

*Happy Thanksgiving*



REGULAR BOARD MEETING

NOVEMBER 22, 2022



**STOCKTON  
EAST WATER  
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins  
Vice President  
Division 1

Andrew Watkins  
President  
Division 2

Alvin Cortopassi  
Division 3

Melvin Panizza  
Division 4

Paul Sanguinetti  
Division 5

Loralee McGaughey  
Division 6

Thomas McGurk  
Division 7

STAFF

Justin M. Hopkins  
General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi  
General Counsel

Phone 209-948-0333  
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6767 East Main Street  
Stockton, CA 95215

Post Office Box 5157  
Stockton, CA 95205

MEETING NOTICE

THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE STOCKTON EAST WATER DISTRICT WILL BE HELD AT 12:30 P.M., TUESDAY, NOVEMBER 22, 2022 AT THE DISTRICT OFFICE, 6767 EAST MAIN STREET STOCKTON, CALIFORNIA 95215

**Assistance for the Disabled:** If you are disabled in any way and need accommodation to participate in the meeting, please contact Administrative Staff at (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

**DUE TO COVID-19 STOCKTON EAST WATER DISTRICT BOARD MEETINGS WILL BE AVAILABLE BY TELECONFERENCE.**

**Please call (425) 436-6336/Access Code: 866228# to be connected to the Regular Board Meeting, to begin at 12:30 p.m.**

Agendas and minutes are located on our website at www.sewd.net.

**AGENDA**

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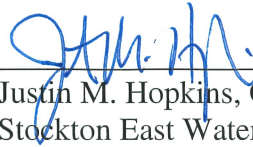
<b>A. Pledge of Allegiance (Director Atkins) &amp; Roll Call</b>	
<b>B. Consent Calendar (None)</b>	
<b>C. Public Comment (Non-Agenda Items)</b>	
<b>D. Scheduled Presentations and Agenda Items</b>	
1. Minutes 11/15/22 Regular Meeting	01
2. Warrants	
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b. Fund 70 – Administration Fund	09
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<b>E.</b>	<b>Committee Reports</b>	
	1. Stockton East Water District Ad-Hoc Committee Meeting – Central San Joaquin Water Conservation & Stockton East Water District, 11/17/22	31
	2. Agricultural Operations Committee Meeting, 11/18/22	33
<b>F.</b>	<b>Report of the General Manager</b>	
	1. Water Supply Report as of 11/14/22	35
	2. Information Items	
	a. Material Included, but Bound Separately from Agenda Packet:	
	1. <u>Video: Solar Development The San Joaquin Valley</u> , Ppic.org, 11/09/22	
	2. <u>San Francisco Cuts Deal With California Water Regulators To Avoid Severe Restrictions</u> , Sfchronicle.com, 11/10/22	
	3. <u>Groundwater: 2022 Trend Monitoring</u> , 11/17/22	
	3. Report on General Manager Activities	
	a. San Joaquin County Office of Emergency Services – Agricultural Drought Task Force Meeting, 11/16/22	37
	b. CVP Water Association – Executive and Financial Affairs Committees Meeting, 11/18/22	55
	c. Stockton East Water District Activities Update	
<b>G.</b>	<b>Director Reports</b>	
<b>H.</b>	<b>Communications</b>	
<b>I.</b>	<b>Agenda Planning/Upcoming Events</b>	
	1. District Holiday – Thanksgiving, 11/24/22 & 11/25/22	
	2. ACWA 2022 Fall Conference – Indian Wells, CA, 11/29/22-12/01/22	
<b>J.</b>	<b>Report of the Counsel</b>	
	1. Closed Session - Existing Litigation Stockton East Water District vs. City of Stockton, et al. Government Code 54956.9 (a)	
	2. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Section 54956.9 (2 Cases)	

**K. Adjournment**

**Certification of Posting**

I hereby certify that on November 17, 2022 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).  
Executed at Stockton, California on November 17, 2022.



Justin M. Hopkins, General Manager  
Stockton East Water District

Any materials related to items on this agenda distributed to the Board of Directors of Stockton East Water District less than 72 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

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THE REGULAR MEETING OF THE BOARD OF DIRECTORS  
OF STOCKTON EAST WATER DISTRICT WAS HELD AT THE DISTRICT OFFICE  
6767 EAST MAIN STREET, STOCKTON, CA  
ON TUESDAY, NOVEMBER 15, 2022 AT 12:30 P.M.

**A. PLEDGE OF ALLEGIANCE AND ROLL CALL**

President Watkins called the regular meeting to order at 12:30 p.m., and Director Cortopassi led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti and Watkins. Also present were Manager Hopkins, Assistant Manager Vega, District Engineer Evensen, Finance Director Ram, Administrative Assistant McKinney, Legal Counsel Zolezzi and Consultant Barkett.

**B. CONSENT CALENDAR (None)**

**C. PUBLIC COMMENT (None)**

**D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS**

1. Minutes 11/08/22 Regular Meeting

A motion was moved and seconded to approve the November 8, 2022 Regular Board Meeting Minutes, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins  
Nayes: None  
Abstain: None  
Absent: None

2. Warrants – California Public Employees’ Retirement System

A motion was moved and seconded to approve the November 15, 2022 Warrants, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins  
Nayes: None  
Abstain: None  
Absent: None

3. Dr. Joe Waidhofer Drinking Water Treatment Plant – CEQA – Extraction Well No. 2 Project Memo, 11/15/22

- a. Extraction Well No. 2 Project – Initial Study and Final Negative Declaration
- b. Extraction Well No. 2 Project – Negative Declaration Regarding Environmental Impact
- c. Extraction Well No. 2 Project – Notice of Determination

Manager Hopkins provided the Board with an Initial Study and Final Negative Declaration, a Negative Declaration, and a Notice of Determination for approval to finalize the CEQA process for the Extraction Well No. 2 Project.

Director McGurk inquired where the location is for the Extraction Well No. 2; Manager Hopkins replied the new well is being installed on campus near the solar field.

Manager Hopkins stated the CEQA document was advertised for 30 days for public comment. The District has received two comments to date; one from the State Water Resources Control Board, and one from the Regional Water Quality Control Board. Manager Hopkins stated both agencies boilerplate comments were addressed in the final document, as well as a few project specific comments.

A motion was moved and seconded to authorize the General Manager to finalize the CEQA documents by approving and signing the Initial Study, Negative Declaration and Notice of Determination for the Extraction Well No. 2 Project.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins  
Nays: None  
Abstain: None  
Absent: None

4. Linden-Peters Chamber of Commerce – Election of Board Members Ballot

Manager Hopkins stated SEWD is a member of the Linden-Peters Chamber of Commerce. Manager Hopkins provided the Board with the Election Ballot for the Linden-Peters Chamber of Commerce. The five nominees are: David Frison, Dan Purviance, Mark Miller, Lesley Billigmeier and Teri Samuel.

Director McGurk asked if Lesley Billigmeier is the spouse of Jim Billigmeier. President Watkins replied yes.

A motion was moved and seconded to approve the slate of five Nominees as casted on the Ballot presented for the Linden-Peters Chamber of Commerce Board Member Election, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins  
Nays: None  
Abstain: None  
Absent: None

5. Cancellation of November 29, 2022 Stockton East Water District Regular Board Meeting

A motion was moved and seconded to approve Cancellation of the November 29, 2022 Regular Board Meeting.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins  
Nays: None  
Abstain: None  
Absent: None

**E. COMMITTEE REPORTS**

1. Eastern San Joaquin Groundwater Authority Board Meeting, 11/09/22

Director Panizza attended the November 9, 2022 Eastern San Joaquin Groundwater Authority Board Meeting.

Director Panizza attended the ESJGWA Board meeting, and reported President Watkins and Manager Hopkins were also in attendance. Director Panizza reported the discussion was repeated from a report by President Watkins two weeks ago regarding the SGMA Round 2 grant priorities and cost allocations. The general approach agreed to is not to be focused on individual groundwater sustainability agencies (GSAs), but on the groundwater sustainability plan (GSP) and the Easter San

Joaquin Groundwater Authority (GWA) made up of 17 GSAs. Director Panizza reported three projects were presented to move forward for grant funding (GWA's Groundwater Monitoring, City of Stockton's Delta Water Treatment Plant Recharge Basin, and SEWD's West Groundwater Recharge Basin Projects). The San Joaquin County staff reported on GWA cost overruns. Finally, Director Panizza noted this was Supervisor Chuck Winns' last meeting to attend since there will be no meeting in December and Supervisor Winn was presented with a Resolution from the GWA. A new representative for Supervisor Winns' position will be decided by the Board in January 2023.

Manager Hopkins stated three more projects are included in the grant submission list (City of Stockton's Automated Metering Infrastructure System for disadvantaged areas of the city, Tecklenburg Recharge Basin in North San Joaquin, and the Bellota Project). Manager Hopkins stated there are six projects for submission for a total of \$20 million.

2. San Joaquin County & Delta Water Quality Coalition Meeting, 11/14/22

Director Atkins reported the financials came in under budget. Memberships unpaid invoices are slow and reminder notifications will be sent out. The Growers meeting has been doing fine this year with attendance. Approximately 375 Nitrogen reports are outstanding. The Program Manager's report has listed some toxicity on Union Island, French Camp Slough, Upper Roberts Island and Mill Creek. Also, some toxicity for algae was reported on Bacon Island, Union Island, Renege Track and Roberts Island. There are 14 wells which are checked for nitrogen, two wells are not being used anymore; and two new wells have been picked up for testing. A stormwater test was performed last week on stormwater. CV Salts was discussed, and fees could increase in the future. There is no meeting in December.

The next meeting will be held on January 9, 2023.

Director McGurk asked how does CV Salts relate to restored flows with the San Joaquin river? How does CV Salts relate to large flows arbitrarily being sent down the river? Director Atkins replied the algae blooms might be caused from nitrogen and/or low flows. This has been ongoing for a long time. Legal Counsel Zolezzi commented CV Salts is not flow related. Discussion followed.

## **F. REPORT OF GENERAL MANAGER**

1. Water Supply Report as of 11/14/22

Manager Hopkins provided a handout of the Water Supply Report for information only that included storage, release, and production data collected from various sources as of midnight last night.

There is 50,457 AF in storage at New Hogan Reservoir. Current releases are set at 41 cfs. Current release at Goodwin Dam to Stanislaus River are set at 202 cfs and release to all water users are set at 0 cfs. There are 0 irrigators on New Hogan, 0 irrigators on New Melones, and 0 irrigators out of District. The water treatment plant is currently processing 26 mgd. The City of Stockton is currently processing 11 mgd. Manager Hopkins reported the District wells total water extraction is 6,872 gpm (~9.9 mgd).

Director McGurk asked if 18 cfs is actually being released from New Melones Reservoir, but the total release to the Stanislaus River is 202, this means Tulloch is draining? Manager Hopkins stated they might be trying to lower the Tulloch Lake level for some reason.

2. Information Items:

Manager Hopkins noted item: F2a-1 and F2a-2

Director McGurk commented on F2a-2 item, and stated he wanted to note (as stated in the article) that by taking water from urban and ag users served by the three rivers, it allows dams that serve the



massive Metropolitan Water District and even some Bay Area cities to keep more water in storage needed for their use.

3. Report on General Manager Activities

a. Department of Water Resources (DWR) – Fall 2022 GSA Forum Virtual Meeting, 11/09/22  
Manager Hopkins reported he attended the breakout and engagement activity which were small work groups of GSAs to discuss issues and challenges covering the cost of SGMA. Most of the discussion concerned challenges with rate settings. Fortunately, SEWD already has an established groundwater rate. The agencies who do not have rates set are struggling to put these rates in place. The key takeaway is lots of outreach prior to trying to set or increase rates. This was for information only.

b. Stockton East Water District Activities Update

Manager Hopkins reported the District is slowly moving forward with DWR on a temporary flood diversion permit. This looks promising for the District to obtain a permit on Littlejohn’s Creek on the New Melones side. Reid Roberts was in attendance to identify some opportunities in Central where they could divert floodwater for recharge. The Calaveras River water shed study is also continuing to move forward. Manager Hopkins added he has attended meetings to refine data entered into their model. There are no results to report yet, as DWR is understanding how the Calaveras River system works, and how the allocations are divided amongst SEWD and Calaveras County Water District. The groundwater recharge assessment tool development by DWR is moving forward concurrently which will help identify recharge areas along the Calaveras River when there is extra floodwater available.

Director Cortopassi asked if the permit for Central’s floodwater is to divert out of the creek. President Watkins stated the water would be diverted at Farmington Dam and sent down the Lower Farmington Canal. Manager Hopkins stated he was adamant about this being tied into SEWD’s existing application, but it is a separate stand-alone permit which is a 180-day permit for temporary diversions. This is issued by the Water Board, but is a DWR project to work with agencies such as SEWD. This allows DWR to cover technical support and the \$10,000 application fee, so once through the process, a conversation can follow with the Water Board and the Governor to help streamline these permits which has been a hassle to obtain. Discussion followed.

**G. DIRECTOR REPORTS (None)**

**H. COMMUNICATIONS (None)**

**I. AGENDA PLANNING/UPCOMING EVENTS**

1. San Joaquin County Office of Emergency Services – Agricultural Drought Task Force Meeting, 10:00 a.m., 11/16/22
2. San Joaquin County Flood Control and Water Conservation District Advisory Water Commission Meeting, 1:00 p.m., 11/16/22  
*\*This meeting has been cancelled\**
3. CVP Water Association – Executive and Financial Affairs Committees Meeting, 10:00 a.m., 11/18/22
4. Agricultural Operations Committee Meeting, 12:30 p.m., 11/18/22

**J. REPORT OF THE COUNSEL**

1. Closed Session - Existing Litigation  
Stockton East Water District vs. City of Stockton, et al.  
Government Code 54956.9 (a)
2. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED  
LITIGATION Section 54956.9 (2 Cases)

President Watkins adjourned the meeting to closed session at 1:07 p.m. to discuss closed session agenda items. The regular meeting reconvened at 1:37 p.m., with the no reportable action.

**K. ADJOURNMENT**

President Watkins adjourned the meeting at 1:38 p.m.

Respectfully submitted,

Justin M. Hopkins  
Secretary of the Board

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
1 PG&E 1289619691-7	10-5302-0	<b>GROUNDWATER PROD. FUND 68</b> Electricity 10/10/22-11/07/22 6767 E Main-Extract Well South	3,508.67	12896196917-11/08/22
		<b>GROUNDWATER PROD. FUND 68 TOTAL</b>	<b>\$3,508.67</b>	

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Agenda Item: D-2b  
Date: 11/22/22

Vendor name	Account #	Description	Amount	Invoice No.
		<b>ADMIN FUND 70</b>		
2 Action Asap Delivery Service	10-5126-0	October 2022 courier services	680.00	91470
3 ADT Security Services	10-5141-0	11/18/22-12/17/22 Alarm monitoring services for Admin Bldg	46.96	953615602
4 American West Communications, L.P.	10-5141-0	Dec 2022 Gopher Ridge tower rental for the WS maintenance	597.01	Dec 2022
5 Anthony Barkett	10-5155-0	Dec 2022 consulting fees-Efforts to protect NM water	5,500.00	Dec 2022
6 AT&T Messaging	10-5141-0	November 2022 Ag call-in voicemail services	14.84	2694204709
7 Boutin Jones Inc.	10-5162-0	Legal services 10/05/22-10/28/22	2,320.00	156272/156273
8 Bryce Consulting	10-5154-0	Professional services on 10/31/22	450.00	4224
9 Dameron Medical Group Inc.	10-5102-0	DOT exam	30.00	479K8236
10 David Strohm	10-5101-0	2022 Safety shoe allowance for D.Strohm	200.95	11/09/22
11 DCSE Inc	10-5116-0	Eastside satellite ET project of GROWMAS 04/01/22-10/31/22	63,660.00	1407-01
12 DCSE Inc	10-5154-0	Satellite Evapo-transpiration prj services-01/10/22-03/31/22	37,800.00	1386-01
13 De Lage Landen Financial Services, Inc.	10-5124-0	11/15/22-12/21/22 SEWD printers (6) lease	1,415.57	78166887/78121794
14 Digi-Key Corporation	10-5142-0	Communication cables-HDMI, & cable display port	138.53	93326764/93326757
15 Doyce Boesch	10-5155-0	Dec 2022 consulting services by Doyce Boesch	7,000.00	Dec 2022

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>ADMIN FUND 70</b>		
16 Fishbio	10-5174-0	Oct 2022 Consulting Calaveras HCP	18,043.51	4207
17 Fishbio	10-5174-0	Oct 2022 Compliance monitoring	10,829.39	4214
18 Fishbio	10-5174-0	Oct 2022 Consulting Calaveras Redds	5,915.00	4209
19 Fishbio	10-5174-0	Oct 2022 Consulting Calaveras RST monitoring	4,369.38	4221
20 Fishbio	10-5174-0	Oct 2022 Consulting Calaveras O.mykiss abundance	3,403.61	4208
21 Fishbio	10-5174-0	Oct 2022 Consulting Bellota Fish Ladder	3,058.26	4206
22 Frontier Communications	10-5141-0	Linden Tel Directory listing for 11/07/22-12/06/22	14.57	530-1961403-11/07/22
23 Kennedy Jenks Consultants	10-5115-0	Professional services thru 07/29/22-Grant writing/admin services	9,295.00	157401
24 Linden Peters Chamber of Commerce	10-5105-0	2023 membership dues Linden-Peters Chamber of Commerce	50.00	2023 membership
25 Manuel Verduzco	10-5103-0	2022 AWWA Fall conference event registration	599.00	AWWA Reimb
26 Manuel Verduzco	10-5104-0	2022 AWWA Fall conference expenses	566.01	AWWA Reimb
27 Orkin Pest Control	10-5154-0	Annual Pest Control services 11/01/22-10/31/23	1,025.28	32113264 22-23
28 Platt Electric Supply Inc.	10-5147-0	Fasteners for spill sites	92.24	3176862
29 Priya Ram	10-5103-0	Tuition reimbursement Fall 2022	2,000.00	11/07/22
30 Quadient Leasing USA Inc./MailFinance	10-5126-0	Rental Charges Neopost Machine 11/29/22-02/27/23	577.15	N9650382

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>ADMIN FUND 70</b>		
31 Quill Corporation	10-5125-0	Office supplies ordered on 10/07/22-11/10/22	753.52	936953/98/86/99/41/90/86
32 Robert Half Finance & Accounting	10-5044-0	Temporary labor for 11/03/22-11/10/22	1,881.86	61085349/61050638
33 San Joaquin County Surveyor	10-5165-0	SEWD & Central SJ District consolidation map fee	800.00	11/08/22
34 San Joaquin Local Agency Formation	10-5165-0	SEWD & Central SJ Water District consolidation fees	6,050.00	2022 Consolidation
35 SEWD Vehicle Fund	10-5181-0	Oct 2022 - Vehicle Mileage Reimbursement-Admin	1,224.50	Oct 2022-Admin
36 Small Services LLC/John Small Jr	10-5101-0	Annual respirator test on 09/12/22-09/14/22 & 10/13/22	1,200.00	10012022-001
37 Standard Insurance Co.	10-5047-0	October 2022 long term insurance-Admin	395.27	December 2022
38 TPX Communications	10-5141-0	Nov 2022 Telephone charges for SEWD	2,772.67	163673974-0
39 US Bank Trust National Association	10-5152-0	Trustee fees-Safe Drinking Water State Rev. 10/01/22-09/30/23	1,102.50	6703801
40 Verizon Wireless Multi-line account	10-5141-0	Wireless charges from 09/25/22-10/25/22	1,912.14	9919089798
→ 41 Verve Networks	10-5148-0	SQL cluster conversion to standalone instance progress bill	482.50	25102
42 Wagner & Bonsignore	10-5176-0	Oct 2022 Prof. services New Hogan Water Right	972.50	11-22-608
43 Wagner & Bonsignore	10-5176-0	Professional general services 09/07/22-10/17/22	236.25	11-22-607
44 Wienhoff & Associates, Inc.	10-5105-0	Annual Consortium Fees for 2023	595.00	109806
45 XRoads Networks, Inc	10-5141-0	StarLink SD-WAN by ZeroOutages ISP Nov 2022	345.00	Z017258
46 XRoads Networks, Inc	10-5140-0	Accessory pole adaptor to install Starlink	75.00	Z017105
		<b>ADMIN FUND 70 TOTAL</b>	<b>\$200,490.97</b>	

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Agenda Item: D-2c  
Date: 11/22/22

Vendor name	Account #	Description	Amount	Invoice No.
		<b>WATER SUPPLY FUND 71</b>		
47 AA and Bob Allen, Inc.	10-5215-0	Rock to repair Upper Farmington Canal slide area	2,081.72	134211/214/215/938
48 All Steel Fence, Inc	10-5202-0	Shelton Rd fence repair	6,640.37	108996
49 Applied Industrial Technologies	10-5202-0	Seals for repairs to fish screen	37.55	7025107573
50 Badger Meter, Inc.	10-5202-0	Cellular service for Orion cellular endpoints month Oct 2022	122.55	80111350
51 Cal-Sierra Pipe, Inc.	10-5215-0	Pipe fittings & gaskets to repair Upper Farmington Canal slide area	507.30	110000020947/1345/1392
52 Charlie's Day & Nite, Inc.	10-5202-0	Keys for Bellota block house and new door	132.67	501485/503363
53 Clutch and Brake Xchange, Inc.	10-5202-0	Hose for repairs to fish screen	59.87	860743
54 Conlin Supply Co	10-5213-0	Cattle panels for maintenance of cattle gaps	442.04	174400
55 Contract Coatings Corp.	10-5202-0	Paint & supplies for painting Bellota TOC SCADA installation	112.98	00055015
56 Dokken Engineering	10-5202-0	Biological & cultural survey CEQA service July 2022	5,350.00	41619
57 Grainger, Inc.	10-5202-0	Storage drum for spill supplies at Bellota	162.56	9498792275
58 HDS White Cap Construction Supply	10-5215-0	Straw wattle for Upper Farmington Canal grading & drainage	617.46	10016980329
59 HDS White Cap Construction Supply	10-5202-0	Epoxy gun & epoxy for repairs-Stagnaro low water crossing	287.94	10017044000
60 Hixco	10-5202-0	Fasteners for maintenance-Stagnaro Low Water Crossing & dams	443.45	452104/452393

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>WATER SUPPLY FUND 71</b>		
61 Holt of CA	10-5215-0	Cab/Air Loader rental-Upper for Farmington Canal slide area repair	3,783.54	ER7258796020
62 J. Milano Company, Inc.	10-5202-0	Metal & D-rings for repairs-Stagnaro Low Water Crossing	197.27	555838
63 Knife River Construction/Concrete Inc.	10-5215-0	Concrete for Upper Farmington canal slide area	351.30	376954
64 McMaster-Carr Supply Co	10-5202-0	Door hinge for new door on Bellota block house	477.43	87108896
65 Motion Industries, Inc.	10-5217-0	Shock relays for control cabinet to install Duck Creek automation	782.98	CA14-00999054
66 PG&E 0530302291-6	10-5213-0	Electricity 09/30/22-10/30/22 Birdcage trash rack	92.85	05303022916-10/31/22
67 PG&E 5598232323-4	10-5213-0	Electricity 10/10/22-11/07/22 E Funck Rd Gates	60.04	55982323234-11/08/22
68 PG&E 6377610771-4	10-5213-0	Electricity 10/10/22-11/07/22 Copperopolis Rd trash rack	243.31	63776107714-11/08/22
69 Rain For Rent, Inc.	10-5213-0	Rental of hoses & fittings-removal of water at Farmington Dam	1,862.77	1807226
<del>70</del> Rexel USA Inc	10-5217-0	Electrical supplies for control cabinet-Duck Creek trash rack	502.97	S134940438.001/40438.002
71 Salazar Transportation Inc	10-5213-0	Fees to haul excavator to and from TP and New Melones	1,248.29	37674/38180
72 San Joaquin County Sheriff Dept.	10-5213-0	Sept 2022 Temp workers for weedeating-Funck Rd	2,480.00	40718-40723
73 San Joaquin County Sheriff Dept.	10-5213-0	Sept 2022 Temp workers for weedeating-Copperopolis Rd	4,960.00	40725-40734
74 SEWD Vehicle Fund	10-5218-0	Oct 2022 - Vehicle Mileage Reimbursement-NM	4,950.25	Oct 2022-NM
75 SEWD Vehicle Fund	10-5207-0	Oct 2022 - Vehicle Mileage Reimbursement-NH	4,659.78	Oct 2022-NH
76 Standard Insurance Co.	10-5047-0	October 2022 long term insurance-NH	228.50	December 2022
77 Standard Insurance Co.	10-5056-0	October 2022 long term insurance-NM	139.04	December 2022
78 Stockton Windustrial Co.	10-5202-0	Tank adapter for spill sites	268.14	352790 02
79 UniFirst Corporation	10-5213-0	Weekly laundry service 11/03/22 & 11/10/22	178.02	370 1436026/370 1434384
80 USA Blue Book	10-5206-0	pH probe for water quality monitoring station at Bellota	1,688.27	160607
		<b>WATER SUPPLY FUND 71 TOTAL</b>	<b>\$46,153.21</b>	

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>FISH SCREEN IMPROVEMENT FUND 89</b>		
81 ECORP Consulting, Inc	10-5180-0	Prof services for Bellota fish screen and passage-Oct 2022	12,870.00	98267
82 Fishbio	10-5180-0	Professional services for Bellota project Oct 2022	3,625.00	4215
		<b>FISH SCREEN IMPROVEMENT FUND 89 TOTAL</b>	<b>16,495.00</b>	

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>VEHICLE FUND 91</b>		
83 Autozone Stores Inc.	10-5182-0	DEF for District vehicles/Wiper blades for Unit 31	104.42	2858725093/4036115275
84 Clutch and Brake Xchange, Inc.	10-5182-0	Fitting for Unit 53 air line	9.91	866310
85 Dentoni's Welding Works, Inc.	10-5182-0	Repair plates and replace springs on Unit 66	3,425.62	01W3481
86 GoodYear/Wingfoot Commercial Tire	10-5182-0	Replace tire on Unit 37	191.00	190 1050217
87 J. Milano Company, Inc.	10-5343-0	Hitch & mount for towing trailer	222.74	555041
88 Sonsray Machinery/Case Power & Equipment	10-5182-0	Parts for maintenance and repair on front axel on Unit 41	10,558.33	38885-1/43572-1/38885-2
89 Valley Pacific Petroleum Services, Inc.	10-5182-0	Red Diesel	7,701.18	INV 22-588743
		<b>VEHICLE FUND 91 TOTAL</b>	<b>\$22,213.20</b>	

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>		
90 Cal-Sierra Pipe, Inc.	10-5321-0	Pipe & fittings for maintenance on drainage ditch at TP	671.31	110000021349-001
91 Carollo Engineers, Inc	10-5323-0	Hypochlorite disinfection progress bill through 08/31/22 & 09/30/22	47,138.97	FB26954-5/FB28861-6
92 Charlie's Day & Nite, Inc.	10-5326-0	Repair lock & maintenance on Ops breakroom sliding door	144.45	C91894
93 Charlie's Day & Nite, Inc.	10-5344-0	Lock for Bellota block house new door	42.51	503398
94 Charlie's Day & Nite, Inc.	10-5326-0	Keys for lock boxes	21.26	503118
95 Contract Coatings Corp.	10-5326-0	Paint for maintenance supervisors office-maint shop improvements	375.89	00054853
96 Fastenal Company	10-5344-0	Treatment plant consumables 10/24/22 & 11/04/22	469.27	CASTC158729/158826
97 Fastenal Company	10-5343-0	Circular saw	262.58	CASTC158662
98 FGL Environmental	10-5308-0	SUVA monitoring	281.00	254196A
99 FGL Environmental	10-5308-0	Coliform bacti monitoring sampled on 10/18/22-10/21/22	349.00	255220A/166/071/214
100 Fresno Oxygen	10-5344-0	Welding tank rental	22.36	91596415
101 Golden State Irrigation Services	10-5324-0	Pipe fittings & wrap for TP irrigation system	99.31	0031321-IN/1326/1390
102 Grainger, Inc.	10-5344-0	Fluorescent bulbs (36)	71.37	9498648006
103 Grainger, Inc.	10-5341-0	Protective gear-Hip wader, safety glasses, disposable respirators	219.46	9503186943/8006/6322



**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

Vendor name	Account #	Description	Amount	Invoice No.
		<b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>		
104 Grainger, Inc.	10-5326-0	First aid cabinet for vehicle storage 2	71.13	9494098222
105 Grainger, Inc.	10-5344-0	Treatment plant consumables 10/26/22	11.62	9492678496
106 HDS White Cap Construction Supply	10-5344-0	Cutting blades for Maintenance use	137.10	10017087530
107 J. Milano Company, Inc.	10-5344-0	Allthread for mounting monitors in Ops	13.30	555041
108 J. Milano Company, Inc.	10-5344-0	Hand wipes, eye bolts, and shackles for maintenance	73.35	556579
109 McJunkin Redman Corporation Global US	10-5321-0	Encoder for Limitorque valves in Pipe Filter Gallery	818.24	0631681001
110 Mettler Toledo, Inc.	10-5325-0	Annual balance/calibration service	596.70	655102996
111 Northstar Chemical	10-5301-0	ACH delivered on 10/26/22 & 11/04/22	43,278.40	238442/237509
112 Platt Electric Supply Inc.	10-5326-0	Wire to install fan in vehicle storage 2 for Maintenance	544.51	3J33853
113 Rent A Toilet	10-5328-0	Portable restrooms, hand wash stations rental-water shut down	720.00	INV/2022/11882
114 Rexel USA Inc	10-5321-0	Allen Bradley service technical to repair P-29 & P-28 VFD	1,683.00	5134465196.003
115 Rock Creek Water District	10-5211-0	488.49 AF water transfer @\$225 per AF-M&I	109,910.25	2022 Water Transf-b
116 San Joaquin County Sheriff Dept.	10-5324-0	Sept 2022 Temp workers for weedeating-Treatment Plant	3,100.00	40719/20/24/26/32
117 SEWD Vehicle Fund	10-5181-0	Oct 2022 - Vehicle Mileage Reimbursement-M&I	2,689.77	Oct 2022-M&I
118 Standard Insurance Co.	10-5047-0	October 2022 long term insurance-M&I	1,351.47	December 2022
119 Stockton Scavengers	10-5324-0	20 yard bin and dump fees for period 10/01/22-10/31/22	1,825.64	0060599-0051-1
120 Stockton Scavengers	10-5304-0	Nov 2022 garbage service @6767 East Main St	538.36	0060815-0051-1
121 Stockton Windustrial Co.	10-5321-0	Pipe fittings for maintenance	90.70	353324 01

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
NOVEMBER 22, 2022**

	Vendor name	Account #	Description	Amount	Invoice No.
			<b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>		
122	Stockton Windustrial Co.	10-5344-0	Saw blades	60.88	352411 02
123	SunE Solar Mission III LLC	10-5302-0	Energy produced on low/high side solar panels Sept 2022	27,365.42	PPA_10272-045/10303-045
124	SunE Solar Mission III LLC	10-5302-0	Energy produced on low/high side solar panels Oct 2022	24,206.24	PPA_10272-046/10303-046
125	Terracon Consultants, Inc	10-5323-0	Inspection & material services-Sodium Hypochlorite prj 2303 Oct 2022	4,231.00	TH59037A/TH54475
126	Thatcher Company of CA	10-5301-0	Chlorine delivered on 11/09/22	7,200.00	2022250107369
127	Thatcher Company of CA	10-5301-0	Acidified alum delivered on 10/28/22-11/02/22	20,527.59	2022250107276/277/208/201
128	TNT Industrial Contractors Inc.	10-5323-0	Labor & materials-Sodium Hypochlorite Con.prj 2303 Oct 2022	503,015.01	14004
129	UniFirst Corporation	10-5342-0	Weekly laundry service 11/03/22 & 11/10/22	506.67	370 1436026/370 1434384
130	Univar USA Inc.	10-5301-0	Caustic soda delivered on 10/31/22 & 11/07/22	19,710.63	50681646/1102/7745/7502
131	USA Blue Book	10-5307-0	Chemicals for labs-Phenylarsine Oxide/Acetate/Phosphate	497.26	121004
132	USA Blue Book	10-5307-0	Chemicals for labs-Acetate and phosphate buffer solutions	392.96	123839
133	USA Blue Book	10-5321-0	Parts to service pulsafeeder-chemical feeder	275.58	157164
134	Valley Landscaping & Maintenance Inc	10-5325-0	WTP landscaping services for October 2022	2,450.00	82836
135	Valley Springs Feed & Pet Supply	10-5321-0	WTP Security supplies ordered on 11/07/22	80.42	0133
136	Wille Electric Supply Co, Inc.	10-5326-0	Fittings and adhesive for maintenance shop improvements	16.28	S2111753.001
			<b>MUNICIPAL &amp; INDUSTRIAL FUND 94 TOTAL</b>	<b>\$828,158.22</b>	

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**STOCKTON EAST WATER DISTRICT  
 INVOICES AND PAYROLL FOR BOARD PACKAGE  
 NOVEMBER 22, 2022**

<b>Fund Number</b>	<b>Fund Summary</b>	<b>AP Amount</b>
Fund 68	Groundwater Prod. Fund	3,508.67
Fund 70	Administration Fund	200,490.97
Fund 71	Water Supply Fund	46,153.21
Fund 89	Fish Screen Improvement Fund	16,495.00
Fund 91	Vehicle Fund	22,213.20
Fund 94	Municipal & Industrial Fund	828,158.22
	<b>TOTAL FUND SUMMARY</b>	<b>\$1,117,019.27</b>

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Short Names/Acronym List

ACH	Aluminum Chlorohydrate
ACWA	Association of California Water Agencies
Admin	Administration
Ads	Advertisement
AF	Acre Feet
AG	Agriculture
AR	Accounts Receivable
AWP	Alternative Work Program
CEQA	California Environmental Quality Act
Chgs	Charges
CM	Construction Management
COP	Certificate of Participation
CSDA	California Special District Authority
CSJWCD	Central San Joaquin Water Conservation District
CVPWA	Central Valley Project Water Association
CWS	California Water Services Company
DB	Distribution Box
DBCP	Dibromochloropropane
DDTS	Direct Distance Telephone Service
DL	Direct Line
EDB	Ethylene Dibromide
Educ	Education
ESA	Endangered Species Act
FCC	Federal Communications Commission
FCCU	Financial Center Credit Union
FOIA	Freedom of Information Act
FWPS	Finished Water Pump Station
GM	General Manager
HCP	Habitat Conservation Plan
HP	Hewlett Packard
HVAC	Heating, Ventilating Airconditioning
LD	Long Distance
LFC	Lower Farmington Canal
LT2	Long Term 2 -Enhanced Surface Water Treatment Rule
M&O	Maintenance & Operations
MCC	Master Control Center
MIB	Methylisoborneol
Misc.	Miscellaneous
mtg	Meeting
NH-	New Hogan
NM	New Melones
NH3-N	Ammonia
NMCF	New Melones Conveyance Facility
NWRP	New Water Reservoir Project
OBA	Oxygen Breathing Apparatus
PACL	Poly Aluminum Chloride
PM	Preventive Maintenance
Prof	Professional
PSM	Process Safety Management
PVC	Polyvinyl Chloride
RMP	Risk Management Plan
SCADA	Supervisory Control And Data Acquisition
SCBA	Self Contained Breathing Apparatus
SEWD	Stockton East Water District
SWRCB	State Water Resources Control Board
St	Street
T5	Water Treatment Operator Certificate Grade 5
Tel	Telephone
THM	Trihalomethane
TO	Task Order
TP	Treatment Plant
UFC	Upper Farmington Canal
UPS	Uninterrupted Power Supply
VAMP	Vernalis Adaptive Management Plan
VFD	Variable Frequency Drive
WMP	Water Management Plan
WQMS	Water Quality Monitoring System
WS	Water Supply
WSEP	Water Supply Enhancement Project
WTP	Water Treatment Plant

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<b>Vehicles</b>	
Unit 36 2004 Chevy Pickup 2500hd Silverado	Pickup Truck
Unit 37-2004 Jeep Grand Cherokee Laredo	Automobile
Unit 47 2008 Chevy Pickup Silverado 2500 4x4	Pickup Truck
Unit 49 2009 Ford Edge AWD - Ltd	Automobile
Unit 55 2010 Ford F150 Pickup	Pickup Truck
Unit 57 2011 Ford F150 Pickup Long Bed	Pickup Truck
Unit 64 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 65 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 66 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 67 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 69 2015 Ford F150 4x4 Supercrew Pickup	Pickup Truck
Unit 74 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 75 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 76 2020 Ford Escape	Automobile
<b>Light equipment</b>	
Genie GS 1930 Scissor Lift	Lift
Unit 70 2016 Cat Forklift	Forklift
Unit 58 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 59 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 60 2014 Polaris Ranger EV- Operations	Utility Vehicle
Unit 61 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 62 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 63 2014 Polaris Ranger EV- Operations	Utility Vehicle
<b>Heavy equipment</b>	
Mower-walker	Tractor
Unit 16 2003 Ford 450 -- diesel	Heavy Truck
Unit 26 1990 International Dump Truck	Heavy Truck
Unit 29 Caterpillar Backhoe	Heavy Equip.
Unit 31 1998 Freightliner Boom Truck 15 ton	Heavy Truck
Unit 38 John Deere 6420 Tractor	Tractor
Unit 41 Case Tractor 570mxt Turbo	Tractor
Unit 45 2008 Ford F650 Flatbed Truck (diesel)	Heavy Truck
Unit 48 2008 Chevy Kodiak C4500 (diesel)	Heavy Truck
Unit 52 Kubota Tractor	Tractor
Unit 53 2011 Kenworth T300 Dump Truck (dsl)	Heavy Truck
Unit 56 2010 Ford F450 Truck	Heavy Truck
Unit 73 2018 Caterpillar Backhoe	Heavy Equip.
Unit 77 2022 CAT Long Reach Excavator	Heavy Equip.
<b>Accessories</b>	
Dive Boat	Accessory
Boat Trailer	Trailer
Allis-Chalmers Disc	Accessory
Pak Flail Mower (orange)	Accessory
Alamo Articulate Mower Attachment	Accessory
Landpride RCR2596 Rotary Mower	Accessory
Unit 30 Big Tex Equipment Trailer /25,900gvwr	Trailer
Unit 34 2000 Cartaway Tank Trailer /6000gvw	Trailer
Unit 43 2007 Wells Cargo Trailer Model TW122	Trailer
Unit 44 1996 Genie Lift TZ-34/20 Knuckleboom	Trailer
Unit 50 6 Diesel Pump	Trailer
Unit 51 12 Diesel Pump	Trailer
Unit 68 2015 Welding Trailer	Trailer
Unit 71 2017 Utility Landscaping Trailer	Trailer
Unit 72 2002 Utility Trailer	Trailer
Unit 73 2002 Utility Trailer	Trailer
Unit 78 Utility Trailer	Trailer



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# Memorandum

**To:** Board of Directors  
**From:** Justin Hopkins – General Manager  
Juan Vega – Assistant General Manager  
Darrel Evensen – District Engineer  
Gianna O’Day – Associate Engineer  
**Date:** 11/22/2022  
**Re:** Tunnel Outlet Flume Meter Project

---

## **Background**

As a part of the Stockton East Water District’s (District) FY 22-23 budget, the Board of Directors (Board) approved a \$364,000 budget to improve the Goodwin Tunnel outlet meter. The first phase of this project is to line the canal upstream of the meter location with sprayed concrete (gunite) to provide conditions for accurate flow measurement and mitigate the effects of the overgrown aquatic life.

## **Summary**

Staff received three contractor quotes to install reinforced gunite liner for the Upper Farmington Canal between the Tunnel Outlet and the future Flume Metering Section. All quotes include prevailing wages. Staff met with the low-quote contractor, K.W. Emerson, to ensure a competent quote. Contractor quotes are shown in Table 1.

<b>Contractor</b>	<b>Amount</b>
K.W. Emerson Inc.	\$145,740
Sierra Mountain Construction Inc.	\$369,215
E.E. Gilbert Construction	\$414,901

**Table 1. Contractor Shotcrete Lining Quotes**

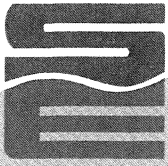
## **Financial Impact**

This project is budgeted and the current recommended quote is below the budgeted amount.

## **Recommendations**

District staff recommends the Board authorize the General Manager to execute a contract with K.W. Emerson for \$145,740, plus a 10% contingency of \$14,574, for a total cost of \$160,314.

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**STOCKTON  
EAST WATER  
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

**DIRECTORS**

Richard Adkins  
Vice President  
Division 1

Andrew Watkins  
President  
Division 2

Alvin Cortopassi  
Division 3

Melvin Panizza  
Division 4

Paul Sanguinetti  
Division 5

Loralee McGaughey  
Division 6

Thomas McGurk  
Division 7

**STAFF**

Justin M. Hopkins  
General Manager

**LEGAL COUNSEL**

Jeanne M. Zolezzi  
General Counsel

Phone 209-948-0333  
Fax 209-948-0423

E-mail sewd@sewd.net

6767 East Main Street  
Stockton, CA 95215

Post Office Box 5157  
Stockton, CA 95205

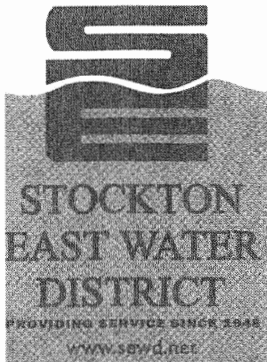
**AGENDA**

Stockton East Water District & Central San Joaquin  
Water Conservation District Ad Hoc Committee Meeting  
will meet at **3:00 p.m. on Thursday, November 17, 2022**  
At the District Office, 6767 East Main Street, Stockton, CA

**AGENDA**

1. LAFCo Status Update
2. LAFCo Request for Conditions upon Consolidation
3. Allocation of 2022 Revenue
4. Administrative and Operational Transition
5. Annexation Update
6. Next Steps

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**MEETING NOTICE**

The Agricultural Operations Committee  
Of the Stockton East Water District  
Board of Directors will meet at  
**12:30 p.m. on Friday, November 18, 2022**  
At the District Office, 6767 East Main Street, Stockton, CA

**Assistance for the Disabled:** If you are disabled in any way and need accommodation to participate in the meeting, please contact Kristin Carido, Administrative Services Manager at (209) 948-0333 for assistance so the necessary arrangements can be made.

Agendas and minutes are located on our website at [www.sewd.net](http://www.sewd.net).

**AGENDA**

1. Roll Call - Chairperson Cortopassi, Director Atkins, Director Watkins, Director Sanguinetti (Alternate)
2. Public Comment
3. Draft Fiscal Year 2023-2024 Budget
4. Adjournment

**Certification of Posting**

I hereby certify that on November 8, 2022 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, and said time being at least 72 hours in advance of the Agriculture Operations Committee Meeting (Government Code Section 54954.2). Executed at Stockton, California on November 8, 2022.

*Cathy McKinney for Kristin Carido*  
Kristin Carido  
Administrative Services Manager  
Stockton East Water District

Any materials related to items on this agenda distributed to the Agriculture Operations Committee of the Stockton East Water District less than 72 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

Phone 209-948-0333  
Fax 209-948-0423

E-mail [sewd@sewd.net](mailto:sewd@sewd.net)

6767 East Main Street  
Stockton, CA 95215

Post Office Box 5157  
Stockton, CA 95205

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Weekly Water Report	As of: Nov. 14, 2022	As of: Nov. 21, 2022
<b>New Hogan (NHG) TOC</b>	<b>193,350</b>	<b>AF</b>
Storage:	50,457	AF
Net Storage Change:	-240	AF
Inflow:	24	CFS
Release:	41	CFS
<b>New Melones (NML) Allocation</b>	<b>75,000</b>	<b>AF</b>
Storage:	585,415	AF
Net Storage change:	+976	AF
Inflow:	240	CFS
Release:	18	CFS
<b>Source: CDEC Daily Reports</b>		

<b>Goodwin Diversion (GDW)</b>		
Inflow (Tulloch Dam):	8	CFS
Release to Stanislaus River (S-98):	202	CFS
Release to OID (JT Main):	0	CFS
Release to SSJID (SO Main):	0	CFS
Release to SEWD:	<u>0</u>	CFS
Total Release	202	CFS
<b>Source: Tri-Dam Operations Daily Report</b>		
<b>Farmington Dam (FRM)</b>		
Diverted to SEWD:	N/A	CFS
Diverted to CSJWCD:	0	CFS
<b>Source: USACE WCDS Hourly Report</b>		

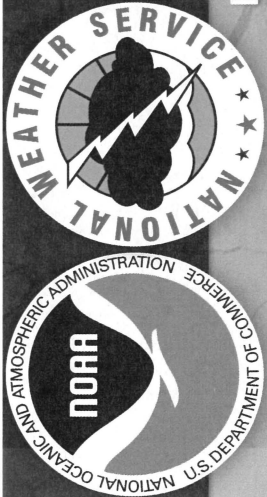
<b>Surface Water Used</b>		
Irrigators on New Hogan:	0	
Irrigators on New Melones:	0	
Out-Of-District Irrigators:	0	
DJWWTP Production:	26	MGD
North Stockton:	0	MGD
South Stockton:	4	MGD
Cal Water:	23	MGD
City of Stockton DWSP Production:	11	MGD

<b>District Ground Water Extraction</b>		
74-01	889	GPM
74-02	532	GPM
North	520	GPM
South	1791	GPM
Extraction Well # 1	<u>3140</u>	GPM
Total Well Water Extraction	6872	GPM
Total Ground Water Production	9.9	MGD

**Note: All flow data reported here is preliminary and subject to revision.**



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# San Joaquin County Agricultural Drought Task Force

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

Presenter : Craig Shoemaker

Climate Program Manager

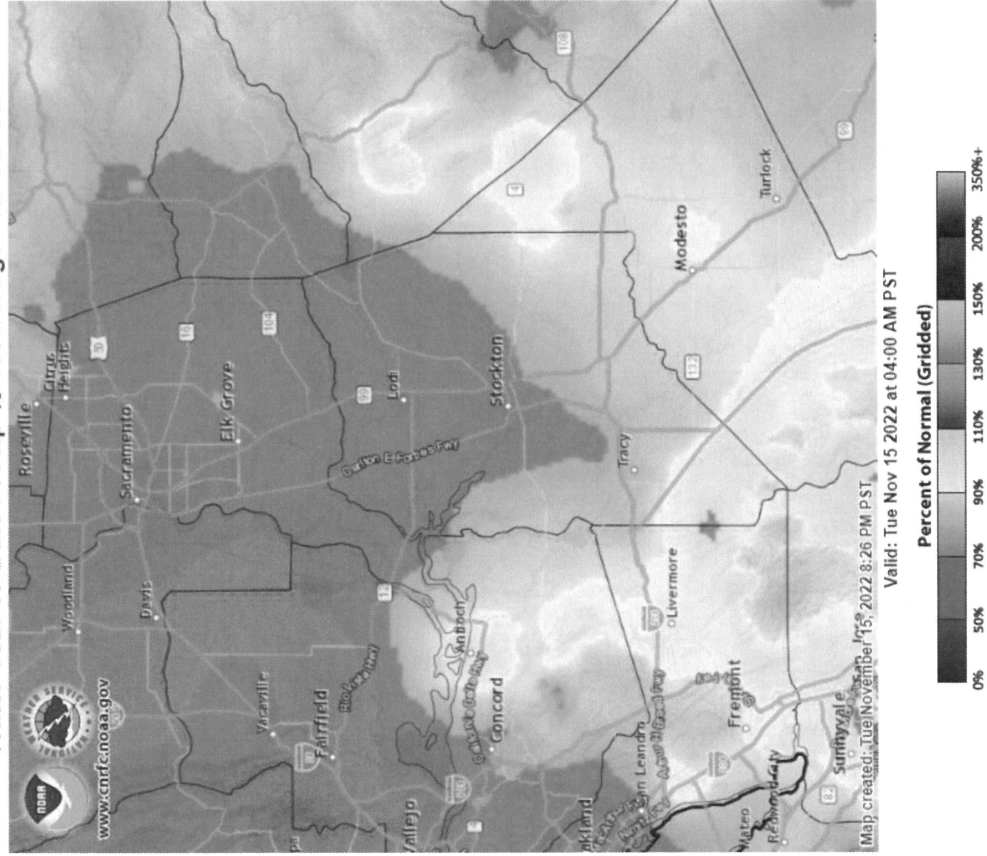




# Well Below Normal Water Year

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

Water Year-to-Date Precip % of Average - Nov 2022



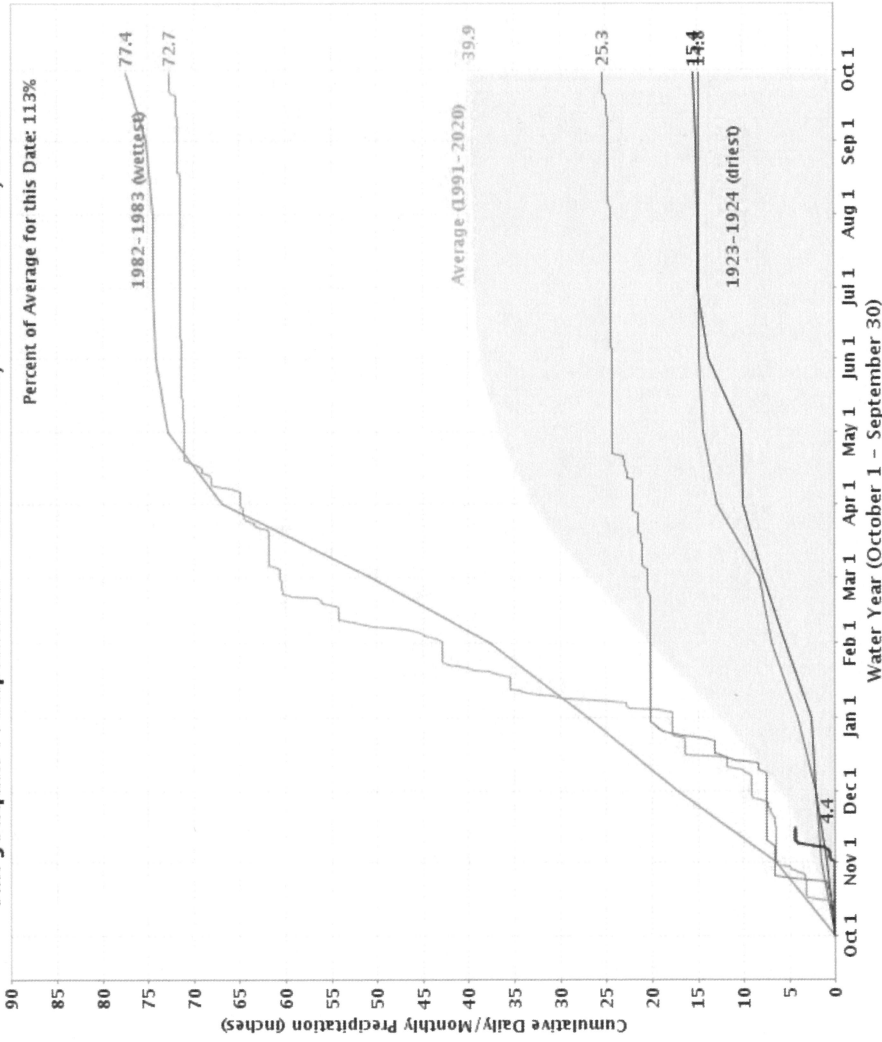
San Joaquin County  
60-90% of normal



# Water Year 2021-2022

Weather Forecast Office  
 Sacramento, CA  
 Wednesday, November 16

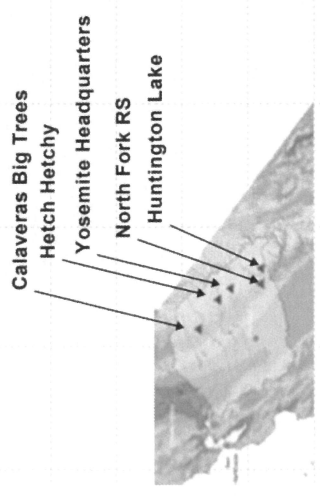
San Joaquin Precipitation: 5--Station Index, November 15, 2022



Percent of Average for this Date: 11.3%

Water Year (October 1 - September 30)

Legend:  
 Average (1991-2020) — 1923-1924 (driest) — 1976-1977 (2nd driest) — 1982-1983 (wettest) — 2016-2017  
 — 2021-2022 — 2022-2023 (current)



Total Water Year Precipitation



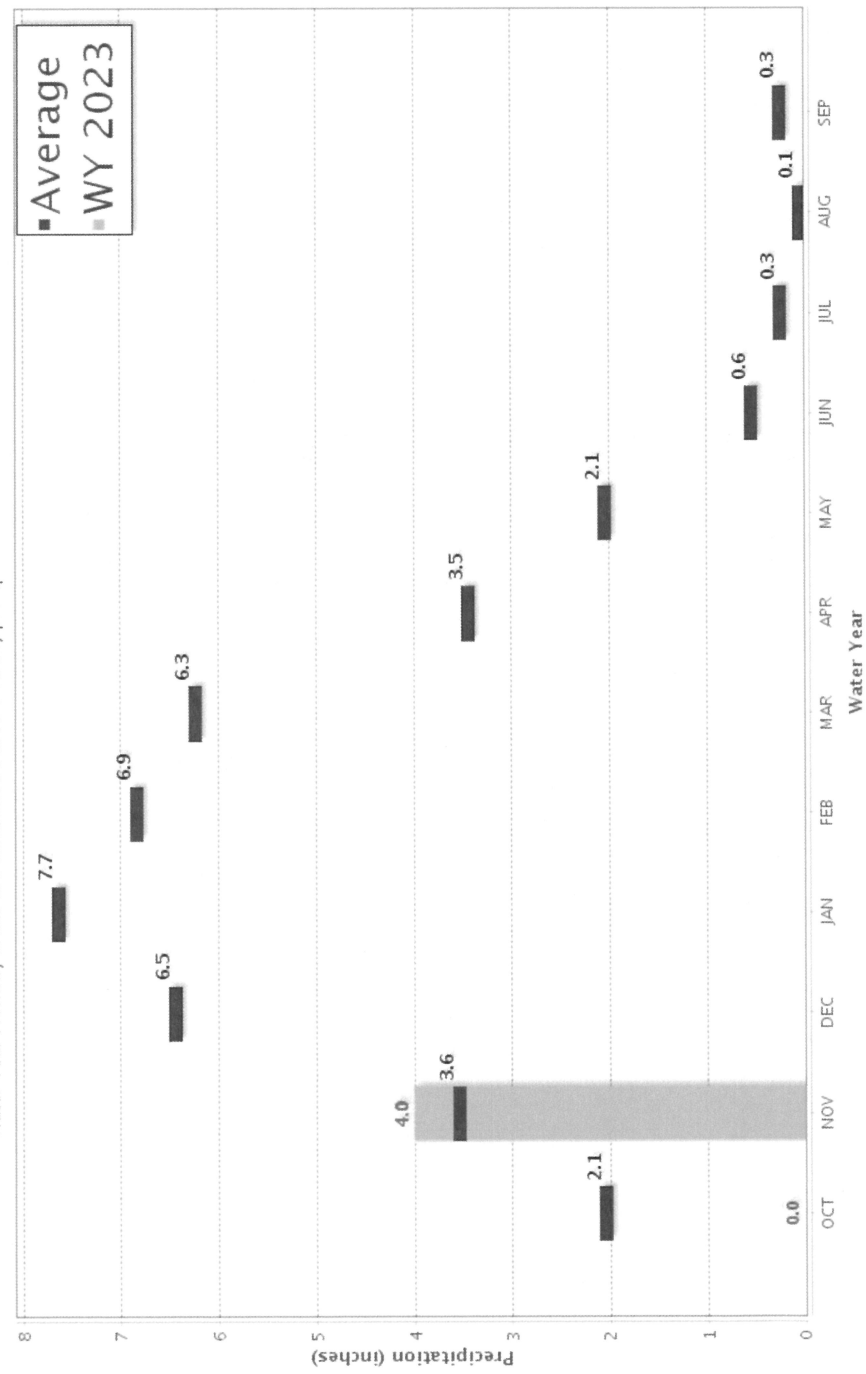
# Water Year 2021-2022 Extreme Variability

Weather Forecast Office  
 Sacramento, CA  
 Wednesday, November 16



## San Joaquin 5-Station Precipitation Index for Water Year 2023 - Updated on November 15, 2022 07:49 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

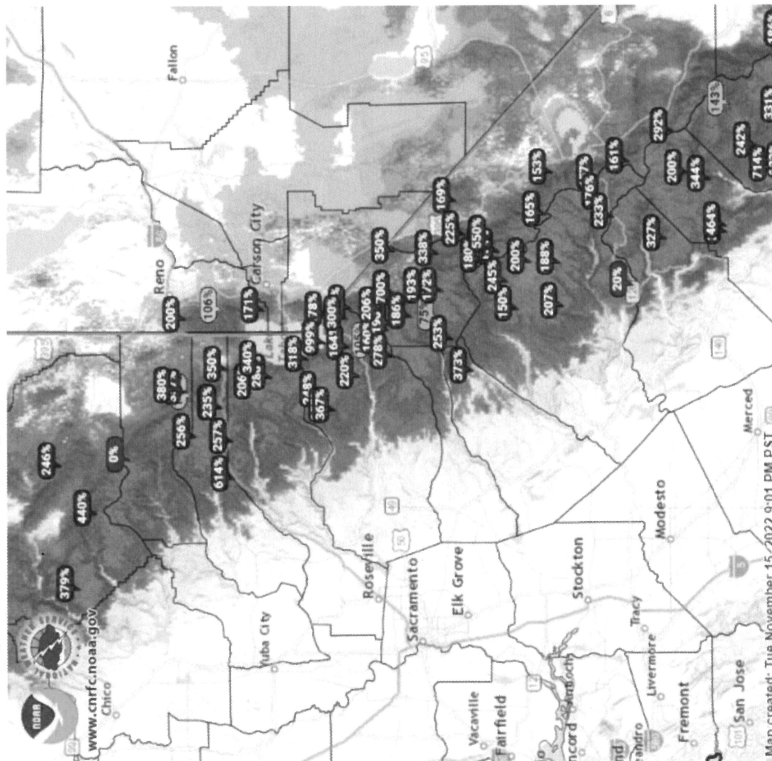




# Water Year 2021-2022

Weather Forecast Office  
 Sacramento, CA  
 Wednesday, November 16

Points: Snow Water Equivalent % of Normal  
 Image: Snow Water Equivalent from NOAA's NOHRSC



Map created: Tue November 15, 2022 9:01 PM PST  
 Valid: Tue Nov 15, 2022 at 4:00 AM PST



# Stockton Airport Precipitation

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

## Monthly Total Precipitation for STOCKTON AP, CA

Click column heading to sort ascending, click again to sort descending.

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Season
2016-2017	2.39	1.66	2.11	6.33	5.15	2.18	1.86	0.07	0.03	0.00	0.01	T	21.79
2017-2018	0.12	0.79	0.05	3.03	0.97	2.41	1.72	0.13	0.00	0.00	0.00	T	9.22
2018-2019	1.28	2.25	2.35	2.04	4.85	2.43	0.59	2.58	0.00	0.00	0.00	0.23	18.60
2019-2020	0.00	0.89	3.43	0.95	0.00	1.87	0.85	0.36	T	0.00	T	0.00	8.35
2020-2021	0.00	0.09	1.84	3.97	0.96	0.98	0.04	0.00	0.00	0.00	0.00	0.01	7.89
2021-2022	3.86	0.46	3.89	T	T	0.83	0.71	0.00	0.06	T	T	0.06	9.87
<b>Mean</b>	1.27	1.02	2.28	2.72	1.99	1.78	0.96	0.52	0.02	T	0.00	0.05	12.62
<b>Max</b>	3.86	2.25	3.89	6.33	5.15	2.43	1.86	2.58	0.06	T	0.01	0.23	21.79
<b>Min</b>	0.00	0.09	0.05	T	0.00	0.83	0.04	0.00	0.00	0.00	0.00	0.00	7.89
	2020	2020	2017	2022	2020	2022	2021	2022	2021	2021	2021	2020	2021

**WY 2021-2022 Total: 9.87" ~73% of normal to date**  
**Water Year Average Precipitation: 13.45"**



# Latest Drought Monitor

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

## U.S. Drought Monitor California

**November 8, 2022**  
(Released Thursday, Nov. 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	99.51	88.09	41.39	16.57
<b>Last Week</b> 11-01-2022	0.00	100.00	99.77	91.83	43.06	16.57
<b>3 Months Ago</b> 08-09-2022	0.00	100.00	99.77	97.52	45.81	16.53
<b>Start of Calendar Year</b> 01-01-2022	0.00	100.00	99.30	67.62	16.60	0.84
<b>Start of Water Year</b> 09-27-2021	0.00	100.00	99.76	94.01	40.91	16.57
<b>One Year Ago</b> 11-09-2021	0.00	100.00	100.00	92.43	80.28	37.62

**Intensity:**

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

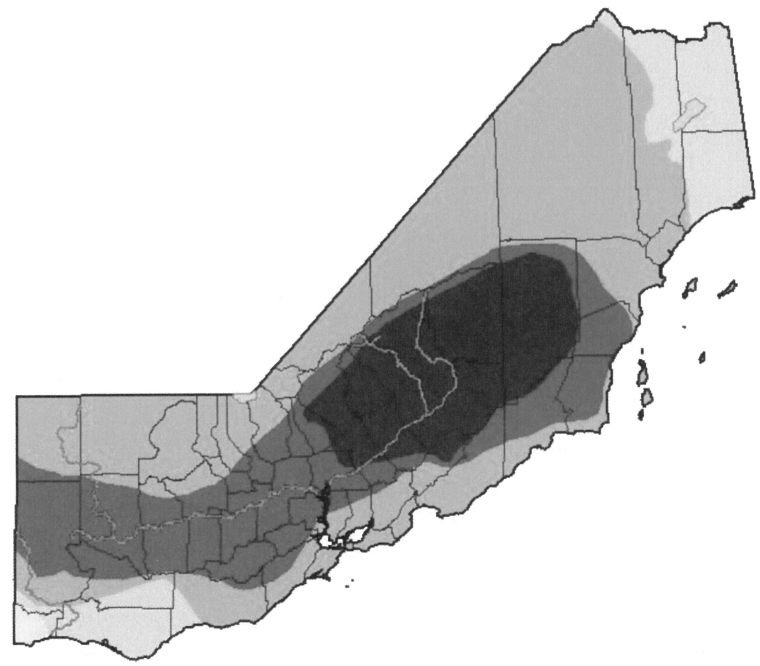
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

**Author:**

Brian Fuchs  
National Drought Mitigation Center



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

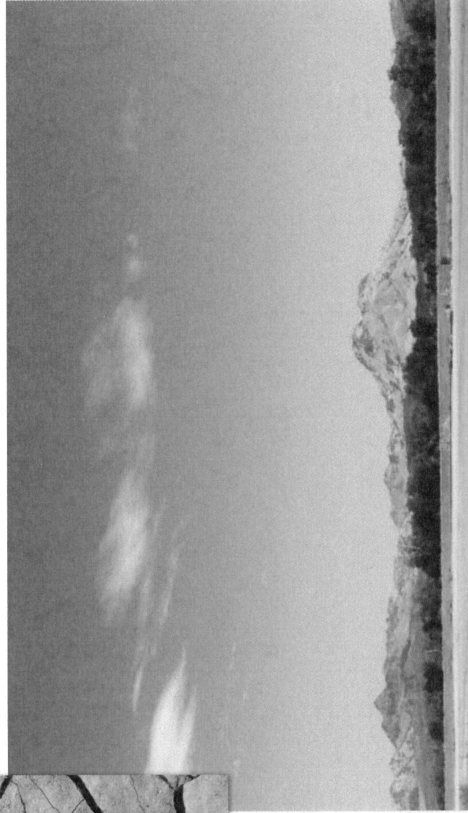
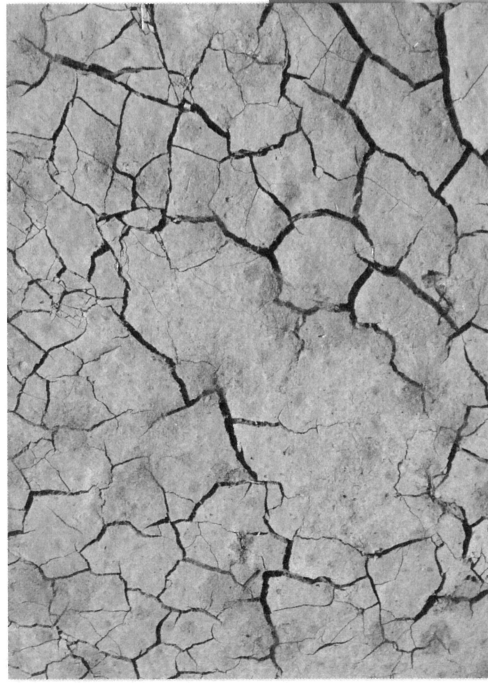






# Seasonal Outlooks

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16





## 2022 ENSO Predictions

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

**... According to the Climate Prediction Center ...**

**There is a 76% chance of La Niña during the Northern Hemisphere winter 4<sup>5</sup> (December-February) 2022-23, with a transition to ENSO-neutral favored in February-April 2023 (57% chance).**

**11/10/2022**

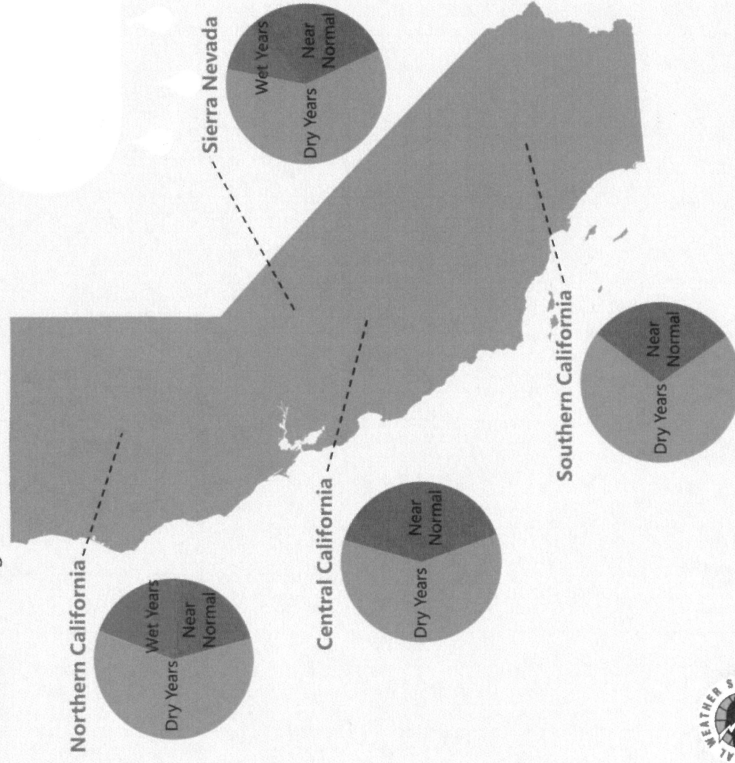


# Historical Weak La Niña Years vs WY Precipitation

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Wednesday, November 16

## Weak La Niña Conditions

Past La Niña events have historically favored near normal or dry winter months, but past conditions do not guarantee a future outcome



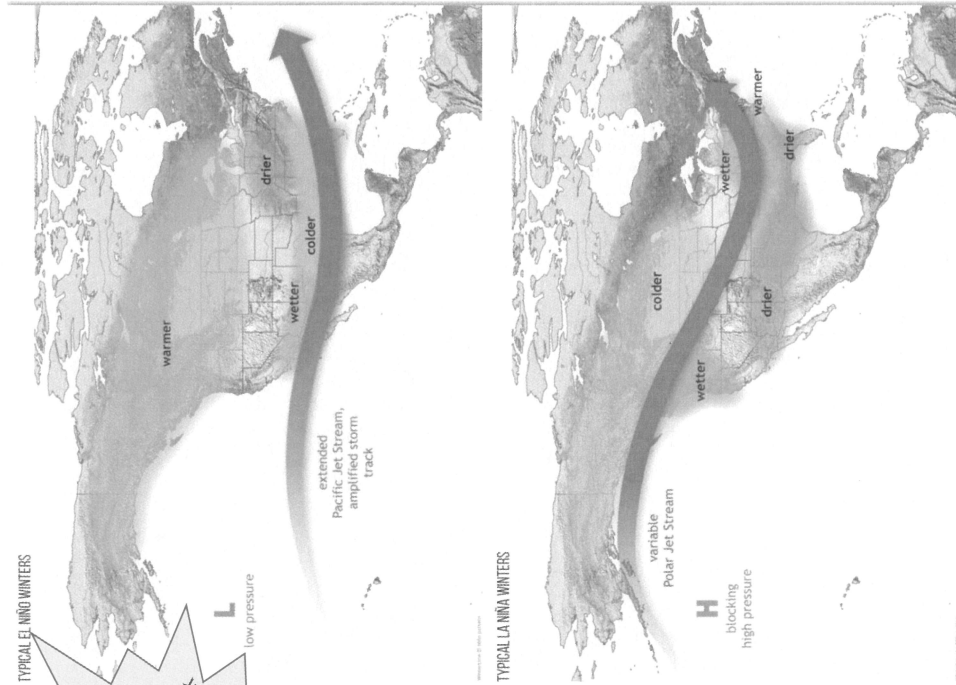
Based on 10 historical Weak La Niña Seasons  
Data: PRISM, Oregon State University



# ENSO Storm Tracks

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

El Niño? La Niña?  
Neutral?  
Think Storm Track  
Location!



## La Niña Year:

- California precipitation is highly dependent upon where the blocking high pressure system sets up in the Pacific

## As Always....

Our future water supply will be dependent upon the individual storms



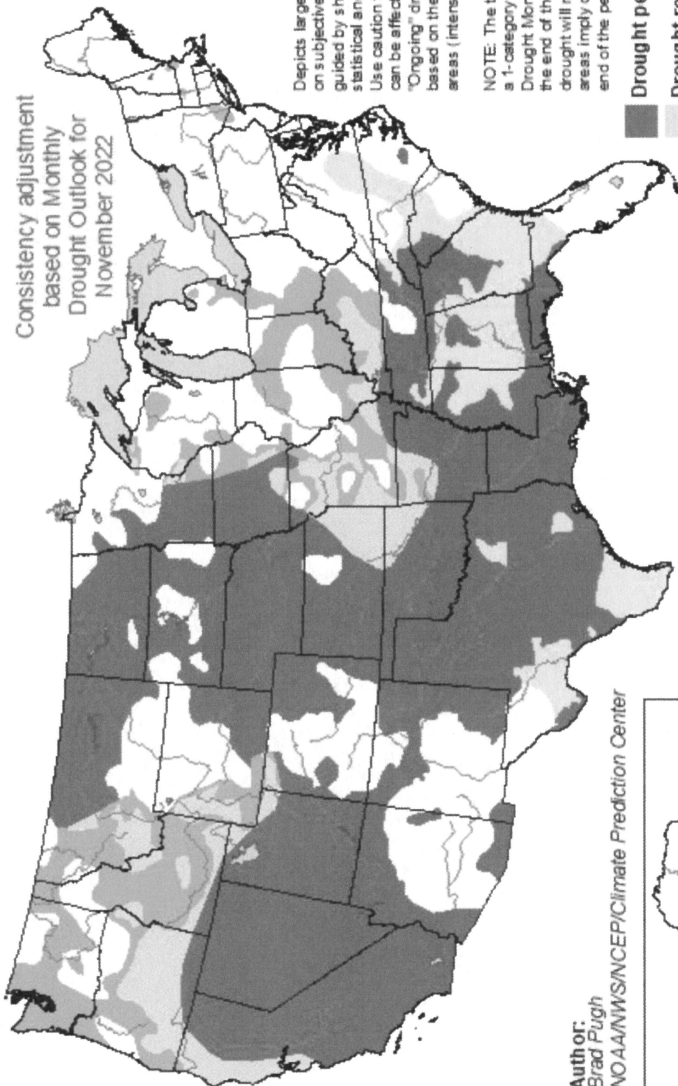
# US Drought Outlook

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for November 1, 2022 - January 31, 2023  
Released October 31, 2022

Consistency adjustment  
based on Monthly  
Drought Outlook for  
November 2022

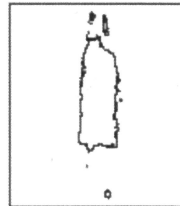
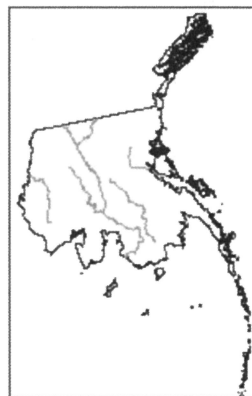


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short-lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains but improves
- Drought removal likely
- Drought development likely

Author:  
Brad Pugh  
NOAA/NWS/NCEP/Climate Prediction Center



<http://go.usa.gov/3eZ73>



# CPC 8 to 14 day Outlooks

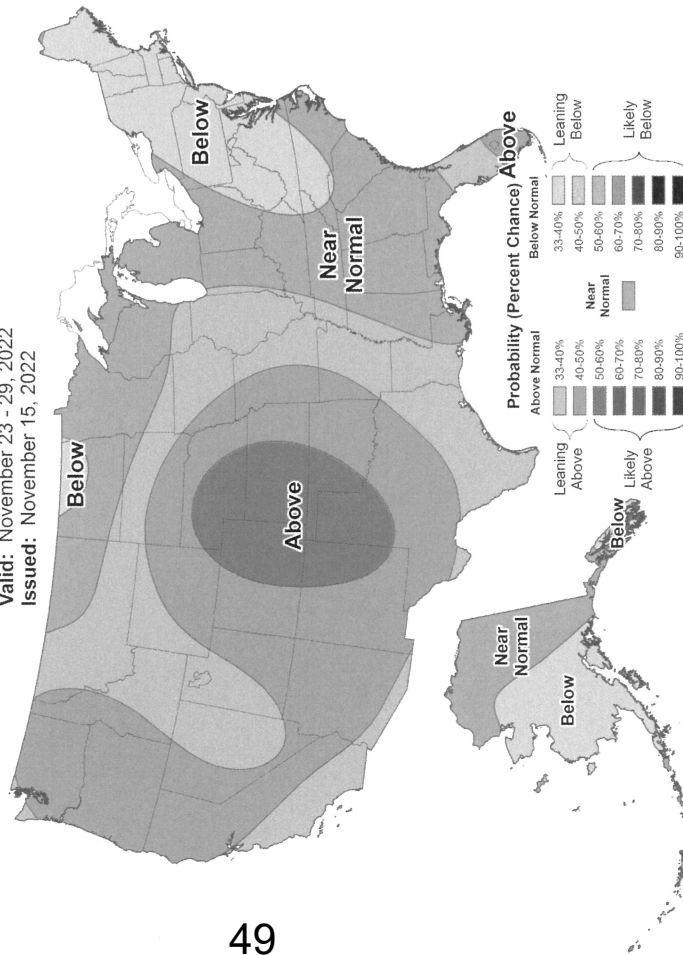
Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

## November



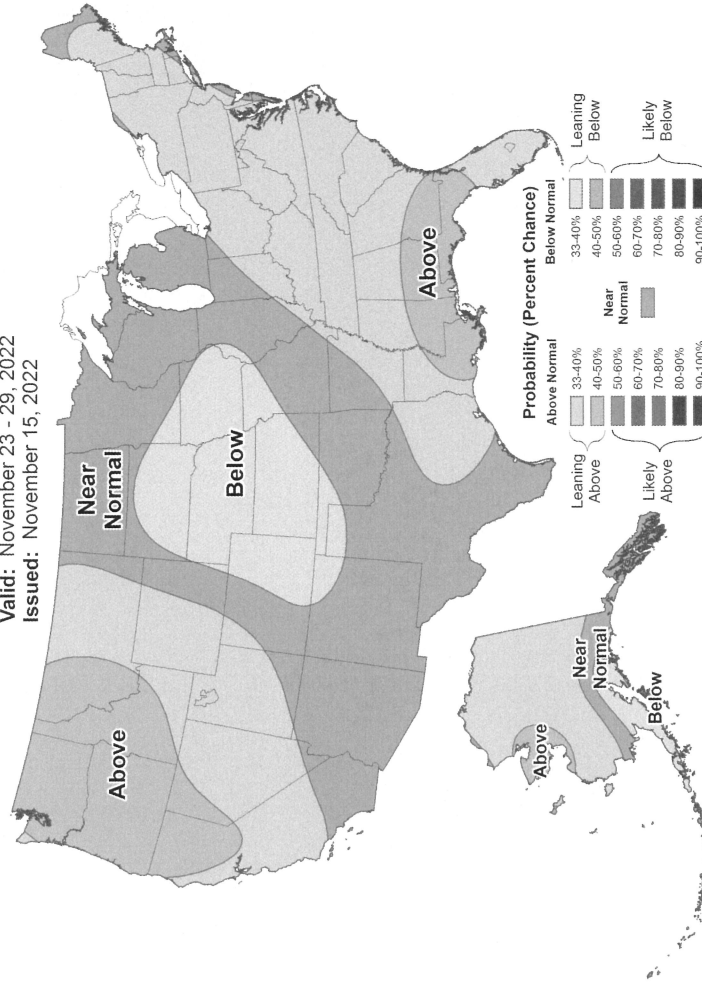
### 8-14 Day Temperature Outlook

Valid: November 23 - 29, 2022  
Issued: November 15, 2022



### 8-14 Day Precipitation Outlook

Valid: November 23 - 29, 2022  
Issued: November 15, 2022



Unshaded areas = Equal Chances, No Strong Indicators



# CPC 3 Month Outlooks

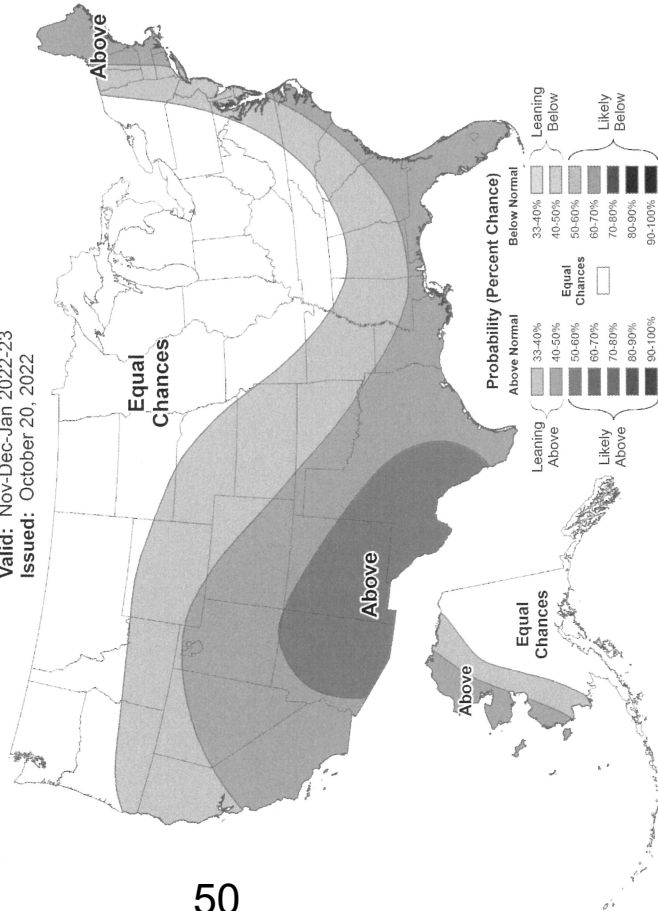
Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

## November - December - January



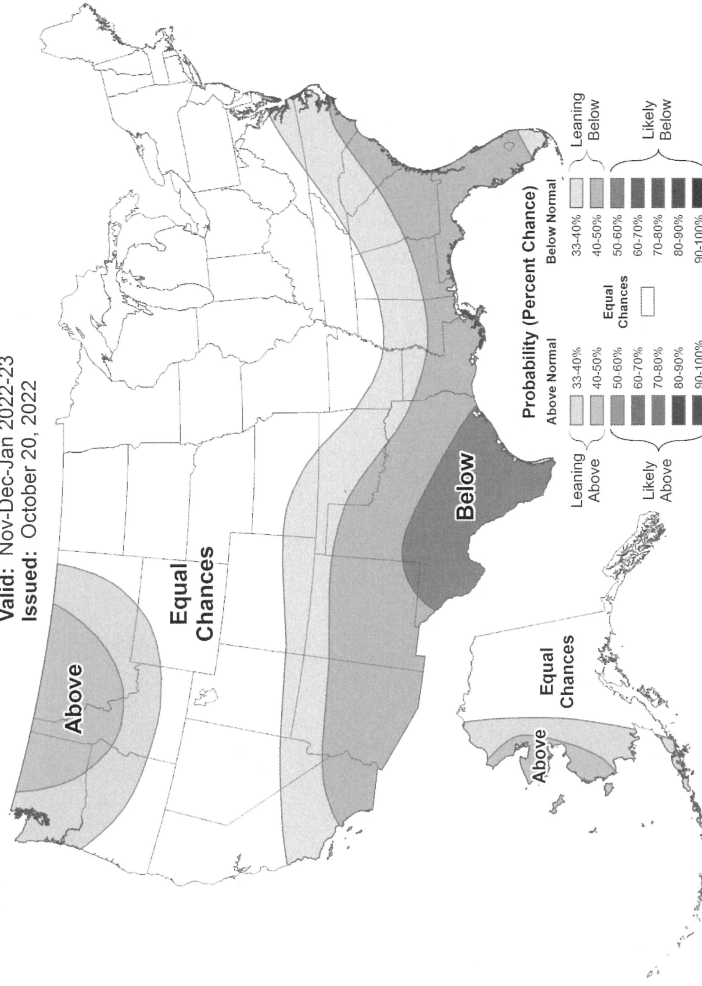
### Seasonal Temperature Outlook

Valid: Nov-Dec-Jan 2022-23  
Issued: October 20, 2022



### Seasonal Precipitation Outlook

Valid: Nov-Dec-Jan 2022-23  
Issued: October 20, 2022



Unshaded areas = Equal Chances, No Strong Indicators



# CPC 3 Month Outlooks

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Sacramento, CA  
Wednesday, November 16

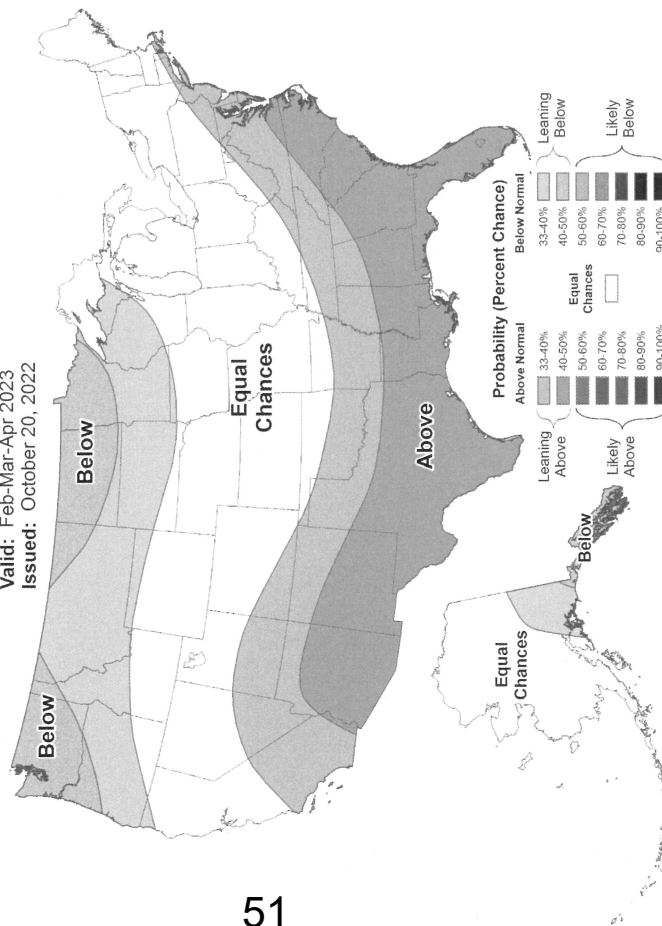
## February - March - April



### Seasonal Temperature Outlook



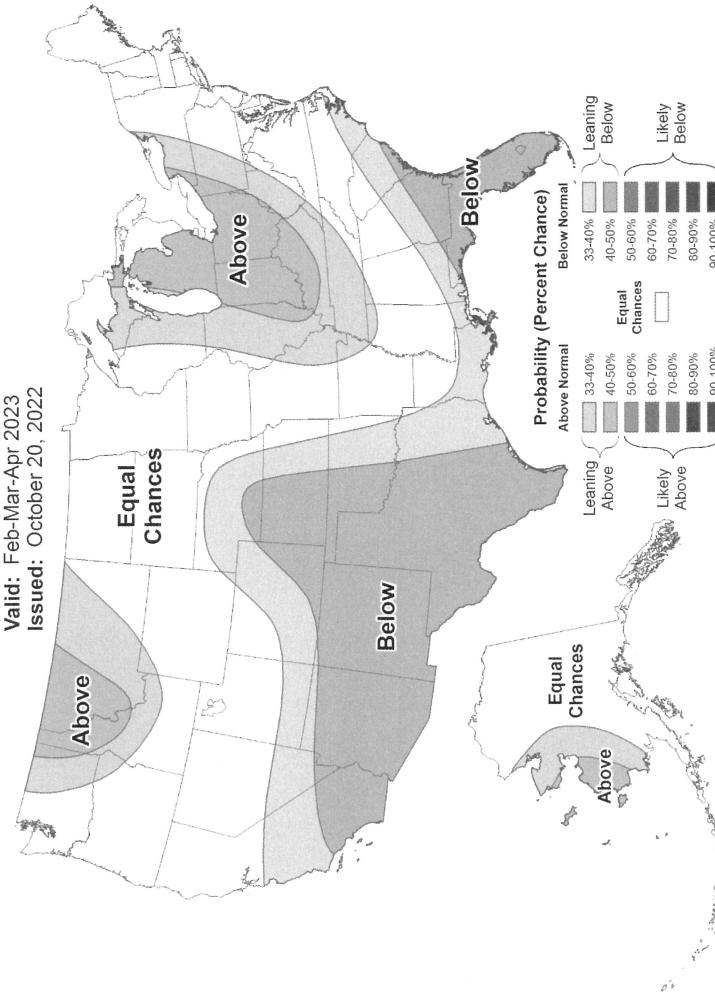
Valid: Feb-Mar-Apr 2023  
Issued: October 20, 2022



### Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2023  
Issued: October 20, 2022



Unshaded areas = Equal Chances, No Strong Indicators





# NWS Partner Emails

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16



**National Weather Service**  
National Oceanic and Atmospheric Administration

Weather Forecast Office  
Sacramento  
Friday, Oct 22, 2021

## Significant Rain and Snow this Weekend into Early Next Week

### KEY POINTS

- Periods of moderate to locally heavy rain could cause small stream and urban flooding
- Possible debris and ash flows on recently burned areas
- Breezy winds Sunday
- Winter Storm Watch in effect Sunday evening into Tuesday

### CHANGES FROM PREVIOUS BRIEFING

- Winter Storm Watch issued for Sunday night into early Tuesday
- Flood Watch in effect from Late Saturday night through Sunday

### WEATHER RISK OUTLOOK

Risk levels incorporate potential impacts from weather hazards and likelihood of occurrence.

	Fri 10/22	Sat 10/23	Sun 10/24	Mon 10/25	Tue 10/26	Wed 10/27	Thu 10/28
<b>Valley</b>	Rain	Rain	Rain/Wind	Rain	Rain	Rain	
<b>Foothills</b>	Rain/Debris Flows	Rain	Rain/Wind/Debris Flows	Rain	Rain	Rain	
<b>Mountains</b>	Rain/Debris Flows	Rain	Rain/Wind/Debris Flows	Snow	Snow	Rain	

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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### DETAILS

#### Valley, Foothills, Mountains

**Impacts:**

- Moderate to heavy rain may lead to roadway ponding and minor flooding of poor drainage areas, creating difficult commute conditions
- Periods of heavy rain with ash and debris flows possible on recently burned areas

**Timing:**

- Through this afternoon

**Confidence:**

- High

**Impacts:**

- Moderate to locally heavy rain through the afternoon today
- Ponding on roadways and increased travel times
- Isolated afternoon thunderstorms possible in northern Sacramento Valley and surrounding foothills

**Timing:**

- Mountain travel delays and chain controls possible

**Confidence:**

- Medium

**Snow levels:** 7000 - 9000 feet decreasing through the day

# Early heads up of impending weather

- Prior to traditional watches and warning

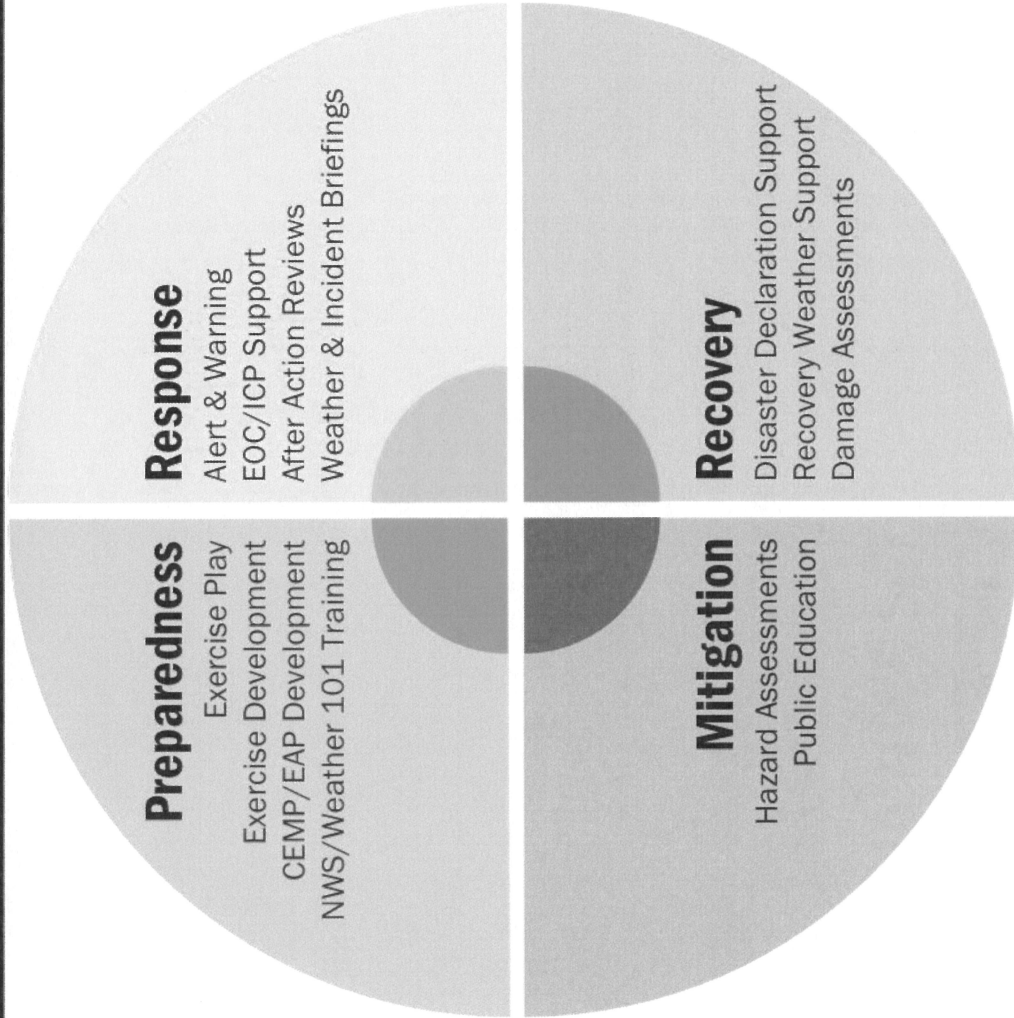
## To be added to partner email lists, email:

[nws.sacramento@noaa.gov](mailto:nws.sacramento@noaa.gov) or [courtney.carpenter@noaa.gov](mailto:courtney.carpenter@noaa.gov)



# Other Available NWS Services

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16





# Questions?

Weather Forecast Office  
Sacramento, CA  
Wednesday, November 16

If you have questions, or want to be added to partner email list, please contact:

## NWS SACRAMENTO

[cindy.matthews@noaa.gov](mailto:cindy.matthews@noaa.gov)

[craig.shoemaker@noaa.gov](mailto:craig.shoemaker@noaa.gov)

or

[courtney.carpenter@noaa.gov](mailto:courtney.carpenter@noaa.gov)

A Forecaster can be reached 24/7

 (916) 979-3045



[nws.sacramento@noaa.gov](mailto:nws.sacramento@noaa.gov)



(916) 979-3045



[weather.gov/sacramento](http://weather.gov/sacramento)



# November Meeting Agenda

10:00 a.m. November 18, 2022  
279-666-3100 / ID 218 624 66#

The meeting begins at 10:00 a.m. via MS Teams or the provided call-in number.

1. **Opening Business**
2. **Report on EC Meeting**
3. **2022 FAC Issues Matrix**

2022 FAC Issues Matrix – Updated 5/20/2022	
Priority Issues	Update
1. Future Costs and Potential Rate Impacts	Robert
2. Remediation of CVP Costs	
a. PL 111-11 XM Rate	Sabir
b. Remediation of 2014-2019 costs	(On hold)
c. Recharacterization of Reimbursability of Costs (BGT 02-02)	(On hold)
3. CVPIA	
a. True-up and Accounting BPG	Heather
b. Finance Plan	Brooke
c. Progress Activity Report (CPAR)	(On hold)
4. CBG’s CVP Reserved Works Application	Duane
5. CVP Final Cost Allocation (FCA) true-up	Sabir
6. Folsom SOD Cost Recovery - Dike 1-6	Sabir
7. Contractor Contact list	Lisa
Tracking Issues	
1. PL 116-260 Aging Infrastructure Account	Reclamation
2. WIIN Act Section 4007 Storage Projects	Vincent
3. Reclamation Manual Updates	Kevin
4. BORWORKS Enhancements	Sabir
5. Warren Act Rates for 2023	Sabir
6. Ability-to-Pay Studies	Steve
7. San Luis Joint Use O&M Cost Reallocation Study	Duane
8. Annual Budget Review with Stakeholders	Ed
9. Trinity PUD assessment collection	Sabir
10. WRDA 2022 draft language	Kevin

#### 4. 2022 FAC Presentations

2022 FAC Schedule of Presentations – Updated 7/15/2022		
Month	Topic	Presenter
January 18	2022 FAC Issues Matrix	Kevin Kasberg
February 18	Regional Director 2022 Priorities	Ernest Conant
March 18	Annual Budget Process	Ann Lubas-Williams
April 22	CVPIA Finance Plan	Brooke White
May 20	BORWORKS 101	Sabir Ahmad/Anthea Hansen
June 17	Reserved Works Application for Aging Infrastructure Account Funding	Duane Stroup, Ed Young, Ann Lubas-Williams
July 15	Future Costs	Robert Ward
August 19	Ratesetting 101 – Rate Development	Sabir Ahmad
September 16	Revenues	Christiane Washington
October 21	Planning (Storage Projects)	Vincent Barbara
November 18	Implementing the Cost Allocation	Steve Pavich
December 16	TBD	

#### 5. 2023 FAC Presentations

#### 6. 2023 Draft Rates Posted

<https://www.usbr.gov/mp/cvpwaterrates/ratebooks/index.html>

#### 7. Reorg at the FMD

#### 8. Reserved Works Application

#### 9. Water User's Conference Registration is Open

#### 10. November Presentation – Implementing Cost Allocation with Steve Pavich