



## REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway  
Bakersfield, California

**TUESDAY, March 15, 2022**

### **AGENDA**

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

**12:30PM**

#### **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.
- B. Conference with Legal Counsel – Initiation of Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(4):
  - 1. Two Matters
- C. 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 March 1, 2022.
  - B. Approval of February/March District Construction and Water Banking Project(s) Disbursements.
  - C. Approval of February/March 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 – March 10, 2022.
    - i. Approval of February 2022 Financial Reports.

B. Approval of Resolution 2022-02 – Setting District State Water Tolls.

**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 – March 1, 2022.

- i. District Facility and Maintenance Update.
- ii. District Encroachment Permit Report.
- iii. Pending Development Projects.
- iv. Branch 1 Block Wall at Hwy 99.
- v. Sunset Groundwater Recharge Project – Update.
- vi. Old River Groundwater Banking Project – Update.

B. Approval of Task Order with Zeiders Consulting for Final Design and Bid Package Preparation for the Old River Groundwater Banking Project in an amount not to exceed \$47,154.50.

**V. KERN RIVER 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 – 15% allocation.
- ii. Kern River Runoff Forecast – B-120 Update.

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. Water Applications.

B. External Agency Report.

- i. SGMA Update.

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. Form 700 Reminder – April 1, 2022.

**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: March 15, 2022

**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 March 1, 2022 (attached).

**II B.** Approval of February/March District Construction and Water Banking Project(s) Disbursements totaling \$419,088.71\* (attached), partially recommended for approval by the Operations and Projects Committee (*see March 1, 2022 Operations and Projects Committee Minutes for additional detail*).

**II C.** Approval of February/March District Disbursements (attached) recommended for approval by the Business and Finance Committee (*see March 10, 2022 Business and Finance Committee Minutes for additional detail*).

*\*The total includes disbursements approved by the Operations and Projects Committee (\$97,152.30) and an additional amount (\$321,936.41) for invoices which came in after March 1, 2022.*



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

March 1, 2022

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### **TUESDAY, March 1, 2022, 12:02PM– 1:28PM**

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

DIRECTORS ABSENT: Collins, Mendonca, and Spitzer.

STAFF PRESENT: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, General Counsel Iger, and Controller Duncan.

OTHERS PRESENT: None.

### **CLOSED SESSION DECLARED AT 12:02PM**

President Palla 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.

B. Conference with Legal Counsel – Initiation of Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(4):

1. One Matter

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

1. One Matter

Closed Session concluded at 1:12PM.

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

Item A: No reportable action.

Item B: By unanimous vote, with Directors Collins, Mendonca, and Spitzer absent, staff was given direction to initiate litigation and the action, defendants, and other particulars shall be disclosed upon request after commencement of the action.

Item C: No reportable action.

**REGULAR SESSION DECLARED AT 1:14PM**

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 1:14PM.

**INTRODUCTION OF GUESTS AND PUBLIC**

None.

**I. PUBLIC COMMENT**

None.

**II. MANAGER'S REPORT**

**A. Approval of the Minutes of the Regular Board Meeting of February 15, 2022:**

M/S/C (Garone/Antongiovanni) (yes-6, no-0): By unanimous vote, with Directors Collins, Mendonca, and Spitzer absent, the Board approved the minutes of the regular board meeting of February 15, 2022, as presented.

**B. KRWCA Request for Kern Water Collaborative Board Applicants:** General Manager Teglia announced that the Kern River Watershed Coalition Authority was looking for applicants to serve on the newly established Kern Water Collaborative Board. This new non-profit Board has been established to serve as the governing body of a non-profit entity tasked with managing the nitrate control component of the CV-SALTS program for Kern County. Mr. Teglia stated that unless any District Directors were interested, he will recommend District Groundwater Manager Jana Marquez as a possible candidate to serve on the Kern Water Collaborative Board. The Board concurred with this approach.

**C. Planning and Conservation League Report – Updating California Water Laws to Address Drought and Climate Change:** Mr. Teglia advised the Board that the above referenced report was included in the Board packet as an informational item. Mr. Teglia further stated that this report has been a topic of discussion recently in Sacramento and throughout the state and may serve as the basis for legislation the District will monitor via the Valley Ag Water Coalition.

**III. BOARD MEMBER COMMENTS**

None.

**IV. ADJOURNMENT:**

There being no further business, President Palla adjourned the meeting at approximately 1:28PM.

Approved by Board,



Richard Tillema, Board Secretary

Respectfully Submitted,



Steven Teglia, General Manager

**KERN DELTA WATER DISTRICT**  
**DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE**  
**THURSDAY, MARCH 10, 2022**

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**FEBRUARY 2022 SUB TOTAL    \$    173,779.78**

<b># PAYEE</b>	<b>AMOUNT</b>	<b>CHECK</b>
1 AMERICAN HYDROTECH - lawn service	325.00	45416
2 B&G MACHINE & WELDING - weld blade #403	1,473.49	45417
3 BSE RENTS - concrete	185.01	45418
4 BUDGET BOLT, INC. - bolts, nuts #403	64.35	45419
5 CARQUEST, INC. - hydraulic filter, grease fitting	30.27	45420
6 CITIZENS CARDMEMBER SERVICES - physicals, office supplies, subscriptions	6,668.61	45421
7 HERITAGE-CRYSTAL CLEAN, LLC - waste oil removal	225.00	45422
8 JERRY AND KEITH'S - push lock #324	282.10	45423
9 JIM BURKE FORD - filters	408.28	45424
10 JIM BURKE FORD - antifreeze	197.19	45425
11 KERN COUNTY PUBLIC WORKS - dump fees	1,534.95	45426
12 KRAZAN & ASSOCIATES, INC. - testing & inspections	1,208.50	45427
13 PACIFIC GAS & ELECTRIC - office utilities	2,305.97	45428
14 PRINCIPAL LIFE INSURANCE - insurance premium	4,573.98	45429
15 RELIABLE JANITORIAL - cleaning service	1,185.00	45430
16 STEPHEN B. SMITH - weed control	550.00	45431
17 SCHWEBEL PETROLEUM - def	145.43	45432
18 STERICYCLE, INC. - shredding service	80.98	45433
19 STERLING ADMINISTRATION - hra admin	132.00	45434
20 SULLY AND SON - flow control valve, hose, coupler	81.49	45435
21 TARGET SPECIALTY PRODUCTS - cheetah	6,276.34	45436
22 VACUSWEEP - parking lot maintenance	420.00	45437
23 AMERIFUEL - fuel	8,326.75	45438
24 CARQUEST, INC. - oil filters #324	31.03	45439
25 CORE & MAIN - pipe	1,733.16	45440
26 FLOYD'S - oil	38.59	45441
27 HOME DEPOT CREDIT SERVICES - spring link, hook, chain	300.51	45442
28 KERN COUNTY AUDITOR-CONTROLLER - vouchers	27.42	45443
29 KERN MACHINERY - switch #229	16.92	45444
30 MARCOM GROUP - website hosting	95.00	45445
31 NORTH KERN WATER STORAGE DISTRICT - weather mod	7,625.00	45446
32 PROGRESSIVE TECHNOLOGY, INC. - phone service	428.16	45447
33 RAY MORGAN COMPANY - IT support	3,212.50	45448
34 SPARKLE TEXTILE RENTAL SERVICE - uniforms	1,847.35	45449
35 STINSON STATIONERS - office supplies	650.82	45450
36 TARGET SPECIALTY PRODUCTS - cheetah	6,276.34	45451
37 UNITED AG BENEFIT TRUST - COBRA, M. Mulkay	969.50	45452
38 THE LAW OFFICES OF YOUNG WOOLDRIDGE - share of 60002	170.25	45453
39 PAYROLL #4	71,960.56	Wire
40 PAYROLL PEOPLE #4	162.00	Wire
41 EDD-STATE P/R #4	4,624.01	Wire
42 EFT-IRS P/R #4	23,768.03	Wire

43 LINCOLN LIFE - retirement program	12,895.88	Wire
44 LINCOLN LIFE - deferred comp.	3,094.54	Wire
45 MASS MUTUAL - deferred comp.	1,865.00	Wire
<b>FEBRUARY 2022 TOTAL</b>		<b>352,253.04</b>

<b># PAYEE</b>	<b>AMOUNT</b>	<b>CHECK</b>
1 A-1 ANSWERING SERVICE - answering service	610.95	45454
2 AMERICAN HYDROTECH - lawn service	325.00	45455
3 AMERIFUEL - fuel	5,996.27	45456
4 COUNTRY TIRE & WHEEL - tires #403, #220,#T-3, flat repair #222	6,056.67	45457
5 ENVIRO TECH - sonic meters	1,539.46	45458
6 JIM BURKE FORD - hook, bolt, nuts #229	61.88	45459
7 KERN COUNTY RECORDER - lien redemptions	140.00	45460
8 KERN DELTA WATER BANKING PROJECT - 2022 2nd QTR CVC	71,163.75	45461
9 LAND IQ - March analysis	7,429.00	45462
10 PITNEY BOWES - refill postage	2,000.00	45463
11 PACIFIC GAS & ELECTRIC - office utilities	11.21	45464
12 PRICE DISPOSAL - dump fees	14.34	45465
13 PROGRESSIVE TECHNOLOGY, INC. - IT support	1,639.71	45466
14 QUINN - ball, mirror #403	508.59	45467
15 RANCHO TREE SERVICE - remove fallen trees	1,800.00	45468
16 SNIDER'S - locks, chain	170.49	45469
17 SPECTRUM - internet service	373.35	45470
18 SPRAYTEC - repairs #326	8,885.35	45471
19 UNITED AG BENEFIT TRUST - medical premium	25,036.11	45472
20 VACUSWEEP - parking lot maintenance	420.00	45473
21 VERIZON - cell service	655.50	45474
22 CENTRALIZE HR - administration March	1,895.00	Wire
33 PAYROLL #5	69,704.12	Wire
34 PAYROLL PEOPLE #5	159.75	Wire
35 EDD-STATE P/R #5	4,499.24	Wire
36 EFT-IRS P/R #5	22,963.74	Wire
37 LINCOLN LIFE - retirement program	12,786.28	Wire
38 LINCOLN LIFE - deferred comp.	3,094.45	Wire
39 MASS MUTUAL - deferred comp.	1,865.00	Wire
<b>MARCH 2022 SUBTOTAL</b>		<b>251,805.21</b>



**KERN DELTA WATER DISTRICT****Anticipated Disbursements - Month End - March 2022**

<b>Payee</b>	<b>Reason</b>	<b>March 2022 Anticipated</b>
ADVANCED DIST.	truck maintenance/repair	600.00
AG SPRAY EQUIPMENT	spray parts	750.00
AMERICAN HYDROTECH	lawn service	325.00
AMERIFUEL	gas/diesel fuel	8,326.75
B & B SURPLUS	canal maintenance materials	750.00
B & G MACHINE & WELDING	welding service	750.00
BSE RENTS	concrete	350.00
BUDGET BOLT	maintenance materials	65.00
CARQUEST	brake fluid, lube	60.00
CITIZENS CARDMEMBER SERV	misc expenses	6,668.61
CORE & MAIN	pipe	2,500.00
COUNTRY TIRE	vehicle tires	1,500.00
ELLISON, SCHNEIDER & HARRIS	professional services	6,497.80
EMPOWER	deferred comp contributions	3,730.00
FLOYD'S	maintenance materials	39.00
FRESNO TITLE	title search	250.00
GRAINGER	safety materials	200.00
HOME DEPOT	maintenance materials	300.00
JERRY & KEITH'S	truck maintenance/repair	282.00
JIM BURKE	truck maintenance/repair	600.00
K.C. WASTE (PUBLIC WORKS)	dumping	1,600.00
KRAZAN & ASSOCIATES	professional services	1,350.00
LAND IQ	professional services	7,429.00
LINCOLN FINANCIAL	pension/deferred comp contributions	31,761.46
MARCOM GROUP	district web site support	95.00
NORTH KERN WSD	watermaster wages	7,625.00
O'REILLY AUTO PARTS	vehicle repair parts	250.00
ORKIN	pest control - office	85.00
P.G.&E.	district office utilities	2,400.00
PRINCIPAL LIFE INS.	dental/vision/life insurance premium	4,573.98
PROGRESSIVE TECH.	IT and computer system support	428.16
RELIABLE JANITORIAL	janitor service	1,185.00
SCHWEBEL PETROLEUM	oil/lubricants	150.00
SPARKLE	uniform/laundry service	1,750.00
SPECTRUM	internet access	365.80
SSD SYSTEMS	office alarm monitoring	25.00
STEPHEN SMITH WEED CONTROL	weed control spraying service	550.00
STERICYCLE, INC (Shred-it)	office shredding and disposal	80.98
STERLING ADMINISTRATION	medical insurance - annual fees	132.00
STINSON'S	office supplies	650.00
TARGET	weed control chemicals	25,000.00
UNITED AG	medical insurance premium	969.50
VACUSWEEP	office maintenance	420.00
VERIZON	cell phones and service	653.65
WESTAIR	welding supplies	567.00
YOUNG WOOLRIDGE	professional services	200.00
		<u>124,840.69</u>



To: Kern Delta Water District Board of Directors

From: Steven Teglia

Date: March 15, 2022

Re: Invoices and Disbursements, Special Projects & Water Banking Project Operation/Construction.

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**RECOMMENDATION:**

Staff recommends payment of the following fourteen payables divided into three overall groups of: 1) water banking program design, construction, and construction support -- \$00.00; 2) water banking variable --\$97,152.30; 3) Kern Delta Water District construction -- \$00.00. The total expenditure in February for these areas is \$97,152.30 (plus additional PG&E well energy stand-by cost).

**DISCUSSION:**

The following fourteen payables can be divided into three overall groups: 1) water banking program design, construction and construction support, 2) water banking variable, and 3) Kern Delta construction.

**First group (Water Banking Program Design, Construction, and Construction Support):**

**Second group (Water Banking Variable):**

- 1) BSK Associates – \$784.00 (Samples)
- 2) KCWA – ID4 – \$70,569.75 (Refund 2020 CVC O&M)
- 3) Kern Machinery – \$859.43 (Coupler #401, clamp, hose)
- 4) PG&E – \$115.24 (AE-01, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 5) PG&E – \$60.64 (AE-02, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 6) PG&E – \$48.54 (FR-02, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 7) PG&E – \$1,682.30 (KB-01, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 8) PG&E – \$1,635.72 (KB-04, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 9) PG&E – \$1,730.49 (KB-06, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 10) PG&E – \$5,925.12 (KD-01, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 11) PG&E – \$146.56 (KI-07, Power/stand-by energy cost for the wells associated with the Water Banking water production)

- 12) PG&E – \$61.28 (KI-08, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 13) Stephen Smith Solu. – \$9,487.50 (Weed Control)
- 14) Target Specialty – \$4,045.73 (Sapphire, defoamer)

**Third group (Kern Delta Construction)**

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

**Tuesday, March 1, 2022**

#	PAYEE		AMOUNT	CHECK
1	BSK ASSOCIATES	Samples	784.00	3251
2	KCWA - ID4	Refund 2020 CVC O&M	70,569.75	3252
3	KERN MACHINERY	Coupler #401, clamp, hose	859.43	3253
4	PGE-AE1	Well Utilities	115.24	3254
5	PGE-AE2	Well Utilities	60.64	3255
6	PGE-FR2	Well Utilities	48.54	3256
7	PGE-KB1	Well Utilities	1,682.30	3257
8	PGE-KB4	Well Utilities	1,635.72	3258
9	PGE-KB6	Well Utilities	1,730.49	3259
10	PGE-KD1	Well Utilities	5,925.12	3260
11	PGE-KI7	Well Utilities	146.56	3261
12	PGE-KI8	Well Utilities	61.28	3262
13	STEPHEN SMITH SOLU.	Weed Control	9,487.50	3263
14	TARGET SPECIALTY	Sapphire, defoamer	4,045.73	3264
<b>TOTAL</b>			<b>97,152.30</b>	

*The following were received after the March 1, 2022 Operations & Projects committee meeting and will be reviewed at the March 10, 2022 Business and Finance Committee meeting.* □

□

#	PAYEE		AMOUNT	CHECK
1	AHERN RENTALS, INC.	Water truck rental	2,609.51	3265
2	HYDRAULIC CON.	Fitting	21.86	3266
3	PGE-AE3	Well Utilities	80.34	3267
4	PGE-AE4	Well Utilities	10,897.39	3268
5	PGE-FR3	Well Utilities	55.80	3269
6	PGE-KD2	Well Utilities	7,953.24	3270
7	QUINN COMPANY	Backhoe rental	3,775.89	3271
8	AEWSD	Share of Sunset O&M Exp. 10/2021-01/2022	5,887.38	3272
9	KCWA	TRF 22-012	3,000.00	3273
10	KCWA	TRF 22-020	3,000.00	3274
11	KCWA	2022 2nd QTR CVC Operating	283,103.00	3275
12	KCWA	2022 2nd QTR CVC Demand	1,552.00	3276
<b>TOTAL</b>			<b>321,936.41</b>	

Tab III





## **BUSINESS & FINANCE COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**THURSDAY, March 10, 2022  
10:00AM**

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

- 1. Call to order**
- 2. Public Comment Period**
- 3. Approve Minutes of February 10, 2022, Business & Finance Committee Meeting**
- 4. Financial Reports and Disbursements:**
  - a. Approve February and March District and Banking Project(s) Disbursements
  - b. Approve February 2022 Financial Reports
- 5. District Controller's Report:**
  - a. Resolution 2022-02 – 2022 State Water Tolls
  - b. Fleet Replacement Reserve
- 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, March 7, 2022  
Bakersfield, California**

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**MINUTES OF THE BUSINESS & FINANCE COMMITTEE**  
**Thursday, March 10, 2022**

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DIRECTORS PRESENT: Antongiovanni, Tillema, Fanucchi

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Controller Duncan, General Counsel Iger, Hydrographer Hyatt, Administrative Assistant Rodriguez

**1. CALL TO ORDER**

Chair Antongiovanni called the meeting to order at 10:41 A.M.

**2. PUBLIC COMMENTS**

None.

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

- a. **M/S/C (Tillema/Fanucchi) (yes – 3, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on February 10, 2021.

**4. FINANCIAL REPORTS AND DISBURSEMENTS**

- a.- b. Approval of February 2022 and March 2022 Disbursements and February 2022 Financial Reports. **M/S/C (Fanucchi/Tillema) (yes – 3, no – 0):** The Business & Finance Committee recommends the Board approve the February 2022 and March 2022 District Disbursements, the updated March 2022 Water Banking Projects' Disbursements, the anticipated March 2022 end of month Disbursements, and the February 2022 District and Water Banking Projects' Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

**5. DISTRICT CONTROLLER'S REPORT**

- a. Resolution 2022-02 – 2022 State Water Tolls:  
**M/S/C (Tillema/Fanucchi) (yes – 3, no – 0):** The Business & Finance Committee recommends the Board adopt Resolution 2022-02 "Revising District State Water Tolls" and recommends the 90% calculation for the 2022 State Water Tolls from the *Procedure for Setting State Water Tolls* adopted by the KDWD Board by Resolution 2009-05.
- b. Staff discussed the establishment of a Fleet Replacement Reserve as an additional reserve to be shown in the District's monthly Treasurer's Report. The Business and Finance committee decided to table the subject and revisit during the 2023 budget discussions later in the year.

**6. ADJOURN**

Chair Antongiovanni adjourned the meeting at 11:27 A.M.

Respectfully submitted,

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Kevin Antongiovanni – Chair

**Kern Delta Water District  
Balance Sheet  
As of February 28, 2022**

<b><u>Assets</u></b>	<b><u>February 28, 2022</u></b>	<b><u>January 31, 2022</u></b>	<b><u>Month-to- Month Variance</u></b>
<b>Current Assets:</b>			
Cash & Securities in Bank	\$ 21,299,431	\$ 21,302,591	\$ (3,160)
Accounts Receivable	825,684	940,509	(114,826)
Due From KDWP	-	120,583	(120,583)
Inventories & Prepaid Expenses	509,539	524,006	(14,467)
Total Current Assets	<u>22,634,653</u>	<u>22,887,689</u>	<u>(253,035)</u>
<b>Fixed Assets</b>			
District Structures, Rights of Way	\$ 18,134,377	\$ 18,134,377	\$ -
CVC Expansion	8,776,668	8,776,668	-
Machinery & Equipment	<u>2,531,825</u>	<u>2,506,843</u>	<u>24,982</u>
	<u>29,442,870</u>	<u>29,417,888</u>	<u>24,982</u>
Accumulated Depreciation	<u>(7,166,595)</u>	<u>(7,119,995)</u>	<u>(46,600)</u>
Net Fixed Assets	<u>22,276,275</u>	<u>22,297,893</u>	<u>(21,618)</u>
Investment in Joint Powers Authority	\$ 15,375	\$ 15,375	\$ -
Investment in Sunset Program	500,000	500,000	-
Investment in MET Program	<u>8,890,130</u>	<u>8,890,130</u>	<u>-</u>
Total Assets	<u>\$ 54,316,434</u>	<u>\$ 54,591,087</u>	<u>\$ (274,653)</u>
<b><u>Liabilities &amp; Equity</u></b>			
<b>Current Liabilities:</b>			
Trade Accounts Payable	\$ 187,882	\$ 147,329	\$ 40,554
Accrued Liabilities	<u>181,085</u>	<u>167,262</u>	<u>13,823</u>
Total Current Liabilities	<u>368,967</u>	<u>314,591</u>	<u>54,376</u>
<b>Long-Term Liabilities:</b>			
Deposits Held for Others	\$ 321,059	\$ 316,059	\$ 5,000
Bonds & COP Borrowing	3,795,000	3,795,000	-
Bonds Premium & Costs	<u>130,694</u>	<u>130,694</u>	<u>-</u>
Total Long-Term Liabilities	<u>4,246,753</u>	<u>4,241,753</u>	<u>5,000</u>
Total Liabilities	<u>4,615,720</u>	<u>4,556,344</u>	<u>59,376</u>
<b>Equity:</b>			
Equity From Past Years	\$ 51,686,890	\$ 51,688,376	\$ (1,486)
Accumulative Equity - Current Year	<u>(1,986,176)</u>	<u>(1,653,633)</u>	<u>(332,543)</u>
Total Liabilities & Equity	<u>\$ 54,316,434</u>	<u>\$ 54,591,087</u>	<u>\$ (274,653)</u>



**Kern Delta Water District**  
**Cash Variance Analysis**  
**February 28, 2022**

**Cash Received:**

Accounts Receivable Collections	413,635
Share of Property Tax Receipts	81,749
Interest Received	43
	<hr/>
	495,426
	<hr/>

**Cash Disbursed:**

Disbursements for Goods and Services:	
Jim Burke Ford - Truck #229	(25,233)
Diesel/Gas for Fleet	(16,665)
Attornies - McMurtrey et al	(12,670)
Weed Control Chemicals	(12,553)
NKWSD - Weather Modification	(7,625)
Other Disbursements	(49,415)
Payrolls Paid	(229,802)
	<hr/>
	(353,962)
	<hr/>

<b>FMV Adjustment to Kern County Funds</b>	<hr/>
	(144,624)

<b>Net positive/(negative) variance</b>	<div><b>(3,160)</b></div>
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**Kern Delta Water District**  
**Accounts Receivable Variance Analysis**  
**February 28, 2022**

**Revenue Added to Accounts:**

Water Sales - Utility Water	105,811
District Wells Revenue	193
Seepage Revenue	55,646
Deposits Received	5,000
Equalization - 2022 Billing	9,198
Labor Cost Reimbursed From KDWP	120,583
Other Misc Revenues:	
Misc Leases and Rentals	500
Encroachment Permits	850
Penalties/Interest	260
Scrap metal sales	136
Other	633
	<hr/>
	298,809
	<hr/>

**Cash Received on Account:**

Water Payments	(34,752)
Misc Payments	(183,292)
Assessments Payments	(195,591)
	<hr/>
	(413,635)

<b>Interest Payments</b>	-
	<hr/>
	(413,635)
	<hr/>

<b>Net positive/(negative) variance</b>	<div><b>(114,826)</b></div>
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**Kern Delta Water District  
Inventory/Prepays Variance Analysis  
February 28, 2022**

**Additions to Accounts:**

Weed Control Chemicals Purchased	12,553
Prepaid Additions	3,213
	<hr/>
	15,766
	<hr/>

**Usage/Amortization:**

Chemicals Consumed During Month	(12,801)
Amortization of Prepaid Accounts	(17,432)
	<hr/>
	(30,233)
	<hr/>

<b>Net positive/(negative) variance</b>	<b>(14,467)</b>
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**Kern Delta Water District  
Operating Results - Year To Date  
Through the Period Ended February 28, 2022**

	<b>Actual Current Month</b>	<b>Actual Year to Date</b>	<b>Annual Budget</b>	<b>YTD as % of Annual Budget (Target is 17%)</b>	<b>Budget Remaining</b>
<b>REVENUES:</b>					
State water sales	\$ -	\$ -	\$ 992,439	0%	\$ 992,439
Utility water sales	105,811	141,889	3,214,296	4%	3,072,407
COB/Cal Water/GCWD Revenue	55,646	-	750,000	0%	750,000
Equalization	9,198	9,198	9,170	100%	(28)
Assessments	-	1,007,047	1,011,424	100%	4,377
Share of county tax	81,749	143,774	5,371,745	3%	5,227,971
Interest income	43	106	236,060	0%	235,954
Other income	2,572	107,706	175,000	62%	67,294
Water Transfer Charges	-	182,750	731,000	25%	548,250
Water Banking Expense Reimbursement	-	-	150,000	0%	150,000
<b>Total income</b>	<b>\$ 255,018</b>	<b>\$ 1,592,469</b>	<b>\$ 12,641,134</b>	<b>13%</b>	<b>\$ 11,048,665</b>
<b>EXPENDITURES:</b>					
<b>Source of supply:</b>					
State water costs	\$ -	\$ 2,296,014	\$ 3,000,000	77%	\$ 703,986
Exchange fees	-	(6,375)	76,500	-8%	82,875
Watermaster, City, Isabella	7,625	21,820	405,400	5%	383,580
Miscellaneous source costs	3,574	10,098	731,000	1%	720,902
<b>Total Source of supply</b>	<b>\$ 11,199</b>	<b>\$ 2,321,557</b>	<b>\$ 4,212,900</b>	<b>55%</b>	<b>\$ 1,891,343</b>
<b>Transmission and Distribution:</b>					
Labor	\$ 214,039	\$ 415,828	\$ 2,747,453	15%	\$ 2,331,625
Employee benefits	62,961	131,119	887,255	15%	756,136
Maintenance & Repairs	56,443	104,241	1,068,648	10%	964,407
<b>Total Transmission and Distribution</b>	<b>\$ 333,443</b>	<b>\$ 651,188</b>	<b>\$ 4,703,356</b>	<b>14%</b>	<b>\$ 4,052,168</b>
<b>Administrative &amp; other costs:</b>					
Engineering consultant	\$ 1,209	\$ 1,209	\$ 100,000	1%	\$ 98,792
Legal consultants	-	-	60,000	0%	60,000
Special legal/engineering	12,074	25,510	300,000	9%	274,490
Kern River GSA	-	-	200,000	0%	200,000
Insurance	17,164	34,327	183,610	19%	149,283
Office operations	20,291	60,599	343,427	18%	282,828
Special expenses	-	208,954	791,500	26%	582,546
Construction Expense - Peripheral	957	957	-		
Bond Interest expense	-	-	123,541	0%	123,541
FMV Adjustment	144,624	181,144			
Depreciation	46,600	93,200	559,200	N/A	466,000
<b>Total administrative &amp; other</b>	<b>\$ 242,919</b>	<b>\$ 605,900</b>	<b>\$ 2,661,278</b>	<b>23%</b>	<b>\$ 2,237,479</b>
<b>Total expenses</b>	<b>\$ 587,561</b>	<b>\$ 3,578,646</b>	<b>\$ 11,577,534</b>	<b>31%</b>	<b>\$ 7,998,888</b>
<b>Net Fav/(Unfav) Operating Results</b>	<b>\$ (332,543)</b>	<b>\$ (1,986,176)</b>	<b>\$ 1,063,600</b>		<b>\$ 3,049,776</b>

**KERN DELTA WATER DISTRICT**  
**Labor and Benefits Tracker**  
**2022**

<b>Actual Cost</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>TOTAL 2021</b>
Wages & Salaries	201,789	214,039		415,828
Payroll Taxes - Employer Paid	15,019	15,381		30,400
Medical/Dental/Vision - Cost	34,503	29,059	-	63,562
Medical/Dental/Vision - Employee Withheld	(4,136)	(4,136)		(8,272)
Life/LTD/AD&D	1,417	1,417		2,833
Retirement Plan	20,635	20,030		40,665
Uniforms and Other Benefits	720	1,210		1,930
Total Benefits	68,158	62,961	-	131,119
Total Labor and Benefits	269,947	277,000	-	546,947

<b>Budgeted Cost</b>				
Wages & Salaries	228,107	206,032		434,139
	-	-		
Payroll Taxes - Employer Paid	17,451	15,761		33,212
Medical/Dental/Vision - Cost	35,808	35,808		71,617
Medical/Dental/Vision - Employee Withheld	(5,222)	(5,222)		(10,443)
Life/LTD/AD&D	1,500	1,500		3,000
Retirement Plan	23,633	21,346		44,979
Uniforms and Other Benefits	1,730	1,730		3,461
Total Benefits	74,901	70,924	-	145,825
Total Labor and Benefits	303,008	276,956	-	579,964

<b>Budget vs Actual Variance - Fav/(Unfav)</b>				
Wages & Salaries	26,318	(8,007)	-	18,311
Payroll Taxes - Employer Paid	2,432	380	-	2,812
Medical/Dental/Vision - Cost	1,305	6,750	-	8,054
Medical/Dental/Vision - Employee Withheld	(1,086)	(1,086)	-	(2,171)
Life/LTD/AD&D	83	83	-	167
Retirement Plan	2,998	1,316	-	4,314
Uniforms and Other Benefits	1,010	520	-	1,530
Total Benefits	6,743	7,963	-	14,706
Total Labor and Benefits	33,061	(44)	-	33,018

# KERN DELTA WATER DISTRICT

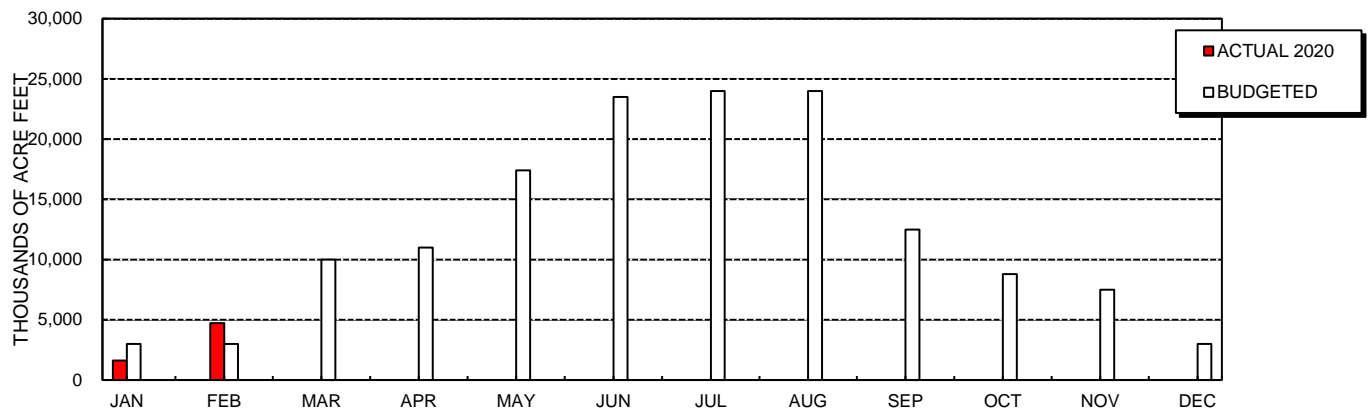
## TREASURER'S REPORT

February 2022

	2022	2021	2020	2019
Cash & Securities on hand - February 1	\$ 21,302,591	\$ 24,183,021	\$ 20,018,463	\$ 16,275,150
Add: February receipts	495,426	731,939	2,121,233	739,748
Less: February disbursements	(498,586)	(712,230)	(1,779,904)	(379,017)
<b>Cash &amp; Securities on hand - February 28, 2022</b>	<b>\$ 21,299,431</b>	<b>\$ 24,202,731</b>	<b>\$ 20,359,792</b>	<b>\$ 16,635,880</b>
<b>Petty Cash</b> \$ <b>500</b>				
<b>Citizens Business Bank</b> <b>765,179</b>				
<b>Kern County Treasury</b> <b>20,533,752</b>				
<b>\$ 21,299,431</b>				
<b>Restricted Reserves:</b>				
Restricted Reserve Fund - Water Resources Manager	\$ (300,000)	\$ (300,000)	\$ (300,000)	\$ -
<b>Unrestricted Reserves:</b>				
Pipeline Maintenance	(213,845)	(213,845)	(213,845)	(213,845)
Water Rights Protection & Litigation Reserve	(2,718,358)	(2,832,213)	(3,222,447)	(3,292,265)
2015-A COP Reserve Fund	(4,015,000)	(4,015,000)	(372,600)	(372,600)
Operating Reserve	(5,000,000)	(5,000,000)		
Capital Reserve	(2,000,000)	(2,000,000)		
Groundwater Program Reserve	(3,500,000)	(3,500,000)		
<b>Total Reserves</b>	<b>\$ (17,747,203)</b>	<b>\$ (17,861,058)</b>	<b>\$ (4,108,892)</b>	<b>\$ (3,878,710)</b>
<b>Cash Available - February 28, 2022</b>	<b>\$ 3,552,228</b>	<b>\$ 6,341,673</b>	<b>\$ 16,250,900</b>	<b>\$ 12,757,171</b>

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

	2021	2022										
	Actual (Accum- ulated)	Budgeted		Actual								
		Monthly	(Accum- ulated)	Monthly				Accumulated				% of Budget
				Utility	State	Contracts	Total	Utility	State	Contracts	Total	
JAN	3,757	3,000	3,000	1,503	0	113	1,617	1,503	0	113	1,617	54%
FEB	11,559	3,000	6,000	4,409	0	315	4,724	5,912	0	429	6,341	106%
MAR	20,811	10,000	16,000									
APR	30,829	11,000	27,000									
MAY	42,031	17,400	44,400									
JUN	54,986	23,500	67,900									
JUL	62,308	24,000	91,900									
AUG	66,834	24,000	115,900									
SEP	69,486	12,500	128,400									
OCT	71,544	8,800	137,200									
NOV	72,964	7,500	144,700									
DEC	74,086	3,000	147,700									



**KERN DELTA WATER DISTRICT**

Aged Accounts Receivable

Past Due Accounts

March 14, 2022

Account	Name	0-30 Days	31-60 Days	61-90 Days	Over 90 Days	Total Past Due
592	Costa, Joe & Mary	144.94	-	-	-	144.94
887	Forney, Bruce	6.46	6.36	6.27	417.80	436.89
1268	Jarrard Family Trust	1,196.54	-	-	-	1,196.54
3529	Sanchez, Alfredo Hernandez	4.03	3.97	3.92	261.04	272.96
	OTHER	3.15	3.10	13.42	193.30	212.97
		1,355.12	13.43	23.61	872.14	2,264.30



**Kern Delta Water Banking Project  
Balance Sheet  
February 28, 2022**

**Assets**

	<b>February 28, 2022</b>	<b>January 31, 2022</b>	<b>Month-to- Month Variance</b>
<b>Current Assets:</b>			
Cash & Securities in Bank	\$ 8,037,510	\$ 8,081,810	\$ (44,301)
Other Receivables	51,882	51,882	-
Inventory and Prepaids	162,012	158,095	3,917
Total Current Assets	<u>\$ 8,251,403</u>	<u>\$ 8,291,787</u>	<u>\$ (40,384)</u>
<b>Fixed Assets at cost less depreciation:</b>			
All structures	\$ 63,141,173	\$ 63,141,173	\$ -
Machinery and equipment	418,064	418,064	-
	<u>\$ 63,559,238</u>	<u>\$ 63,559,238</u>	<u>\$ -</u>
Less: Accumulated depreciation	(11,617,755)	(11,537,755)	(80,000)
Total fixed assets	<u>\$ 51,941,483</u>	<u>\$ 52,021,483</u>	<u>\$ (80,000)</u>
Investment in Sunset Banking Project	<u>\$ 633,249</u>	<u>\$ 633,249</u>	<u>\$ -</u>
Other Assets	<u>\$ 633,249</u>	<u>\$ 633,249</u>	<u>\$ -</u>
Total Assets	<u><u>\$ 60,826,136</u></u>	<u><u>\$ 60,946,520</u></u>	<u><u>\$ (120,384)</u></u>

**Liabilities & Equity**

<b>Current Liabilities:</b>			
Trade accounts payable	\$ -	\$ -	\$ -
Due to KDWD	<u>-</u>	<u>-</u>	<u>-</u>
Total current liabilities	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
<b>Equity:</b>			
Contributions to equity - KDWD (Land purchases)	\$ 8,890,130	\$ 8,890,130	\$ -
Equity from past years	52,411,441	52,411,441	-
Equity enhanced this year	(475,435)	(355,051)	(120,384)
Total Equity	<u>\$ 60,826,136</u>	<u>\$ 60,946,520</u>	<u>\$ (120,384)</u>
Total Liabilities & Equity	<u><u>\$ 60,826,136</u></u>	<u><u>\$ 60,946,520</u></u>	<u><u>\$ (120,384)</u></u>

**Kern Delta Water Banking Project**  
**Cash Variance Analysis**  
**February 28, 2022**

**Cash Received:**

Received From ID#4 - CVC Ops/Power	71,164
Misc Credits	3,574
Interest Received	12
	<hr/>
	74,750

**Cash Disbursed:**

Payments to PG&E	(30,393)
Kern Machinery - MG Windows Repair	(12,141)
Disbursements - Other	(21,839)
	<hr/>
	(64,373)

<b>FMV Adjustment to Kern County Funds</b>	<hr/>
	(54,678)

<b>Net positive/(negative) variance</b>	<div><b>(44,301)</b></div>
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**Kern Delta Water Banking Project  
Inventory/Prepays Variance Analysis  
February 28, 2022**

**Additions to Accounts:**

Chemicals Purchased	3,955
	<hr/>
	3,955

**Usage/Amortization:**

Chemicals Consumed During Month	(38)
	<hr/>
	(38)

<b>Net positive/(negative) variance</b>	<b>3,917</b>
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**Kern Delta Water Banking Project**  
**Statement of Operating Results**  
**Through the Period Ended February 28, 2022**

	<u>Current Month</u>	<u>Year to Date</u>
<b>REVENUE:</b>		
MET Revenues	\$ -	\$ -
Water Sales	3,574	-
Interest Income	12	29
	<u>\$ 3,586</u>	<u>\$ 29</u>
<b>Total of all income</b>		
	\$ 3,586	\$ 29
 <b>Transfer and Exchange Fees:</b>		
Exchange Fees	\$ -	\$ -
Wheeling Fees	-	-
	<u>\$ -</u>	<u>\$ -</u>
<b>Total Exchange Fees</b>		
	\$ -	\$ -
 <b>Other Costs</b>		
Power - KB1-8, KDW1-2	\$ 19,239	\$ 19,330
Power - AE1, AE2, AE3, AE4	11,154	11,237
Power - BV1, BV2, BV3, BV4, BV5	256	256
CVC Operating Costs	(70,776)	141,552
CVC Power Costs	(388)	776
O&M Spreading	15,963	16,053
Other O&M & Miscellaneous Costs	13,844	54,688
Legal & Accounting	-	-
FMV Adjustment	54,678	71,573
Depreciation	80,000	160,000
	<u>\$ 123,970</u>	<u>\$ 475,464</u>
<b>Total Other Costs</b>		
	\$ 123,970	\$ 475,464
 <b>Total all expenses</b>	<u>\$ 123,970</u>	<u>\$ 475,464</u>
 <b>Favorable/(Unfavorable) Operating Results</b>	<u>\$ (120,384)</u>	<u>\$ (475,435)</u>
  Estimated 1st Qtr Revenue - MWD		<u>\$ 750,000</u>
Estimated Fav/(Unfav) Operating Results		<u>\$ 274,565</u>

**KERN DELTA WATER BANKING PROJECT**

**TREASURER'S REPORT**

**February**

	2022	2021	2020	2019
Cash & Securities on hand - February 1, 2022	\$ 8,081,810	\$ 9,733,442	\$ 13,227,736	\$ 9,107,481
Add: February receipts	145,320	594,507	344,660	122,972
Less: February disbursements	(189,620)	(1,230,735)	(299,405)	(171,328)
<b>Cash &amp; Securities on hand - February 28, 2022</b>	<b>\$ 8,037,510</b>	<b>\$ 9,097,215</b>	<b>\$ 13,272,991</b>	<b>\$ 9,059,125</b>
<b>Citizens Business Bank</b> \$      255,751 <b>Kern County Treasury</b> <u>7,781,758</u> <u><b>\$ 8,037,510</b></u>				
Restricted Cash included in above: OM&R Spreading	\$ (224,436)	\$ (375,211)	\$ 518,813	\$ (574,976)
OM&R Extraction	(600,182)	(515,339)	(137,772)	(189,289)
OM&R CVC/Delivery Canal	-	-	(3,225,816)	(3,318,405)
Take/Put Fees	(2,538,972)	(1,237,011)	(4,382,706)	(648,255)
<b>Total Restricted</b>	<b>\$ (3,363,591)</b>	<b>\$ (2,127,561)</b>	<b>\$ (7,227,481)</b>	<b>\$ (4,730,925)</b>
<b>Cash Available for Construction - February 28, 2022</b>	<b>\$ 4,673,919</b>	<b>\$ 6,969,654</b>	<b>\$ 6,045,511</b>	<b>\$ 4,328,202</b>

**Sunset Banking Project  
Balance Sheet  
As of February 28, 2022**

<b><u>Assets</u></b>	<b><u>February 28, 2021</u></b>	<b><u>January 31, 2021</u></b>	<b><u>Month-to- Month Variance</u></b>
<b>Current Assets:</b>			
Cash & Securities in Bank	\$ 1,040,333	\$ 1,497,209	\$ (456,876)
Interest Receivable	-	-	-
Total Current Assets	<u>1,040,333</u>	<u>1,497,209</u>	<u>(456,876)</u>
<b>Fixed Assets</b>			
Construction in Progress - Spreading Works	<u>1,087,137</u>	<u>1,087,137</u>	<u>\$ -</u>
	<u>1,087,137</u>	<u>1,087,137</u>	<u>-</u>
Accumulated Depreciation	-	-	-
Net Fixed Assets	<u>1,087,137</u>	<u>1,087,137</u>	<u>-</u>
Total Assets	<u><u>\$ 2,127,471</u></u>	<u><u>\$ 2,584,346</u></u>	<u><u>\$ (456,876)</u></u>
 <b><u>Liabilities &amp; Equity</u></b>			
<b>Current Liabilities:</b>			
Trade Accounts Payable	<u>\$ -</u>	<u>\$ 454,134</u>	<u>\$ (454,134)</u>
Total Current Liabilities	<u>-</u>	<u>454,134</u>	<u>(454,134)</u>
<b>Equity:</b>			
Contributions to Equity (pre-agreement) - KDWB	\$ 133,249	\$ 133,249	\$ -
Contributions to Equity - KDWB	500,000	500,000	-
Contributions to Equity - KDWD	500,000	500,000	-
Contributions to Equity - AEWS	1,000,000	1,000,000	-
Equity From Past Years	(930)	(930)	-
Accumulative Equity - Current Year	<u>(4,849)</u>	<u>(2,107)</u>	<u>(2,742)</u>
Total Liabilities & Equity	<u><u>\$ 2,127,471</u></u>	<u><u>\$ 2,584,346</u></u>	<u><u>\$ (456,876)</u></u>

**Sunset Banking Project**  
**Statement of Operating Results**  
**Through the Period Ended February 28, 2022**

	<u>Current Month</u>	<u>Year to Date</u>
<b>REVENUE:</b>		
Miscellaneous Income		
Interest Income	31	36
Total of all revenue	\$ 31	\$ 36
<b>OTHER COSTS:</b>		
Legal & Accounting	\$ -	\$ -
FMV Adjustment	2,773	4,885
Total Other Costs	\$ 2,773	\$ 4,885
<b>Favorable/(Unfavorable) Operating Results</b>	<u>\$ (2,742)</u>	<u>\$ (4,849)</u>

**SUNSET BANKING PROJECT**

**TREASURER'S REPORT**

**February**

	<b>2022</b>	<b>2021</b>		
Cash & Securities on hand - February 1	\$ 1,497,209	\$ -		
Add: February receipts	31	-		
Less: February disbursements	(456,907)	-		
<b>Cash &amp; Securities on hand - February 31, 2022</b>	<b>\$ 1,040,333</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Citizens Business Bank</b> <b>346,244</b>				
<b>Kern County Treasury</b> <b>694,089</b>				
<b>\$ 1,040,333</b>				
<b>Unrestricted Reserves:</b>				
None				
<b>Total Reserves</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Cash Available - February 31, 2022</b>	<b>\$ 1,040,333</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



**BEFORE THE BOARD OF DIRECTORS OF  
THE KERN DELTA WATER DISTRICT**

**IN THE MATTER OF:**

**RESOLUTION NO. 2022-02**

**SETTING DISTRICT 2022 STATE WATER TOLLS**

**WHEREAS**, Kern Delta Water District (“District”) is a California Water District formed pursuant to and in accordance with Division 13 of the California Water Code (commencing with Water Code §34000); and

**WHEREAS**, pursuant to Water Code §35470, the District has the authority to fix and collect charges for water which is made available to holders of title to land or occupants within the District; and

**WHEREAS**, the costs for obtaining and delivering State Water Project water, as well as the costs for operation and maintenance, have and continue to increase; and

**WHEREAS**, the *Engineering Report Setting Forth a Proposed 2<sup>nd</sup> Amendment to 1974 Plan for Water Allocation and Procedure for Setting State Water Tolls* which was completed by the District’s engineering consultant, AECOM, set forth a process and formula by which State Water Project water tolls should be calculated; and

**WHEREAS**, on April 21, 2009 after notice was given as required by law, a public hearing was held pursuant to California Constitution Article XIII D, Section 6(a) where written protests against the proposed increase to State Water Project water tolls were not presented by a majority of the owners/tenants of the affected parcels; and

**WHEREAS**, on April 21, 2009 the Board of Directors of this District adopted Resolution No. 2009-05, which sets forth the formula by which State Water Project water tolls should be calculated; and

**WHEREAS**, for calendar year 2022, the Board of Directors of this District has calculated the tolls for State Water Project water utilizing the formula set forth in Resolution No. 2009-05.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED** by this Board of Directors as follows:

Effective March 1, 2022, the Board of Directors hereby sets the water tolls for 2022 as follows:

<u>State Water Toll Zone</u>	<u>Charge per Acre-foot</u>
Via Eastside Canal	\$116.23
Via Kern Island Central Canal	\$88.07
Via Kern Island 20-foot Ditch	\$90.21
Via Stine/Farmers Canal	\$86.84
Via Buena Vista Canal	\$84.39

All the foregoing being on motion of Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, and authorized by the following vote, namely:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

I HEREBY CERTIFY that the foregoing Resolution is the Resolution of said District as duly passed and adopted by said Board of Directors at a legally convened meeting held March 15, 2022.

WITNESS my hand and the Seal of said Board of Directors this 15<sup>th</sup> day of March 2022.

\_\_\_\_\_  
Rodney Palla  
President of the Board

\_\_\_\_\_  
Richard Tillema  
Secretary of the Board

# Tab IV





**OPERATIONS AND PROJECTS  
COMMITTEE MEETING**

**501 Taft Highway  
Bakersfield, CA**

**TUESDAY MARCH 1, 2022  
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 February 1, 2022
  - b. Encroachment Permit Update
  - c. District Facility and Banking Maintenance Report
  - d. Water Banking Construction and Power Invoices
  - e. Pending Development Projects
  - f. Branch 1 Block Wall at Hwy 99
  - g. Sunset Basins Update
  - h. Old River Basins Update
- 4. Committee Comments**
- 5. Adjourn**

A handwritten signature in black ink that reads "Chris Bellue".

Chris Bellue  
Assistant General Manager

Posted: Friday, February 25, 2022  
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, March 1, 2022**

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DIRECTORS PRESENT: Kaiser, Tillema, and Fanucchi

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Controller Duncan, Staff Engineer DeLeon, and Administrative Assistant Rodriguez

**CALL TO ORDER**

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

**1. PUBLIC COMMENTS**

None.

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

- a. Approve minutes of the Operations and Projects Committee Meeting of February 1, 2022: M/S/C (Fanucchi/Tillema) (yes-3, no-0): The Committee approved the minutes of the Operations and Projects Committee meeting held on February 1, 2022.
- b. Encroachment Permit Update: Mr. Bellue presented an encroachment request from AT&T to install a fiber optic line underneath the Central Branch Canal.
- c. District Facility and Banking Maintenance: Mr. Bellue discussed several items of note including the installation of a new turnout on the Stine Canal, and the repair of motors on two District wells. Also discussed was the installation of 120' HDPE pipe on the Eastside Canal as a temporary bypass for the Sunset Basins inlet structure.
- d. Water Banking Construction and Power Invoices: M/S/C (Tillema/Fanucchi) (yes-3, no-0): The Committee recommended the Board approve payment of Water Banking and Power Invoices totaling \$97,152.30 (plus additional PG&E well energy costs). See the attached March 15, 2022, Invoice and Disbursements memo to the Board for a full breakdown of the invoices.
- e. Pending Development Projects: Staff provided a status update of ongoing projects impacting District facilities.
- f. Branch 1 Block Wall at Highway 99: Staff discussed the construction of a concrete wall within the District's easement that is limiting maintenance activities in the area. At the committee's direction, staff is to continue research and communicate with the landowner on a possible resolution before moving it to the Board for discussion.
- g. Sunset Basins Update: Staff provided a brief update on the completion of the first phase of construction for the Basins.
- h. Old River Basins Update: Staff provided a brief update on this item.

**3. ADJOURN**

Director Kaiser adjourned the meeting at 11:25 A.M.

Respectfully submitted,

---

Donald Collins – Chair



To: Kern Delta Water District Board of Directors

From: Steven Teglia

Date: March 15, 2022

Re: Encroachment Permit Applications & Easement Requests

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**DISCUSSION:**

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

**Organization: AT&T**

Location: Kern Island Central Branch

Purpose: Install fiber line underneath canal

Anticipated Start Date: TBD

## Maintenance Report

February 2022

1. **Structure and Turnout Repairs.** The following jobs were completed during the month;
  - a. Install turnout on Stine Canal for new landowner near the bladder basin.
  - b. Replace old metal turnout on Farmers with new concrete turnout, gate, and piping at #4-0-183
  - c. Install new catwalk, measuring tube, and gate on 15 Ditch at turnout #3-0-151
2. **Shop.** The following jobs were completed during the month;
  - a. Normal service and repairs on District vehicles and equipment.
  - b. Convert turntable pump to PTO drive system
  - c. Repair hydraulic couplers and hoses on backhoe #401
  - d. Repair hydraulic hoses on mower
  - e. Repair sloper blades and hinge bolts on #403
  - f. Repair hydraulic tank and hoses on trash truck #323
  - g. Repair air brake system on truck #324
  - h. Repair spray system on truck #326
3. **District Wells.**
  - a. Monthly service and inspection of all District wells to check dripper operation and clean well pads
  - b. Coordinate repair of well motors for AE3 and KI7
4. **Motor Grader # 403** The following canals were sloped and graded;
  - a. BV and Stine Canal
5. **Backhoe # 402** The following jobs were completed during the month;
  - a. Remove tumbleweeds and cleaning Burness Ditch in preparation of startup
  - b. Excavate to install turnouts on Farmers and Stine Canals
6. **Backhoe # 404** The following jobs were completed this month;
  - a. Removed debris from BV, Stine and Eastside Canals in preparation for startup
7. **Weed Spraying.** The following canals were sprayed during the month;
  - a. Weeds were sprayed on Farmers and Smith Judd and begin on 15 Ditch
8. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
  - a. No treatments were made is month
9. **Rodent Control**
  - a. Bait Stations were checked and filled throughout the district this month.
10. **Trash Removal.**
  - a. Daily cleaning of crossings, weirs, racks and screens on all canals running
  - b. Both trash trucks were used to haul debris to the landfill from the BV and Eastside Canals in preparation for startup.
  - c. Palm Tree removal at Stine Canal near Gosford

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

- a. Kern Island – 30<sup>th</sup> St., 34<sup>th</sup> St. and Columbus
- b. Eastside – Lake Street and Kentucky St.
- c. Branch 1 – Smoke Tree Trailer Park & White Lane
- d. Stine – Chester Lane & Garnsey

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

- a. Propper Tire Inflation
- b. Daily Equipment Inspection
- c. COVID-19; District Policy
- d. Developing Good Work Habits

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

- a. Mowing cells at the Branch 1, KI, and DiGiorgio Basins
- b. Install 120' of HDPE Pipe in the Eastside Canal for temporary bypass at the Sunset Basins inlet structure
- c. Use water truck to soak in pre-emergent at basin properties

14. **Future Projects.** The following projects will be completed as time and scheduling permit:

- a. Repair gate 3-7-27 (when farmer lowers water level and installs one-way valve)
- b. Replace 200-foot section of rusted and caving pipe in the East Branch Canal located near Cottonwood Road and E. Casa Loma Drive.

15. **Future Water Banking Projects.**

- a. Manage weed control sub-contractors
- b. Mow weeds at all basins
- c. Manage fencing contractor for Branch 1, Kern Island and Romero fencing projects.



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

**Tuesday, March 1, 2022**

#	PAYEE		AMOUNT	CHECK
1	BSK ASSOCIATES	Samples	784.00	3251
2	KCWA - ID4	Refund 2020 CVC O&M	70,569.75	3252
3	KERN MACHINERY	Coupler #401, clamp, hose	859.43	3253
4	PGE-AE1	Well Utilities	115.24	3254
5	PGE-AE2	Well Utilities	60.64	3255
6	PGE-FR2	Well Utilities	48.54	3256
7	PGE-KB1	Well Utilities	1,682.30	3257
8	PGE-KB4	Well Utilities	1,635.72	3258
9	PGE-KB6	Well Utilities	1,730.49	3259
10	PGE-KD1	Well Utilities	5,925.12	3260
11	PGE-KI7	Well Utilities	146.56	3261
12	PGE-KI8	Well Utilities	61.28	3262
13	STEPHEN SMITH SOLU.	Weed Control	9,487.50	3263
14	TARGET SPECIALTY	Sapphire, defoamer	4,045.73	3264
TOTAL			97,152.30	



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	-	Have yet to receive 100% plans for review
2	P	AT&T	Install fiber crossing	Central Branch Canal	Panama Lane	X	X	X	-	Construction TBD
3	P	Boswell	Well discharge	15 Ditch	Old River/I-5	-	-	-	-	Working on putting permit together
4	P	Cal Water	New water line crossing	13 Ditch	South of Shafter Rd	-	-	X	-	Replacement of leaking water line
5	P	DeWalt	Culvert Extension	Kern Island Main Canal	South of Hosking	X	P	-	X	Sent comments regarding turnaround
6	P	KDWD	Fencing	Banking Ponds	Romero, KI, B1 Basins	-	-	-	X	Board approved contract with Lamont Fence
7	P	KDWD	Grading plan	Old River Basins	North of Taft Hwy	-	-	-	X	Approval of engineering contract needed
8	P	KDWD	Pumps and pipeline(s)	Sunset Basins	North of Sunset Blvd	-	-	-	X	75% Plans under review
9	P	KDWD	Traveling Screens	Central Branch Canal	North of AE Intake Canal	-	-	-	X	
10	P	KDWD	Wells	Old River Basins	North of Taft Hwy	-	-	-	X	Addition of two wells for site
11	P	KDWD	Annual Engineering Report	N/A	N/A	-	-	-	-	Under review
12	P	KDWD	East Branch Canal Pipeline	East Branch Canal	South of Casa Loma	-	-	-	-	Busted pipeline
13	P	Koostra Dairy	Solar Project	Central Branch Canal	West of Adobe Rd	-	-	-	X	Koostra request KDWD to approve lease agreement
14	P	Lane Engineers	Culvert Extension	Kern Island Main Canal	North of Taft Hwy	X	P	-	X	Under review
15	P	Lane Engineers	Utility crossing	Kern Island Main Canal	North of Taft Hwy	X	P	X	-	Under review
16	P	Laurel Ag	New turnout	Eastside Canal	End of Eastside	X	P	X		Under review
17	P	LAV // Pinnacle	Pipeline & Realignment	Branch One Canal	South of Taft Hwy	-	-	-	X	Conceptual plans sent
18	P	McIntosh & Associates	Pipeline & Realignment	Section 31 Ditch	North of McCutchen	X	P	-	X	Under review
19	P	McIntosh & Associates	Pipeline & Realignment	Branch II Canal	North of McKee	X	P	-	X	Zeiders completed hydraulic review
20	P	McIntosh & Associates	Block Wall	Branch One Canal	East of Hwy 99	X	X	X	-	Waiting for contractor insurance
21	P	McIntosh & Associates	Pipeline & Realignment	Stine Canal	West of Gosford	-	-	-	X	Tract Plans approved in 2009
22	P	McIntosh & Associates	Canal realignment	Stine Canal	North of McCutchen	X	P	-	X	Under review
23	P	McIntosh & Associates	Culvert Extension	Eastside Canal	South of Redbank	X	X	-	X	Expected to be completed by February 28th
24	P	Memorial	Solar Project	Eastside Canal	North of 34th Street	-	-	-	X	Memorial may need lease from KDWD for project
25	P	PG&E	Overhead Power	Central Branch Canal	South of Panama Lane	X	X	X	-	As of 1/13/2022, PG&E has not installed new crossing
26	P	PG&E	Bridge removal	Eastside Canal	North of 30th Street	-	-	-	X	No clear timeline to complete project from PG&E
27	P	WRMWS/KDWD	5G Tie-In	Buena Vista	North of S. Lake Rd	-	-	-	-	On going staff discussions
28	C	KDWD	Grading plan	Sunset Basins	North of Sunset Blvd	X	X	-	X	Grading project completed
29	C	City of Bakersfield	SCADA Project	Multiple	Multiple	X	X	X	-	Completed 01/14/2022
30	C	City of Bakersfield	Multi-Use Path	23 Ditch	North of Pacheco Road					Completed in November 2021
31	C	DeWalt	Waterline/storm drain crossing	Kern Island Main Canal	South of Hosking	X	X	X	-	Completed in December 2021
32	C	Jacaranda Hood, LLC	Pipeline & Realignment	Branch One Canal	South of Hosking	X	X	-	X	Completed early January 2022
33	C	KDWD	Back lot re-paving	KDWD Office	501 Taft Hwy	-	-	-	-	Completed in December 2021
34	C	Porter and Associates	Grant Deed	Central Branch Canal	North of Panama Lane	X	X	-	X	Grant of easement in fee to KDWD
35	C	QK	Culvert Extension	Central Branch Canal	South of Panama Lane	X	X	-	X	Completed 12/31/2021

C- Complete

P-Pending

EP - Encroachment Permit

Staff Engineer Project List Summary

**KDWD Design/Bid Prep for the Old River Recharge Project**  
**Cost Estimate for Professional Services - 03/07/2022**

**Task 1 - Obtain and Review Project information, verify topo and existing grades, etc; identify impediments, underground facilities and plot easements, etc; review existing and proposed facilities Layout.**

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	12	\$ 150.00	\$ 1,800.00
Project Engineer	0	\$ 115.00	\$ -
EIT	0	\$ 105.00	\$ -
Tech 2	50	\$ 105.00	\$ 5,250.00
Tech 1	0	\$ 95.00	\$ -
Mileage	80	\$ 0.75	\$ 60.00
Subtotal			\$ 7,110.00

**Task 2 - Plot canal profile and cross sections, prepare hydraulics analysis of the canal information for evaluation for supplying enough canal flow for full utilization of the Recharge Capability and for offsite canal storage and re-regulation.**

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	6	\$ 150.00	\$ 900.00
Project Engineer	20	\$ 115.00	\$ 2,300.00
EIT	0	\$ 105.00	\$ -
Tech 2	12	\$ 105.00	\$ 1,260.00
Tech 1	0	\$ 95.00	\$ -
Mileage	0	\$ 0.75	\$ -
Subtotal			\$ 4,460.00

**Task 3 - Prepare preliminary design, prepare earthwork balance and levee cross-sections, calculations, etc for District Approval of design (Assumes up to 2 options evaluated)**

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	24	\$ 150.00	\$ 3,600.00
Project Engineer	8	\$ 115.00	\$ 920.00
EIT	0	\$ 105.00	\$ -
Tech 2	80	\$ 105.00	\$ 8,400.00
Tech 1	0	\$ 95.00	\$ -
Mileage	150	\$ 0.75	\$ 112.50
Subtotal			\$ 13,032.50

**Task 4 - Prepare Bid Set for Recharge Ponds & Interbasin structures (plans, specs, bid sheets, etc.) From Approved Design**

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	24	\$ 150.00	\$ 3,600.00
Project Engineer	20	\$ 115.00	\$ 2,300.00
EIT	0	\$ 105.00	\$ -

Tech 2	80	\$ 105.00	\$ 8,400.00
Tech 1	0	\$ 95.00	\$ -
Mileage	150	\$ 0.75	\$ 112.50
Subtotal			\$ 14,412.50

**Task 5 - Coordinate with District, Sub-Consultants, Biologist, Bidding, evaluate bids, RFI's, Pre-bid walk, preparation of construction plans, other pre-construction work.**

Classification	Hours	Rate	Total
Principal Engineer	24	\$ 150.00	\$ 3,600.00
Project Engineer	12	\$ 115.00	\$ 1,380.00
EIT	0	\$ 105.00	\$ -
Tech 2	8	\$ 105.00	\$ 840.00
Tech 1	0	\$ 95.00	\$ -
Mileage	100	\$ 0.75	\$ 75.00
Subtotal			\$ 5,895.00

**Grand Total:**

Classification	Hours	Rate	Total
Principal Engineer	90	\$ 150.00	\$ 13,500.00
Project Engineer	60	\$ 115.00	\$ 6,900.00
EIT	0	\$ 105.00	\$ -
Tech 2	230	\$ 105.00	\$ 24,150.00
Tech 1	0	\$ 95.00	\$ -
Mileage	480	\$ 0.75	\$ 360.00
Printing			\$ -
Total			\$ 44,910.00
Contingency 5%			\$ 2,244.50
<b>Estimated Total =</b>			<b>\$ 47,154.50</b>

# Tab V



## **KERN DELTA WATER DISTRICT**

March 9, 2022

	3/9/2022	Last Year
KERN RIVER 3 DAY MEAN INFLOW	287 CFS	249 CFS
KERN RIVER MEAN OUTFLOW	289 CFS	249 CFS
ISABELLA RESERVOIR STORAGE	63,912 ACFT	94,284 ACFT
REQUESTED OUTFLOW	290 CFS	250 CFS

Estimated: (CFS)

KDWD DAILY DIVERTED: (MARCH 9, 2022)	@HEAD	STATE	XCHNG	BANKING
KERN ISLAND	114	0	0	0
EASTSIDE	31	0	0	0
BUENA VISTA -LEVEE	61	0	0	0
STINE	0	0	0	0
OTHER - River Channel	0	0	0	0
K.I. / A.E. Exchange Gate	0	0	0	0
STINE / A.E. Exchange Gate	0	0	0	0
Total CFS	206	0	0	0

Estimated: (Acre Feet)

DIVERTED (FEBRUARY 2022)	UTILITY	STATE	PURCHASE	BANKING
KERN ISLAND	7,597	0	0	0
EASTSIDE	0	0	0	0
C.O.B. Misc.	0	0	0	0
BUENA VISTA	0	0	0	0
STINE	0	0	0	0
FARMERS	0	0	0	0
SOUTH FORK	0	0	0	0
West Side State Sale	0	0	0	0
MONTHLY TOTAL	7,597	0	0	0
<b>YEAR TO FEBRUARY 28, 2022</b>	12,306 ACFT	0	0	0
<b>Year to February 28, 2022 Utility - State - Banking</b>	12,306 ACFT			

ACFT. STORAGE BALANCE AS OF:	2/28/2022	Estimate 3/9/2022	Max Storage
KERN ISLAND	6,969	7,054	Store All
BUENA VISTA	619	619	Store All
STINE	1,500	1,500	Store All
FARMERS	763	763	Store All
STATE (20) Carryover	0	0	N/A
STATE (21) Contract	0	0	N/A
RRBWSO STORAGE	18,805	18,805	N/A
PIONEER PROJECT STORAGE	23,285	23,285	N/A
TOTAL ACFT.	51,941	52,026	

K.D.W.D. CLIMATOLOGICAL OBSERVATION:

<u>44</u>	MINIMUM TEMPERATURE	<u>31</u>
<u>72</u>	MAXIMUM TEMPERATURE	<u>60</u>
<u>50</u>	PRESENT TEMPERATURE	<u>35</u>
<u>0.00</u>	PRECIPITATION - 24 HR. DAY	<u>0.00</u>
<u>0.69</u>	PRECIPITATION - MONTH	<u>0.12</u>
Seasonal <u>4.13</u>	YEAR TO DATE PRECIP.	<u>5.22</u> Seasonal

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

LAKE ELEVATION (FT.)	2,536.63	FEBRUARY AC. FT. INFLOW	15,535
STORAGE ACFT.	63,912	FEBRUARY AC. FT. OUTFLOW	10,608
STORAGE CAPACITY	568,075	ACCUMULATIVE ACFT. INFLOW (20-21)	70,328
% OF CAPACITY	11%	ACCUMULATIVE ACFT. OUTFLOW	53,448
COE STORAGE CAPACITY	360,000	% OF COE CAPACITY	18%

Summary of Utility Water Diverted Year to Date: 2/28/2022

	Utility	North Kern*	Other Exchanges
January	4,709	0	0
February	7,597	0	0
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	12,306	0	0

Summary of Other Water Diverted Year to Date: 2/28/2022

	State	Purchase	Banking
January	0	0	0
February	0	0	0
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	0	0	0

Water owed to K.D.W.D as of: 2/28/2022

B.V.W.S.D. 2021 State Balance*:	1,275
2022 State Contract: Table A	0

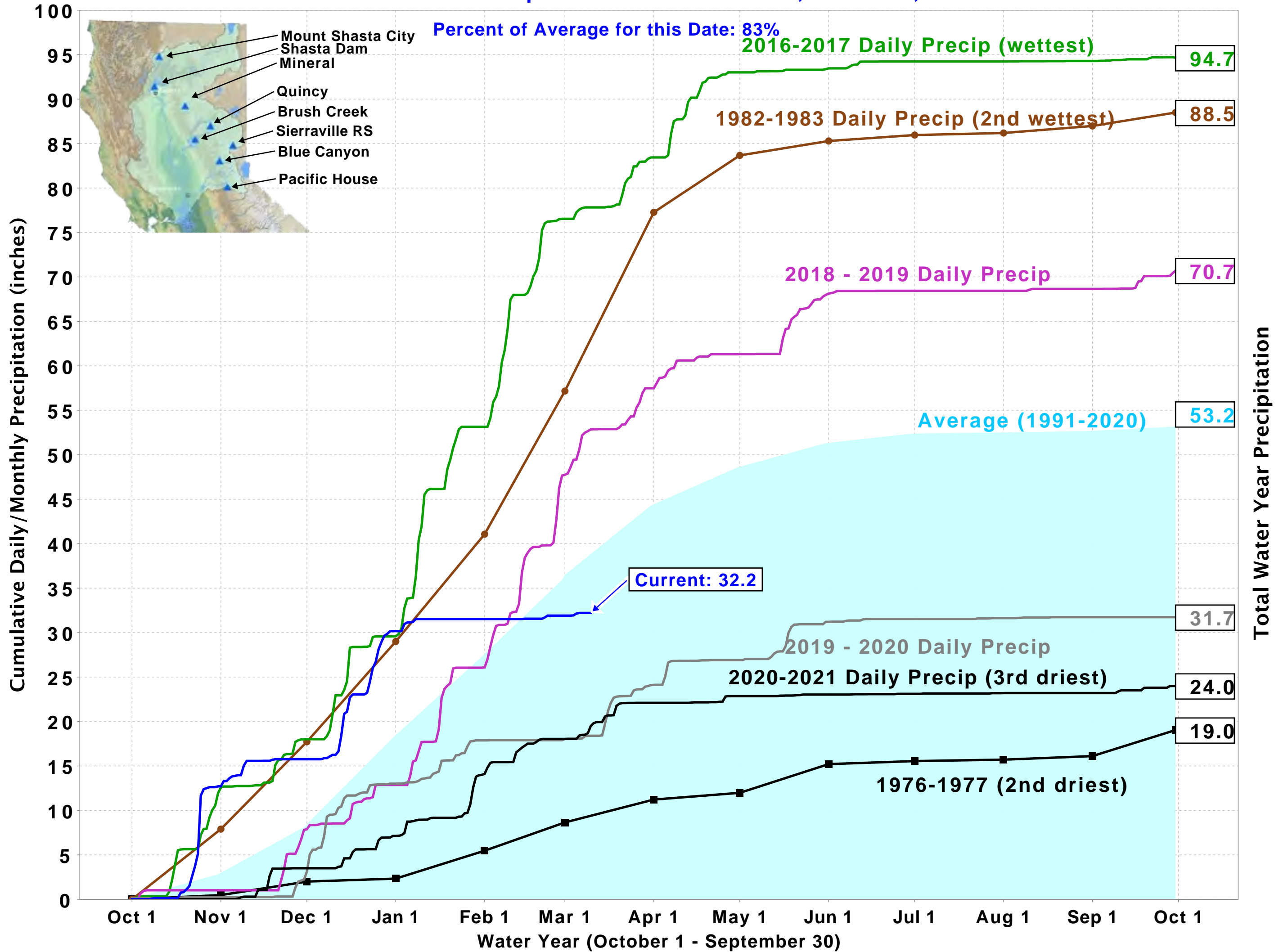
Summary of Total State Water Used Year to Date: 2/28/2022

	(OWED)	(USED)
2022 Contract	0	0
Total	0	0

Quantities in acft.	TOTAL	1,275	Net Owed to KDWD	TOTAL	0
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Maximum Annual State Carryover Balance: 6,000 acre feet \*Owed to KDWD on a mutually agreeable year.

# Northern Sierra Precipitation: 8-Station Index, March 10, 2022





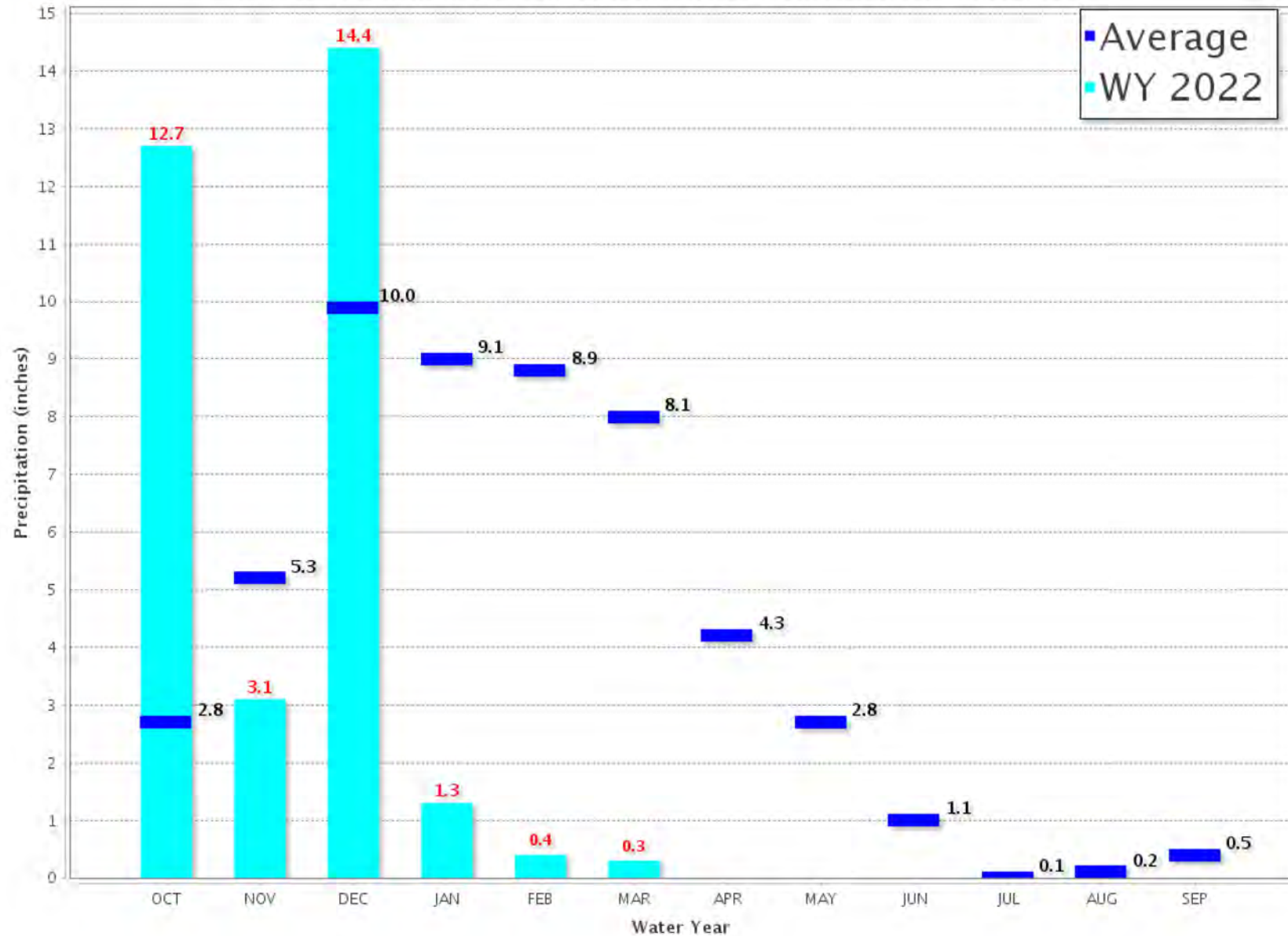


## Northern Sierra 8-Station

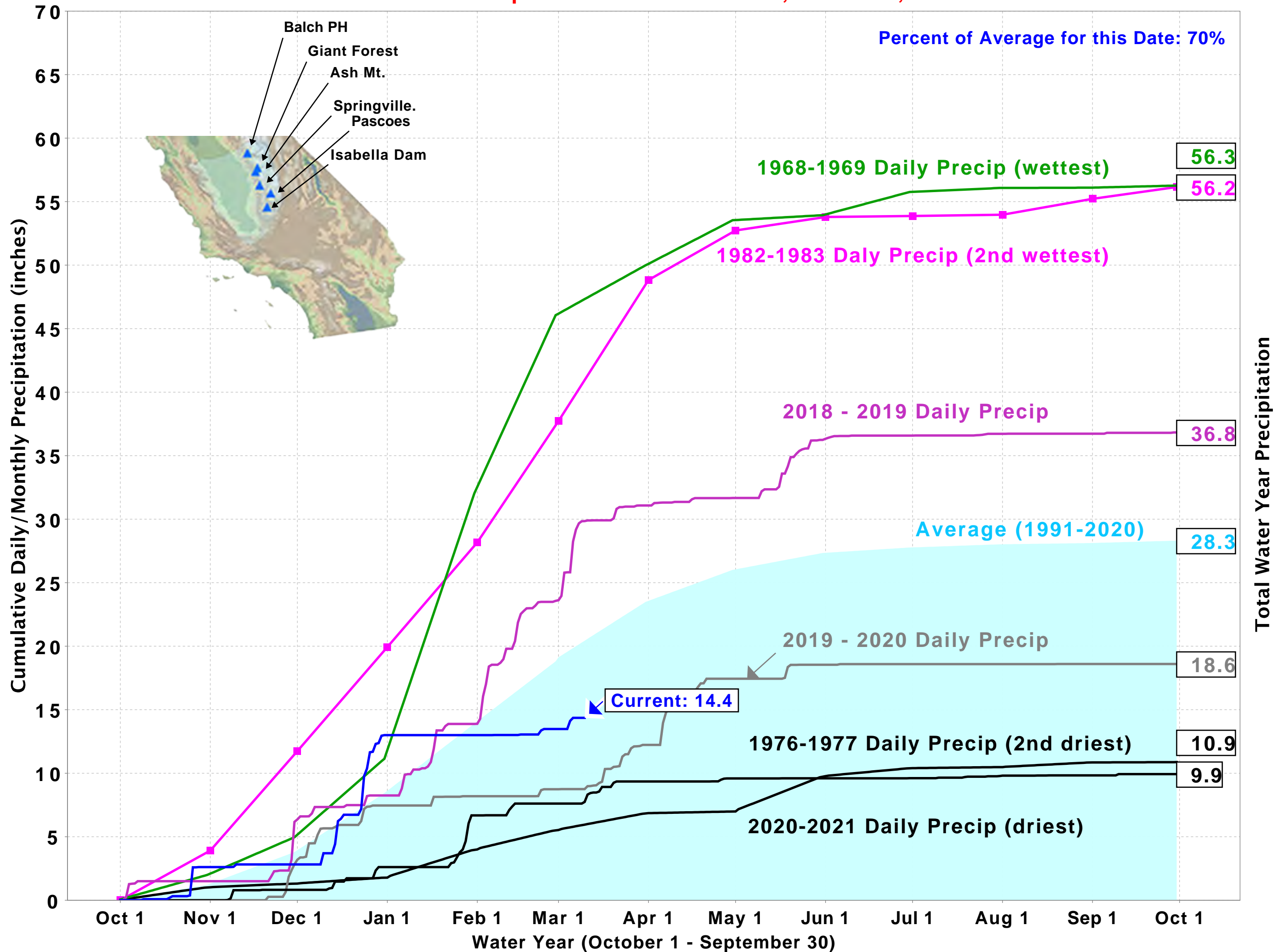
Precipitation Index for Water Year 2022 – Updated on March 10, 2022 09:49 PM

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, March 10, 2022



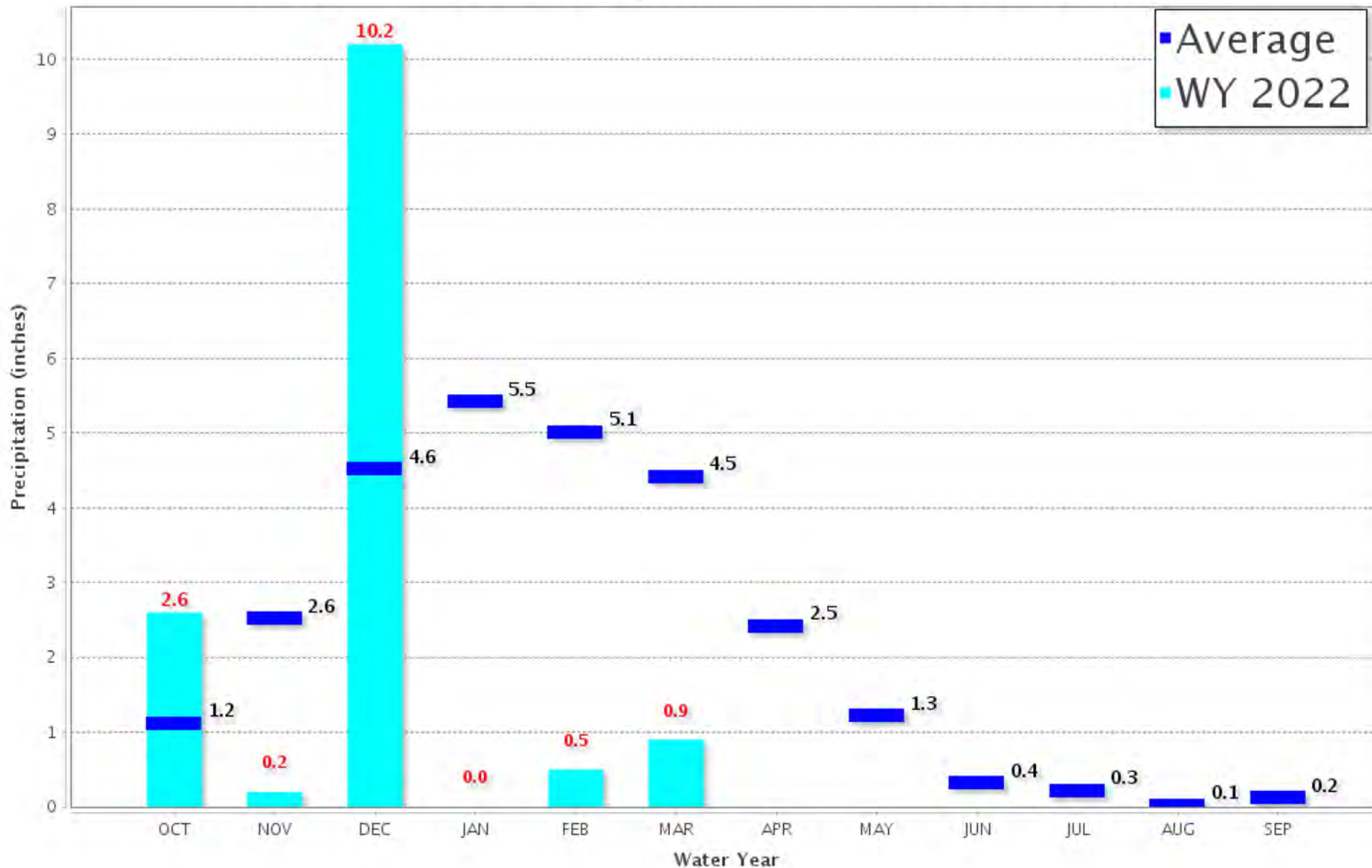


# Tulare Basin 6-Station

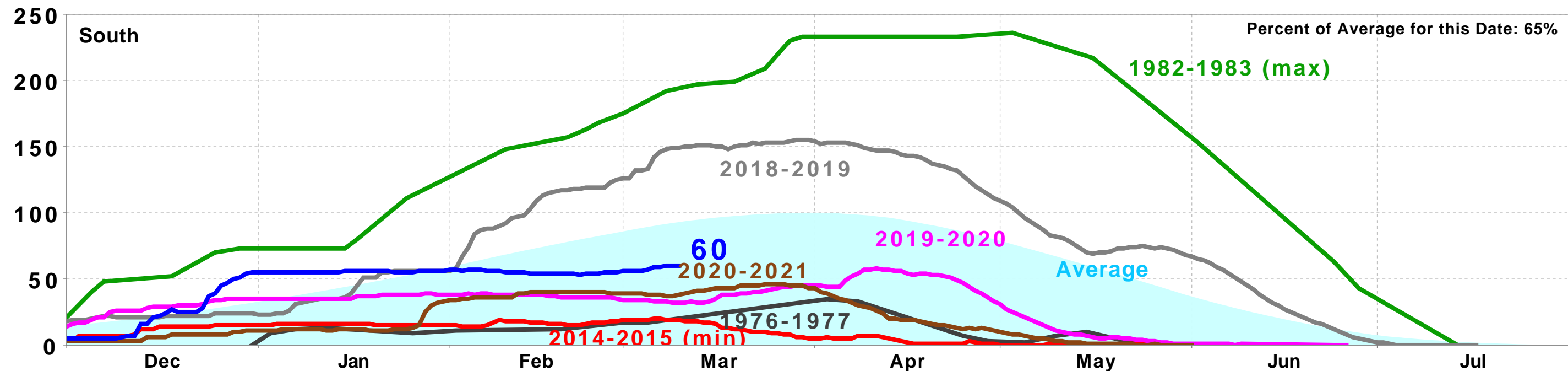
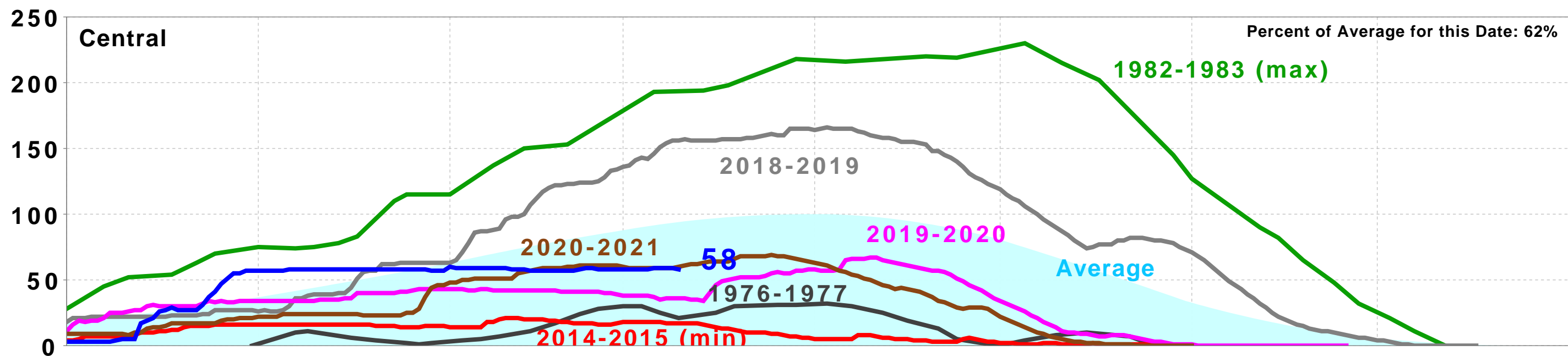
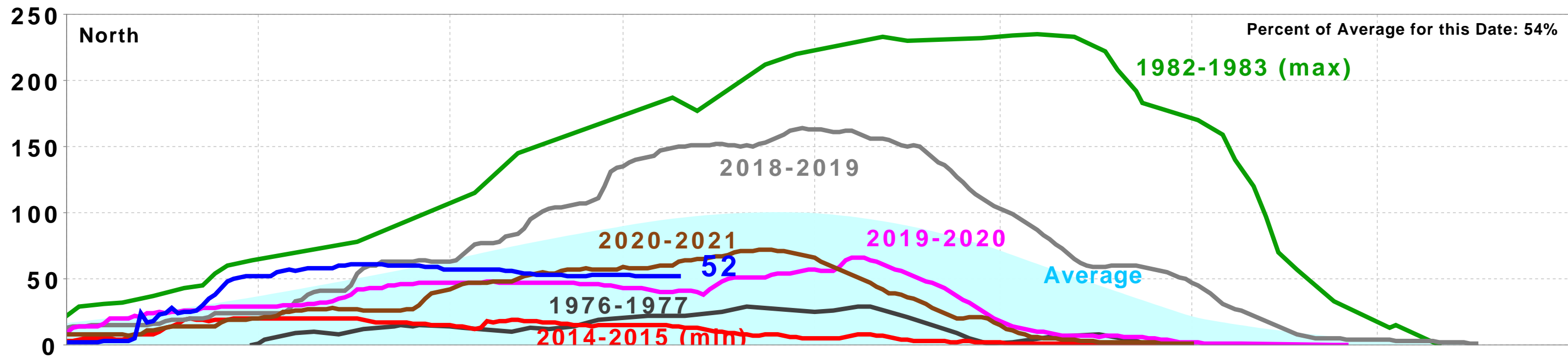
## Precipitation Index for Water Year 2022 – Updated on March 10, 2022 09:49 PM

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



# California Snow Water Content, March 10, 2022, Percent of April 1 Average



Statewide Percent of April 1: 57%

Statewide Percent of Average for Date: 60%





# STATEWIDE SNOW WATER CONTENT

## CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



### NORTH

Data as of March 10, 2022	
Number of Stations Reporting	31
Average snow water equivalent (Inches)	14.9
Percent of April 1 Average (%)	52
Percent of normal for this date (%)	54

### CENTRAL

Data as of March 10, 2022	
Number of Stations Reporting	43
Average snow water equivalent (Inches)	17.3
Percent of April 1 Average (%)	58
Percent of normal for this date (%)	62

### SOUTH

Data as of March 10, 2022	
Number of Stations Reporting	28
Average snow water equivalent (Inches)	15.2
Percent of April 1 Average (%)	60
Percent of normal for this date (%)	65

### STATE

Data as of March 10, 2022	
Number of Stations Reporting	102
Average snow water equivalent (Inches)	16.0
Percent of April 1 Average (%)	57
Percent of normal for this date (%)	60

**Statewide Average: 57% / 60%**

Data as of March 10, 2022

# U.S. Drought Monitor California

**March 8, 2022**

*(Released Thursday, Mar. 10, 2022)*

Valid 7 a.m. EST

*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.00	100.00	100.00	86.98	12.82	0.00
<b>Last Week</b> <i>03-01-2022</i>	0.00	100.00	100.00	86.98	12.82	0.00
<b>3 Months Ago</b> <i>12-07-2021</i>	0.00	100.00	100.00	92.43	80.28	28.27
<b>Start of Calendar Year</b> <i>01-04-2022</i>	0.00	100.00	99.30	67.62	16.60	0.84
<b>Start of Water Year</b> <i>09-28-2021</i>	0.00	100.00	100.00	93.93	87.88	45.66
<b>One Year Ago</b> <i>03-09-2021</i>	0.75	99.25	90.89	58.59	29.54	3.75

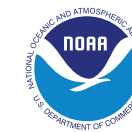
## Intensity:

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

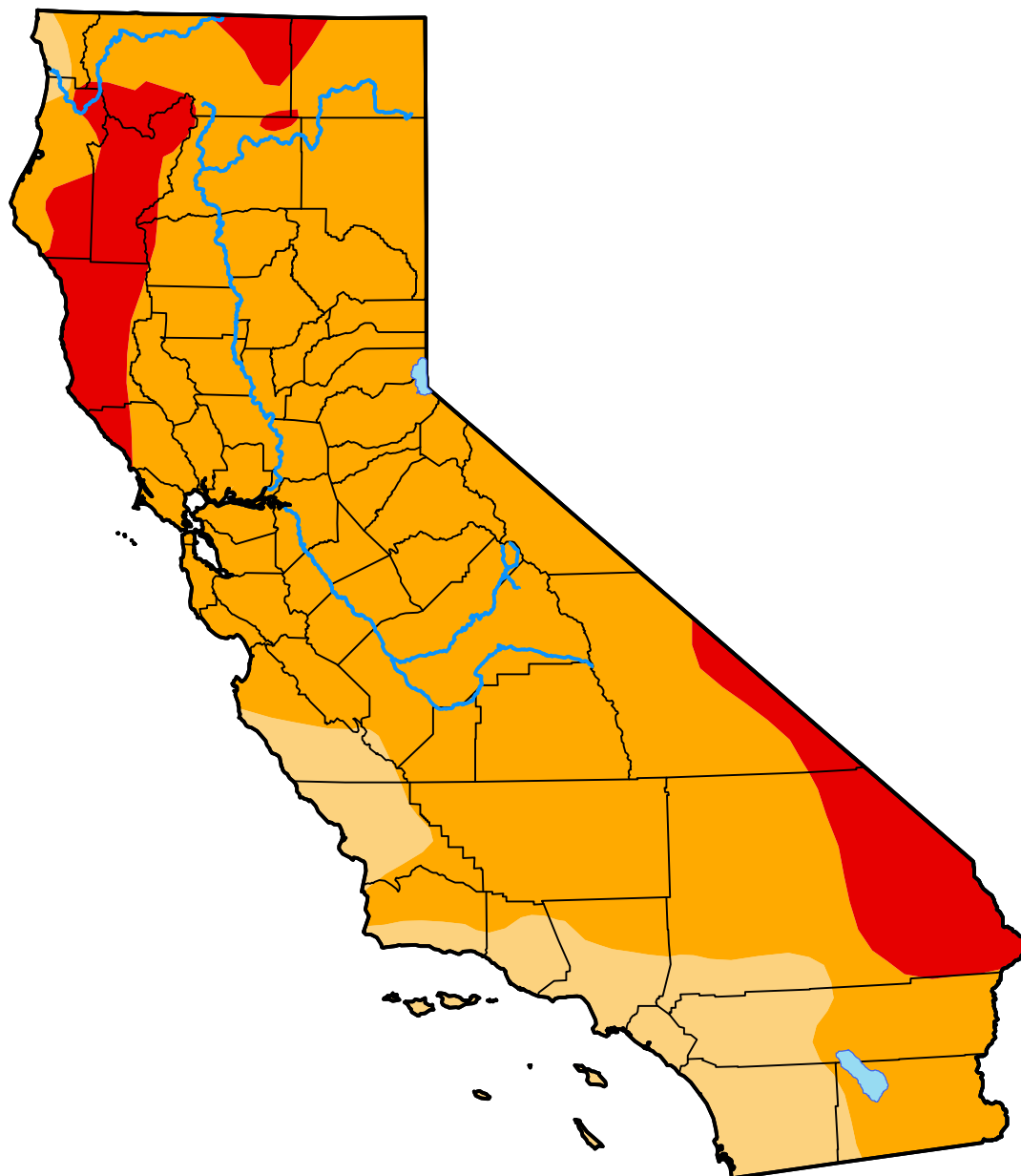
*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

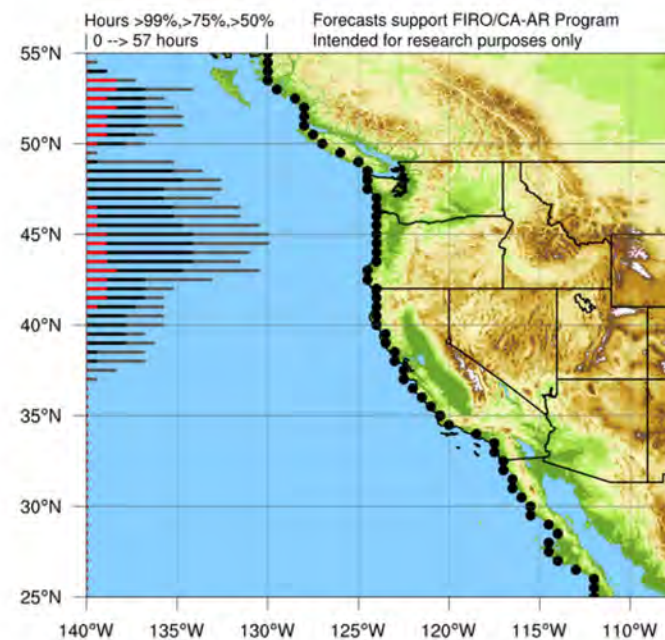
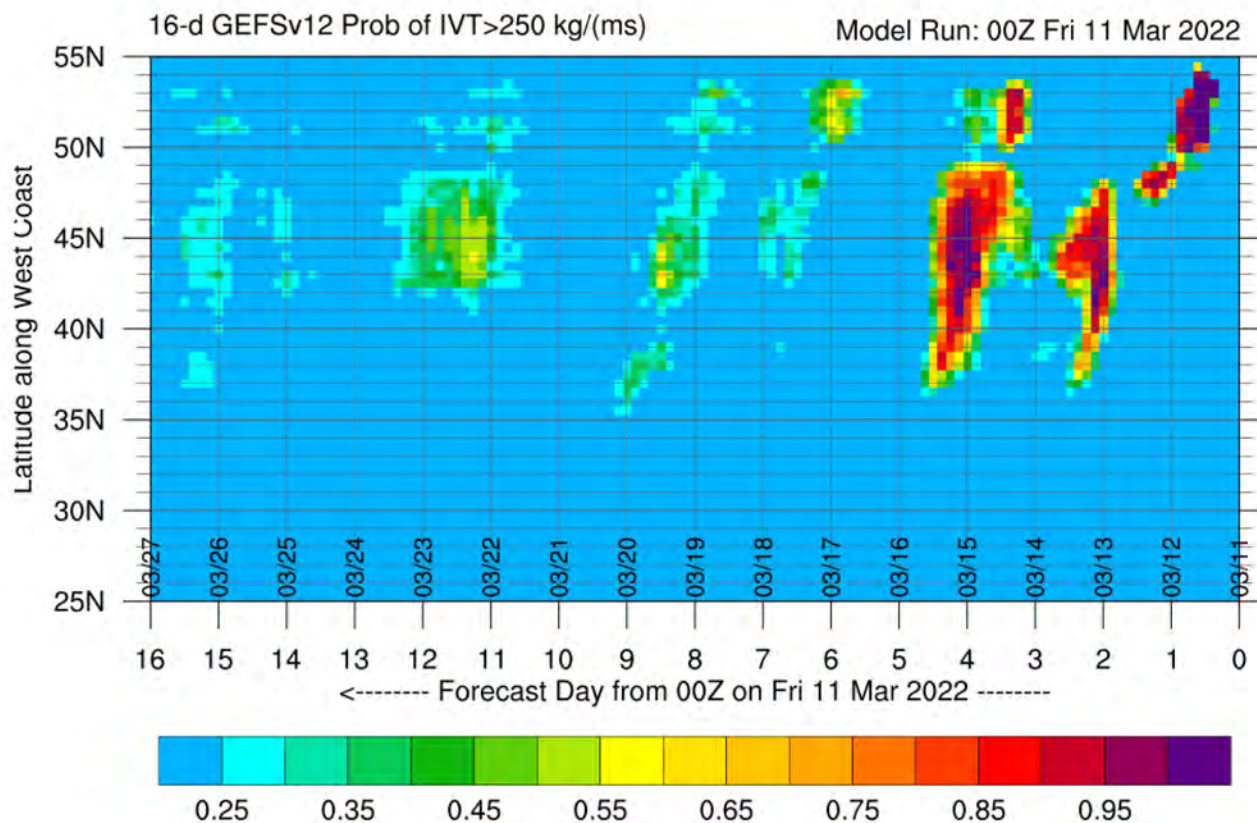
## Author:

Brian Fuchs  
National Drought Mitigation Center

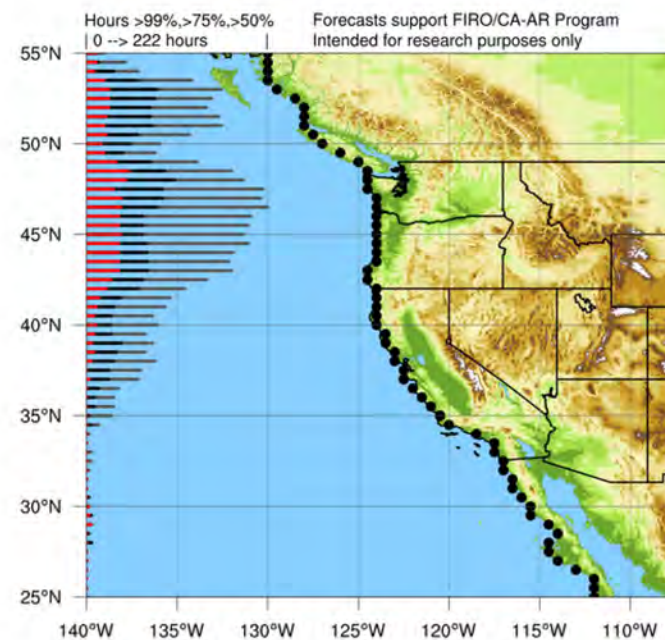
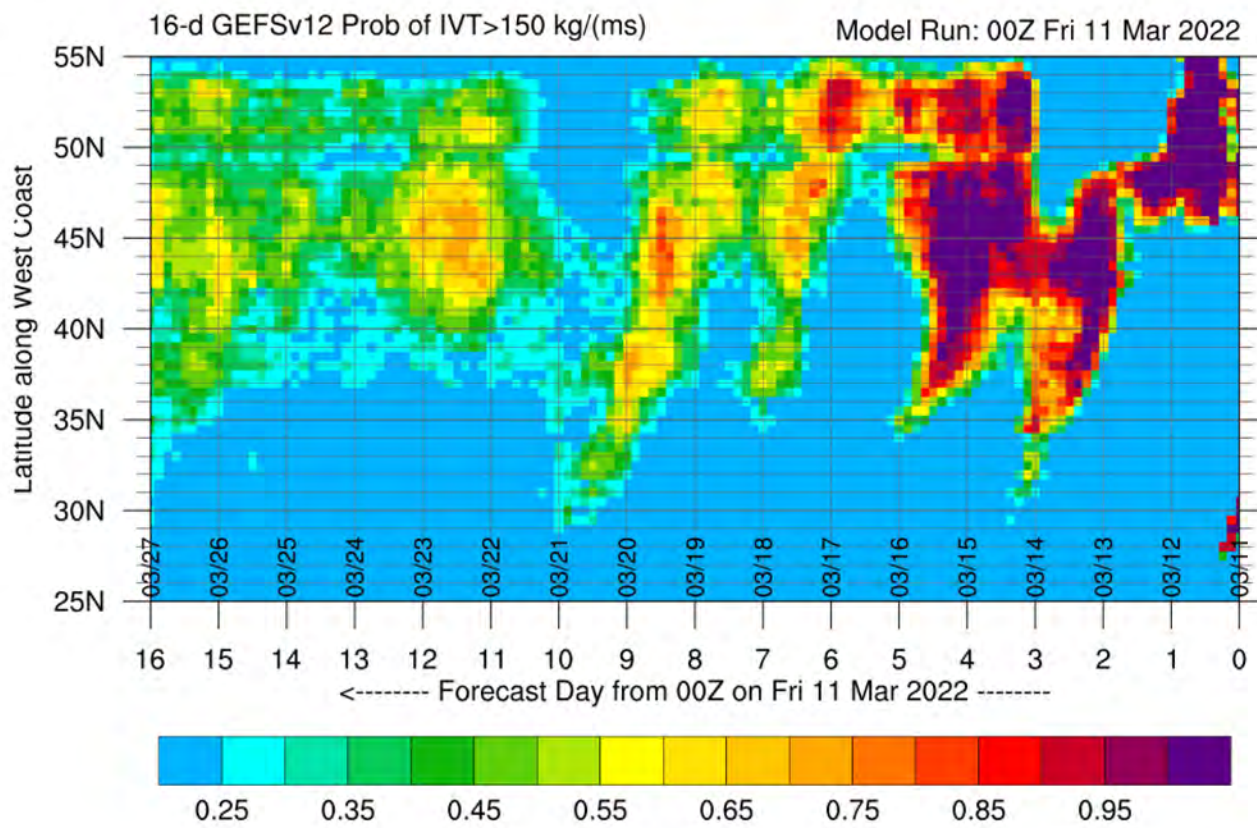


**droughtmonitor.unl.edu**









Center for Western Weather  
and Water Extremes  
SCRIPPS INSTITUTION OF OCEANOGRAPHY  
AT UC SAN DIEGO





## B-120 WATER SUPPLY FORECAST UPDATE SUMMARY

### UNIMPAIRED FLOW FOR - MARCH 2022

(Provisional data, subject to change)

Report generated: March 10, 2022 14:37

APRIL-JULY FORECAST UPDATE SUMMARY (IN THOUSANDS OF ACRE-FEET)								
DAYS OF MONTH	MARCH 01		MARCH 08					
WATERSHED PERCENTILES	AJ VOL	% AVG	AJ VOL	% AVG	AJ VOL	% AVG	AJ VOL	% AVG
Shasta Lake, Total Inflow								Average = 1,767
90% Exceedance	740	42	750	42				
50% Exceedance	1,050	59	1,040	59				
10% Exceedance	2,070	117	2,000	113				
Sacramento River above Bend Bridge (near Red Bluff)								Average = 2,474
90% Exceedance	1,010	41	1,020	41				
50% Exceedance	1,500	61	1,490	60				
10% Exceedance	3,160	128	3,070	124				
Feather River at Oroville								Average = 1,710
90% Exceedance	480	28	500	29				
50% Exceedance	890	52	850	50				
10% Exceedance	2,110	123	1,920	112				
Yuba River near Smartsville								Average = 993
90% Exceedance	350	35	370	37				
50% Exceedance	650	65	630	63				
10% Exceedance	1,320	133	1,260	127				
American River below Folsom Lake								Average = 1,247
90% Exceedance	340	27	370	30				
50% Exceedance	770	62	750	60				
10% Exceedance	1,500	120	1,410	113				
Mokelumne River, Inflow to Pardee Reservoir								Average = 469
90% Exceedance	125	27	135	29				
50% Exceedance	290	62	280	60				
10% Exceedance	520	111	480	102				
Stanislaus River below Goodwin Res (blw New Melones)								Average = 699
90% Exceedance	220	31	230	33				
50% Exceedance	440	63	430	62				
10% Exceedance	820	117	730	104				
Tuolumne River below La Grange Res (blw Don Pedro)								Average = 1,222
90% Exceedance	430	35	430	35				
50% Exceedance	730	60	700	57				
10% Exceedance	1,310	107	1,170	96				
Merced River below Merced Falls (blw Lake McClure)								Average = 627
90% Exceedance	185	30	190	30				
50% Exceedance	350	56	340	54				
10% Exceedance	680	108	610	97				
San Joaquin River below Millerton Lake								Average = 1,229
90% Exceedance	470	38	490	40				
50% Exceedance	850	69	840	68				
10% Exceedance	1,370	111	1,270	103				
DAYS OF MONTH	MARCH 01		MARCH 08					
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	410	34	430	36				
50% Exceedance	750	62	740	61				
10% Exceedance	1,310	109	1,200	100				
Kaweah River below Terminus Reservoir								Average = 276
90% Exceedance	65	24	75	27				
50% Exceedance	140	51	140	51				
10% Exceedance	320	116	300	109				
Tule River below Lake Success								Average = 56
90% Exceedance	8	14	8	14				

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

50% Exceedance	17	30	17	30
10% Exceedance	65	116	60	107
Kern River, Inflow to Lake Isabella				Average = 427
90% Exceedance	110	26	120	28
50% Exceedance	170	40	170	40
10% Exceedance	430	101	420	98

#### 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.
- Runoff exceedance levels are derived from historical data. The 90 percent exceedance level and the 10 percent exceedance level together comprise a range about the median forecast in which the actual runoff should fall 8 times out of 10.
- Forecasts are stated in 1,000's of acre-feet and percent of (30-year) average.
- The averages are for the period 1991 to 2020.

#### CONTACT INFORMATION

FIRST NAME	LAST NAME	EMAIL	PHONE
Sean	de Guzman	Sean.deGuzman@water.ca.gov	(916) 572-2208
Andrew	Reising	Andrew.Reising@water.ca.gov	(916) 574-2181
Lauren	Alkire	Lauren.Alkire@water.ca.gov	(916) 574-1433
Anthony	Burdock	Anthony.Burdock@water.ca.gov	(916) 574-2637

# KERN RIVER WATERMASTER

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

661-333-6981

March 9, 2022

To: Kern River Interests

From: L. Mark Mulkay  
Kern River Watermaster

RE: Report of Recent Activities

This is the March 9, 2022, Kern River Watermaster Report. I spoke with Dana Munn a few times during the past month. He continues to show interest in the Kern River and the activities of the Kern River Watermaster Group. He sends his best wishes to all of you. As a reminder, I have established an email address for the Watermaster activities and it listed above. I continue to meet and communicate with City staff and Scott Kuney regarding the daily operations of Isabella and the River.

**Kern Power Plant Request** – During my latest conversation with Ted Sorensen (Kern Power Plant), Ted informed me that their construction near the SCE Plant is nearing an end. They expect to have all the concrete in place and the check structure completed by the end of March. The lower coffer dam was left in as an access point to the north side of the River and should be removed by the end of March also. Flows up to 1000 cfs can pass through the structure now and by the end of the month there will be no restriction remaining.

**Isabella Dam Safety Modification Project** – The COE March 2022 Situation Report is attached for your review and information. There is a Kern River Group meeting with David Serafini (COE) and other COE staff scheduled for 9:30 am, Wednesday, March 23, 2022. The purpose of the meeting is to discuss the inflow into Isabella reservoir using the projections for the 2022 run off season and to coordinate the future filling of the reservoir. Please review your agency's projected 2022 water demand and the runoff forecasts and be prepared to discuss your thoughts with the COE. This meeting will be held at the offices of Young/Wooldridge and is also available via a Webex link that was provided in the calendar invitation. If you cannot find the link, please contact me. Miguel Chavez (City) and I have been communicating with John Wiest (COE) and providing Isabella inflow and outflow information and accretions into the Kern River between Isabella and First Point. John and his staff are working on the update of the Isabella Reservoir Control Manual.

**Runoff and Operations** – February continued to be dry with a little precipitation the end of the month and into early March. Attached is the March 8, 2022, Tulare Basin Precipitation 6-Station Index. The Index increased to 14.4 inches of precipitation for the water year and has dropped to 71% of Average for this date. With dry conditions predicted for the next few weeks, this Average will likely go down. The COE B120 came out yesterday and forecasts a 40% April-July flow for the Kern River. I have heard a few predictions that the end of March and early April may bring additional precipitation to our area. Also attached is a four-month Daily Lake Isabella Inflow Analysis (with actuals through March 9) that compares the last four months with the same period of other similar years.

**Wet Meadow Snow Pillow** – We received information from Dan Garrigue (Sierra Hydrographics) last week that the Wet Meadow Snow Pillow may be compromised. Snow Surveyors reported a tree had fallen on the snow pillow. The snow measurements dropped from 10.10” to about 4” fairly quickly. It appears that either the float has been damaged or the pillows have developed a leak. Dan believes the latter is true because the tree was on the pillows. We will have to wait until later in the year before anyone can physically reach the site for a full inspection and report.

**Aerial Snow Observatory** – No report.

**Public Outreach** – I responded to two public inquiries this month.

**Watermaster Records** – I met with City Central Records and together we determined how the Onyx Ranch flows will be recorded in the daily, monthly, and annual First Point records. It is assumed that this process will be revised as needed during a possible pilot program.

**Attachments:**

- COE Isabella Situation Report, March 2022
- Tulare Basin Precipitation: 6-Station Index, March 8, 2022
- Daily Lake Isabella Inflow Analysis, March



# ISABELLA LAKE, CA CONSTRUCTION

**U.S. ARMY CORPS OF ENGINEERS**

**BUILDING STRONG.**

## Location & Description

Isabella Lake Dam (consisting of a Main Dam, Auxiliary Dam and service spillway) 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 service spillway is located between the two dams. The reservoir (Isabella Lake) has a gross storage capacity of 568,075 acre feet.

**March 2022**



## Advisory

- USACE has established enhanced protocols to ensure the safety of our employees and our partners, and to take necessary precautions to prevent the spread of COVID-19.
- 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.
- Corps 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.

## Looking Ahead Next 30+ days)

- Emergency Spillway is 77.2% complete with common and rock excavation at 85%. Steel rebar, slab, and wall placement work also continues at the Labyrinth Weir at 94.6% completion. Photo above shows current construction of walls and slabs. Target for completion is projected in April 2022.
- Main Dam and Service Spillway work continues with 57.1% completion and 87.2% respectively. Service Spillway is projected for completion in April 2022.
- Auxiliary Dam is 91% complete overall. 74,200 cubic yards of slope protection and embankment remaining to complete the Aux Dam.
- Property Appraisal for the U.S. Forest Service Visitor Center is complete and real estate acquisition is in progress.
- USACE will provide updates on any changes via public outreach, the monthly SITREP, and the Isabella Task Force engagements.

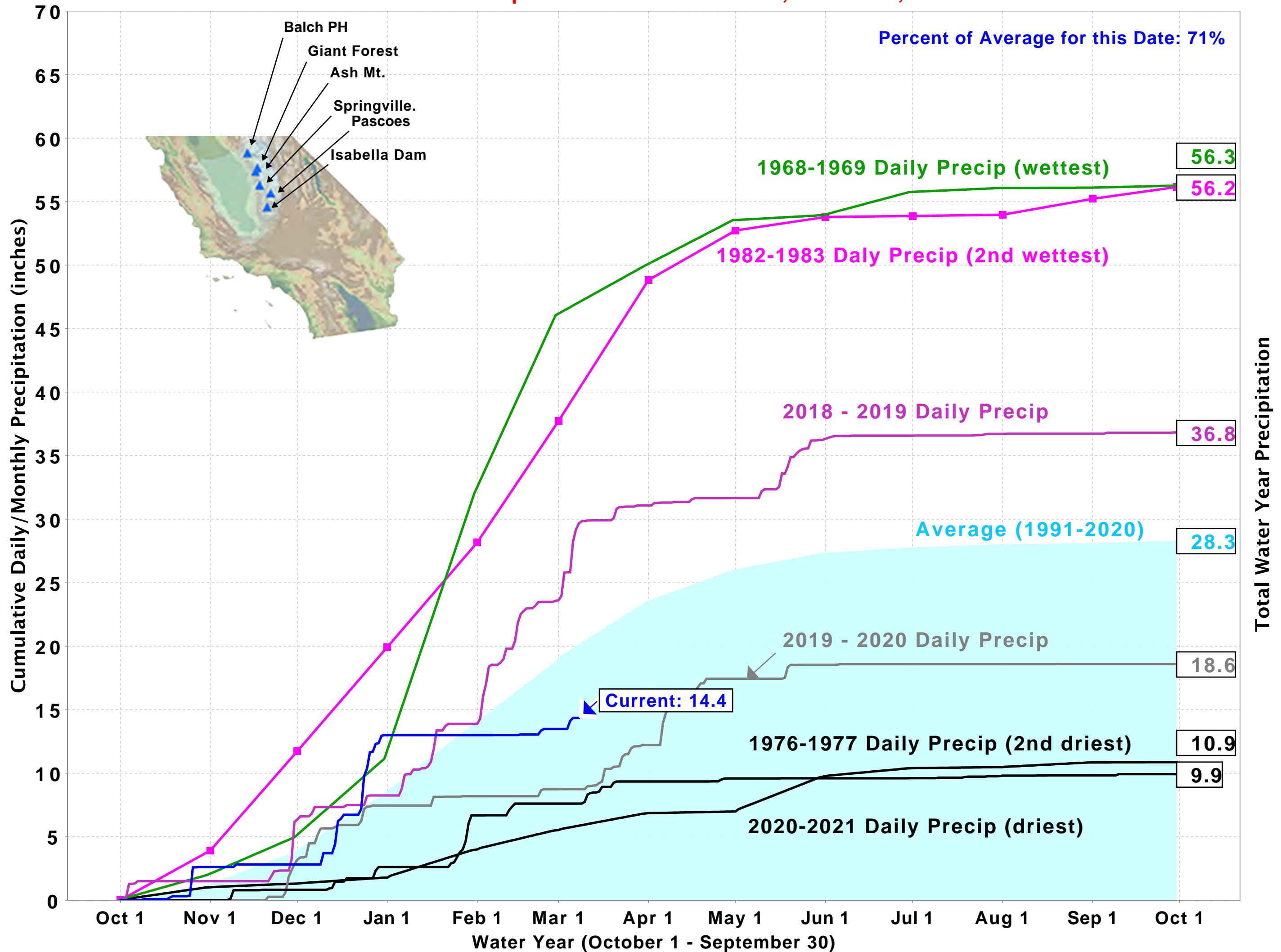
## Current Lake Status (as of March 1, 2022)

The current pool resides at 64,187 acre-feet (elevation 2,536 feet-IPD), which is 18% of restricted pool and 38% of flood conservation pool.

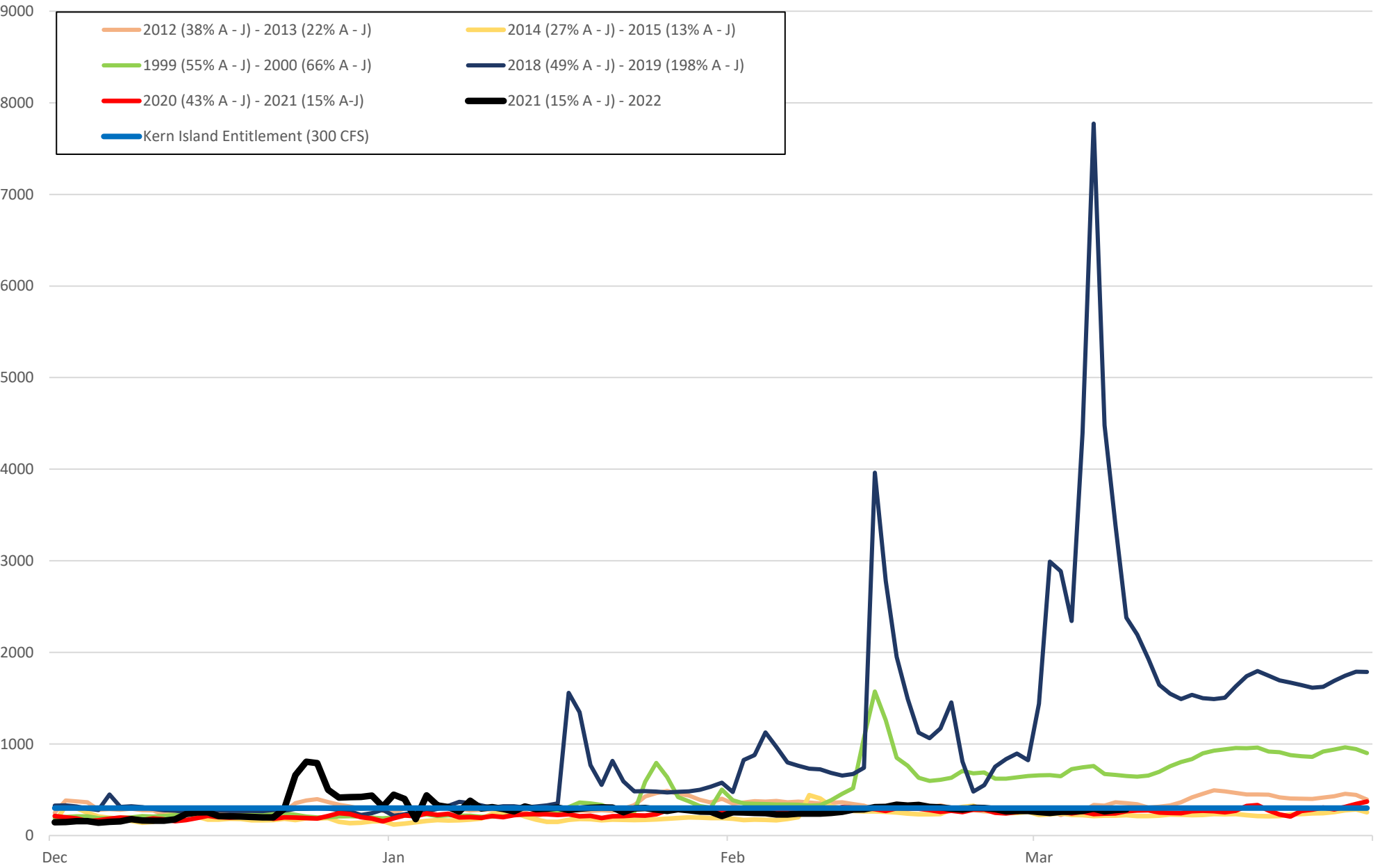
As part of our interim risk reduction measures, Isabella Lake is restricted to 361,250 acre-feet (elevation 2,585.5 feet-IPD) outside of flood season. During flood season (~November-March), flood conservation pool is restricted to 170,000 acre-feet (elevation 2,560.4 feet-IPD). Current lake status can be viewed at <https://go.usa.gov/xE2pX>

Milestones	
Pre-Construction Engineering and Design	Complete
Construction of USFS Fire Station and Admin Facilities	Complete
U.S. Forest Service Visitor's Information Center	In Planning
Permanent Operations Building	2023
Dams and Spillways Construction	2018-2022

# Tulare Basin Precipitation: 6-Station Index, March 08, 2022



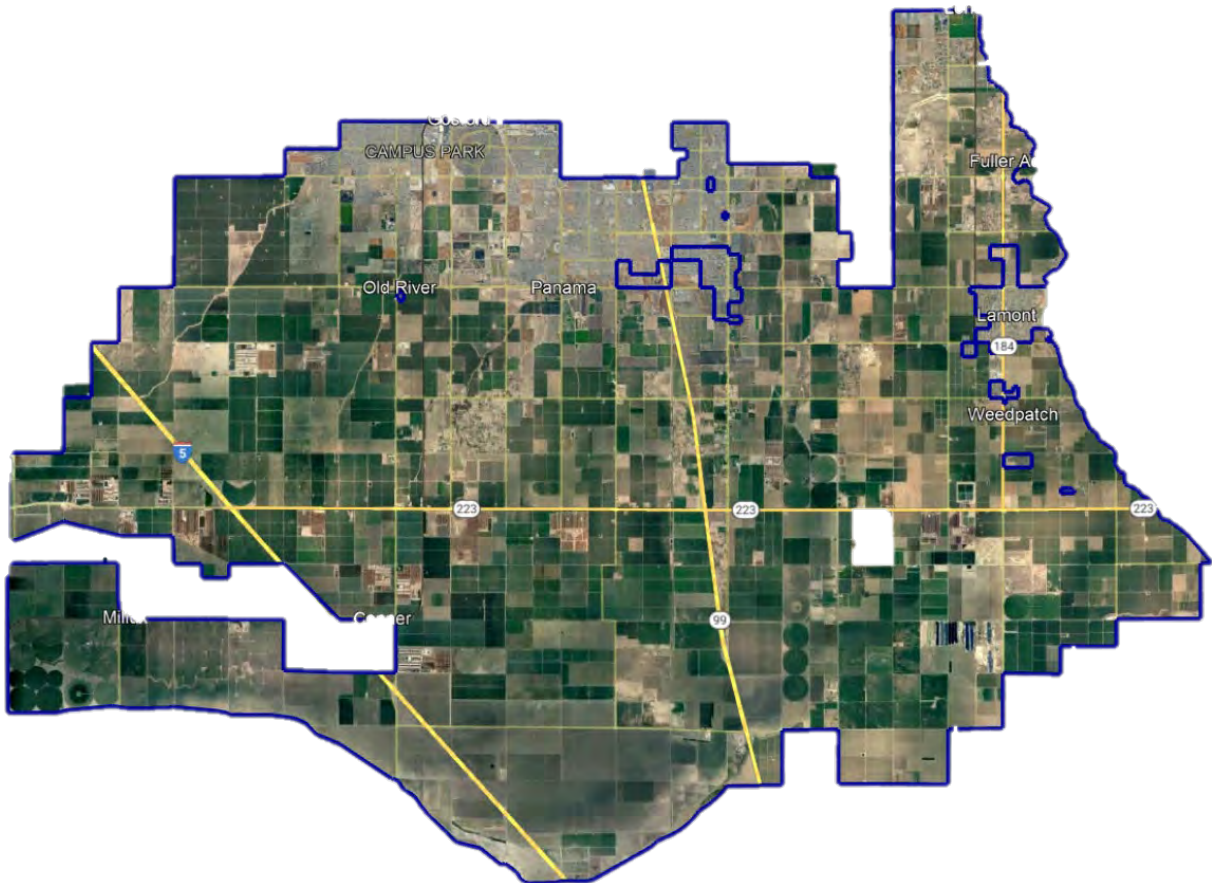
Daily Lake Isabella Inflow Analysis (CFS Days)





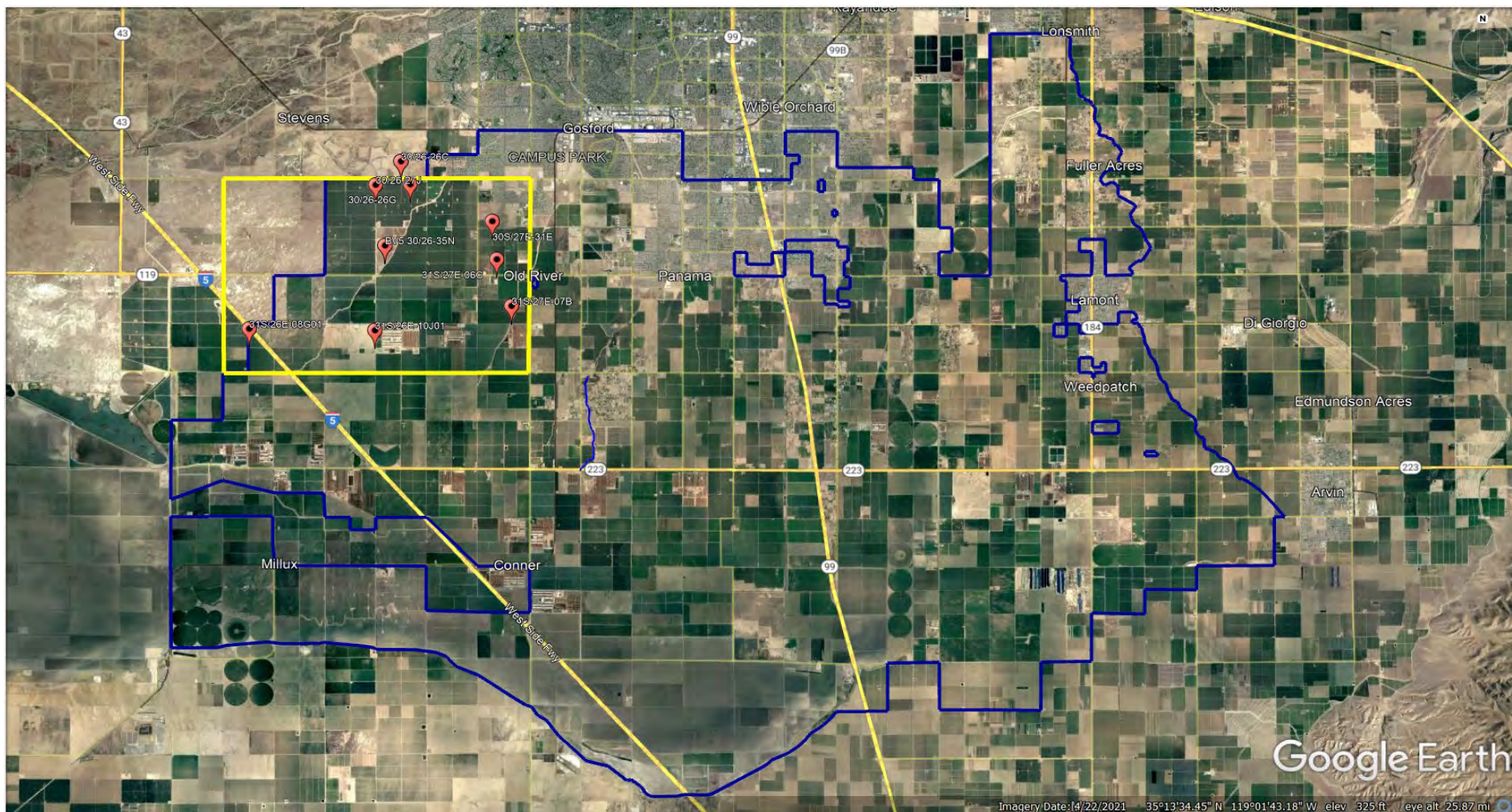


## Monthly Groundwater Report



**MARCH 2022**





2022



Northwest Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/26-26C	190	R	204	L	L	L	L										0	0	
	30/26-26G	197	R	199	L	L	L	L										0	0	
	30/26-27J	198	R	210	L	L	L	L										0	0	
	30/26-35N	181	184	171	169	185	179	187										187	169	180
	30/27-31E	181	202	219	201	224	223	220										224	201	217
	31/26-08G	168	NR	204	205	200	R	200										205	200	202
	31/26-10J	170	202	NR	203	205	200	203										205	200	203
	31/27-06C	NR	208	215	203	215	212	212										215	203	211
	31/27-07B	199	R	200	NR	235	236	235										236	235	235
	AVERAGE	186	199	203	196	211	210	210										211	196	207
Northwest District Average Depth to Water																		210		
Northwest District Maximum Depth to Water																		250		
Northwest District Minimum Depth to Water																		169		

R = running/pumping

NR = temporary no reading

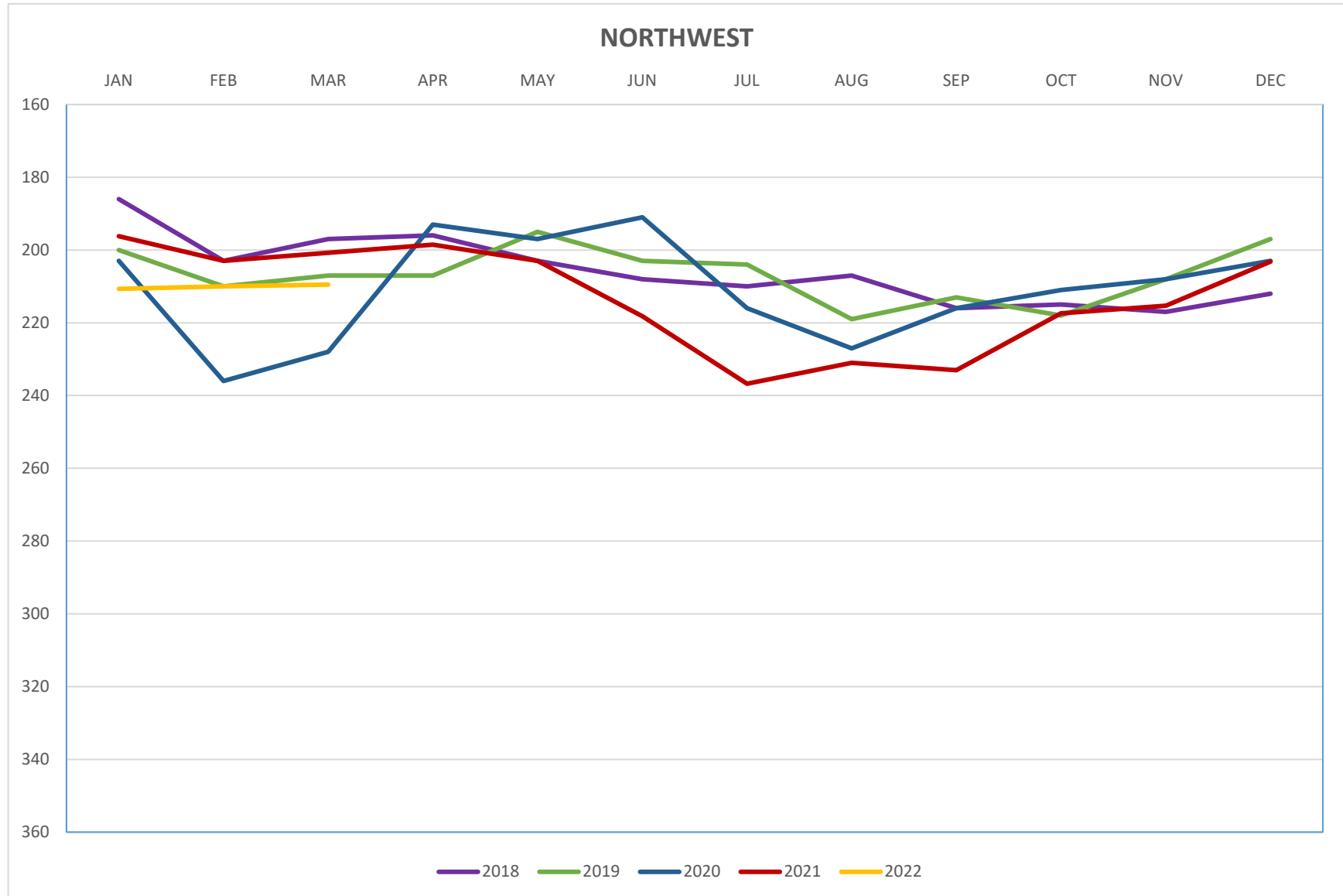
L = gated, letter has been sent requesting access

Orange shading = inactive well

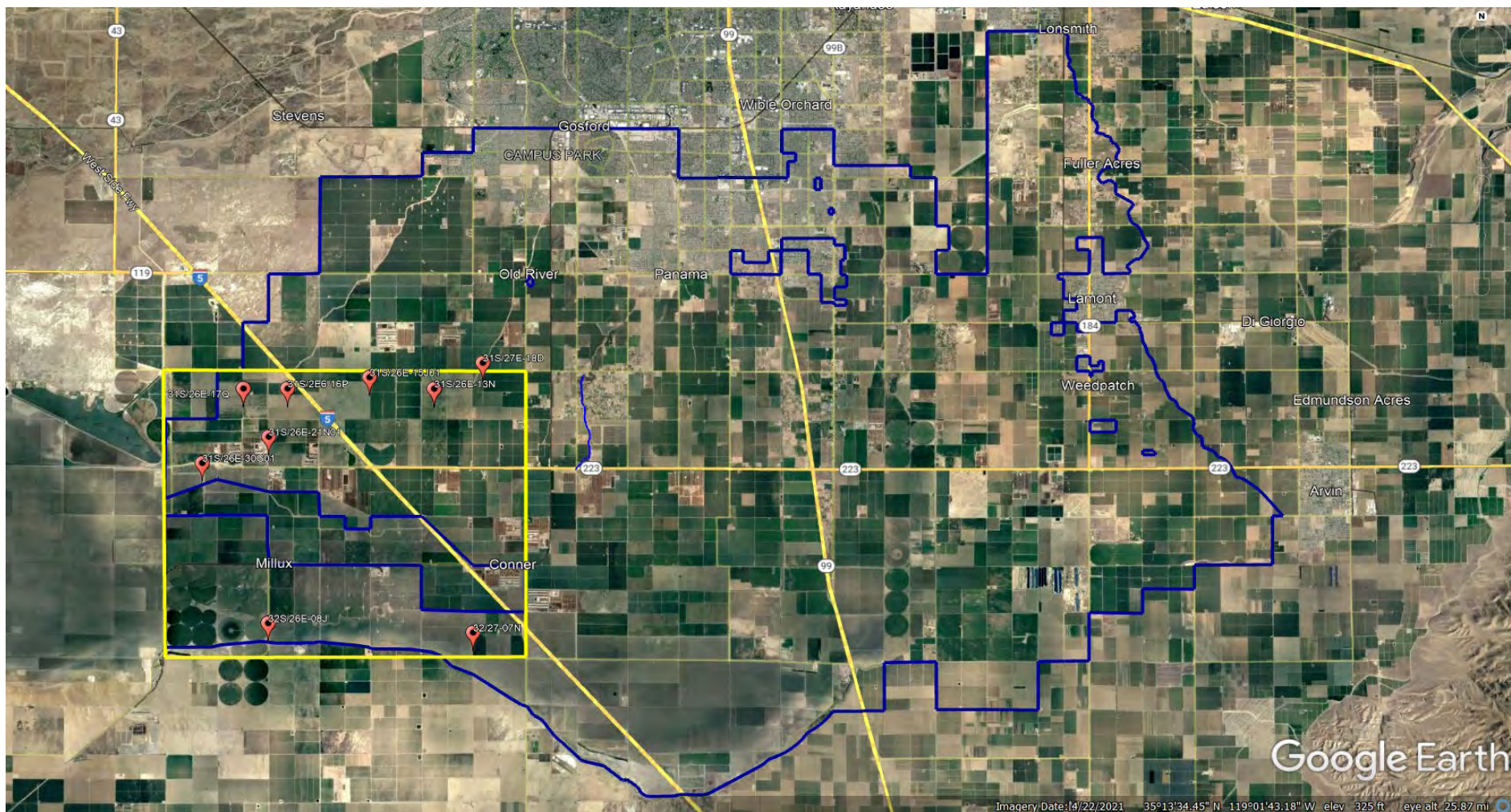
unit of measurement = feet

3/10/2022

2022







2022



Southwest Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	31/26-13N	180	201	NR	NR	206	216	200										216	200	207
	31/26-15J	168	205	NR	201	205	214	200										214	200	205
	31/26-16P	168	207	204	202	200	200	216										216	200	205
	31/26-17Q	NR	210	203	219	202	218	210										219	202	212
	31/26-21N	175	238	204	204	228	217	224										228	204	218
	31/26-30G	159	240	268	203	234	200	230										234	200	217
	31/27-18D01	NR	206	201	203	222	210	221										222	203	214
	32/26-08J	189	215	209	212	200	NR	208										212	200	207
	32/27-07N	NR	200	288	200	201	169	201										201	169	193
	AVERAGE	173	214	225	206	211	206	212										212	206	209
Southwest District Average Depth to Water																		219		
Southwest District Maximum Depth to Water																		295		
Southwest District Minimum Depth to Water																		200		

R = running/pumping

NR = temporary no reading

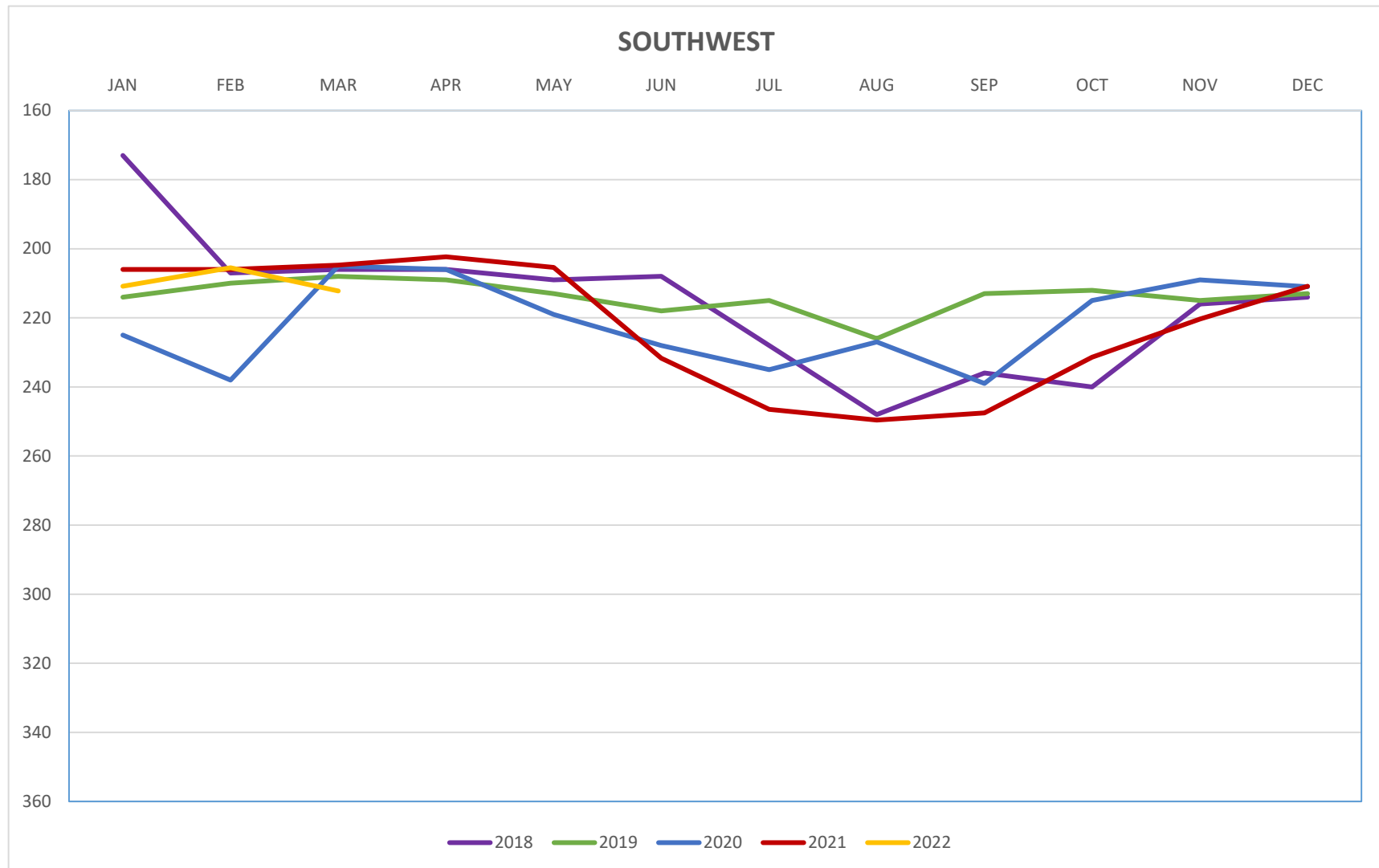
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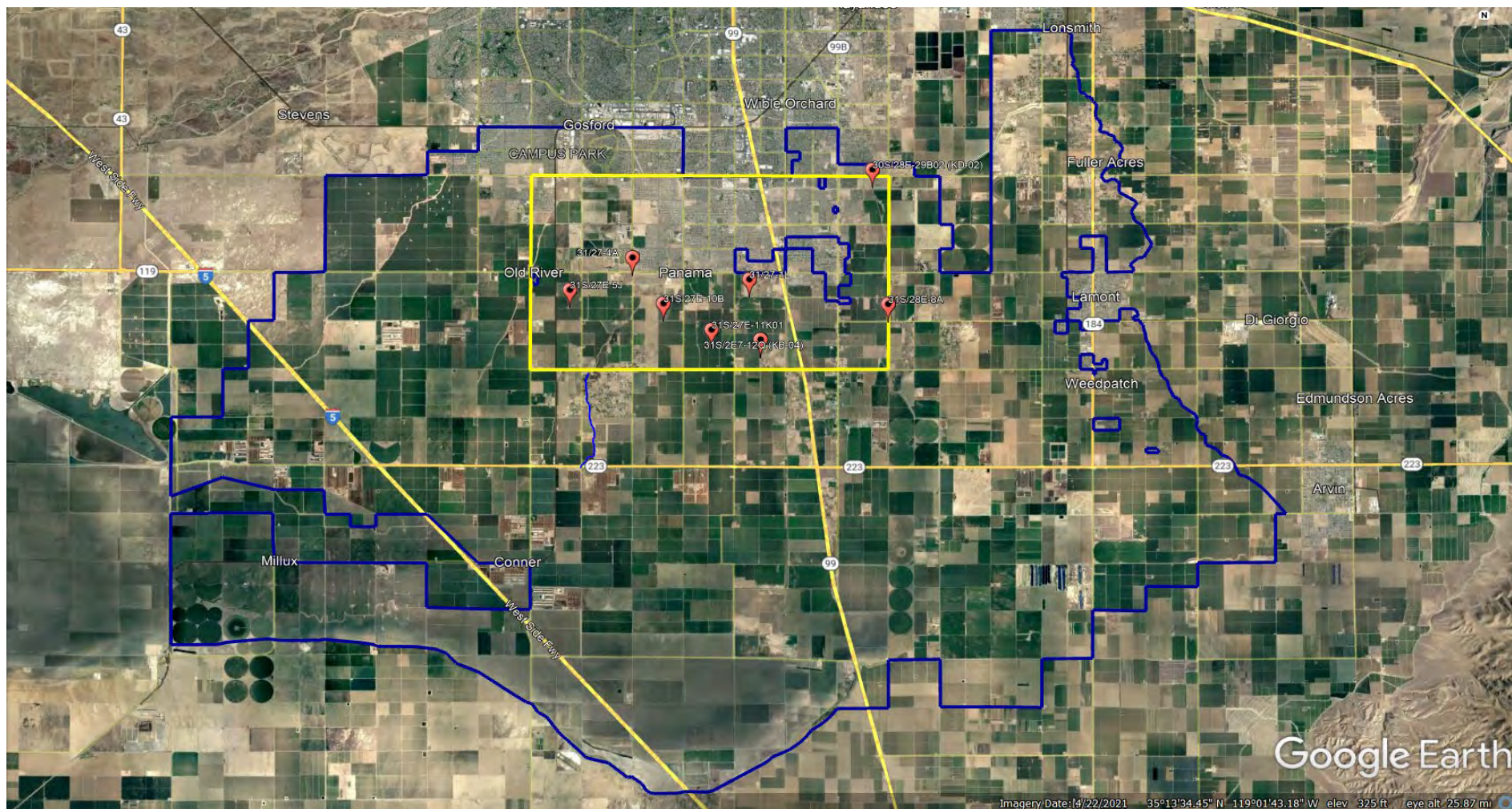
unit of measurement = feet

3/10/2022

2022







2022



North-Central Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/28-29B	236	243	229	225	231	233	230										233	225	230
	31/27-01L	260	220	232	219	170	170	175										219	170	184
	31/27-04A	176	183	184	179	182	180	180										182	179	180
	31/27-05J	200	NR	228	207	230	231	236										236	207	226
	31/27-10B	NR	NR	208	208	210	211	210										211	208	210
	31/27-11K	170	330	227	333	225	234	222										333	222	254
	31/27-12Q	140	140	139	141	174	179	177										179	141	168
	31/28-08A	220	243	244	249	264	235	260										264	235	252
	AVERAGE	200	227	211	220	211	209	211										220	209	213
North-Central District Average Depth to Water																		223		
North-Central District Maximum Depth to Water																		353		
North-Central District Minimum Depth to Water																		140		

R = running/pumping

NR = temporary no reading

L = gated, letter has been sent requesting access

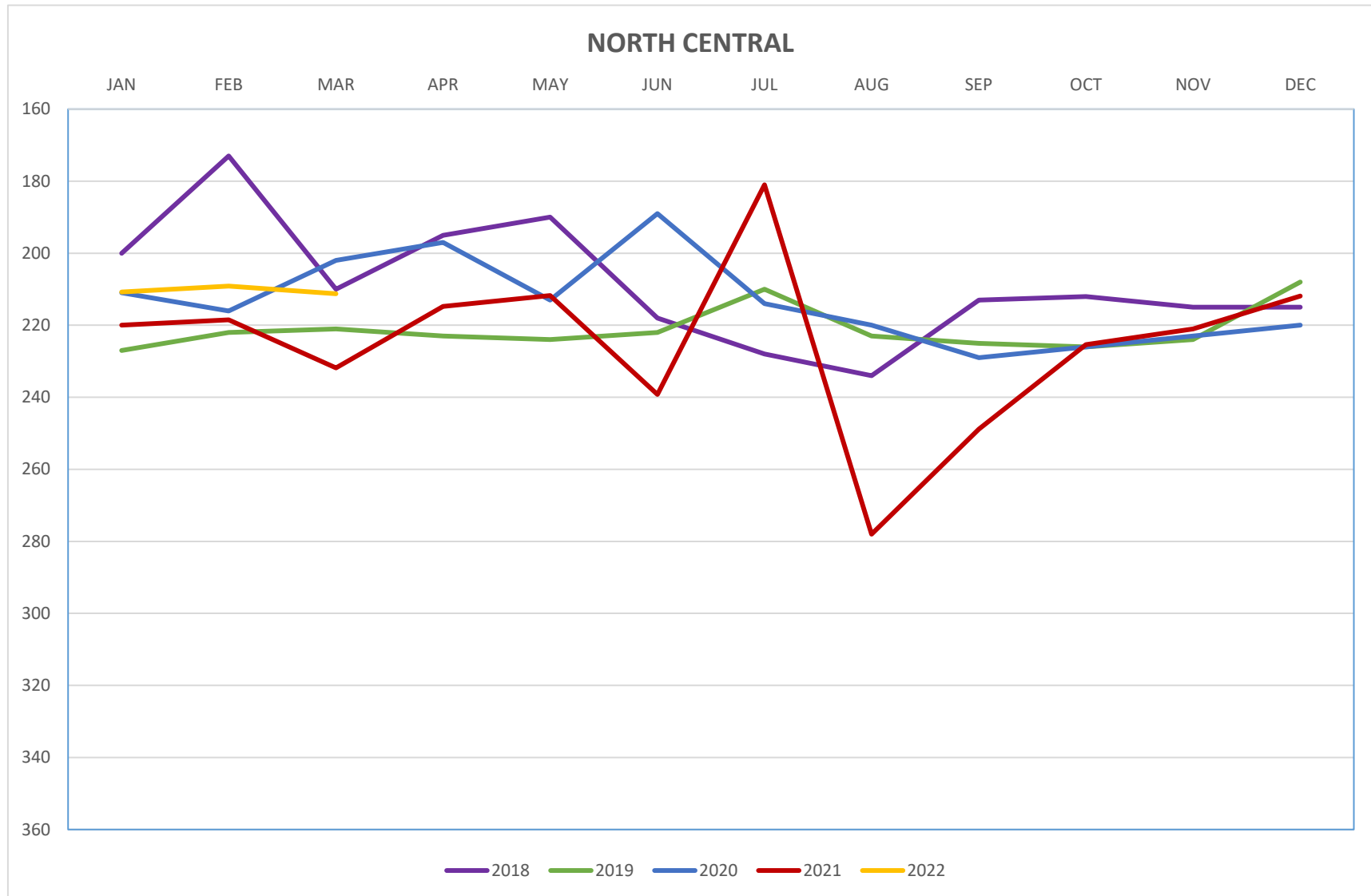
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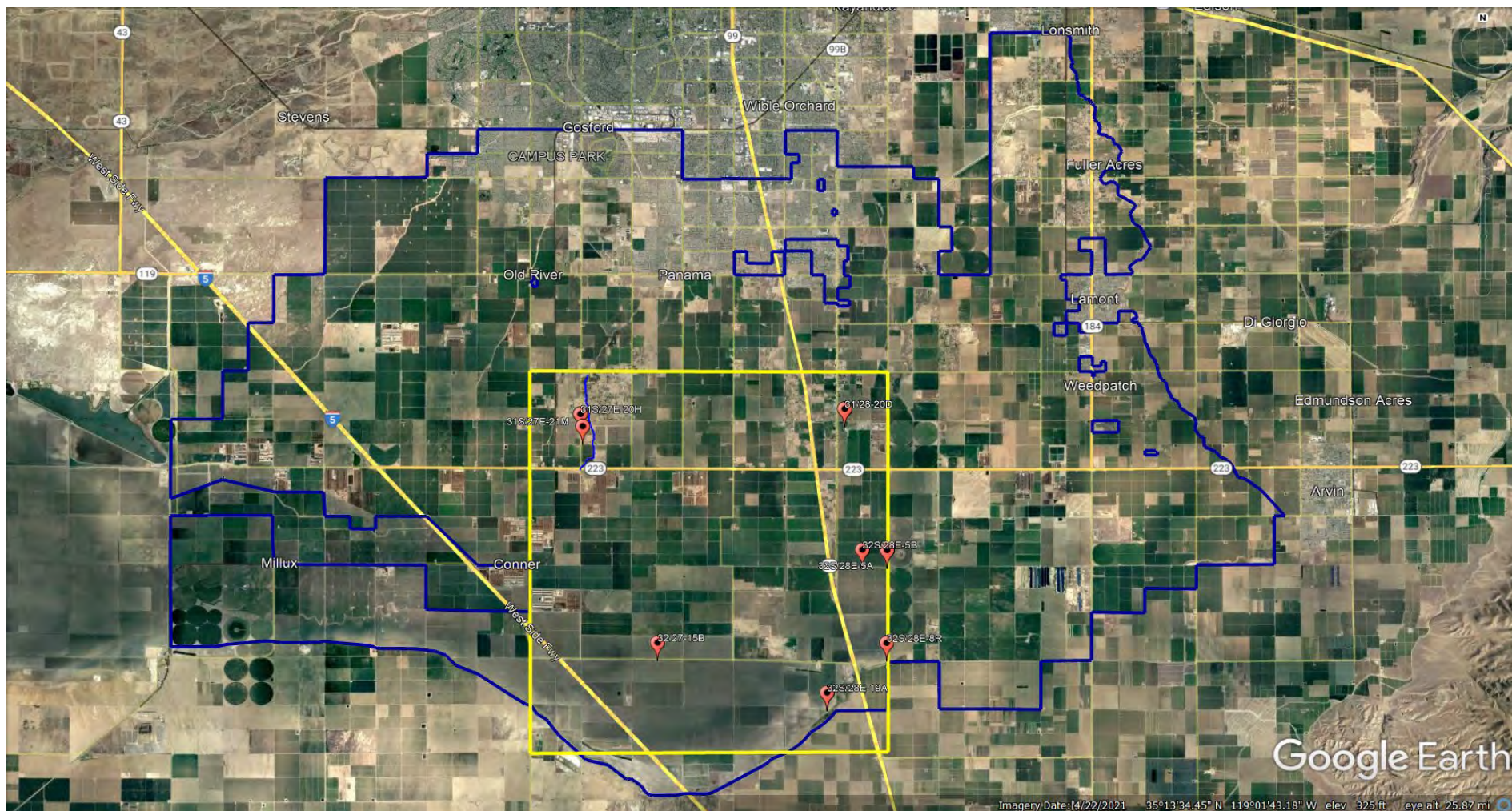
unit of measurement = feet

3/10/2022



2022





2022



South-Central Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	31/27-20H	NR	NR	211	NR	213	215	213										215	213	214
	31/27-21M	160	L	L	NR	220	220	212										220	212	217
	31/28-20D	180	190	201	R	202	200	200										202	200	201
	32/27-15B	196	231	202	200	201	189	202										202	189	198
	32/28-19A	NR	215	222	222	255	222	248										255	222	237
	32/28-05A	NR	250	239	220	214	221	214										221	214	217
	32/28-05B	NR	226	201	205	221	210	209										221	205	211
	32/28-08R	NR	224	253	222	255	253	252										255	222	246
	AVERAGE	179	223	218	214	223	216	219										223	214	218
South-Central District Average Depth to Water																		224		
South-Central District Maximum Depth to Water																		311		
South-Central District Minimum Depth to Water																		184		

R = running/pumping

NR = temporary no reading

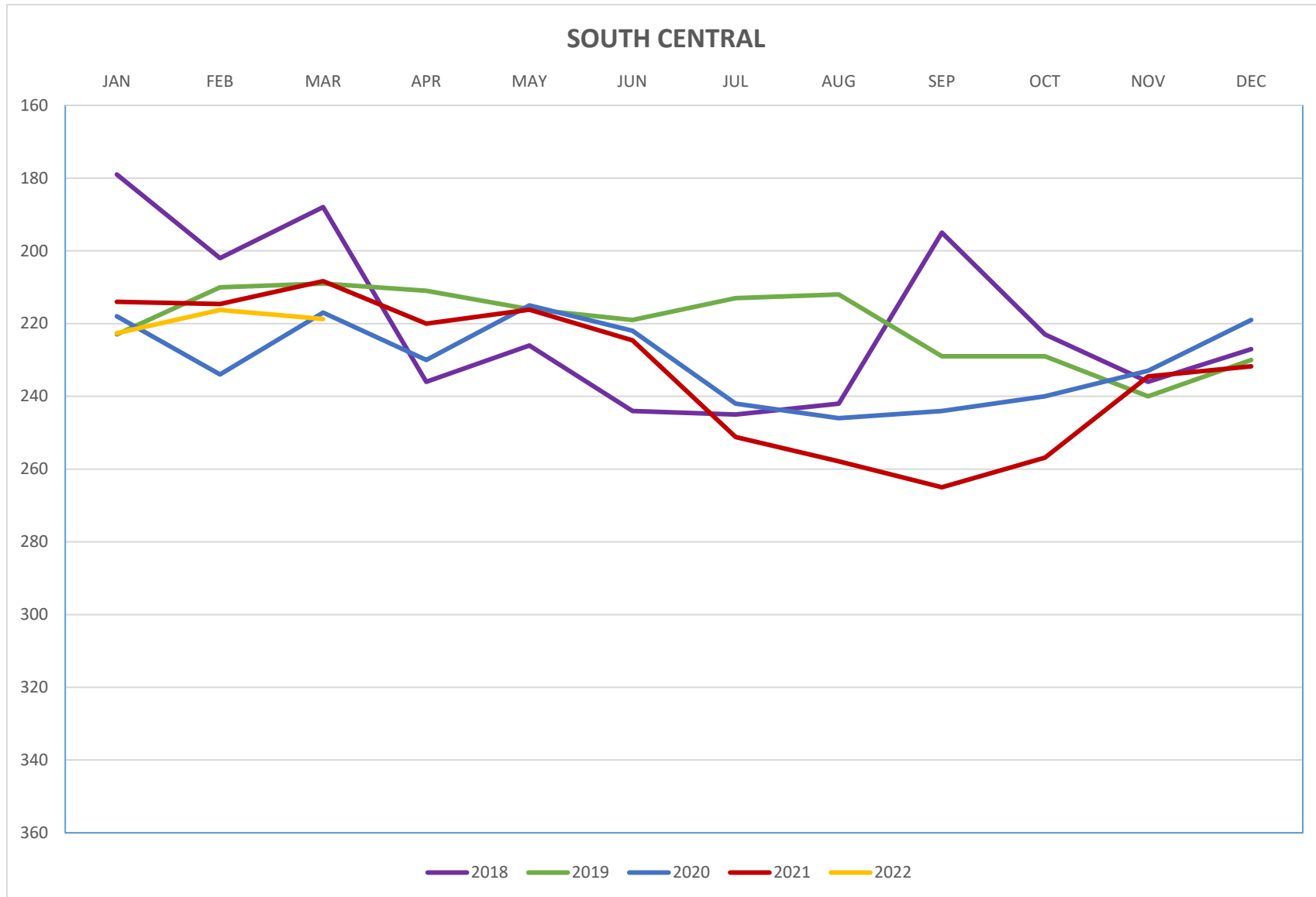
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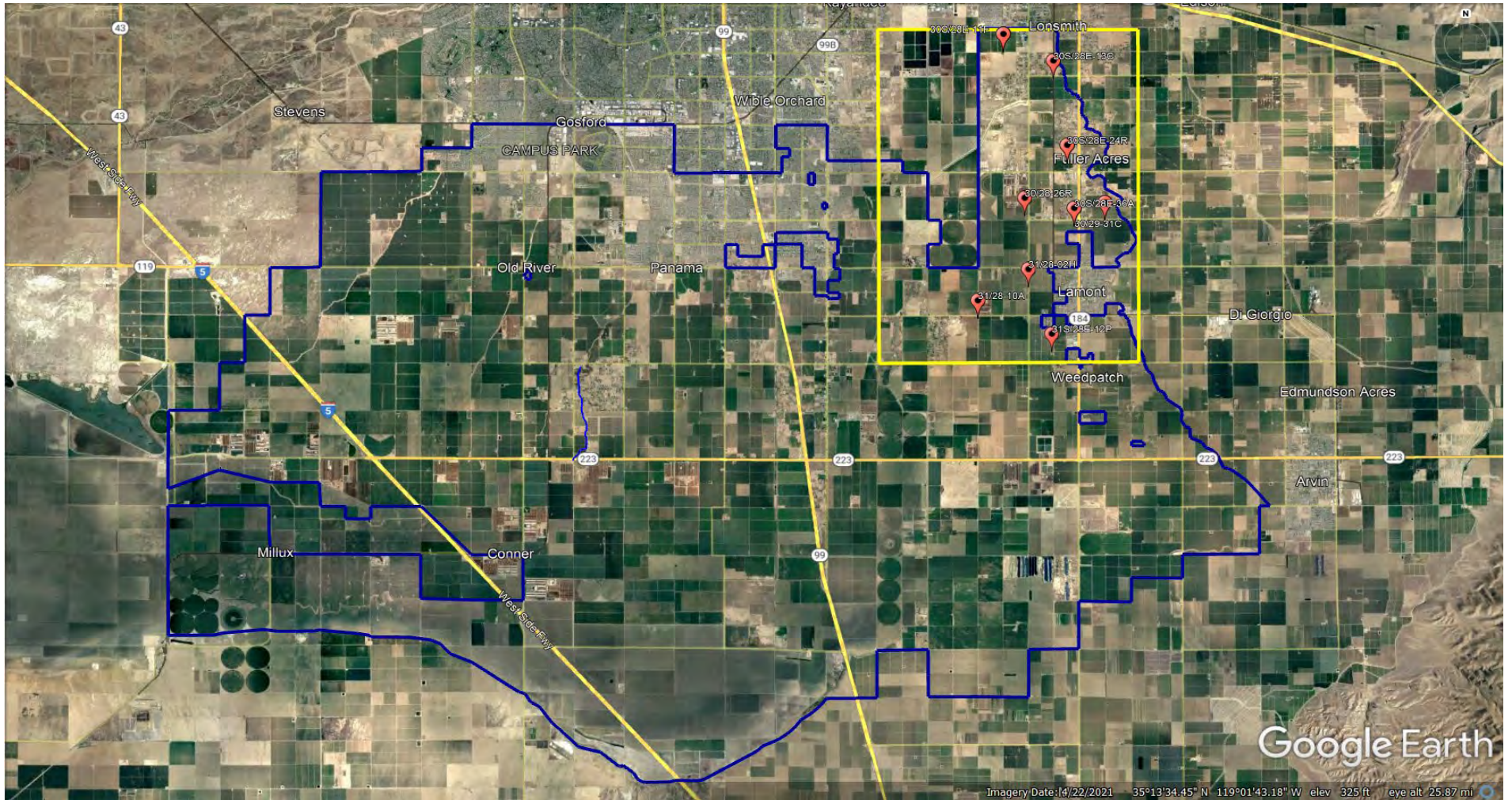
unit of measurement = feet

3/10/2022

2022







2022



Northeast Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/28-11F	248	263	263	264	272	271	279										279	264	272
	30/28-13C	290	R	300	331	320	R	320										331	320	324
	30/28-24R	NR	306	311	309	NR	NR	NR										309	309	309
	30/28-26R	NR	287	NR	NR	NR	NR	320										320	320	320
	30/28-36A			212	NR	NR	NR	326										326	326	326
	30/29-31C	323	327	338	330	344	335	336										344	330	336
	31/28-02H	288	291	290	295	326	302	299										326	295	306
	31/28-10A	249	253	253	258	265	266	268										268	258	264
	31/28-12P	222	286	284	NR	NR	R	297										297	297	297
	AVERAGE	270	288	281	298	305	294	306										306	294	301
Northeast District Average Depth to Water																		298		
Northeast District Maximum Depth to Water																		370		
Northeast District Minimum Depth to Water																		230		

R = running/pumping

NR = temporary no reading

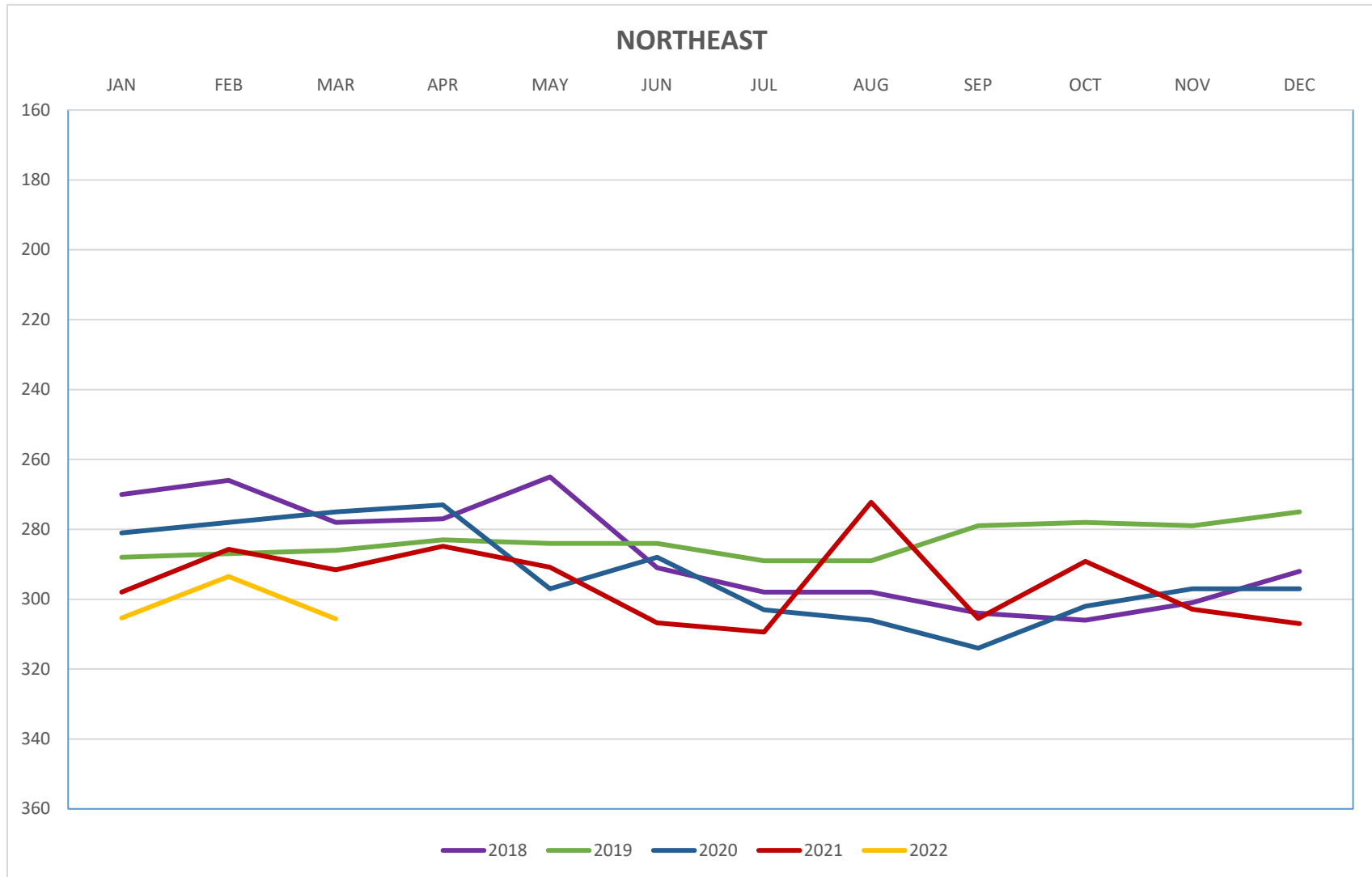
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Orange shading = inactive well

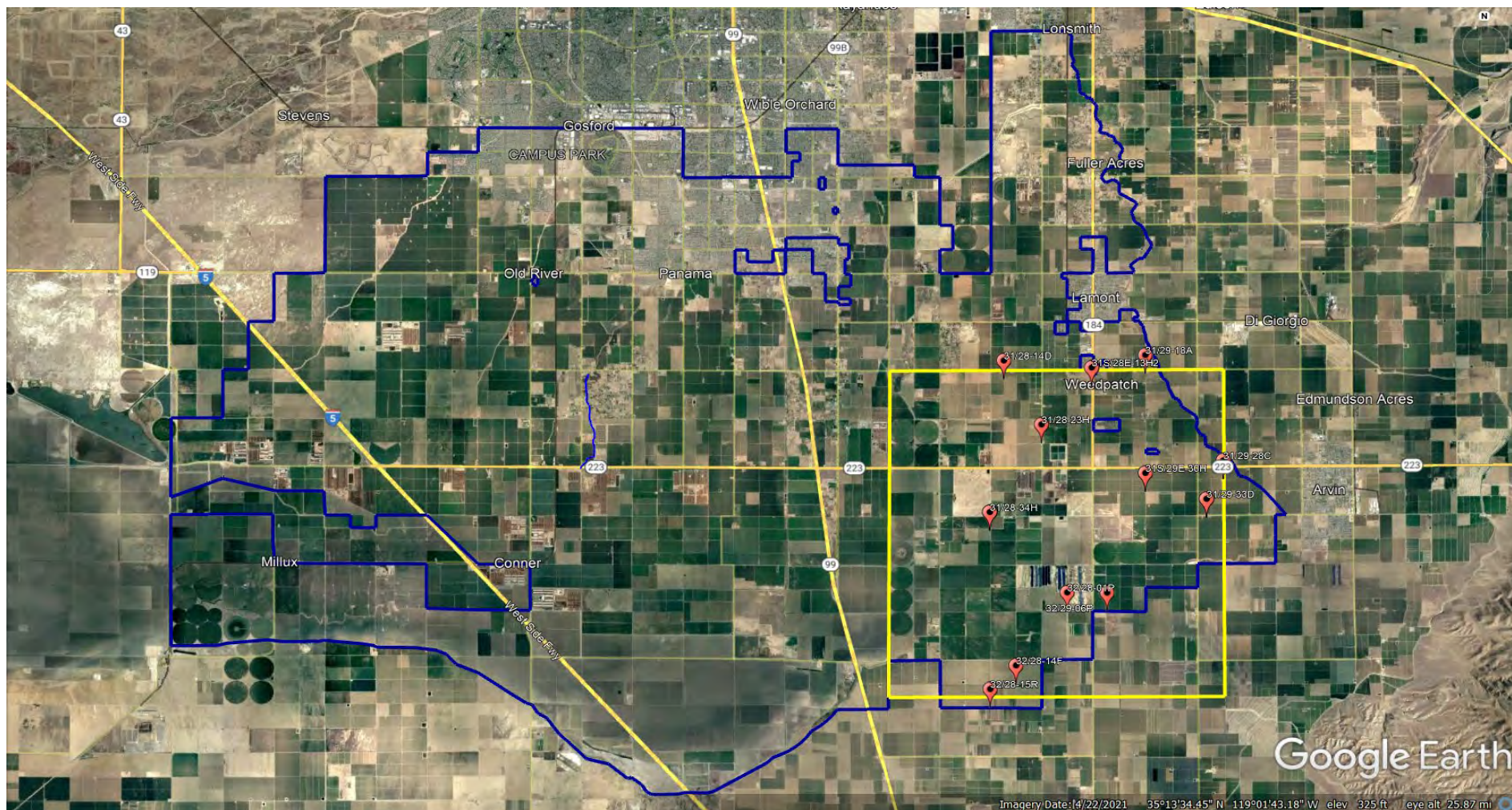
unit of measurement = feet

3/10/2022

2022









2022



		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
Southeast Quadrant	31/28-13H2		NR	NR	NR	290	290	295										295	290	292
	31/28-14D	233	239	230	235	247	232	252										252	232	242
	31/28-23H	278	290	286	275	276	330	306										330	275	297
	31/28-34H	NR	337	206	204	203	224	205										224	203	209
	31/29-18A	234	335	333	241	349	348	349										349	241	322
	31/29-28C	219	347	344	NR	NR	R	R										0	0	####
	31/29-30H	NR	NR	NR	331	353	331	NR										353	331	338
	31/29-33D	294	342	250	338	239	340	340										340	239	314
	32/28-14F	NR	NR	222	241	NR	225	226										241	225	231
	32/28-15R	300	263	272	291	314	314	305										314	291	306
	32/28-01P	NR	NR	NR	NR	207	196	204										207	196	202
	32/29-06P	NR	183	177	208	NR	NR	199										208	199	204
	AVERAGE	260	292	258	263	275	283	268										283	263	272
	Southeast District Average Depth to Water																	278		
	Southeast District Maximum Depth to Water																	360		
	Southeast District Minimum Depth to Water																	189		

R = running/pumping

NR = temporary no reading

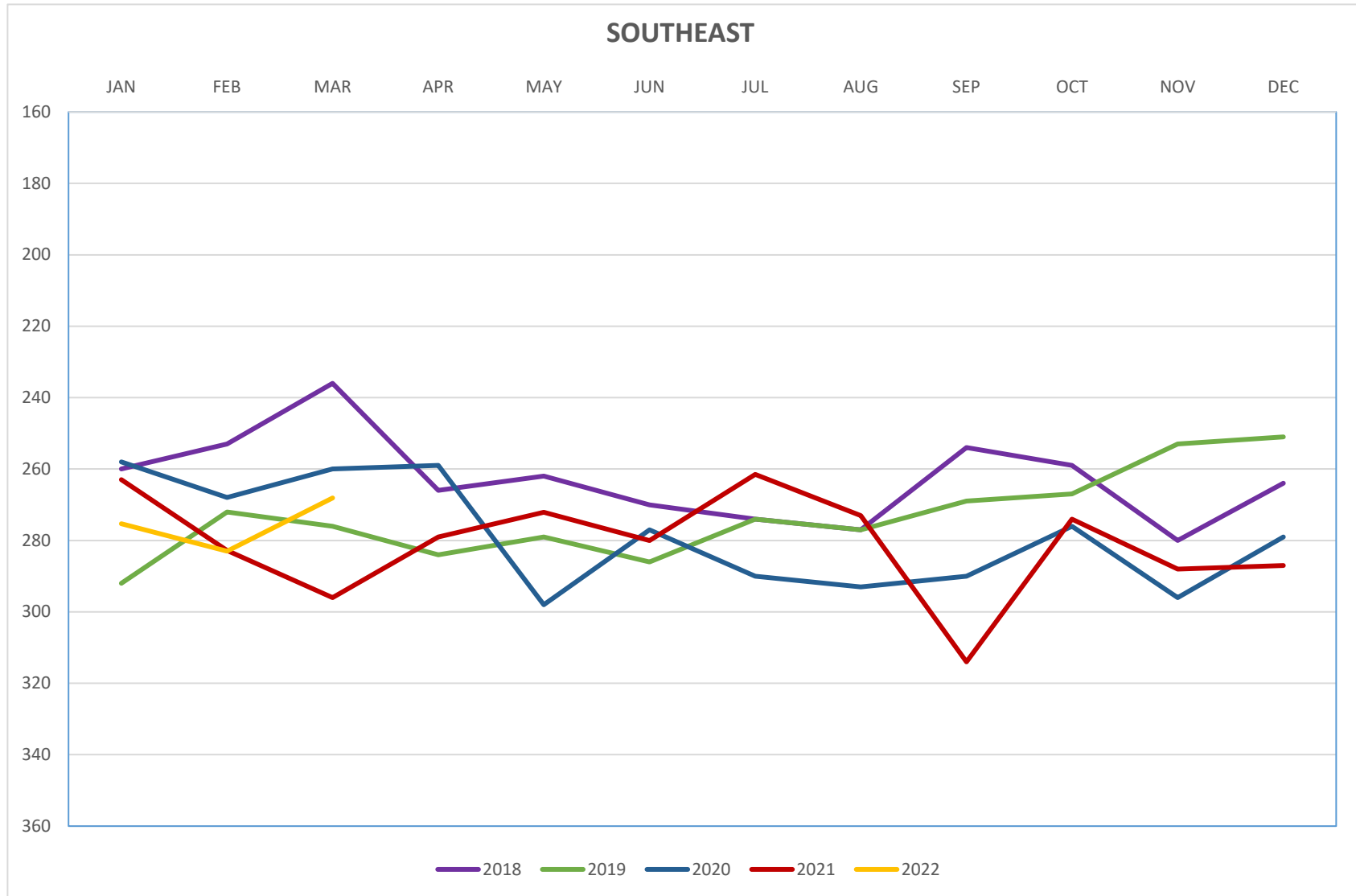
L = gated, letter has been sent requesting access

Orange shading = inactive well

unit of measurement = feet

3/10/2022

2022



# Tab VI





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: March 15, 2022

**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 February 24, 2022.
- Next meeting will be March 24, 2022.
- Authorization to use teleconferencing for meetings.
- Current allocation for SWP – 15%.
- Delta Conveyance project timeline (attached).
- Summary of groundwater and overdraft correction accounts (attached).
- Approval of Kern Delta TRF – MET return via Arvin Edison (attached).

Kern Fan Authority:

- The KFA did not meet in February.
- 2022 Water Supply Review.
- Review of KCWA Board agenda.
- Local SGMA activities.
- Other activities (IRWMP/CVSALTS).

Kern River Groundwater Sustainability Agency (KRGSA):

- The KRGSA met March 3, 2022 (agenda attached)
- DWR GSP Determination Letter - Update.
- Basin SGMA Implementation Grant Update (Basin Study/Land IQ/Subsidence Monitoring/Monitoring Network Improvements).
- Approval of 90-day Notice to Amend GSP to City and County.
- 3<sup>rd</sup> Subbasin Annual Report – April 2022.

Kern Groundwater Authority (KGA):

- The KGA met February 23, 2022 (agenda attached).
- Authorization to use teleconferencing for meetings.
- Approval of 90-day Notice to Amend GSP.
- 3<sup>rd</sup> Subbasin Annual Report – April 2022.
- Bains Study/SGMA Implementation Grant update.

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

- The KRWCA met March 3, 2022 (agenda attached).
- 2022 Membership update (712 members 519,000 acres).
- Nitrate Control Program – Management Zone(s) development.
- Appointment of 3 KRWCA members to Kern Water Collaborative Board.
- On Farm Drinking Water Well reports due Dec. 31, 2022 (BC Labs removed / BSK Labs added).
- CV-SALTS discussion.

South Valley Water Resources Authority:

- The SVWRA met February 24, 2022.
- Pilot project continued discussion (potential grant funding/environmental review/potential addition of new partners).
- Fish Friendly Diversion Project (Presentation to Kern Delta Board April 5, 2022).

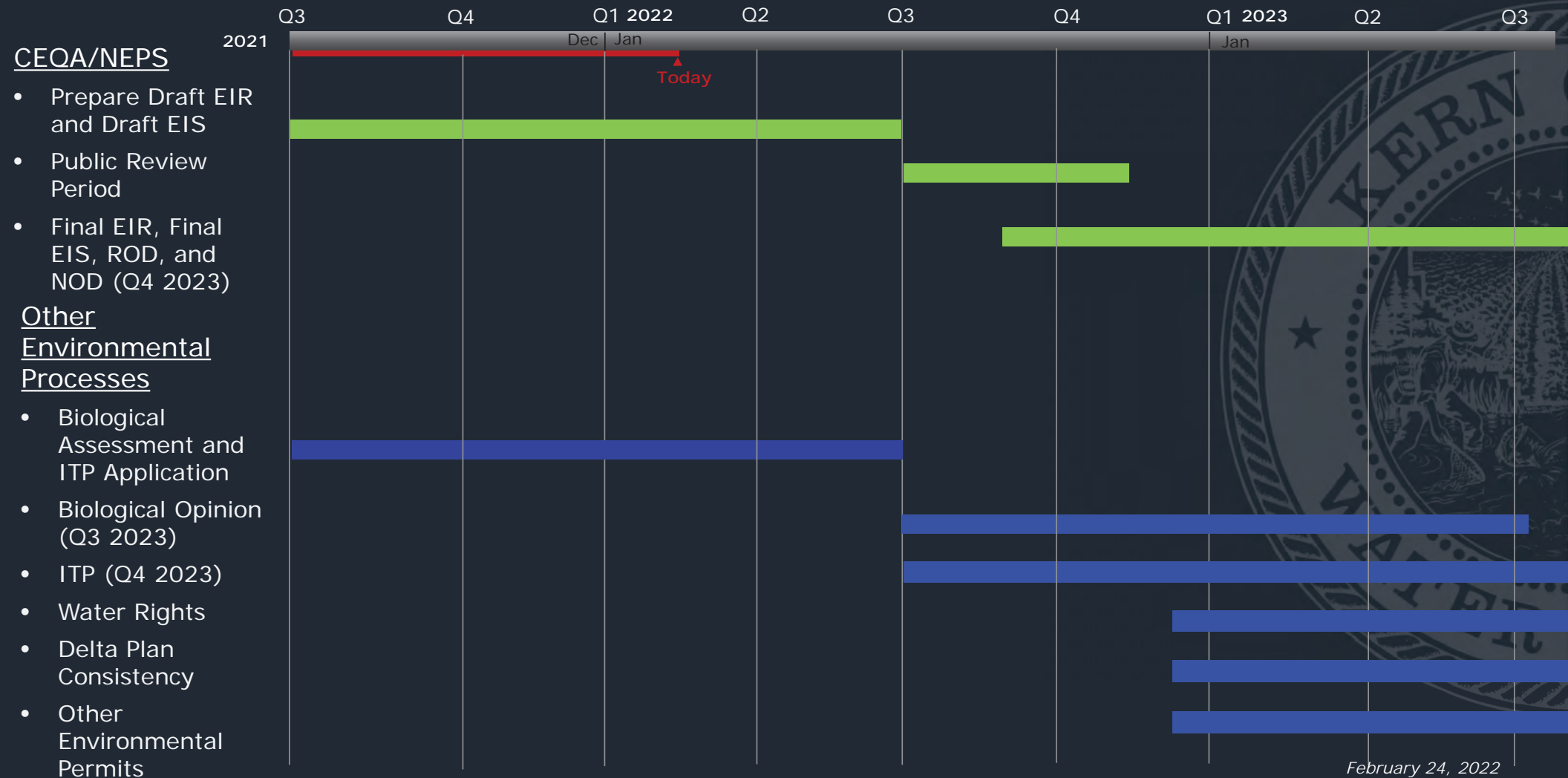
Integrated Regional Water Management Plan:

- Meeting held January 31, 2022.
- Organization of Executive Committee Members.
- Extension of agreement for Kern IRWM group.
- Upcoming grant programs discussed.

Water Association of Kern County (WAKC):

- The WAKC met February 23, 2022.
- Continued Water Education Campaign.
- Water Summit – May 19, 2022.
- Membership review.

# Delta Conveyance Planning and Permitting Timeline



**Kern County Water Agency  
Estimated Summary of Overdraft Correction Accounts  
As of January 31, 2022**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2021	Estimated Balance as of January 31, 2022				
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank <sup>[1]</sup> Total
Buena Vista WSD	46,247	39,246	0	39,246	0	46,247
Henry Miller WD	65,209	42,526	375	42,901	2,584	65,209
Kern County Water Agency	55,030	35,356	7,121	42,477	0	55,030
Kern Delta WD	80,079	57,032	409	57,441	1,508	80,079
Rosedale-Rio Bravo WSD	214,829	158,627	4,190	162,817	2,725	214,829
<b>Total</b>	<b>461,394</b>	<b>332,787</b>	<b>12,095</b>	<b>344,882</b>	<b>6,817</b>	<b>461,394</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 January 31, 2022**

**Preliminary - Subject to Revision**

Quantities in acre-feet

District	Estimated Balance as of December 31, 2021	Estimated Balance as of January 31, 2022					
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank	Total
Belridge WSD	76,542	64,134	6,946	71,080	4,172	0	75,252
Berrenda Mesa WD	81,312	58,500	4,338	62,838	16,623	0	79,461
Buena Vista WSD	37,703	31,064	1,939	33,003	0	4,700	37,703
Cawelo WD	0	0	0	0	0	0	0
Dudley Ridge WD	39,837	0	0	0	0	38,420	38,420
Henry Miller WD	5,365	5,365	0	5,365	0	0	5,365
Improvement District No. 4	208,984	40,164	11,315	51,479	0	154,904	206,383
Kern County Water Agency	191,091	108,062	61,572	169,634	3,499	17,958	191,091
Kern Delta WD	23,285	23,285	0	23,285	0	0	23,285
Lost Hills WD	80,661	48,958	23,933	72,891	6,496	0	79,387
Rosedale-Rio Bravo WSD	37,391	37,391	0	37,391	0	0	37,391
Semitropic WSD	228,473	27,448	42	27,490	0	199,368	226,858
Tehachapi-Cummings CWD	5,820	0	0	0	0	5,820	5,820
Tejon-Castac WD	56,189	2,193	1,247	3,440	0	52,411	55,851
Westside Mutual Water Co.	329,358	0	0	0	0	320,601	320,601
Wheeler Ridge-Maricopa WSD	148,668	8,232	13,412	21,644	8,372	112,763	142,779
<b>Total</b>	<b>1,550,679</b>	<b>454,796</b>	<b>124,744</b>	<b>579,540</b>	<b>39,162</b>	<b>906,945</b>	<b>1,525,647</b>



# DRAFT



## MEMORANDUM

20.2.1

TO: Water Resources Committee  
Agenda Item No. 4b

FROM: Monica Tennant

DATE: February 24, 2022

SUBJECT: Update on Water Transfers, Exchanges and Purchases

### **Issue:**

Update on water transfers, exchanges and purchases approved by the Water Resources Manager since the last Kern County Water Agency Board of Directors meeting.

### **Recommended Motion:**

None – information only.

### **Discussion:**

On December 15, 2021, the Kern County Water Agency (Agency) Board of Directors (Board) authorized the Water Resources Manager to approve and enter into contracts providing for the transfer, exchange and purchase of State Water Project (SWP) water, Central Valley Project (CVP) water and other water through December 31, 2022, on behalf of Member Units and the Agency, and to expend up to \$300,000 from the Supplemental Water Fund to fund such purchases.

Summarized below, and in Attachment 1, are those activities that have been approved by the Water Resources Manager in 2022 pursuant to the Board authorization described above since the last Agency Board meeting, or previously approved as a long-term program. Attachment 2 provides a summary of those activities in 2022 that have been approved by the Water Resources Manager or the Board, any pending requests and any previously approved requests since the last Agency Board meeting.

- **Tejon-Castac Water District/Wheeler Ridge-Maricopa Water Storage District – Transfer (4,000 Acre-Feet):**  
Tejon-Castac Water District (WD) requested approval to transfer up to 4,000 acre-feet (af) of its 2022 Nickel Kern River water to Wheeler Ridge-Maricopa Water Storage District (WSD).
- **Berrenda Mesa WD/Wheeler Ridge-Maricopa WSD – Transfer (250 af):**  
Berrenda Mesa WD requested approval to transfer up to 250 af of its 2022 SWP Table 1 water to Wheeler Ridge-Maricopa WSD on behalf of common landowner Homer.

- **Semitropic WSD/Berrenda Mesa WD – Transfer (954 af):**  
Semitropic WSD requested approval to transfer up to 954 af of previously banked SWP Table 1 water to Berrenda Mesa WD on behalf of its banking partner Homer.
- **Kern Delta WD/Metropolitan WD – Transfer (8,000 af):**  
Kern Delta WD requested approval to transfer up to 8,000 af of previously banked SWP Table A water by exchange of Kern River water for delivery to Metropolitan WD pursuant to their long-term program.
- **Semitropic WSD/Westlands WD – Transfer (20,000 af):**  
Semitropic WSD requested approval to transfer up to 20,000 af of previously banked CVP water to Westlands WD on behalf of its banking partner Poso Creek.
- **Semitropic WSD/Westlands WD – Transfer (730 af):**  
Semitropic WSD requested approval to transfer up to 730 af of previously banked CVP water to Westlands WD on behalf of its banking partner Harris Ranch.
- **Cawelo WD/Zone 7 – Transfer (10,000 af):**  
Cawelo WD requested approval to transfer up to 10,000 af of previously banked SWP Table A water to Zone 7 pursuant to their long-term program.
- **Rosedale-Rio Bravo WSD/Metropolitan WD (Irvine Ranch WD) – Transfer (298 af):**  
Rosedale-Rio Bravo WSD requested approval to transfer up to 298 af of previously banked SWP Table A water to Metropolitan WD on behalf of Irvine Ranch WD pursuant to their long-term program.
- **Rosedale-Rio Bravo WSD/Metropolitan WD (Irvine Ranch WD) – Transfer (3,371 af):**  
Rosedale-Rio Bravo WSD requested approval to transfer up to 3,371 af of previously banked SWP Table A water to Metropolitan WD on behalf of Irvine Ranch WD pursuant to their long-term program.
- **Rosedale-Rio Bravo WSD/Metropolitan WD (Irvine Ranch WD) – Transfer (258 af):**  
Rosedale-Rio Bravo WSD requested approval to transfer up to 258 af of previously banked SWP Table A water to Metropolitan WD on behalf of Irvine Ranch WD pursuant to their long-term program.



Board Members:  
Rodney Palla, Chair  
Gene Lundquist  
Bruce Freeman

## **KERN RIVER GSA REGULAR MEETING**

Thursday, March 3, 2022  
10:00 a.m.

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

### **AGENDA**

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **APPROVAL OF MINUTES** of the February 3, 2022, Regular Meeting
5. **NEW BUSINESS**
  - A. Correspondence Received (City Clerk, Chianello)
  - B. Finance Updates (McKeegan)
    - i. Receive and File Financial Report
    - ii. Grant Reimbursement Distribution
  - C. Management Group Updates (Beard, Chianello, Teglia)
    - i. DWR GSP Review – Determination Letter
      - a. 90-Day Notice Authorization
      - b. KRGSA Work Plan and Budget to Respond to DWR's Determination Letter
    - ii. Basin Coordination Committee Updates
      - a. SGMA Implementation Grant Round 1
        1. Basin Study
        2. Land IQ ET Analysis
        3. Subsidence Monitoring Stations
        4. Monitoring Well Network Improvements
      - b. 3<sup>rd</sup> GSP Annual Report – April 2022
        1. Update and Status
6. **COMMITTEE COMMENTS**
7. **ADJOURNMENT**

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# KERN GROUNDWATER AUTHORITY

## Regular Meeting of Board of Directors

February 23, 2022 8:00 a.m.

**NOTICE: Pursuant to the Governor's Executive Order N-29-20 this meeting will be conducted by teleconference. 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/93959618583?pwd=OVZQNmsybmVFSiVwdVBWUEVmV3ZmZz09>**

**Meeting ID: 939-5961-8583**

**Passcode: 310366**

**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. Consider adoption of Resolution No. 2022-003 – Authorizing AB 361 Teleconference Meeting**

**3. Flag Salute**

**4. 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.

**5. Approval of Minutes**

**a. January Regular Board Meeting Minutes\***

**6. Treasurer's Report**

**a. Financial Report & Accounts Payable (Approve) – January\***

**7. Attorneys Report**

**a. CA Water Commission – Comment Letter on Groundwater Trading White Paper\***

**b. Discussion & Approval on the Notice to Amend the GSA letters to be sent\***

**c. Planning and Conservation League – Report on Updating CA Water Laws**

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## **8. Executive Director Report**

- a.** Discussion on DWR determination letter - Incomplete
- b.** Update on Spending Grant due on February 28<sup>th</sup>
- c.** Update on annual report due on April 1<sup>st</sup>
- d.** 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)(1)(one matter)
- b.** Employee Performance Evaluation – Title: Executive Director (Government Code Section 54957)

## **12. Adjournment**

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



**BOARD OF DIRECTORS MEETING**

Date: Thursday, March 3, 2022  
Time: 1:00 P.M.  
Location: Rosedale-Rio Bravo WSD, 849 Allen Road, Bakersfield, CA 93314

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**A G E N D A**

1. CALL TO ORDER
2. ANNOUNCEMENT OF QUORUM
3. INTRODUCTIONS
4. PUBLIC COMMENT
5. APPROVAL of 1/6/2022 Board Meeting Minutes\*
6. TREASURER/FINANCIAL REPORT
  - a. February 2022 and March 2022 Accounts Payable/Receivable Ratification and Approval\*
7. KRWCA MANAGER REPORT/ILRP PROGRAM UPDATE
  - a. Administrative:
    - i. Form 700, Statement of Economic Interests, Due April 1.
  - b. Grower Outreach and Reporting:
    - i. 2022 Winter Outreach & Education Meetings
    - ii. 2021 Membership Reporting Update
  - c. Regional Water Board:
    - i. REMINDER: 2021 On-Farm Drinking Water Wells: Wells are required to be tested by December 31, of each year. Be sure to provide lab with Drinking Water Well Program Required Forms. Note: BC Labs is no longer an approved lab for the program.
8. NITRATE CONTROL PROGRAM MANAGEMENT ZONE/S DEVELOPMENT
  - a. Kern Water Collaborative (KWC) Update
  - b. **Three (3) KRWCA Appointments to the KWC Board\***
9. REPORT OF PROVOST & PRITCHARD CONSULTING GROUP
  - a. MPEP Update: Ryan Dodd
  - b. Groundwater Protection Targets (GWPT): Ryan Dodd
  - c. MPIR Phase 2: Ryan Dodd

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Posted pursuant to Government Code § 54954.2(a) at least 72 hours prior to said meeting.

By: Nicole M. Bell Date: February 28, 2022  
Per Govt. Code § 54953.2 and § 54961, requests for a disability-related modification or accommodation, including auxiliary aids or services, to attend or participate in this meeting should be made to Nicole Bell (phone 661-616-6500) in advance of the meeting to ensure availability of the requested service or accommodation.



10. CV-SALTS <http://www.cvsalinity.org>

Manager Bell and Land IQ represent KRWCA at the Monthly CV-SALTS Meetings. Links to the monthly Meeting Package and Summary Report as well as general information related to CVSALTS is provided below and on our website.

- a. [CV-SALTS Meeting Package, January 13, 2022 Meeting](#)
- b. [Land IQ Summary Report for January 13, 2022 Meeting](#)
- c. [CV-SALTS Meeting Package, February 10, 2022 Meeting](#)
- d. [Land IQ Summary Report for February 10, 2022 Meeting](#)
- e. [CV-SALTS Brochure](#)
- f. [CV-SALTS Brochure: New Water Quality Regulations Provide Options for Flexibility](#)
- g. [Prioritization and Optimization Study \(P&O\) Overview](#)

11. OLD OR NEW BUSINESS

12. ATTORNEYS REPORT

13. CLOSED SESSION

- a. Conference with Legal Counsel - Pending Litigation - Government Code Section 54956.9(d)(1)
  - i. Petitions filed by the Kern River Watershed Coalition Authority, et al. with the State Water Resources Control Board (SWRCB) regarding the Tulare Lake Basin General Order.
  - ii. [Environmental Law Foundation v. SWRCB, et al., Sac. County Sup. Ct., Case No. Case No. 34-2018-80002851](#)
  - iii. [Protectores Del Aqua Subterranea v. SWRCB, et al., Sac. County Sup. Ct., Case No. 34-2018-80002852](#)
  - iv. [Monterey Coastkeeper, et al. v. Central Valley Regional Water Quality Control Board, et al., Sac. County Sup. Ct., Case No. 34-2018-80002853](#)
  - v. [Petition for Review by Protectores Del Aqua Subterranea with the SWRCB in Re CVRWQCB Order R5-2019-001 Amending General Orders for Grower Members of a Third-Party Group: Tulare Lake Basin Area R5-2013-0120-06, etc.](#)
- b. Conference with Legal Counsel – Anticipated Litigation/Significant exposure to litigation –
- c. Government Code Section 54956.9(d)(2).
- d. **Real Property Negotiations – Gov't Code § 54956.8\***
  - 1. [Lease Renewal](#)
    - i. Negotiator: Nicole Bell
    - ii. Negotiation with: Lessor(s)
    - iii. Under negotiation: Price and Terms

14. KRWCA MEETING ATTENDANCE HIGHLIGHTS – INFORMATION ITEM

- a. 1/7, Kern Water Collaborative Meeting
- b. 1/11, PEOC Meeting
- c. 1/11, Kern Coalition Grower Meeting #1
- d. 1/12, MZ Leaders Meeting
- e. 1/12, Kern Coalition Grower Meeting #2
- f. 1/13, CVSALTS and CVSC Meetings
- g. 1/19, ILRP Stakeholder Meeting
- h. 1/21, MZ Metrics Leaders Call
- i. 1/28, GWPT Meeting
- j. 2/2, SSJVWQC/MPEP Committee Meeting



- k. 2/7, CVSALTS MZ Meeting
- l. 2/8, PEOC Call
- m. 2/10, CVSALTS and CVSC Meetings
- n. 2/17, CVGMC Meeting
- o. 2/22, SSJV MPIR Phase 2 & CGQMP Meeting
- p. 2/24, MZ Outreach Metrics
- q. 2/24, GWPT Meeting
- r. 2/28, GWPT Meeting
- s. 3/1, Grower Reporting Deadline
- t. 3/2, SSJVWQC/MPEP Committee Meeting

15. NEXT MEETING

The next regular KRWCA Board Meeting is scheduled for 1:00 PM on April 7, 2022.

16. ADJOURN

“\*” Notates and action item (Approval/Ratification)





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: March 15, 2022

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

---

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

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

Kern Fan Recovery Activity:

- As of March 8, 2022, Kern Fan groundwater recovery was approximately 624cfs from 171 wells, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for 2022 recovery information through January 31, 2022.

Pioneer Participant Meeting:

- The Pioneer Project Participant Meeting of March 10, 2022 was canceled.

Kern Fan Monitoring Committee:

- The Kern Fan Monitoring Committee met January 19, 2022.
- Chair: Jon Parker; Vice-Chair: Markus Nygren.
- 2022 budget approved (same as 2021).
- Next meeting scheduled for March 16, 2022.

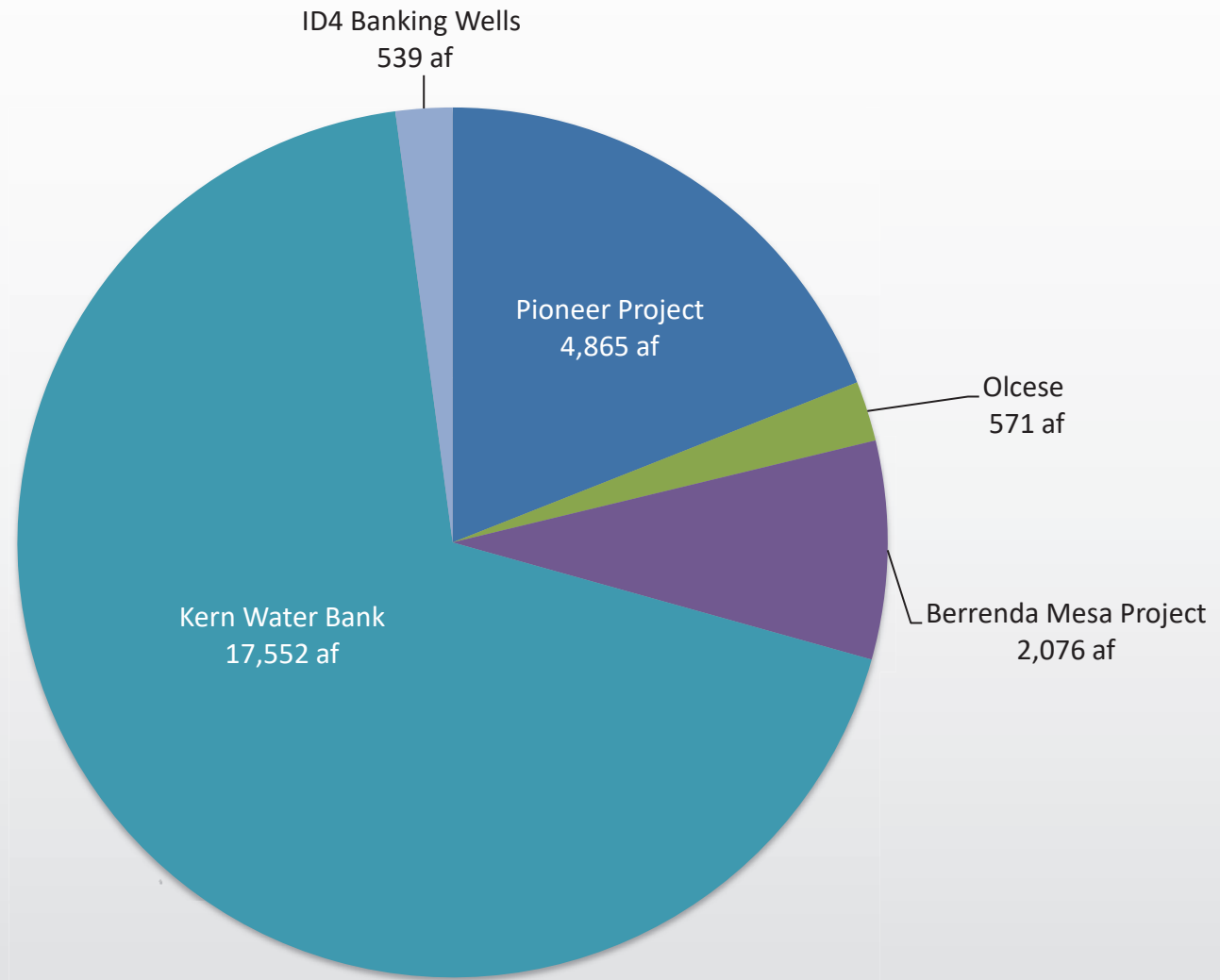
KDWD Water Banking Project:

- MET has provided the District with an official request for the return of regulated water for calendar year 2022. The District has initiated the return of regulated water to MET via several exchanges. This includes exchanges with ID-4 and a three-party exchange with Rosedale Rio Bravo and Arvin Edison.
- District wells are off currently.

Cross Valley Canal Advisory Committee:

- The CVC Advisory Committee meeting of February 23, 2022 was canceled.
- See attached graphs provided by KCWA regarding CVC utilization.

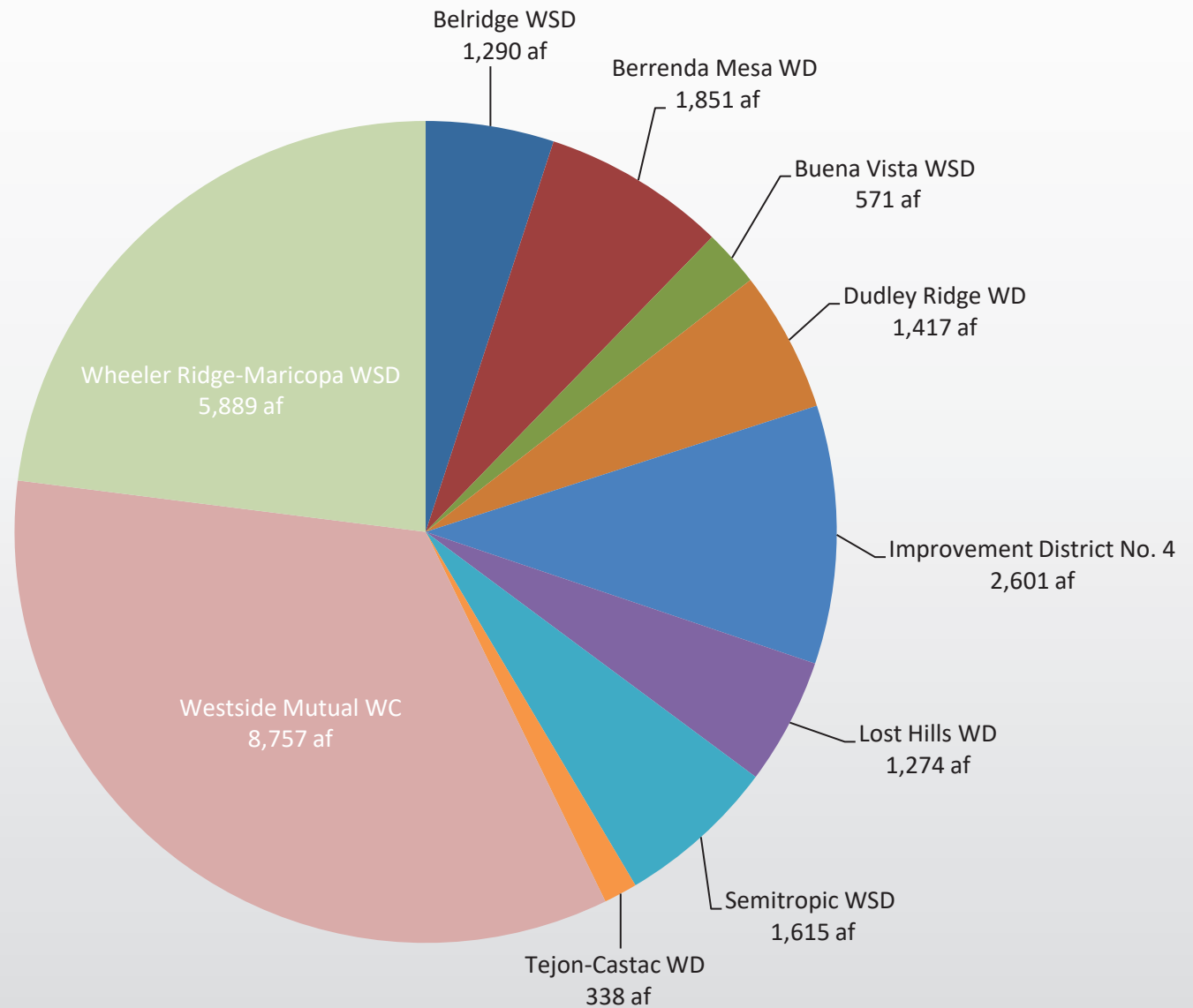
**Kern Fan Banking Projects  
2022 Estimated Gross Recovery by Project  
Through January 31, 2022**



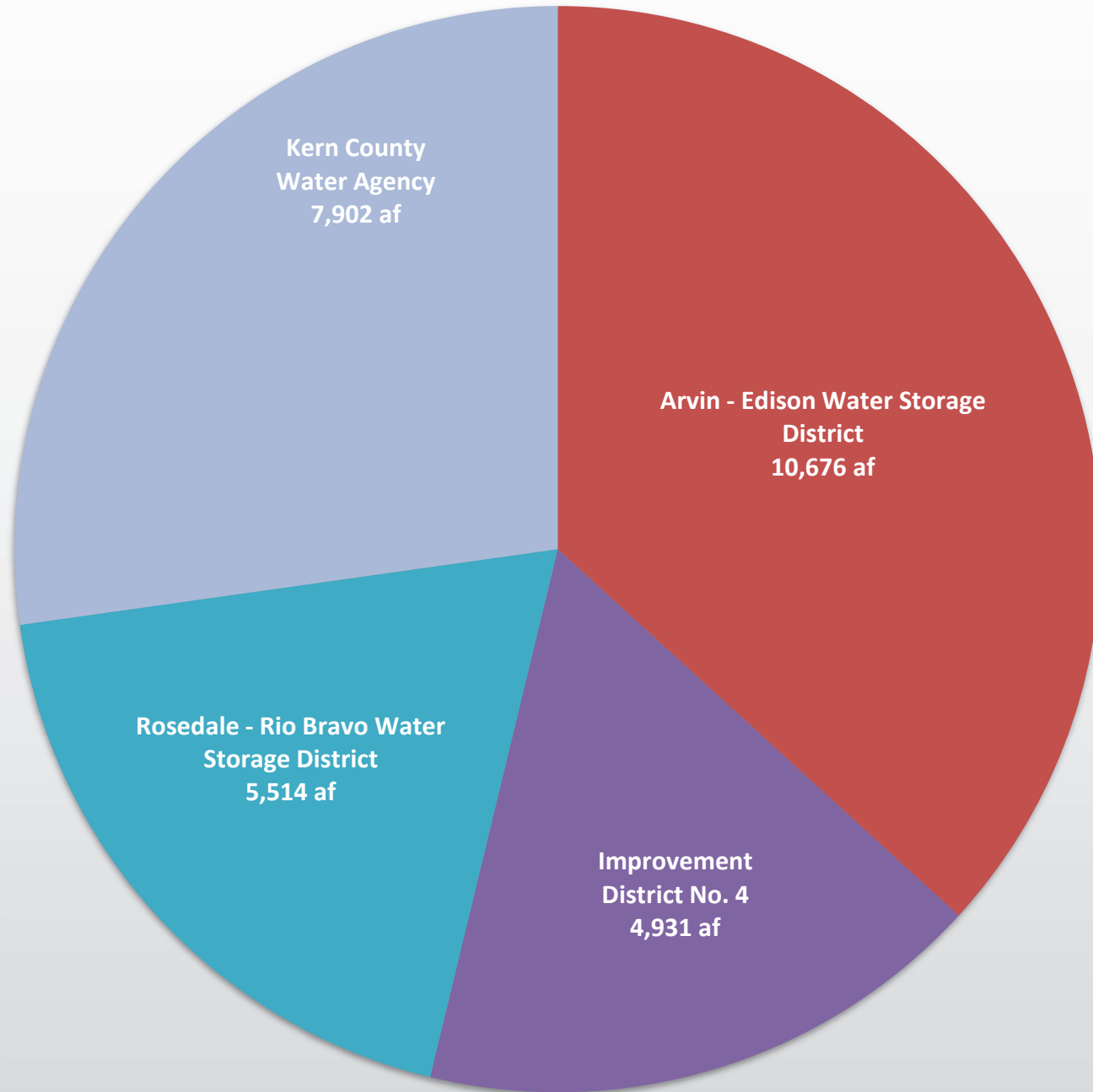
**Total Gross Recovery 25,603 af**

**Kern Fan Banking Projects  
2022 Estimated Recovery by Participant  
Through January 31, 2022**

Attachment 2



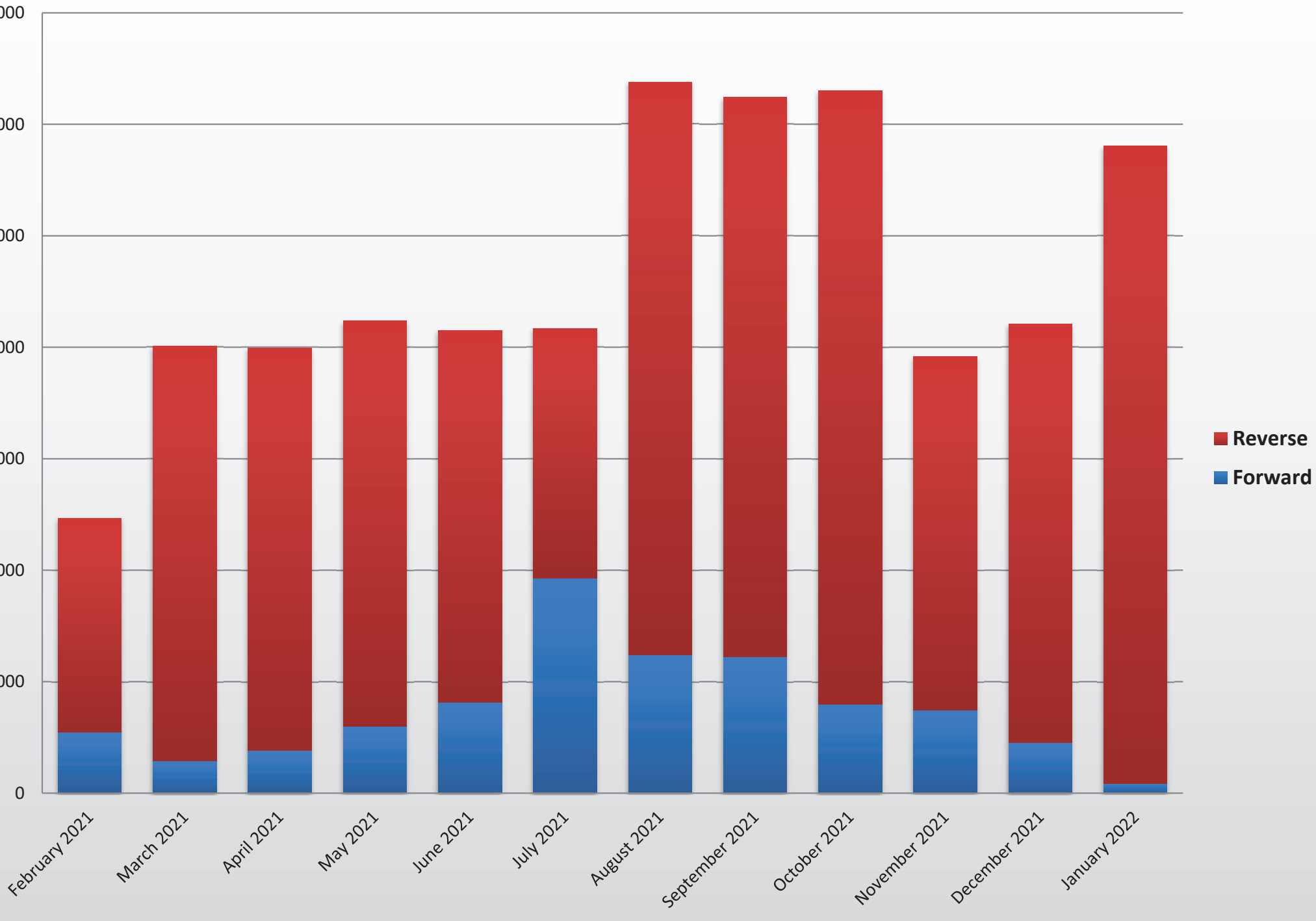
**Cross Valley Canal  
January 2022 Deliveries  
Total deliveries 29,023 af**



# Cross Valley Canal

## Twelve Month Delivery by Direction

Attachment 3



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

