Response Letter for Trucking Facility by MJ Brar Brother, LLC
6. **COMMITTEE COMMENTS**
7. **ADJOURNMENT**

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# KERN GROUNDWATER AUTHORITY

## Regular Meeting of Board of Directors

April 26, 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/99902659867?pwd=N2w0dHJwQ1hlZDVBclcybTFhcXVxZz09>

**Meeting ID: 990-0265-8767**

**Passcode: 548532**

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

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

This meeting is held in accordance with the Governor's Executive Order N-29-20 and portions of 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 of the Board the meeting will be adjourned.

**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. Introduction – Kristin Pittack – Point of Contact for the Kern Subbasin**

**5. Approval of Minutes**

- a. March Regular Board Meeting Minutes\*
- b. March Special Board Meeting Minutes\*
- c. April Special Board Meeting Minutes\*

**6. Treasurer's Report**

- a. Financial Report & Accounts Payable – March\*

**7. Attorneys Report**

- a. State Water Board April 4<sup>th</sup> Meeting – Presentation by State staff on SGMA



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**8. Executive Director Report**

- a. Discussion & approval of cost share for the Kern subbasin POC\*
- b. Discussion of the Annual Report submitted on March 31st
- c. KGA Exceedances- Presentation from Members\*
- d. Discussion & approval on the Notice to Amend the GSA letters to be sent\*
- e. Discussion & approval of GEI Task Order #23-01 \*
- f. Discussion & approval of a consultant for plan review\*
- g. Accomplishments & Forward Work Plan

**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.

**11. Closed Session**

- a. Conference with Legal Counsel – Potential Litigation: Closed Session pursuant to Government Code Section 54956.9(d)(2), (e)(2)(two matter)

**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 distribution 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: May 16, 2023

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

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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 May 9, 2023, Kern Fan groundwater recharge was approximately 1,675cfs, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for Kern Fan banking information through March 31, 2023.

Pioneer Participant Meeting:

- The Pioneer Project Participants May meeting was canceled.
- Update on current operations.
- Discussion regarding Draft KWBA Joint Use Agreement terms.
- Kern Delta is currently running acquired Lower River water to the Pioneer Project utilizing Kern Delta's recharge capacity in the Pioneer Project.

Kern Fan Monitoring Committee:

- The Kern Fan Monitoring Committee meeting of May 17, 2023 was canceled.
- Update on reports.
- Review of water level monitoring hydrographs.
- Next meeting July 19, 2023

KDWD Water Banking Project:

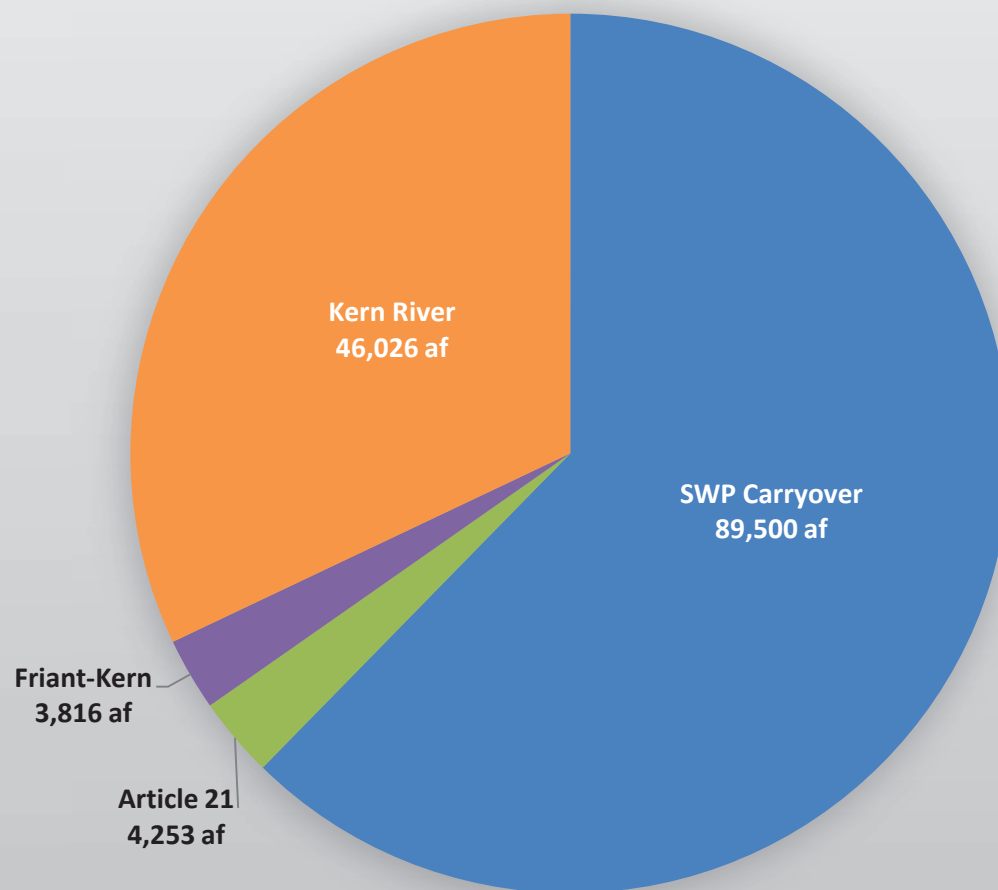
- The District has stopped returning regulated water to MWD as of March 12th.
- MWD has recently requested the District receive banking program water from MWD. However, given current conditions on the Kern River that is not possible at this time.

Cross Valley Canal Advisory Committee:

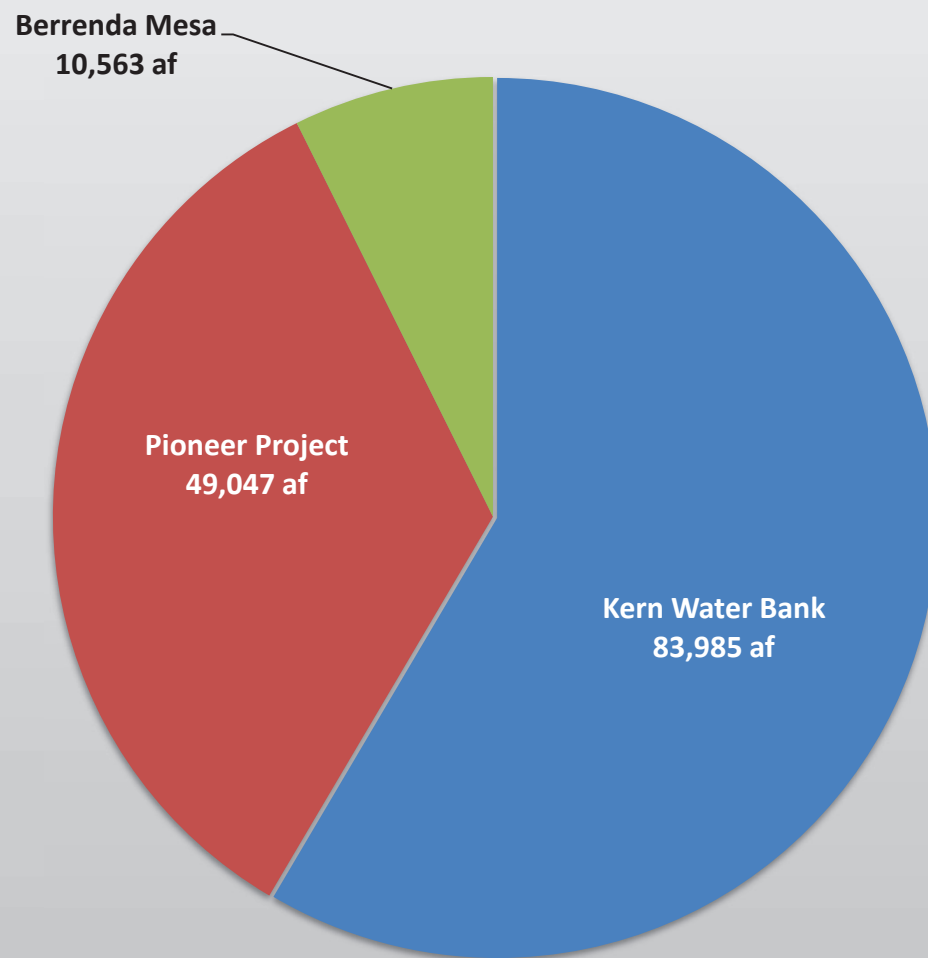
- The CVC Advisory Committee met April 24, 2023.

- 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 March 31, 2023  
Total Deliveries 143,600 af**



**2023 Estimated Kern Fan Banking Project Deliveries  
(by Project)  
Deliveries through March 31, 2023  
Total Deliveries 143,600 af**



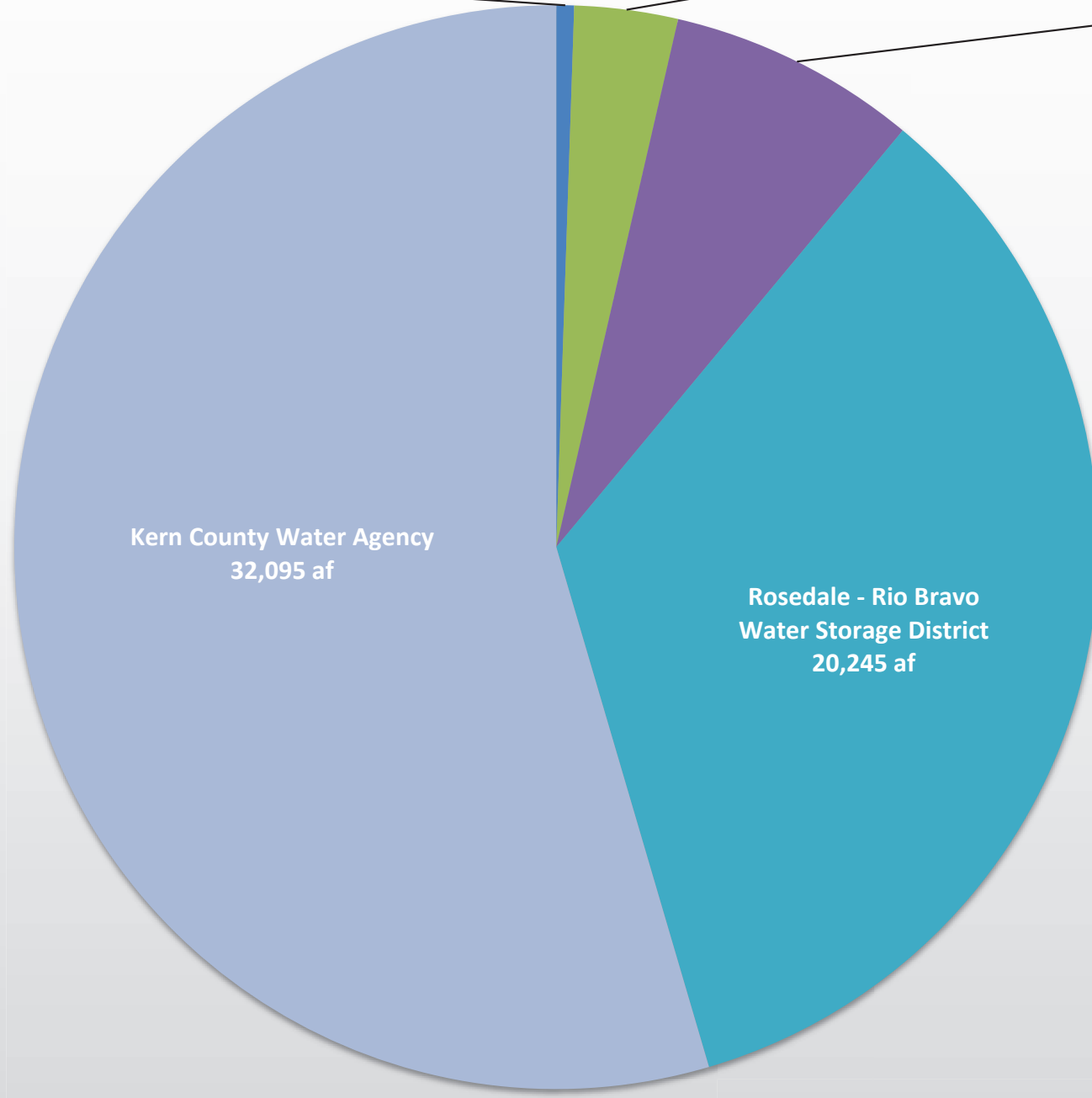
**Cross Valley Canal  
March 2023 Deliveries  
Total deliveries 58,837 af**

Attachment 2

**Cawelo Water  
District  
1,815 af**

**Improvement District No. 4  
4,371 af**

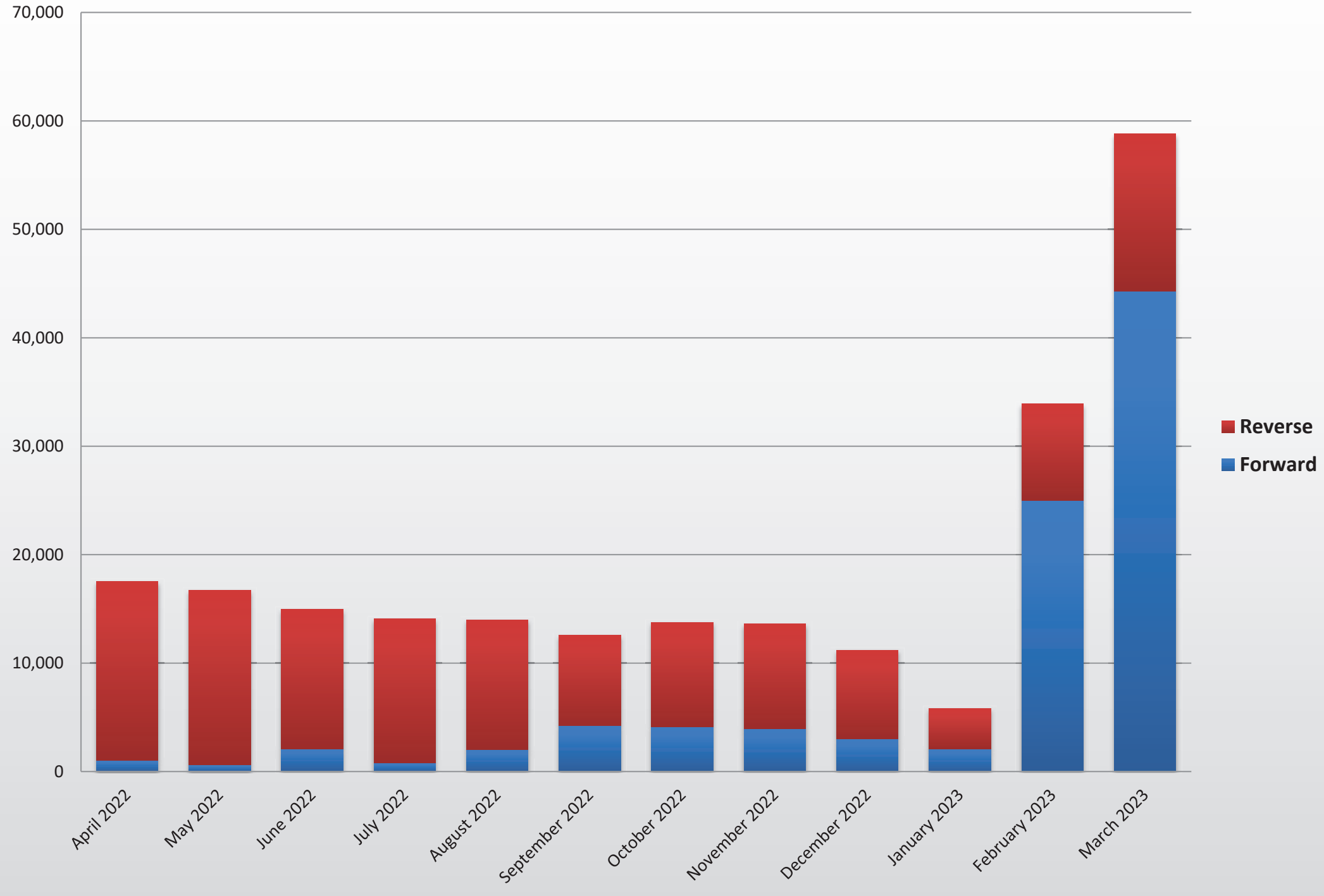
**Kern -Tulare Water  
District  
311 af**



# Cross Valley Canal

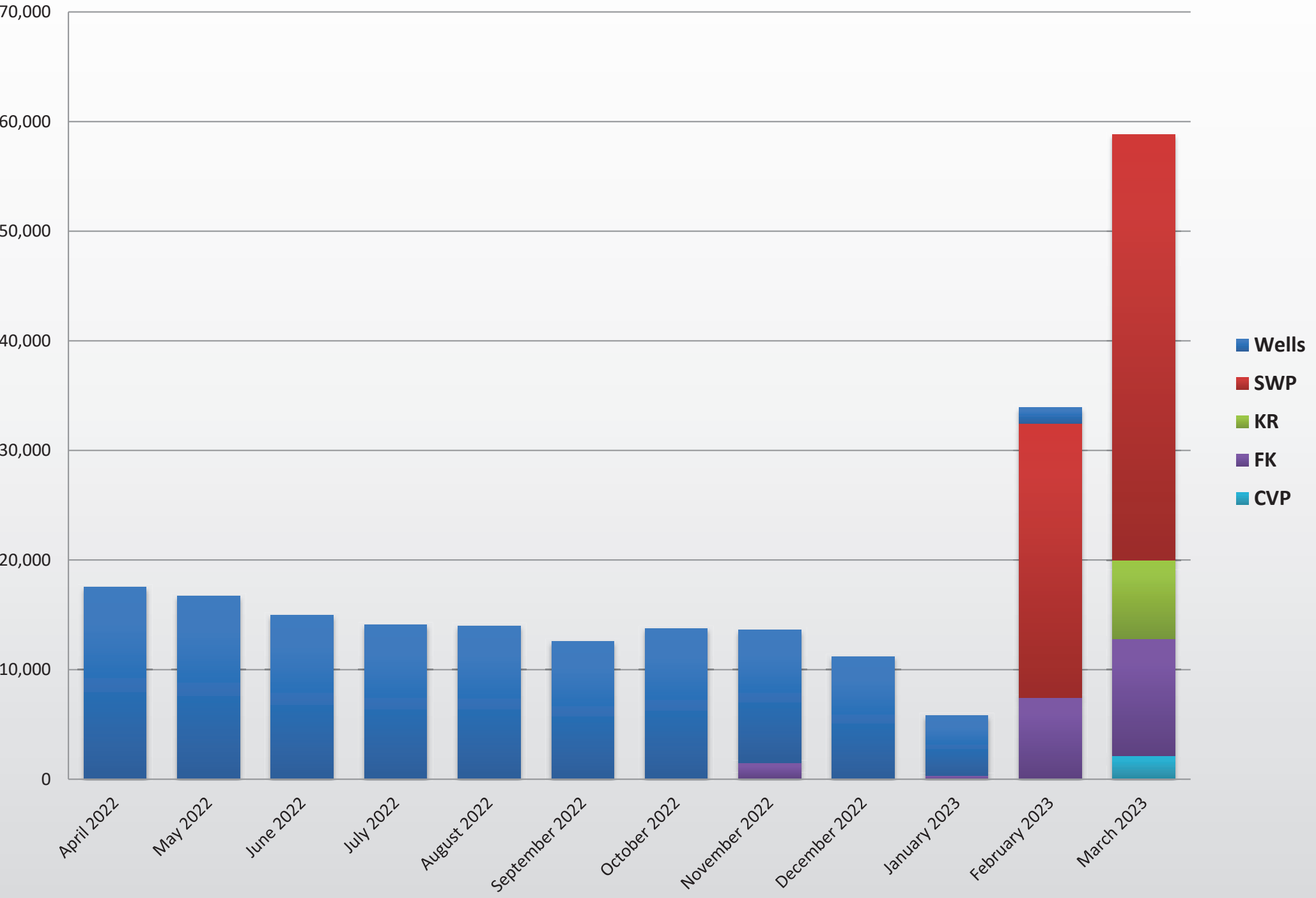
## Twelve Month Delivery by Direction

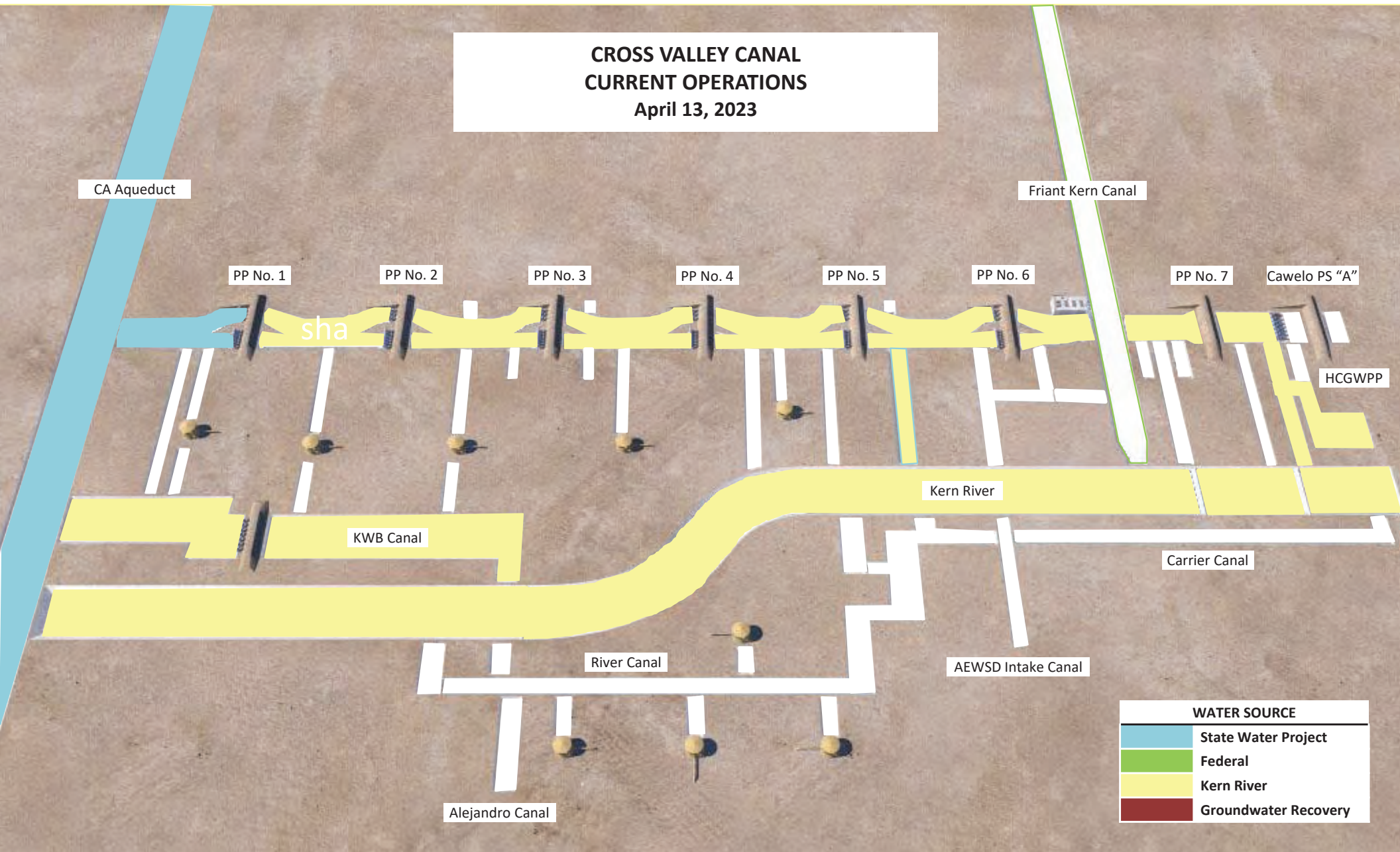
Attachment 3





**Cross Valley Canal**  
**Twelve Month Delivery by Source**





**Cross Valley Canal**  
**Pump and Flow Configuration**  
 Last Updated on April 13, 2023

| 'A' Pumping Plants  |                           |         |     |     |     |         |         |         |         |         |           | 'B' Pumping Plants |         |         |     |              | Total<br>cfs |
|---------------------|---------------------------|---------|-----|-----|-----|---------|---------|---------|---------|---------|-----------|--------------------|---------|---------|-----|--------------|--------------|
|                     |                           | A       | B   | C   | D   | E       | F       | G       | H       | J       | Total cfs | K                  | L       | M       | N   | Total<br>cfs |              |
| Pumping Plant No. 1 | Estimated Horsepower      | 100     | 250 | 565 | 565 | 565     | 565     | 250     | 100     |         |           | 800                | 800     | 800     |     |              |              |
|                     | Estimated Flow Rate (cfs) | 31      | 70  | 180 | 180 | 180     | 180     | 70      | 31      |         | 922       | 167                | 167     | 167     |     | 500          | 1422         |
| 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) | 31      | 70  | 180 | 180 | 180     | 70      | Service | 70      | 31      | 812       | 167                | 167     | 167     |     | 500          | 1,312        |
| Pumping Plant No. 4 | 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      | Service | 812       | 167                | 167     | 167     |     | 500          | 1,312        |
| 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      | 70  | 180 | 180 | 180     | 70      | 70      | Service |         | 781       | 40                 | 193     | 193     | 90  | 516          | 1,297        |
| Pumping Plant No. 7 | Estimated Horsepower      | 100     | 250 | 250 | 250 | 250     | 100     |         |         |         |           |                    |         |         |     |              |              |
|                     | Estimated Flow Rate (cfs) | 31      | 70  | 70  | 70  | 70      | Service |         |         |         | 311       |                    |         |         |     |              | 311          |

# Tab VII



# Valley Ag Water Coalition

## 2023-24 Regular Session, First Year

### [AB 30](#)

#### **(Ward D) Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.**

**Current Text:** Introduced: 12/5/2022 [html](#) [pdf](#)

**Introduced:** 12/5/2022

**Status:** 4/26/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/26/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100

ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Current law requires the department, upon an appropriation for purposes of the program, to research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would rename that program the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program. The bill would require the department to research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions.

#### **Position**

Favor

### [AB 62](#)

#### **(Mathis R) Statewide water storage: expansion.**

**Current Text:** Amended: 4/20/2023 [html](#) [pdf](#)

**Introduced:** 12/6/2022

**Last Amend:** 4/20/2023

**Status:** 5/10/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/10/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100

ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control boards. Current law requires the work of the state board to be divided into at least 2 divisions, known as the Division of Water Rights and the Division of Water Quality. This bill would establish a statewide goal to increase above- and below-ground water storage capacity by a total of 3,700,000 acre-feet by the year 2030 and a total of 4,000,000 acre-feet by the year 2040. The bill would require the Department of Water Resources, in consultation with the state board, to take reasonable actions to promote or assist efforts to achieve the statewide goal, as provided. The bill would require the department, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the state board, to prepare and submit a report to the Legislature on the progress made to achieve the statewide goal.

#### **Position**

Favor

### [AB 66](#)

#### **(Mathis R) Natural Resources Agency: water storage projects: permit approval.**

**Current Text:** Amended: 3/29/2023 [html](#) [pdf](#)

**Introduced:** 12/6/2022

**Last Amend:** 3/29/2023

**Status:** 4/19/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/19/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100

ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to take all reasonable steps to approve the necessary permits for specified projects that meet

certain employment conditions within 180 days from receiving a complete permit application.

**Position**

Favor

**AB 340 (Fong, Vince R) California Environmental Quality Act: grounds for noncompliance.**

**Current Text:** Introduced: 1/30/2023 [html](#) [pdf](#)

**Introduced:** 1/30/2023

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/9/2023)(May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/28/2023-A. 2 YEAR

**Summary:** The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are presented to the public agency orally or in writing by a person during the public comment period provided by CEQA or before the close of the public hearing on the project before the issuance of the notice of determination. This bill would require the alleged grounds for noncompliance with CEQA presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. The bill would prohibit the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.

**Position**

Favor

**AB 396 (Fong, Vince R) Dams.**

**Current Text:** Introduced: 2/2/2023 [html](#) [pdf](#)

**Introduced:** 2/2/2023

**Status:** 5/5/2023-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/2/2023) (May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** N

**Location:** 5/5/2023-A. 2 YEAR

**Summary:** Current law regulates the construction and operation of dams and exempts certain structures for these purposes. Current law requires the owner of such exempt structures to employ a registered civil engineer to supervise the structure, as prescribed. This bill would make nonsubstantive changes to the above provision.

**Position**

Watch

**AB 422 (Alanis R) Natural Resources Agency: statewide water storage: tracking.**

**Current Text:** Introduced: 2/2/2023 [html](#) [pdf](#)

**Introduced:** 2/2/2023

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/9/2023)(May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/28/2023-A. 2 YEAR

**Summary:** Would require the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.

**Position**

Favor

**AB 429 (Bennett D) Groundwater wells: permits.**

**Current Text:** Amended: 3/2/2023 [html](#) [pdf](#)

**Introduced:** 2/6/2023

**Last Amend:** 3/2/2023

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/2/2023)(May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/28/2023-A. 2 YEAR

**Summary:** Current law requires the State Water Resources Control Board to adopt a model water



well, cathodic protection well, and monitoring well drilling and abandonment ordinance implementing certain standards for water well construction, maintenance, and abandonment and requires each county, city, or water agency, where appropriate, not later than January 15, 1990, to adopt a water well, cathodic protection well, and monitoring well drilling and abandonment ordinance that meets or exceeds certain standards. Under current law, if a county, city, or water agency, where appropriate, fails to adopt an ordinance establishing water well, cathodic protection well, and monitoring well drilling and abandonment standards, the model ordinance adopted by the state board is required to take effect on February 15, 1990, and is required to be enforced by the county or city and have the same force and effect as if adopted as a county or city ordinance. The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. This bill would, if 1% of domestic wells go dry in a critically overdrafted basin, as specified, prohibit a county, city, or any other water well permitting agency from approving a permit for a new groundwater well or for an alteration to an existing well in a basin subject to the act and classified as a critically overdrafted basin unless specified conditions are met.

**Position**

Oppose

**AB 460 (Bauer-Kahan D) State Water Resources Control Board: water rights and usage: interim relief: procedures.**

**Current Text:** Amended: 4/26/2023 [html](#) [pdf](#)

**Introduced:** 2/6/2023

**Last Amend:** 4/26/2023

**Status:** 4/27/2023-Re-referred to Com. on APPR.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/25/2023-A. APPR.

**Calendar:** 5/17/2023 9 a.m. - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS, HOLDEN, CHRIS, Chair

**Summary:** Current law authorizes the State Water Resources Control Board to investigate all streams, stream systems, lakes, or other bodies of water, take testimony relating to the rights to water or the use of water, and ascertain whether water filed upon or attempted to be appropriated is appropriated under the laws of the state. Current law requires the board to take appropriate actions to prevent waste or the unreasonable use of water. This bill would authorize the board, in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and safety, to conduct an inspection without consent or a warrant.

**Position**

Oppose

**AB 560 (Bennett D) Sustainable Groundwater Management Act: groundwater adjudication.**

**Current Text:** Amended: 4/12/2023 [html](#) [pdf](#)

**Introduced:** 2/8/2023

**Last Amend:** 4/12/2023

**Status:** 5/3/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/3/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law prohibits a court from approving entry of judgment in certain adjudication actions for a basin required to have a groundwater sustainability plan under the Sustainable Groundwater Management Act, unless the court finds that the judgment would not substantially impair the ability of a groundwater sustainability agency, the State Water Resources Control Board, or the Department of Water Resources to comply with the act and to achieve sustainable groundwater management. This bill would require the court to refer the proposed judgment to the board for a nonbinding advisory determination as to whether the proposed judgment will substantially impair the ability of a groundwater sustainability agency, the board, or the department to achieve sustainable groundwater management, as provided. The bill would require the board to consult with the department before making its determination.

**Position**

Oppose

**AB 676**

**(Bennett D) Water: general state policy.**

**Current Text:** Amended: 5/4/2023 [html](#) [pdf](#)

**Introduced:** 2/13/2023

**Last Amend:** 5/4/2023

**Status:** 5/8/2023-Read second time. Ordered to third reading.

**Is Urgency:** N

**Is Fiscal:** N

**Location:** 5/8/2023-A. THIRD READING

**Calendar:** 5/15/2023 #63 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

**Summary:** Current law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation. This bill would provide specific examples of the use of water for domestic purposes, including, but not limited to, sustenance of human beings and household conveniences.

**Position**

Oppose

**AB 828**

**(Connolly D) Sustainable groundwater management: managed wetlands.**

**Current Text:** Amended: 4/17/2023 [html](#) [pdf](#)

**Introduced:** 2/13/2023

**Last Amend:** 4/17/2023

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/2/2023)(May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/28/2023-A. 2 YEAR

**Summary:** The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. Current law defines various terms for purposes of the act. This bill would add various defined terms for purposes of the act, including the term "managed wetland."

**Position**

Oppose

**AB 830**

**(Soria D) Lake and streambed alteration agreements: exemptions.**

**Current Text:** Amended: 4/20/2023 [html](#) [pdf](#)

**Introduced:** 2/13/2023

**Last Amend:** 4/20/2023

**Status:** 5/10/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/10/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100  
ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law prohibits a person, a state or local governmental agency, or a public utility from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or depositing or disposing of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, unless prescribed requirements are met, including written notification to the Department of Fish and Wildlife regarding the activity. Current law requires the department to determine whether the activity may substantially adversely affect an existing fish and wildlife resource and, if so, to provide a draft lake or streambed alteration agreement to the person, agency, or utility. Current law prescribes various requirements for lake and streambed alteration agreements. Current law also establishes various exemptions from these provisions, including exemptions for specified emergency work. This bill would additionally exempt from these provisions the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage and monitor stage flows, as identified by the California Nevada River Forecast Center or the State Water Resources Control Board, to beneficial groundwater recharge as long as certain conditions are met.

**Position**

Support

**AB 900****(Bennett D) Aquifer recharge.****Current Text:** Amended: 4/12/2023 [html](#) [pdf](#)**Introduced:** 2/14/2023**Last Amend:** 4/12/2023**Status:** 5/10/2023-In committee: Set, first hearing. Referred to suspense file.**Is Urgency:** N**Is Fiscal:** Y**Location:** 5/10/2023-A. APPR. SUSPENSE FILE**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100  
ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair**Summary:** Current law requires the Natural Resources Agency to update every 3 years the state's climate adaptation strategy, known as the Safeguarding California Plan, and to coordinate with other state agencies to identify vulnerabilities to climate change by sectors and priority actions needed to reduce the risks in those sectors. Current law requires, to address the vulnerabilities identified in the plan, state agencies to maximize specified objectives, including promoting the use of the plan to inform planning decisions and ensure that state investments consider climate change impacts, as well as promote the use of natural systems and natural infrastructure, when developing physical infrastructure to address adaptation. This bill would add aquifers as part of the meaning of natural infrastructure.**Position**

Watch

**AB 923****(Bauer-Kahan D) Flood plain restoration projects: Central Valley: study.****Current Text:** Introduced: 2/14/2023 [html](#) [pdf](#)**Introduced:** 2/14/2023**Status:** 5/10/2023-In committee: Set, first hearing. Referred to suspense file.**Is Urgency:** N**Is Fiscal:** Y**Location:** 5/10/2023-A. APPR. SUSPENSE FILE**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100  
ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair**Summary:** The Central Valley Flood Protection Act of 2008 requires the Department of Water Resources to prepare, and the Central Valley Flood Protection Board, a state agency, to adopt, a plan identified as the Central Valley Flood Protection Plan. This bill would require the department, in coordination with the board, to undertake a study to identify and assess barriers to the implementation of flood plain restoration projects that provide increased flood risk reduction and groundwater recharge benefits. The bill would also require the department and the board to conduct broad stakeholder outreach to inform the study. The bill would require the study to make recommendations to the Legislature on ways to expedite and scale the implementation of flood plain restoration projects that provide flood risk reduction and groundwater recharge benefits. The bill would require the study to be completed by July 1, 2024. This requirement would be inoperative on July 1, 2028.**Position**

Watch

**AB 1205****(Bauer-Kahan D) Water rights: sale, transfer, or lease: agricultural lands.****Current Text:** Amended: 5/8/2023 [html](#) [pdf](#)**Introduced:** 2/16/2023**Last Amend:** 5/8/2023**Status:** 5/9/2023-Read second time. Ordered to third reading.**Is Urgency:** N**Is Fiscal:** N**Location:** 5/9/2023-A. THIRD READING**Calendar:** 5/15/2023 #70 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS**Summary:** Would find and declare that speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater water right previously put to beneficial use on agricultural lands within the state is a waste or an unreasonable use of water.**Position**

Oppose

**AB 1337****(Wicks D) State Water Resources Control Board: water diversion curtailment.****Current Text:** Amended: 4/20/2023 [html](#) [pdf](#)**Introduced:** 2/16/2023**Last Amend:** 4/20/2023**Status:** 4/24/2023-Re-referred to Com. on JUD. Re-referred to Com. on APPR. pursuant to Assembly Rule 96.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/24/2023-A. APPR.

**Calendar:** 5/17/2023 9 a.m. - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS, HOLDEN, CHRIS, Chair

**Summary:** Under current law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would expand the instances when the diversion or use of water is considered a trespass.

**Position**

Oppose

**AB 1563 (Bennett D) Groundwater sustainability agency: groundwater extraction permit: verification.**

**Current Text:** Introduced: 2/17/2023 [html](#) [pdf](#)

**Introduced:** 2/17/2023

**Status:** 4/19/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/19/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Existing law authorizes a groundwater sustainability agency to request of the county, and requires a county to consider, that the county forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the agency before permit approval. This bill would instead require a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the groundwater sustainability agency before permit approval. This bill contains other related provisions and other existing laws.

**Position**

Oppose

**AB 1567 (Garcia D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2024.**

**Current Text:** Amended: 4/26/2023 [html](#) [pdf](#)

**Introduced:** 2/17/2023

**Last Amend:** 4/26/2023

**Status:** 5/10/2023-In committee: Set, first hearing. Referred to suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/10/2023-A. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,105,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs.

**Position**

Support/Amend

**ACA 2 (Alanis R) Public resources: Water and Wildfire Resiliency Act of 2023.**

**Current Text:** Introduced: 12/5/2022 [html](#) [pdf](#)

**Introduced:** 12/5/2022

**Status:** 4/20/2023-Referred to Coms. on W., P., & W. and NAT. RES.

**Is Urgency:**

**Is Fiscal:** Y

**Location:** 4/20/2023-A. W., P. & W.

**Summary:** Would establish the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. The measure would require the moneys in the fund to be appropriated by the Legislature and would require that 50% of the moneys in the fund be used for water projects, as specified, and that the other 50% of the moneys in the fund be used for forest maintenance and health projects, as specified.

**Position**

Favor

**SB 23 (Caballero D) Water supply and flood risk reduction projects: expedited permitting.**

**Current Text:** Amended: 5/1/2023 [html](#) [pdf](#)

**Introduced:** 12/5/2022

**Last Amend:** 5/1/2023

**Status:** 5/5/2023-Set for hearing May 15.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/26/2023-S. APPR.

**Calendar:** 5/15/2023 10 a.m. - 1021 O Street, Room 2200 SENATE APPROPRIATIONS, PORTANTINO, ANTHONY, Chair

**Summary:** Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, except under specified conditions, including requiring the entity to send written notification to the Department of Fish and Wildlife regarding the activity in the manner prescribed by the department. This bill would require a project proponent, if already required to submit a notification to the department, to submit to the department the certified or adopted environmental review document, as applicable, for the activity in the notification. The bill would require the department, under prescribed circumstances, to take certain actions within specified timelines, or within a mutually agreed-to extension of time.

**Position**

Favor

**SB 69 (Cortese D) California Environmental Quality Act: judicial and administrative proceedings: limitations.**

**Current Text:** Amended: 3/16/2023 [html](#) [pdf](#)

**Introduced:** 1/5/2023

**Last Amend:** 3/16/2023

**Status:** 4/24/2023-April 24 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/24/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** The California Environmental Quality Act (CEQA) authorizes a state agency or a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the office or the county clerk of each county in which the project will be located, as provided. CEQA requires the county clerk to make the notice available for public inspection and post the notice within 24 hours of receipt in the office or on the internet website of the county clerk, as specified. If a person has made a written request to a public agency for a copy of a notice of determination or notice of exemption for a project before the date on which the public agency approves or determines to carry out the project, CEQA requires the public agency, no later than 5 days from the date of the public agency's action, to deposit a copy of the written notice addressed to that person in the United States mail, first-class postage prepaid. CEQA provides that the date upon which the notice is mailed does not affect the limitations periods applicable to specified actions or proceedings to attack, review, set aside, void, or annul specified acts or decisions of a public agency on the grounds of noncompliance with CEQA. The bill would require the county clerk to post the notice both in the office and on the internet website of the county clerk within 24 hours of receipt. The bill would require a public agency to provide both the notice and any subsequent amended, corrected, or revised notice, as specified, in response to a written request for the notice, regardless of the delivery method. The bill would toll, except as provided, the limitations periods applicable to specified actions or proceedings to attack, review, set aside, void, or annul specified acts or decisions of a public agency until the date on which the public agency deposits in the mail or sends by email to the requestor a copy of the notice, including any subsequent amended, corrected, or revised notice, or the date on which the public agency submits the notice to a specified state entity, as described.

**Position**

Not Favor

**SB 231 (Hurtado D) Water measurement.**

**Current Text:** Amended: 4/20/2023 [html](#) [pdf](#)

**Introduced:** 1/23/2023

**Last Amend:** 4/20/2023

**Status:** 5/1/2023-May 1 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/1/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law requires the Department of Water Resources, the State Water Resources Control Board, and the State Department of Public Health to coordinate the collection, management, and use of agricultural and urban water measurement information provided to each agency. Current law requires the board, in collaboration with the Department of Water Resources, the California Bay-Delta Authority or its successor agency, and the State Department of Public Health, to prepare and submit a report to the Legislature by January 1, 2009, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database. This bill would require the board, in collaboration with the Department of Water Resources and the Delta Stewardship Council or its successor agency, to prepare and submit an update to the report to the Legislature by January 1, 2025, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database, as specified.

**Position**

Watch

**SB 315**

**(Hurtado D) Groundwater: groundwater sustainability agencies: probationary basins.**

**Current Text:** Amended: 4/20/2023 [html](#) [pdf](#)

**Introduced:** 2/6/2023

**Last Amend:** 4/20/2023

**Status:** 5/1/2023-May 1 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/1/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** The Sustainable Groundwater Management Act authorizes the State Water Resources Control Board to designate specified basins as probationary basins if certain conditions are met, including, but not limited to, that the Department of Water Resources, in consultation with the board, determines that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a manner that will likely achieve the sustainability goal. Current law requires the board, if it designates a basin as a probationary basin pursuant to specified conditions, to identify the specific deficiencies and potential remedies. Current law authorizes the board to request the department, within 90 days of the designation, to provide technical recommendations to local agencies to remedy the deficiencies and to develop an interim plan for the probationary basin one year after the designation, as specified. This bill would require any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. The bill would delete the authorizations for the board to request technical recommendations from the department. The bill would additionally place various requirements on the board in working with a groundwater sustainability agency, including, among other things, requiring the board to provide clear benchmarks and guidance for groundwater sustainability agencies to improve their groundwater management plans.

**Position**

Watch

**SB 361**

**(Dodd D) Water resources: stream gages.**

**Current Text:** Amended: 3/29/2023 [html](#) [pdf](#)

**Introduced:** 2/8/2023

**Last Amend:** 3/29/2023

**Status:** 4/17/2023-April 17 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/17/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law requires the Department of Water Resources and the State Water Resources Control Board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species. This bill would require the Department of Water Resources and the board, upon appropriation of funds by the Legislature, to reactivate, upgrade, and install new stream gages, as provided. The bill would require the department and board to use the recommendations and data provided in the California Stream Gaging



Prioritization Plan 2022 to complete specified actions by 2030. The bill would require the department to report to the Legislature, on or before January 1, 2026, and every 2 years thereafter, on progress made in completing those specified actions. The bill would require the data from all stream gages operating with any public money to be published as provisional data within 10 days of collection and made publicly available on the state's open water data platforms. The bill would require the department and board to develop and adopt a set of standards and processes for assessing, tracking, and reporting the accuracy of stream gages, evapotranspiration data, water meters, and other critical data inputs for water management, as provided. The bill would require the department and the board to consult with interested stakeholders to develop a plan to identify the gaps in the network of automated weather stations and eddy covariance towers to ensure accurate and comprehensive data collection.

**Position**

Favor

**SB 366 (Caballero D) The California Water Plan: long-term supply targets.**

**Current Text:** Amended: 4/27/2023 [html](#) [pdf](#)

**Introduced:** 2/8/2023

**Last Amend:** 4/27/2023

**Status:** 5/8/2023-May 8 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/8/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would revise and recast certain provisions regarding The California Water Plan to, among other things, require the Department of Water Resources to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department, in coordination with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of "The California Water Plan." The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all beneficial uses. The bill would require the plan to include specified components, including a discussion of various strategies that may be pursued in order to meet the water supply targets and an economic analysis. The bill would require the Director of Water Resources to provide an oral and written report annually to the relevant committees in the Legislature regarding the progress made toward meeting the water supply targets established by the department, as specified. The bill would also require the department to conduct public workshops to give interested parties an opportunity to comment on the plan and to post the preliminary draft of the plan on the department's internet website.

**Position**

Support

**SB 389 (Allen D) State Water Resources Control Board: determination of water right.**

**Current Text:** Amended: 4/27/2023 [html](#) [pdf](#)

**Introduced:** 2/9/2023

**Last Amend:** 4/27/2023

**Status:** 5/8/2023-May 8 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/8/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would, upon specified findings, authorize the State Water Resources Control Board to investigate the diversion and use of water from a stream system to determine whether the diversion and use are based upon appropriation, riparian right, or other basis of right, as specified.

**Position**

Oppose

**SB 458 (Gonzalez D) Public contracts: Local Agency Public Construction Act: reporting and notifications.**

**Current Text:** Amended: 3/22/2023 [html](#) [pdf](#)

**Introduced:** 2/13/2023

**Last Amend:** 3/22/2023

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was GOV. & F. on 3/29/2023)(May be acted upon Jan 2024)

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/28/2023-S. 2 YEAR

**Summary:** The State Contract Act requires the Department of General Services to make available a report on state contracting activity containing specified information. This bill would require a local public entity subject to the Local Agency Public Construction Act, commencing January 1, 2026, to maintain and regularly update a public online database and accompanying data dictionary with prescribed information on the entity's contracting activity similar to the information required for the State Contract Act report. The bill would require the State Auditor to review the databases established pursuant to the bill, commencing on an unspecified date, and biannually thereafter, and make recommendations to the Legislature on further transparency and reporting improvements.

**Position**

Watch

**SB 550**

**(Grove R) Water markets.**

**Current Text:** Amended: 3/20/2023 [html](#) [pdf](#)

**Introduced:** 2/15/2023

**Last Amend:** 3/20/2023

**Status:** 4/10/2023-April 10 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 4/10/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200

SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would require, on or before January 1, 2025, the Legislative Analyst, in collaboration with the Department of Water Resources, the State Water Resources Control Board, and other state agencies, as described, to prepare and submit to the Legislature a report analyzing the water market, including background information regarding the sale of water and water rights, trends in the water market, barriers to entering the water market or effectively trading in the market, and proposals for improving the regulatory framework to make the water market more market friendly and to encourage growth.

**Position**

Watch

**SB 638**

**(Eggman D) Climate Resiliency and Flood Protection Bond Act of 2024.**

**Current Text:** Amended: 3/20/2023 [html](#) [pdf](#)

**Introduced:** 2/16/2023

**Last Amend:** 3/20/2023

**Status:** 5/1/2023-May 1 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/1/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200

SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would enact the Climate Resiliency and Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of \$6,000,000,000 pursuant to the State General Obligation Bond Law, for flood protection and climate resiliency projects.

**Position**

Support

**SB 651**

**(Grove R) Water storage and recharge: California Environmental Quality Act.**

**Current Text:** Amended: 4/27/2023 [html](#) [pdf](#)

**Introduced:** 2/16/2023

**Last Amend:** 4/27/2023

**Status:** 5/8/2023-May 8 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/8/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200

SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would make it the policy of this state that, to help advance groundwater recharge projects, and to demonstrate the feasibility of projects that can use available high water flows to recharge local groundwater while minimizing flood risks, the State Water Resources Control Board and the regional water quality control boards prioritize water right permits, water quality certifications, waste discharge requirements, and conditional waivers of waste discharge requirements to accelerate approvals for

projects that enhance the ability of a local or state agency to capture high precipitation events for local storage or recharge, consistent with water right priorities and protections for fish and wildlife.

**Position**

Support

**SB 687 (Eggman D) Water Quality Control Plan: Delta Conveyance Project.**

**Current Text:** Amended: 5/2/2023 [html](#) [pdf](#)

**Introduced:** 2/16/2023

**Last Amend:** 5/2/2023

**Status:** 5/8/2023-May 8 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/8/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would require the State Water Resources Control Board to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, as provided, before the board may consider a change in point diversion or any other water rights permit or order for the Delta Conveyance Project. The bill would also, if, after completing the update of the plan and in compliance with existing law, the board approves a change in point of diversion or any other water rights permit or order associated with the Delta Conveyance Project, prohibit the operation of the Delta Conveyance Project unless and until the updated plan is fully implemented. The bill would specify that these provisions do not constitute an authorization for or approval of funding for the Delta Conveyance Project or any other project that includes isolated Delta conveyance facilities, and do not reduce any statutory or other regulatory conditions or permit requirements for Delta conveyance projects.

**Position**

Oppose

**SB 737 (Hurtado D) Groundwater: recharge.**

**Current Text:** Introduced: 2/17/2023 [html](#) [pdf](#)

**Introduced:** 2/17/2023

**Status:** 3/1/2023-Referred to Com. on RLS.

**Is Urgency:** N

**Is Fiscal:** N

**Location:** 2/17/2023-S. RLS.

**Summary:** Would state the intent of the Legislature to enact subsequent legislation to capture floodwater to recharge groundwater basins and to require the Department of Water Resources and the State Water Resources Control Board to work together to expedite the regulatory steps necessary to store significant rainfall and excess water underground, while still ensuring protections for the environment and other water users as required by state law.

**Position**

Watch

**SB 861 (Dahle R) California Environmental Quality Act: water conveyance or storage projects: judicial review.**

**Current Text:** Amended: 4/24/2023 [html](#) [pdf](#)

**Introduced:** 2/17/2023

**Last Amend:** 4/24/2023

**Status:** 5/1/2023-May 1 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/1/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200  
SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** The California Environmental Quality Act requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. CEQA establishes a procedure by which a person may seek judicial review of the decision of the lead agency made pursuant to CEQA. This bill would require the Judicial Council to adopt rules of court applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification or adoption of an environmental impact report for specified water projects, as defined, or the granting of any project approvals, including any appeals to the court of appeal or the Supreme Court, to be resolved, to the extent feasible, within 270 days of the filing of the certified record of proceedings with the court to an action or proceeding

seeking judicial review of the lead agency's action related to those projects. The bill would require the lead agency to prepare the record of proceedings for a project, as provided, and to include a specified notice in the draft EIR and final EIR for the project.

**Position**

Favor

**SB 867**

**(Allen D) Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.**

**Current Text:** Amended: 4/19/2023 [html](#) [pdf](#)

**Introduced:** 2/17/2023

**Last Amend:** 4/19/2023

**Status:** 5/8/2023-May 8 hearing: Placed on APPR suspense file.

**Is Urgency:** N

**Is Fiscal:** Y

**Location:** 5/8/2023-S. APPR. SUSPENSE FILE

**Calendar:** 5/18/2023 Upon adjournment of Session - 1021 O Street, Room 2200

SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would enact the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,500,000,000 pursuant to the State General Obligation Bond Law to finance projects for drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, park creation and outdoor access, and clean energy programs.

**Position**

Watch/Amend

**Total Measures: 34**

**Total Tracking Forms: 34**