



REVISED MINUTES
REGULAR BOARD MEETING
Wednesday, December 9, 2020, 12:00 P.M.

Board of Directors
Michael W. Mobley, President
Bruce E. Dandy, Vice President
Sheldon G. Berger, Secretary/Treasurer
Mohammed A. Hasan
Lynn E. Maulhardt
Edwin T. McFadden III
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

DIRECTORS PARTICIPATING

President Michael W. Mobley
Vice President Bruce E. Dandy
Secretary/Treasurer Sheldon G. Berger (virtual)
Mohammed A. Hasan
Lynn E. Maulhardt
Edwin T. McFadden III (virtual)
Daniel C. Naumann

STAFF PARTICIPATING

Mauricio E. Guardado, Jr., general manager
David D. Boyer, legal counsel
Dr. Maryam Bral, chief engineer (virtual)
Anthony Emmert, assistant general manager
John Carman, operations and maintenance program supervisor (virtual)
Brian Collins, operations and maintenance manager
Dan Detmer, supervising hydrogeologist
Joseph Jereb, chief financial officer
Kathleen Kuepper, hydrogeologist
Evan Lashly, environmental scientist
Tessa Lenz, associate environmental scientist
Tim Lewsadder, recharge operations and maintenance worker I
Murray McEachron, principal hydrologist
Craig Morgan, senior engineer (virtual)
Josh Perez, human resource manager
Zachary Plummer, IT administrator
Linda Purpus, senior environmental scientist (virtual)
Robert Richardson, senior engineer (virtual)
James "JD" Smallwood, recharge operations and maintenance worker I
Kris Sofley, executive administrative coordinator/clerk of the board
Clayton Strahan, chief park ranger
Dr. Jason Sun, senior hydrogeologist/modeler (virtual)

PUBLIC PARTICIPANTS

Bob Allen (virtual)
Dennis Cardoza (virtual)
Y Gutierrez (virtual)
Patrick Kelley
Burt Handy (virtual)
Aubrey Mescher (virtual)
Cliff Rodrigues (virtual)
Eric Schaad (virtual)

Jennifer Tribo, Ventura Water (virtual)

Maria Ventura (virtual)

1. FIRST OPEN SESSION 12:00 P.M.

President Mobley called the meeting to order at 12:04p.m.

**1.1 Public Comments
Information Item**

President Mobley asked if there were any comments from the public. None were offered.

President Mobley asked Legal Counsel to outline the Board's discussion for the Executive (Closed) Session. Mr. David Boyer, District's legal counsel, stated that the Board would be discussing one case of anticipated litigation pursuant to Government Code Section 54956.9(d)(2); and cases of existing litigation including three cases with the City of San Buenaventura; one with the Wishtoyo Foundation and one regarding Josey Hollis Dorsey and the estate of Naya Rivera, pursuant to Government Code Section 54956.9(d)(1).

President Mobley adjourned the meeting to Executive Session at 12:06p.m.

1.2 EXECUTIVE (CLOSED) SESSION 12:06 P.M.

[As requested by Director Hasan at the UWCD Board meeting of January 13, 2021, the Minutes are revised to indicate that Director Hasan was not included in the Executive (Closed) Session portion of the Board meeting. This was due to the fact that Director Hasan did not take his Oath of Office, which "officially" installed him as a Board Director until the Second Open Session, item 2.9, which occurred after Executive Session.]

2. SECOND OPEN SESSION AND CALL TO ORDER 1:15 P.M.

President Mobley called the Second Open Session of the meeting to order at 1:15p.m. Clerk of the Board took roll: six Directors present (Berger, Dandy, Maulhardt, McFadden, Mobley, Naumann)

2.1 Pledge of Allegiance

President Mobley asked Director Naumann to lead everyone in the Pledge of Allegiance.

**2.2 Public Comment
Information Item**

President Mobley asked if there were any comments from the public. None were offered.

2.3 Approval of Agenda

Motion

President Mobley asked if there were any changes to the agenda. General Manager Mauricio Guardado replied that the agenda was unchanged. President Mobley asked for a motion.

Motion to approve the agenda, Director Naumann; second, Director McFadden. Roll call vote: six ayes (Berger, Dandy, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 6/0.

2.4 Oral Report Regarding Executive (Closed) Session

Information Item

President Mobley asked District Legal Counsel to report out of Executive (Closed) Session.

Mr. Boyer reported that the Board took no action in Executive (Closed) Session that is reportable under the Brown Act.

2.5 Board Communication

Information Item

Director Maulhardt reported his participation at the Engineering Committee meeting on November 5 and the Board meeting on November 10.

Director Dandy reported attending the Finance Committee meeting on November 9 and the Board meeting on November 10 as well as his participation in two meetings of the AWA-VC – a regular meeting on November 19 and the Water Issues Committee meeting on November 17; and two meetings of the Oxnard Chamber of Commerce, one on November 11 and one on November 12.

Director Naumann reported his participation at the Board meeting on November 10, the Water Resources Committee meeting on November 3 and the Engineering and Operations Committee on November 5 and the Special Engineering and Operations Committee meeting on November 9. He attended a meeting with the GM and Director Maulhardt on November 3 and a meeting with Mr. Boyer and the District's consultant Dr. Mathis on November 29. He also participated in the Regional Defense Partnership for the 21st Century meeting on November 3 and the virtual AWA-VC Elected Officials and Leadership reception.

Director Berger reported his participation in the Finance Committee meeting on November 9 and Board Meeting on November 10, as well as a Special Executive Committee meeting on November 18. He also participated in the AWA-VC Symposium on November 19 and the AWA-VC Board meeting on November 5.

Director McFadden reported his participation at the Fillmore and Piru Basins GSA Board meeting on November 19, the UWCD Engineering and Operations

Committee meeting on December 3, today's Board meeting and he will be participating in a FPBGSA Stakeholder Workshop later tonight.

President Mobley reported his participation in the Fox Canyon GMA meeting on December 2, a Mound Basin GSA Board meeting on November 19 and an upcoming MBGSA Board meeting on December 17, a Special UWCD Executive Committee meeting on November 18 and a prep meeting with the GM on December 8 to prepare for today's Board meeting.

2.6 General Manager's Report

Information Item

General Manager Mauricio Guardado introduced Operations and Maintenance Manager Brian Collins, who introduced two new staff members: James "JD" Smallwood who has joined the District as a recharge operations and maintenance worker I, and Tim L. Tim Lewsadder, who is also a recharge operations and maintenance worker I. Mr. Collins provided the Board with background information on both gentlemen and stated that these new staffers represented the next generation of United's team.

Mr. Guardado then expressed his excitement regarding the passage of the Water Resources Development Act of 2020 in Congress and that once the Senate voted, the legislation would be on the President's desk for signature before the end of the year. Mr. Guardado thanked Senator Feinstein and especially Congresswoman Julia Brownley for their support on this important amendment. Mr. Guardado also mentioned that he is working in coordination with Congresswoman Brownley's office on a press release that will be distributed once the President signs this new legislation into law.

Mr. Guardado then asked Mr. Boyer to address AB992 regarding virtual meetings and social media. Mr. Boyer explained to the Board that this new legislation goes into effect January 1, 2021 and only impacts Board members. The law clarifies Board members use of social media, saying it is okay to respond to a member of the public's question through social media posts, but that Board members cannot comment on other Board members' posts or comments, as that could be construed as a serial meeting, which is prohibited by the Brown Act. Mr. Boyer cautioned the Board to be mindful of this new law.

2.7 Update on Public Health Mandates Regarding Coronavirus Pandemic (COVID-19)

Information Item

Human Resources Manager Josh Perez provided the Board with an update on the latest measures being taken and recommended by the State of California Department of Public Health, Center for Disease Control and World Health Organization, among other sources, as well as executive orders from County Public Health officials, CA Governor Newsom and President Trump regarding the COVID-19 virus. He added that with the escalating number of COVID-19 cases in the County and the increase in hospitalizations, the County would be closing again.

He also reported that Ventura County, Santa Barbara County and San Luis Obispo County were attempting to be reclassified as “Central Coast” rather than be included in the “Southern California” region, as Los Angeles’ numbers are negatively impacting these counties tier level. In the meantime, staff continue to work remotely, when practical, and are practicing social distancing, wearing mask and other public safety measures.

2.8 Presentation of Proclamation in Recognition of Director Patrick J. Kelley

Ceremonial Item

President Mobley called former Director Patrick J. Kelley up from the audience in the Boardroom and asked him to join him at the podium. President Mobley had a framed proclamation from the UWCD Board of Directors, recognizing Mr. Kelley’s many contributions and services to the District, which President Mobley synopsised in presenting the proclamation to Mr. Kelley.

Director Berger addressed Mr. Kelley saying that he did an outstanding job as the interim Board member and that his financial background was very beneficial to the Finance Committee and Board overall. Director Berger added that he hopes Mr. Kelley will stay connected with the District and thanked Mr. Kelley for a job well done.

Director McFadden told Mr. Kelley that it was a pleasure working with him and thanked Mr. Kelley for his service.

Director Naumann stated that he has known Mr. Kelley for decades and that his strength comes from his love for family, which has been beneficial in building relationships with the farming community and making things happen. He also thanked Mr. Kelley for his time and his service.

Director Maulhardt said he has known Mr. Kelley since his early days with Farm Credit West and it has been a pleasure to see him apply his efforts and energy to the District’s issues, responding in a calm and reasonable manner to reach solutions. Director Maulhardt said he appreciated all that Mr. Kelley has done for the District and wished him the best of luck in his future endeavors.

Director Dandy thanked Mr. Kelley for his service to the District, including sharing his financial knowledge and expertise with the Bond issuance. Director Dandy said he will miss Mr. Kelley’s insight, and wished him well.

President Mobley said he appreciated Mr. Kelley filling the void in Division 2 and that because of Mr. Kelley’s background, experience and knowledge, the Board was able to trust his guidance and that Mr. Kelley’s financial acumen was a bonus. President Mobley added that with Mr. Kelley’s help, the Board was able to create stronger bridges with the City of San Buenaventura and that the leadership of the District would always remember his service to the District.

Mr. Kelley then addressed the Board, saying that they were probably not expecting a rebuttal, and in the spirit of Director Maulhardt, he will be brief in his comments. Mr. Kelley congratulated Mr. Hasan, saying that Mr. Hasan will do well with the fine folks here at the District. Mr. Kelley said he was proud to fill a need with his education, work experience, background and history with the District. Mr. Kelley said that Mr. Guardado and the District staff are talented individuals whose reports, planning and projects demonstrate the excellent work performance of the team. He then said that every member of the District should be proud of the service the District provides to the community. Mr. Kelley ended by invoking what he called an old Irish toast, saying “As you stand at the top of the stairs and slide down the banister of life, may the splinters never point the wrong way.”

2.9 Oaths of Office – United Water Conservation District Division 4, Division 5, Division 6, Division 7, Division 2, and Division 3

Motion

The Clerk of the Board, as a Deputy County Clerk, administered the Oath of Office to Director Berger, Director Dandy, Director Maulhardt and Director Naumann as they each begin a new four-year term on United’s Board of Directors; and administer the Oath of Office to Director Mobley and the newly elected Director Hasan, each of whom begins a new two year or short term on United’s Board of Directors.

Director Hasan stated that over 11,000 people voted for him, many of whom were friends. He thanked those friends for helping to get him elected, and his wife for putting up with him. Director Hasan said his first interaction with the District was in 1979, that he had met Irv Wilde and Jim Grisham, interviewed for the General Manager’s position in the early 1980s and various other positions since. He said it has been a long journey and that he appreciated the help from the General Manager, District’s Legal Counsel, and Dr. Mathis. He added that he is a team player and looks forward to working as a member of the Board of Directors.

As requested by Director Hasan at the UWCD Board meeting of January 13, 2021, the Minutes are revised to include a text of Director Hasan’s remarks following his Oath of Office. [The following text was provided by Director Hasan]

“Thank you, Mr. President!

I would like to first start by thanking those that have voted for me-over 11,000 people, I am grateful. Then, I would like to thank those that helped me get elected--all my wonderful friends that tirelessly worked so that I can make it! I am grateful to my wife for putting up with me during this time.

Although I knew about the District a few years before, I attended my first board meeting in 1979 when I became the Utilities Superintendent of the city of Oxnard. Since, I have known and worked with great individuals such as Irv Wilde, Gene Perello, and Phil Drescher. I liked the District so much, I tried to work here. I was interviewed for General Manager position in the early eighties and various positions since. I tried to get in on the board when I interviewed with this board

for the short term position early this year. You can say, it has been a long journey!

Since the election, the help I received from our GM, counsel, and Dr. Bill has been tremendous. So is Kris Sofley. I appreciate all of you.

It was brought up that I may know a lot about water due to my background than some others, but I just want to remind you of the saying “A tree that has a lot of fruits, bends”. I am here to work with this board, and present ideas, suggestions and comments to the board. Board makes the decisions. I am known as a team player.

*Finally, in Spanish we say, Lo demas es lo de menos.
Thank you”*

3. **CONSENT CALENDAR: All matters listed under the Consent Calendar are considered routine by the Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member pulls an item from the Calendar. Pulled items will be discussed and acted on separately by the Board. Members of the public who want to comment on a Consent Calendar item should do so under Public Comments. (ROLL CALL VOTE REQUIRED)**

A. **Approval of Minutes**
Motion

Approval of the Minutes for the Regular Board Meeting of November 10, 2020.

B. **Groundwater Basin Status Reports**
Information Item

Receive and file Monthly Hydrologic Conditions Report for the District.

C. **Monthly Investment and Pipeline Delivery Report**
Information Item

Report on the District’s investments and the availability or restriction of these funds. All investments are in compliance with the District’s investment policy, which is reviewed and approved annually by the Board.

D. **Comprehensive Annual Financial Report (CAFR) presented by the District’s Auditors Vasquez & Co.**
Information Item

The Board will receive the Comprehensive Annual Financial Report (CAFR) from the District’s auditors Vasquez & Co.

Motion to approve the Consent Calendar, Director Maulhardt; Second, Director Naumann. Roll call vote: seven ayes (Berger, Dandy, Hasan, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 7/0.

4. MOTION ITEMS (By Department)

Administrative Services Department – Joseph Jereb

4.1 Budget Transfer (Fund 420) in the amount of \$200,000 from Legal Fees (Fund/Account 420-600-52510) to Professional Fees (Fund/Account 420-600-52220) – No net fiscal impact

Motion

Chief Financial Officer Joseph Jereb addressed the Board and explained that the requested transfer was to cover unanticipated expenditures to secure regulatory authorizations for sediment management activities at the Freeman Diversion.

Environmental Services Manager Linda Purpus added that the requested transfer amount was for consultants' support in securing regulatory authorizations and that due to the court order issued in August, there has been a reduction in funding needed for legal expenses.

Director Berger reported that the Finance Committee reviewed the requested transfer of funds and recommends Board approval of the motion.

Director Hasan asked how often these transfer requests occur. Mr. Jereb said after the Budget is adopted in June, sometimes adjustments or transfers of funds are necessary and that the Board needs to approve requests over a specific dollar amount threshold. Mr. Guardado clarified that this is a request to move money from one area to another and is not a request for more funding, and does not have a net fiscal impact.

Motion to authorize a budget transfer in the amount of \$200,000 within Fund 420 from legal fees (Fund/Account 420-600-52510) to professional fees (Fund/Account 420-600-52220), Director Berger; Second, Director Maulhardt. Roll call vote: seven ayes (Berger, Dandy, Hasan, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 7/0.

Operations and Maintenance Department – Brian Collins

4.2 Pleasant Valley County Water District Supplemental Appropriation of Funds to Perform Valve Replacement Activities at the Pleasant Valley (PV) Reservoir

Motion

Operations and Maintenance Manager Brian Collins addressed the Board and explained the supplemental appropriation of funds in the amount of \$225,000 is requested to replace the above ground valves at the Pleasant Valley Reservoir.

Director Dandy asked if there were sufficient funds in the PV Enterprise Fund. Mr. Jereb said yes, as was reported to the Finance Committee yesterday. He added that due to the 4,200 acre feet delivery of surface water which was unbudgeted there is revenue in the fund and a reduction in projected expenses.

Motion to approve a supplemental appropriation of \$225,000, to support unbudgeted maintenance activities at the Pleasant Valley (PV) Reservoir, Director

Naumann; Second, Director McFadden. Roll call vote: seven ayes (Berger, Dandy, Hasan, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 7/0.

4.3 Authorize the Supplemental Appropriation of Funds to Purchase the Eddy Pump Dredge Equipment

Motion

Mr. Collins addressed the Board to explain that the requested supplemental appropriation of \$122,801 was to support the unbudgeted purchase of dredging equipment and that the District was moving forward on the purchase at this time as it had accrued a credit of \$42,000 towards the equipment purchase prices based on the District's recent rental of the equipment. Mr. Collins then presented slides depicting staff's analysis of the cost savings supporting the equipment purchase (see attached slides).

Director Maulhardt said that this purchased had been discussed at length during the Engineering and Operations Committee meeting and that he appreciates the additional information provided. He said it was important for the public to understand the impact of the District's efforts in securing permitting, sediment mitigation and other efforts that allow for greater recharge and surface deliveries. He continued stating that the release from Santa Felicia Dam also had side benefits in that the lower lake level provided for cost savings in the performance of various studies required as part of the District's Santa Felicia Dam Safety Improvement project. He said the Engineering Department gets a huge win, that Pleasant Valley was thrilled with the surface water delivery and the District needs to communicate the value of these actions. He also said he appreciates staff's ability to work with vendors to purchase equipment at significant savings, while also saving electrical costs, recharging the aquifer and providing efficiencies for the necessary engineering work at the Santa Felicia Dam.

Mr. Collins thanked Director Maulhardt for his statements and added that there is another benefit in that the nitrate levels were diluted at a time that typically sees low well levels and higher nitrate levels. Director Maulhardt said he was thrilled that Mr. Collins brought that up, adding that the reason for the creation of the Santa Felicia Dam was to recharge the forebay to improve the water quality of Oxnard wells and that diluting nitrate levels also creates a reduction in iron and manganese treatment.

Director Naumann stated that the Finance Committee had discussed the surface deliveries to Pleasant Valley, Pumping Trough and Oxnard Hueneme pipelines. Mr. Collins said that the delivery of surface water to ag users and then to M&I users in the evenings was a unique and very successful effort that the public recognizes.

Motion to approve a supplemental appropriation of \$122,801 to support the unbudgeted purchase of dredge equipment, Director Maulhardt; Second, Director Hasan. Roll call vote: seven ayes (Berger, Dandy, Hasan, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 7/0.

Park and Recreation Division – Clayton Strahan

4.4 Resolution 2020-19 Approving an Amended and Restated Ordinance No. 15 to Amend the Established Rules and Regulations for the Lake Piru Recreation Area and Extend the Authority Granted to the District’s Park Ranger Personnel

Motion

Chief Ranger Clayton Strahan addressed the Board regarding the requested approval of Resolution 2020-19, which would adopt the amended and restated Ordinance No. 15, thereby extending the authority granted to the District’s Park Ranger personnel. As Chief Strahan explained, he has brought this motion to the Engineering and Operations Committee and the Finance Committee after addressing the concerns and objections expressed by the Board when he initially presented the motion back in September.

Director Maulhardt said the Engineering and Operations Committee were first concerned about the breadth and scope defined and requested language changes to address those concerns. As now stated, the Recreation personnel can help when and where needed, in a limited scope, so that the District can “take care of our own.”

Motion to adopt Resolution 2020-19, approving an amended and restated Ordinance No. 15, amending established rules and regulations for the Lake Piru Recreation Area and extending the authority granted to the District’s Park Ranger personnel, Director Maulhardt; Second, Director Naumann. Roll call vote: seven ayes (Berger, Dandy, Hasan, Maulhardt, McFadden, Naumann, Mobley); none opposed. Motion carries unanimously 7/0.

5. PRESENTATIONS AND MONTHLY STAFF REPORTS (By Department)

Operations and Maintenance – Brian Collins

5.1 Monthly Operation and Maintenance Department Report
Information Item

Mr. Collins presented an overview of the monthly operations and maintenance activities regarding District facilities (see attached presentation).

Park and Recreation Department – Clayton Strahan

5.2 Monthly Park and Recreation Department Report
Information Item

Chief Strahan presented an overview of the monthly operations and items of note regarding the Lake Piru Recreation Area (see attached presentation).

Water Resources Department – Maryam Bral

5.3 Monthly Water Resources Department Report
Information Item

Dr. Bral introduced Supervising Hydrogeologist Dan Detmer to present an overview of the monthly Water Resources Department activities (see attached).

Mr. Detmer also responded to questions from the Board regarding premature notification by certain government agencies that the drought was over.

Mr. Detmer introduced Principal Hydrologist Murray McEachron to present an overview of the District's 2020 96-Day Continuous Release (see attached).

5.4 Update on Groundwater Sustainability Agencies (GSAs) and Sustainable Groundwater Management Act (SGMA)

Information Item

Mr. Detmer presented an overview of the monthly activities of the three local Groundwater Sustainability Agencies (Mound Basin GSA, Fillmore and Piru Basins GSA, and the Fox Canyon Groundwater Management Agency), for which the District serves as a member director, and Santa Paula basin (adjudicated) Technical Advisory Committee.

Administrative Services Department - Anthony Emmert

5.5 Monthly Administrative Services Department Report – Anthony Emmert
Information Item

The Board received the summary report on Administration Department activities. President Mobley asked if the Board had any questions or comments. None were offered.

Engineering Department – Maryam Bral

5.6 Monthly Engineering Department Report
Information Item

The Board received a summary report on various water resources, planning efforts and department programs affecting the District. President Mobley asked if the Board had any questions or comments. None were offered.

Environmental Services Department – Linda Purpus

5.7 Monthly Environmental Services Department Report
Information Item

The Board received a summary report on environmental and regulatory issues of note to the District. President Mobley asked if the Board had any questions or comments. None were offered.

6. BOARD OF DIRECTORS READING FILE

7. FUTURE AGENDA ITEMS

President Mobley asked if there were any topics the Board members would like to address at future meetings. None were offered.

8. ADJOURNMENT 3:29p.m.

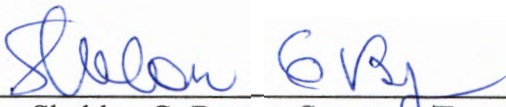
President Mobley adjourned the Board to the **Regular Board Meeting scheduled for Wednesday, January 13, 2021** or call of the President.

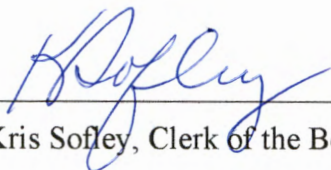
UWCD Board of Directors Meeting Agenda

December 9, 2020

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I certify that the above is a true and correct copy of the minutes of the UWCD Board of Directors meeting of December 9, 2020.

ATTEST: 
Sheldon G. Berger, Secretary/Treasurer

ATTEST: 
Kris Sofley, Clerk of the Board



Board of Directors
Michael W. Mobley, President
Bruce E. Dandy, Vice President
Sheldon G. Berger, Secretary/Treasurer
Patrick J. Kelley
Lynn E. Maulhardt
Edwin T. McFadden III
Daniel C. Naumann

General Manager
Mauricio E. Guardado, Jr.

Legal Counsel
David D. Boyer

ATTENDANCE LIST

MEETING DATE: Wednesday, December 9, 2020 12noon

MEETING: UWCD Regular Board of Directors Meeting

The signing or registering of your name on this sign-up form is not required but is voluntary. All persons may attend the meetings of the Board of Directors of United Water Conservation District without signing or registering their names on this form.

Name (Please Print)

Representing

Pat Kelley

4.3 EDDY PUMP ANALYSIS

DECEMBER 9, 2020

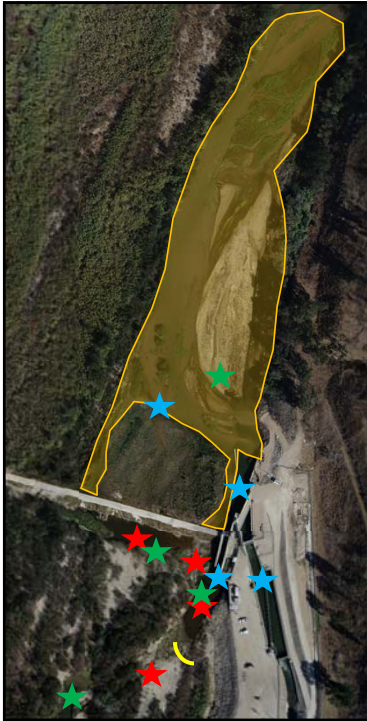
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2020 Freeman Diversion Sediment Management Summary				
EQUIPMENT RENTAL TOTAL	\$127,812.50		\$9.85	Additional \$/AF
Freeman- Acre feet diverted	12,981			
Basin Benefits			Lake Piru Benefits	
Groundwater Recharge			\$150,000 Savings	
Nitrate Dilution			SFD Drilling	
Agricultural Surface Water			Program	
Water Quality Improvement				
Reduced Pumping				
Electrical Savings				

2




1



PRE-PROJECT ACTIVITIES- ES

- ★ Snorkel surveys/underwater inspections
- ★ Inundation/Stranding surveys
- ★ Hydraulic control surveys
- ★ Water quality monitoring
- ★ Place block netting downstream
- Scout potential relocation sites
 - Santa Paula Creek
 - SCR mainstem at Willard Canyon



2

An aerial photograph of a river section featuring a dam. The river is divided into several pools and channels. Various colored stars and arrows are overlaid on the image to indicate specific activities: blue stars are placed along the top and middle sections of the river; a yellow star is in a pool below the dam; a green star is further downstream; a red star is at the bottom left; a yellow curved arrow points from the bottom left towards the center; and a green straight arrow points from the dam area towards the bottom right.

DAY OF ACTIVITIES- ES

- ★ Monitor dewatering while roller gate opens
- ★ Monitor block netting below downstream pool
- ★ Sweep fish screen bay
- ★ Erect secondary block netting
- Remove non-native fish species
- Relocate native fish species (no *O. mykiss* encountered)

A photograph showing two people wearing waders and hats standing in a river. They are holding a large, dark mesh net that is partially submerged in the water. The background shows a riverbank with some vegetation.

3



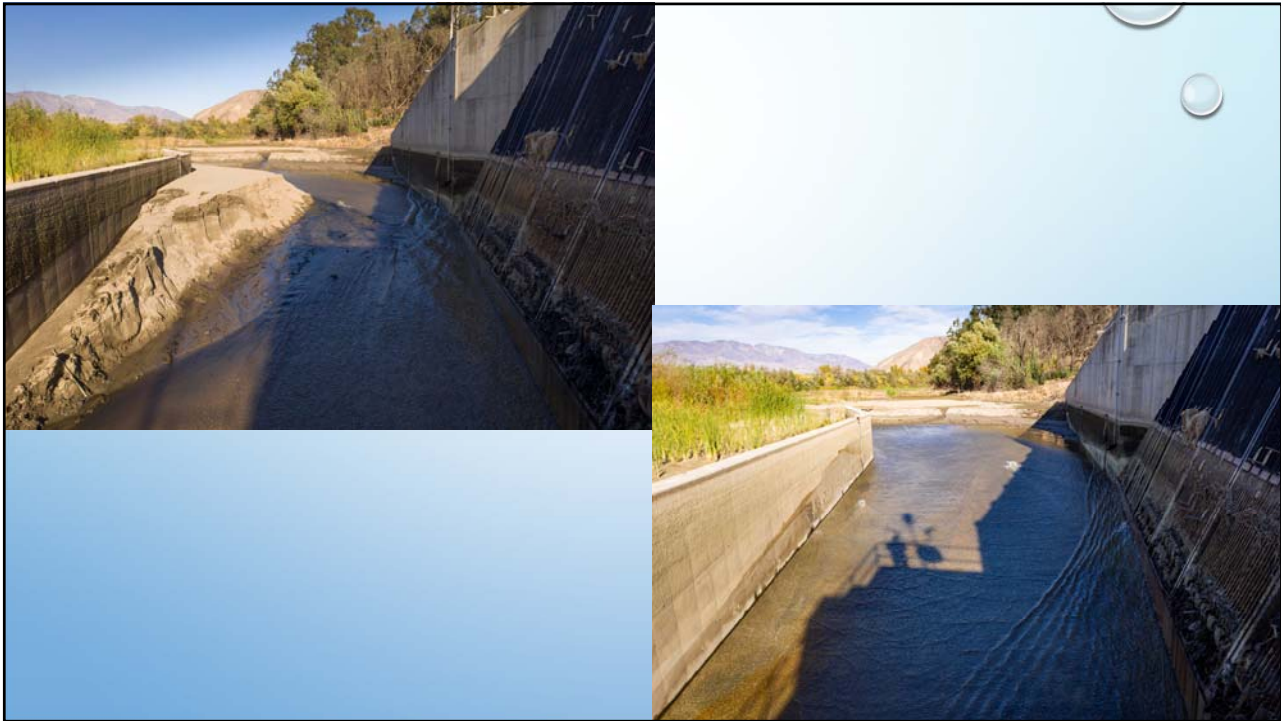
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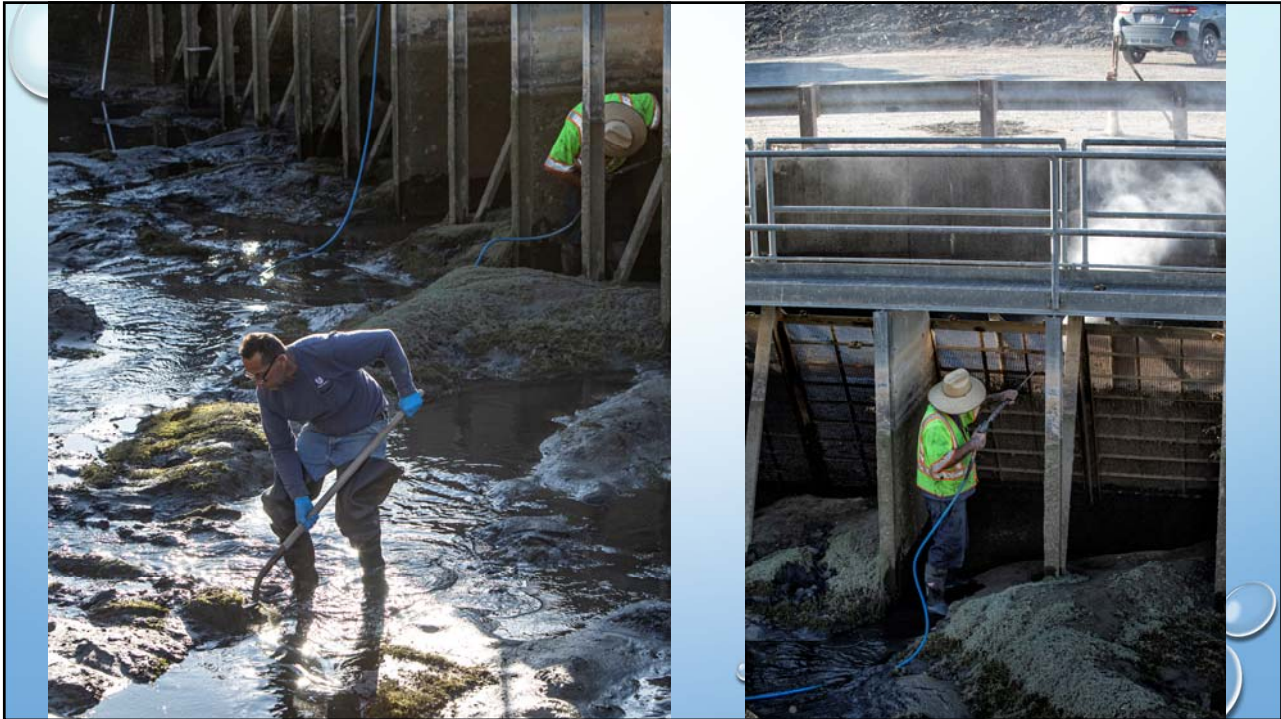
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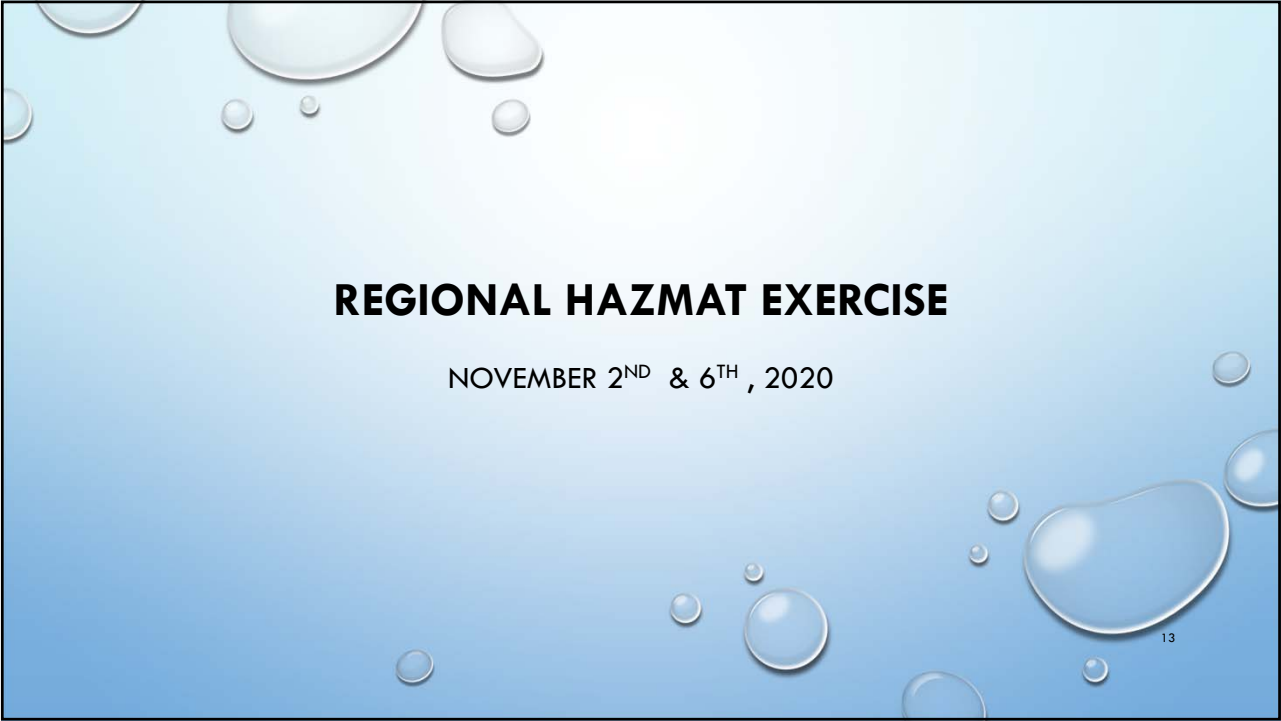
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- TURNED OUT DIVERSIONS FOR MAINTENANCE ACTIVITIES ON NOVEMBER 16, 2020
- PERFORMED VALVE AND AUTOMATIC ACTUATOR PREVENTATIVE AND CORRECTIVE MAINTENANCE
- REMOVED ACCUMULATED SEDIMENT IN THE FORE-BAY, CANAL AREA AND FISH SCREEN AREA
- PERFORMED FISH SCREEN MAINTENANCE ACTIVITIES
- REINITIATED DIVERSIONS NOVEMBER 20, 2020.

11



12



13



14



15



16



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2

Division Highlights For October and November 2020, Continued

- Ongoing Maintenance and Operational Activities:
 - A facility inspection of the system resulted in the discovery of damaged line associated with the Group Camp #2 drip irrigation system, which resulted in the loss of several trees. Repairs have been made successfully.
- Quagga Mussel Monitoring Program Efforts
 - Staff assisted the Environmental Division in managing contractors performing ongoing dissolved oxygen studies in the reservoir associated with quagga mussel management. Staff assisted in a routine scraping and removal effort as part of the District's QMMCP plan.
- Trainings:
 - Participated in the District's Annual FERC security compliance certification training associated with Cyber-security.
 - Completion of Daily Policy Training Bulletins pursuant to POST standards.
 - Staff attended a Behavior Threat Analysis course hosted by the Joint Regional Intelligence Center.


3

Marina Dock Repairs

INTERDEPARTMENTAL TEAMWORK



4



Water Resources Department Report

Dan Detmer, PG, CHG
Supervising Hydrogeologist
December 9, 2020


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El Niño/Southern Oscillation (ENSO) Update

Recent Evolution, Current Status and Predictions:

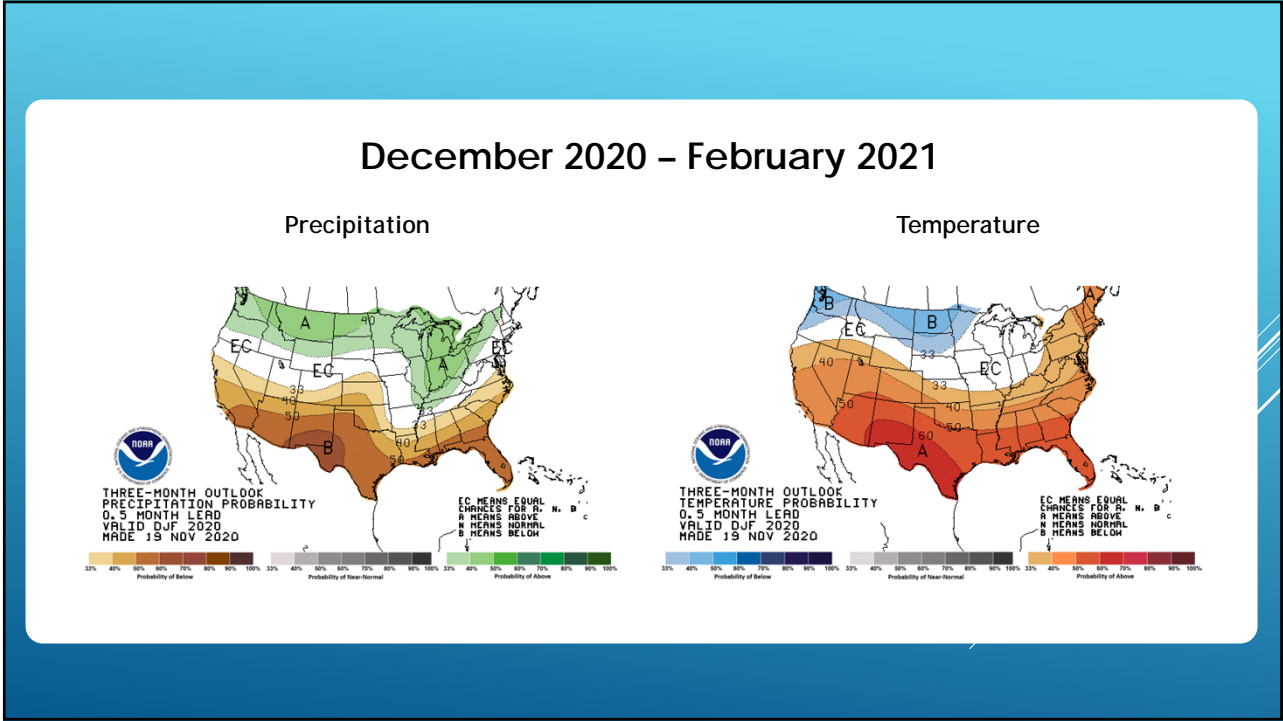
- La Niña conditions are present.
- Equatorial sea surface temperatures (SSTs) are below average from the west-central to eastern Pacific Ocean.
- The tropical atmospheric circulation is consistent with La Niña.
- La Niña is likely to continue through the Northern Hemisphere winter 2020-21 (~95% chance during January-March) and into spring 2021 (~65% chance during March-May).

Update prepared by:
Climate Prediction Center / NCEP
16 November 2020

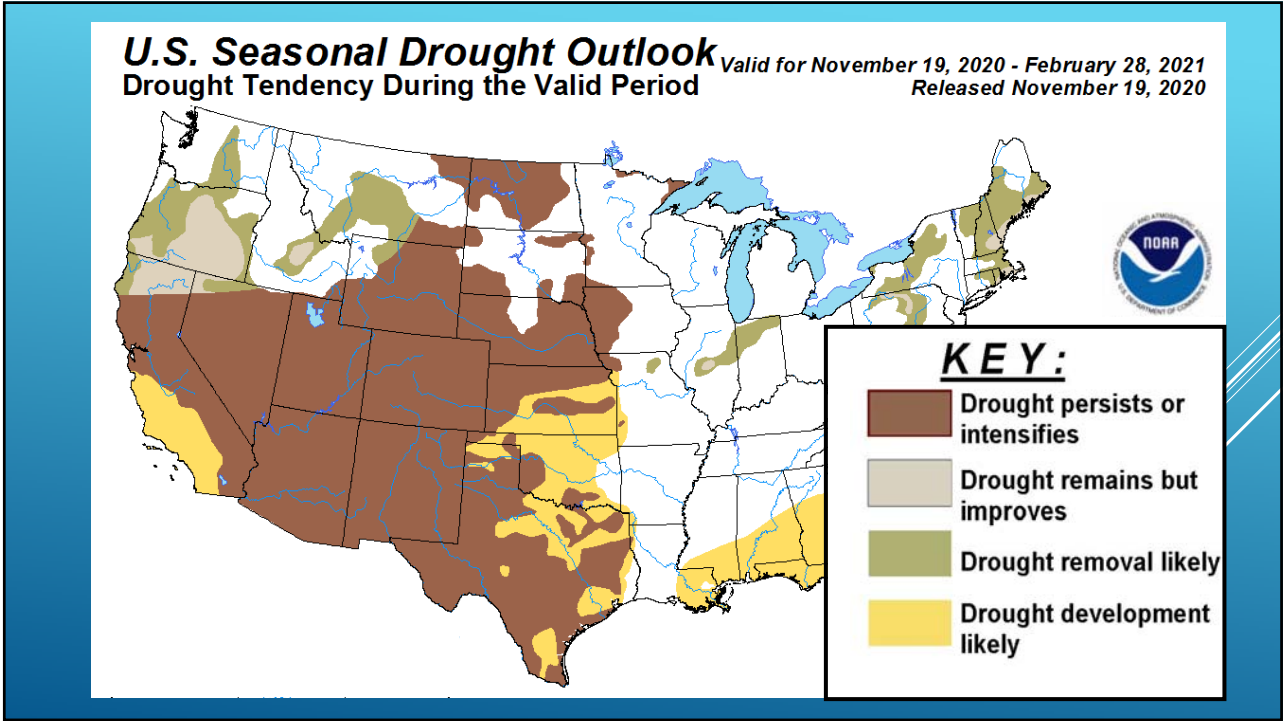


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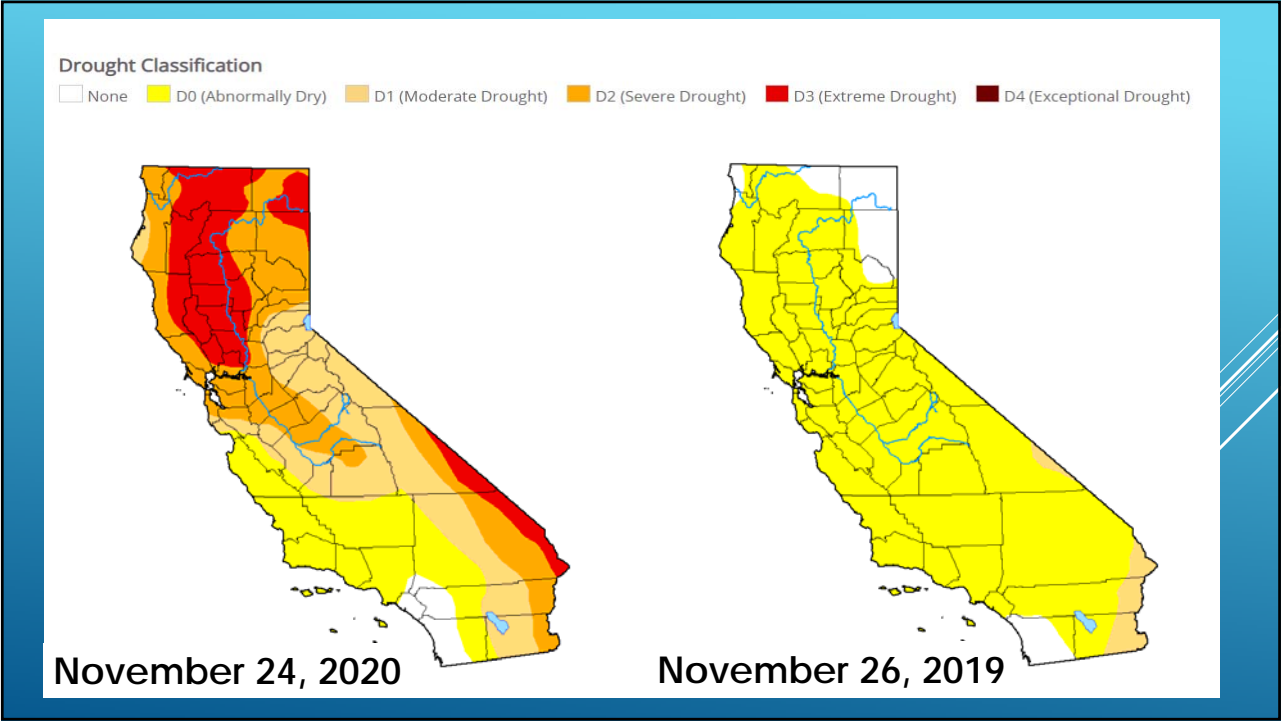
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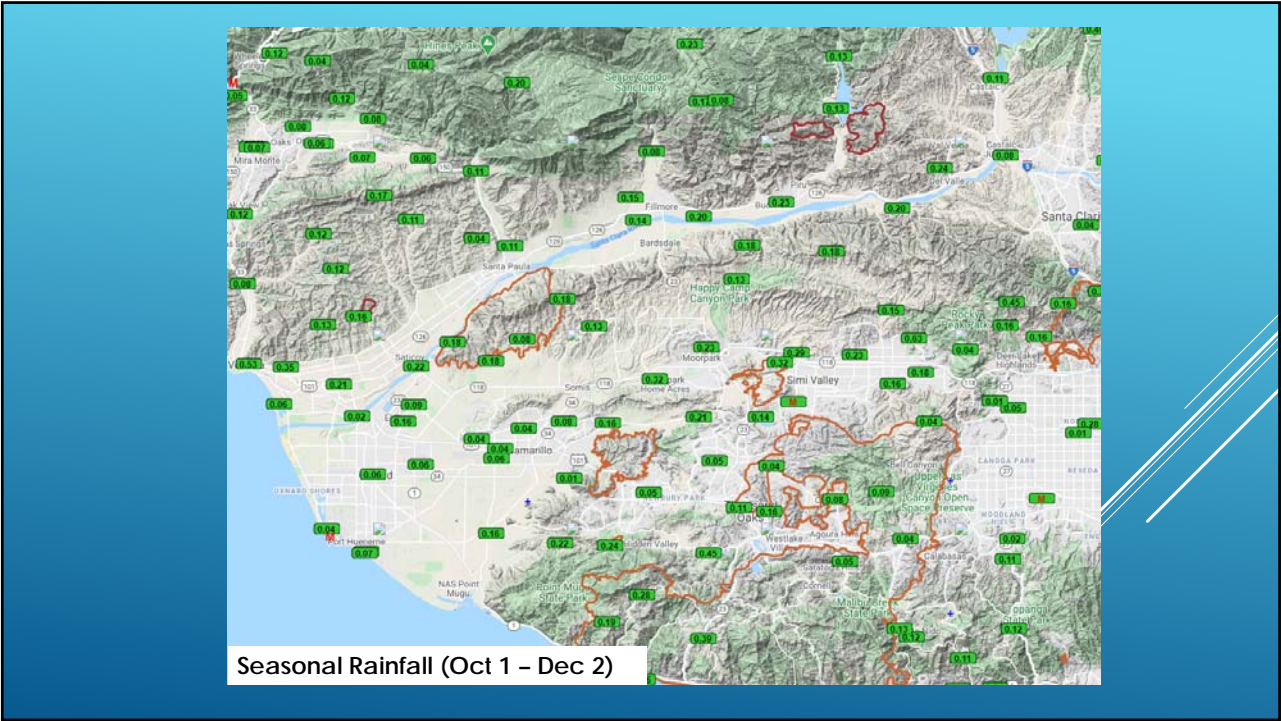
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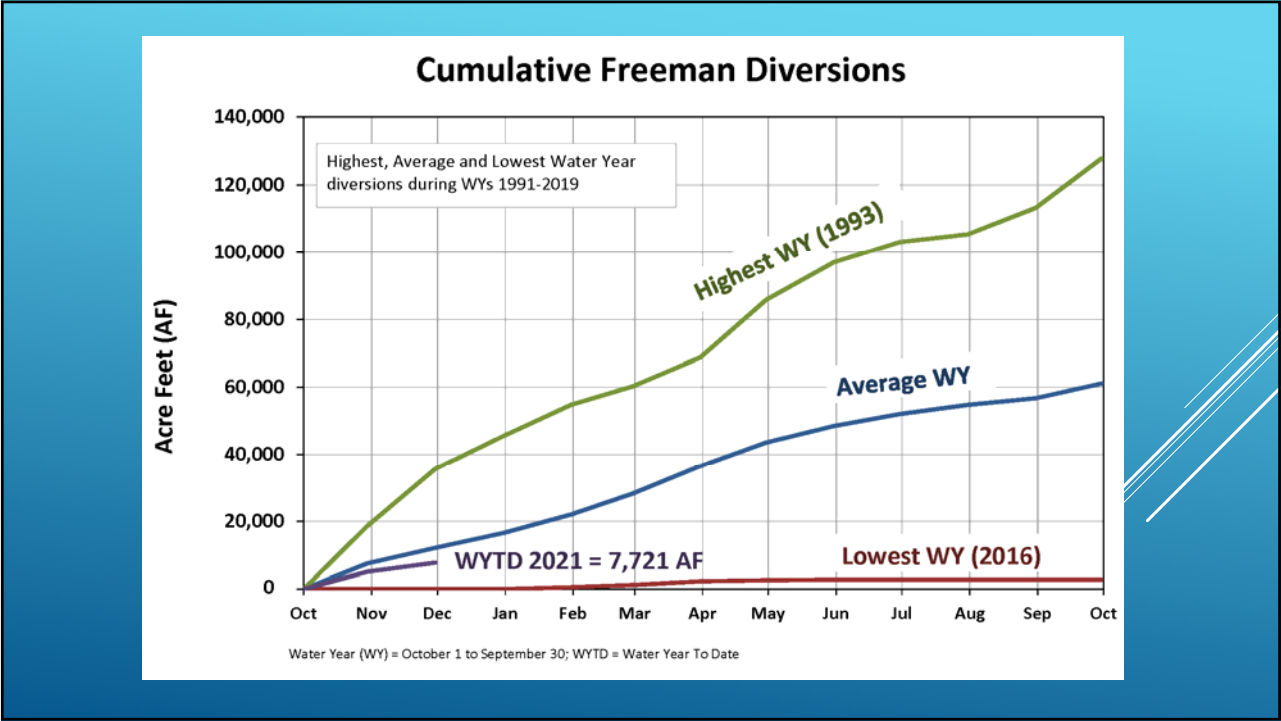
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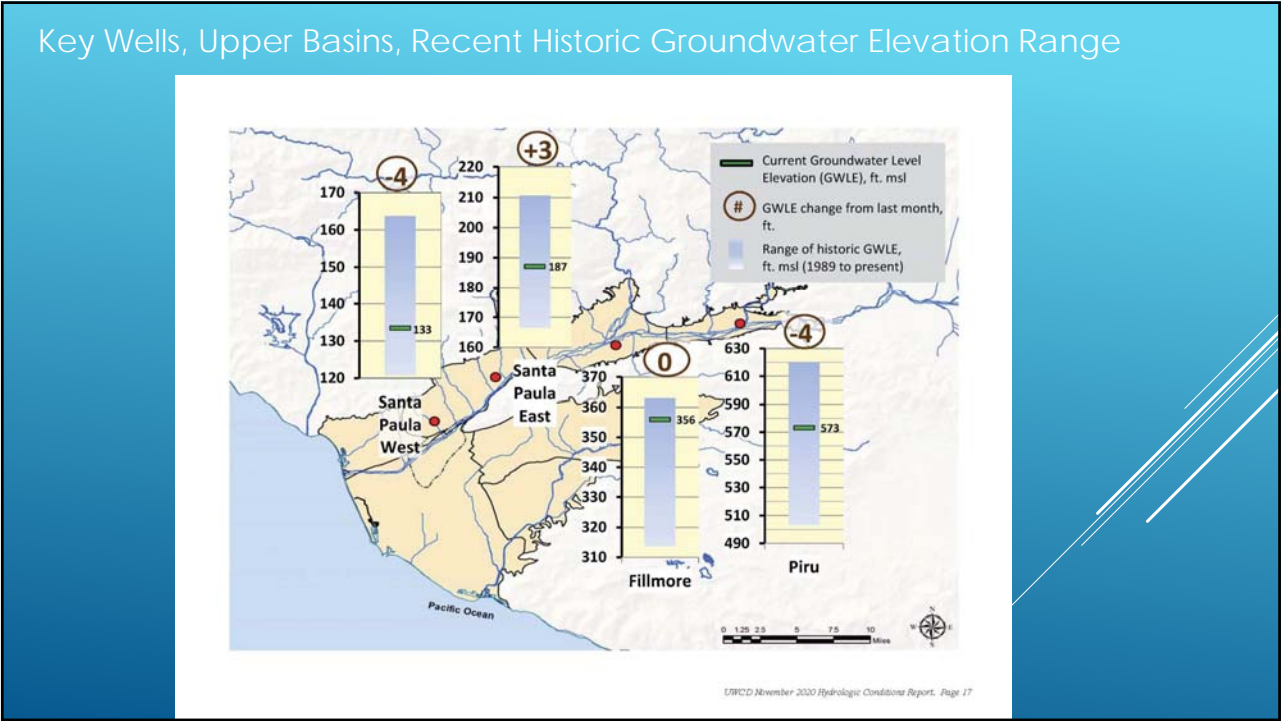
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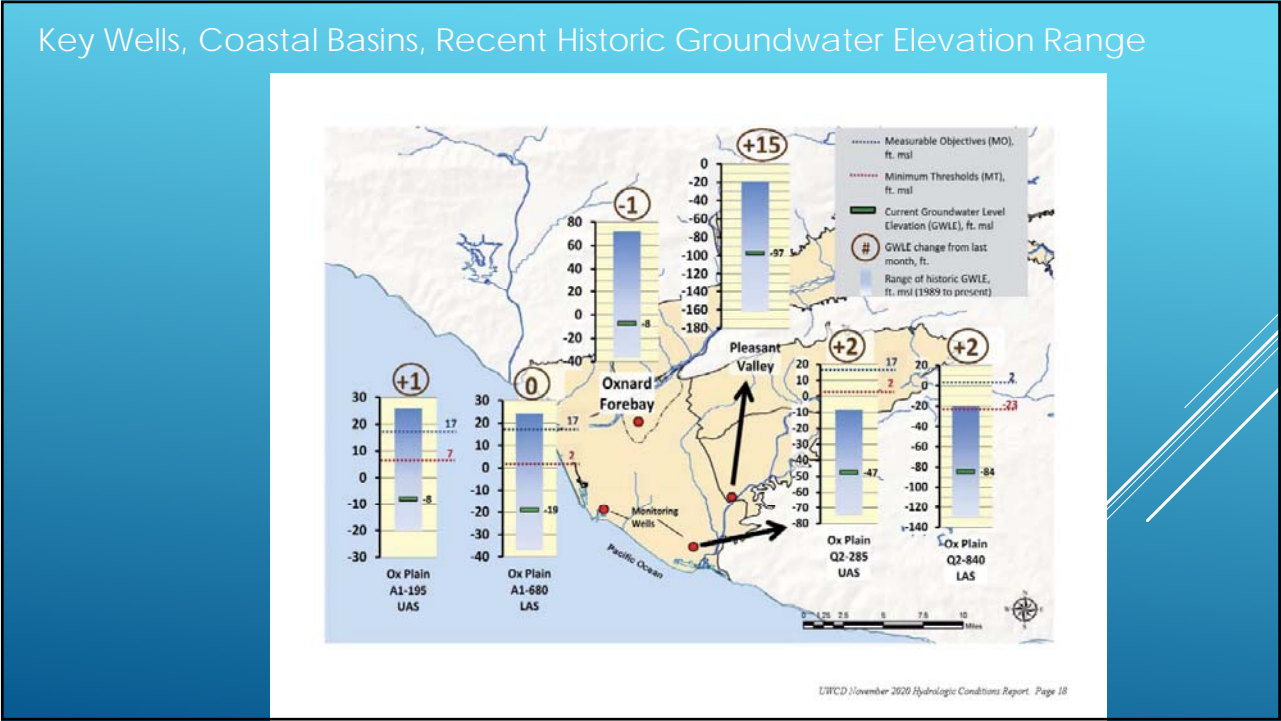
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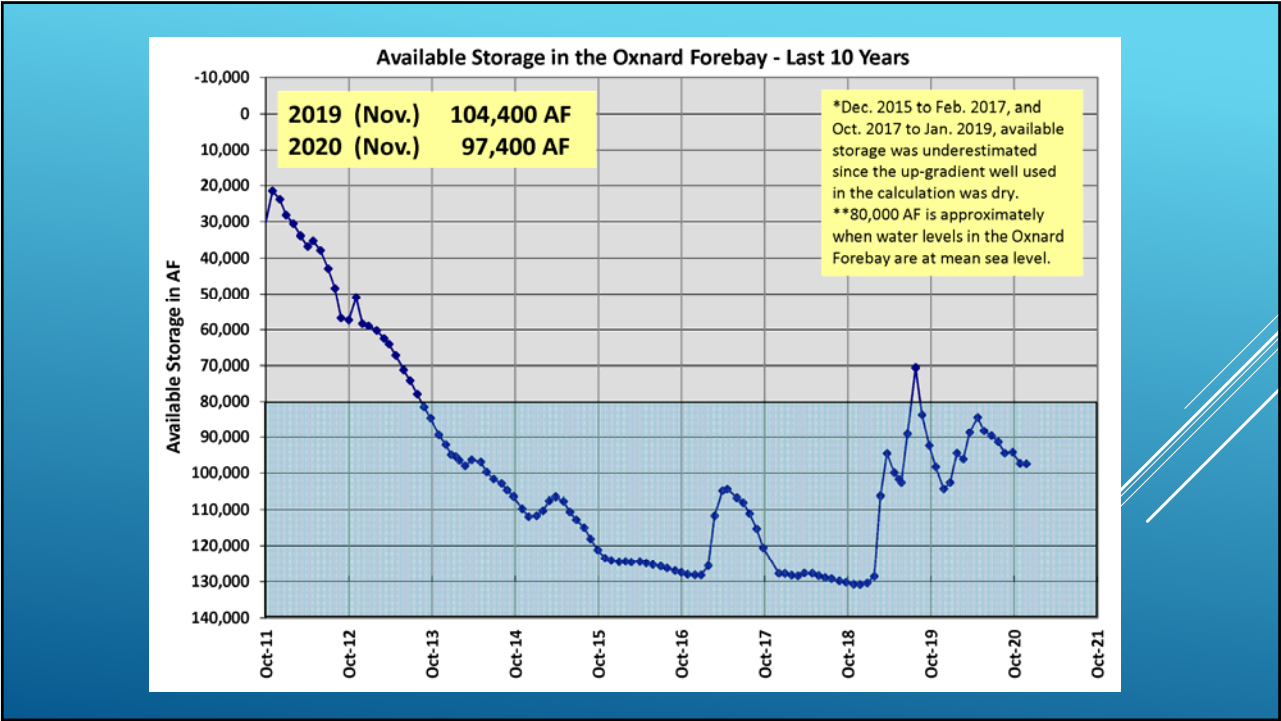
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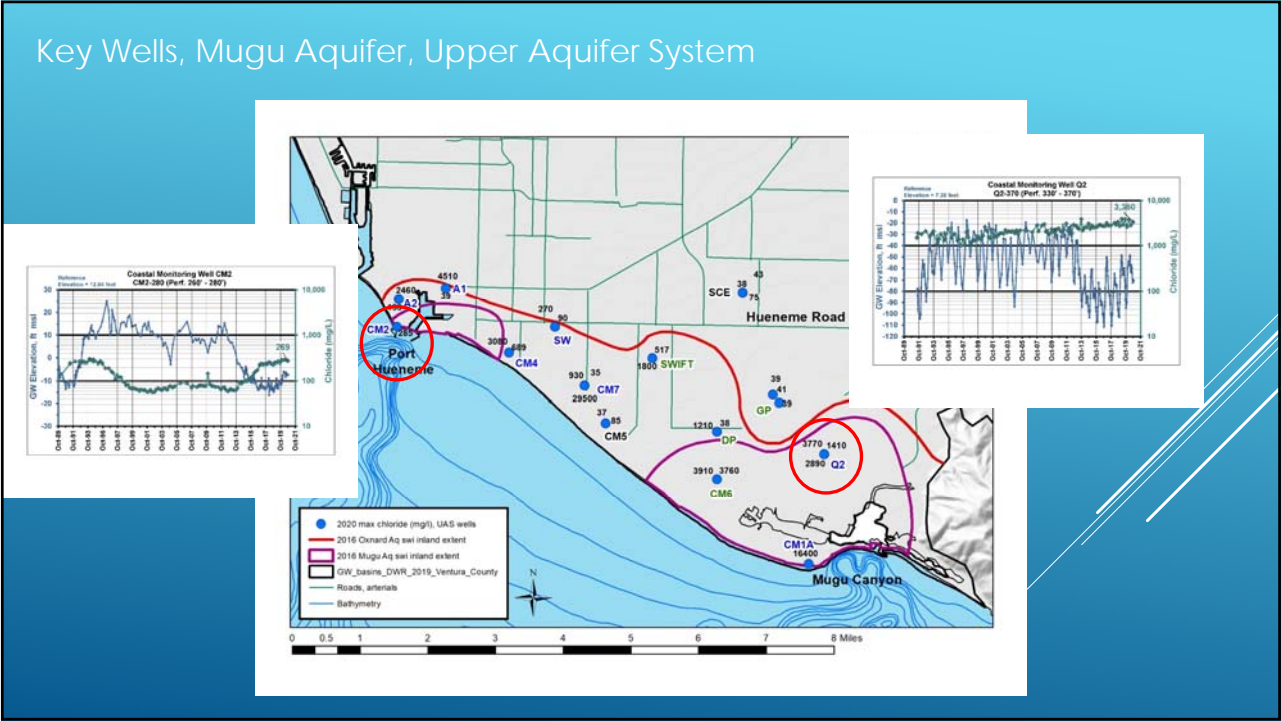
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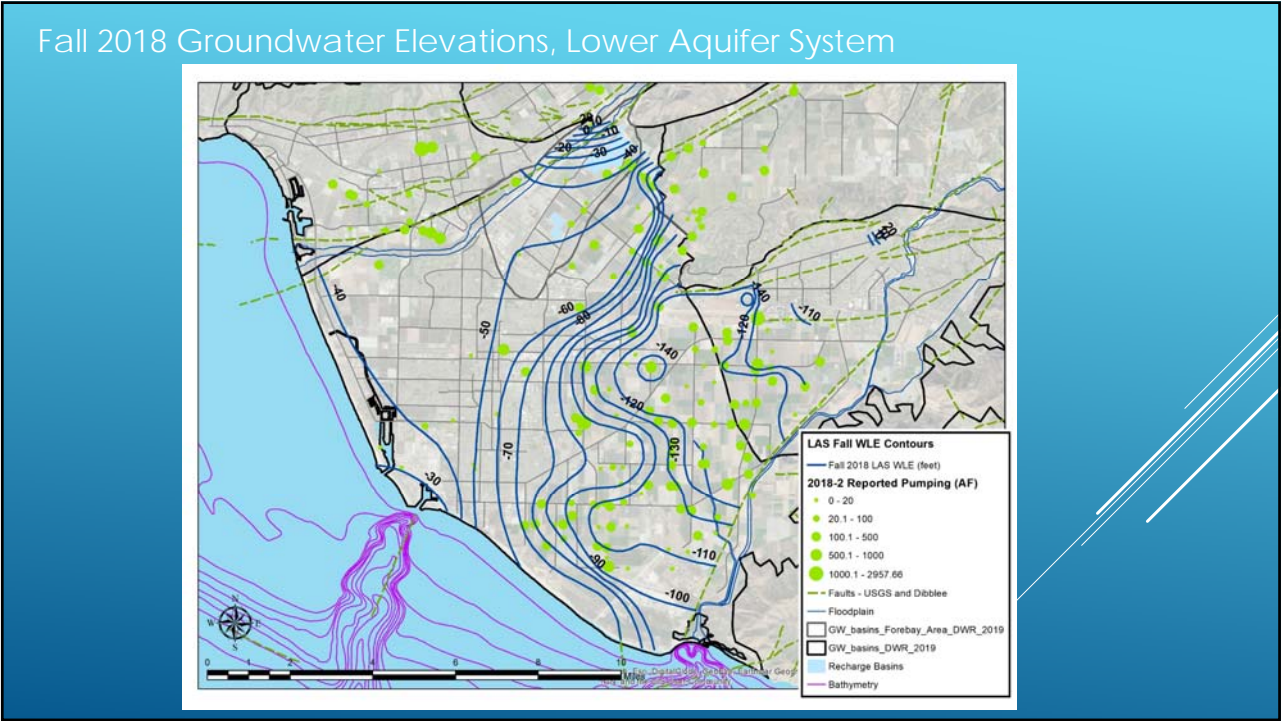
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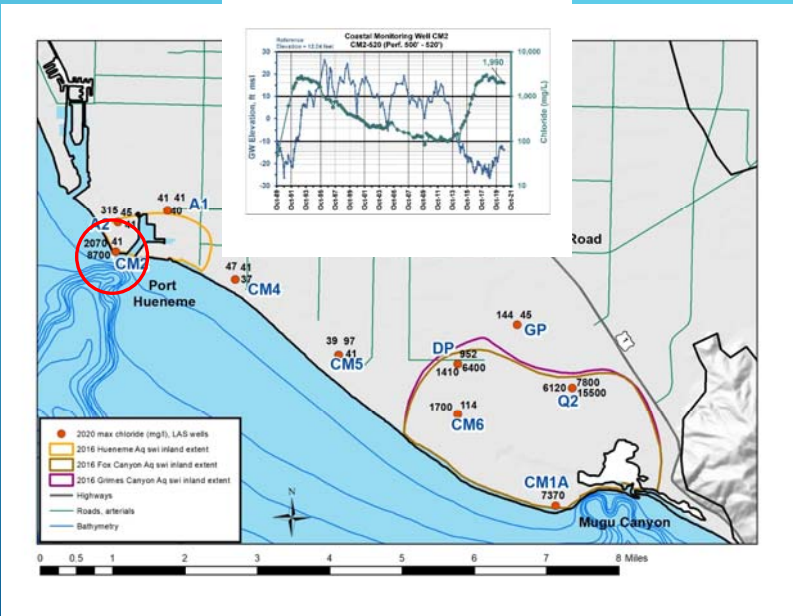


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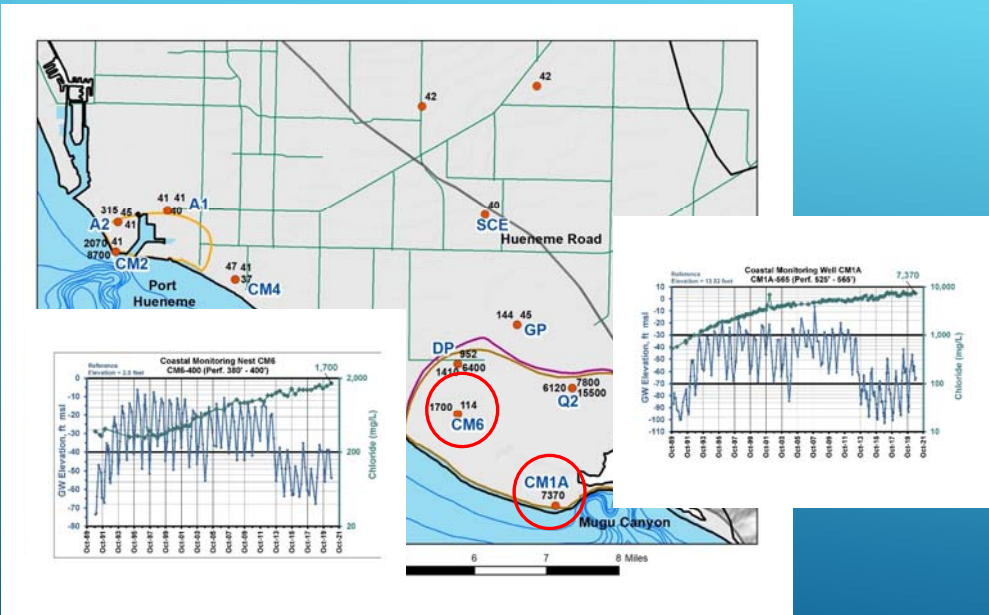
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Key Wells, Hueneme Aquifer, Lower Aquifer System



15

Key Wells, Fox Canyon Aquifer, Lower Aquifer System



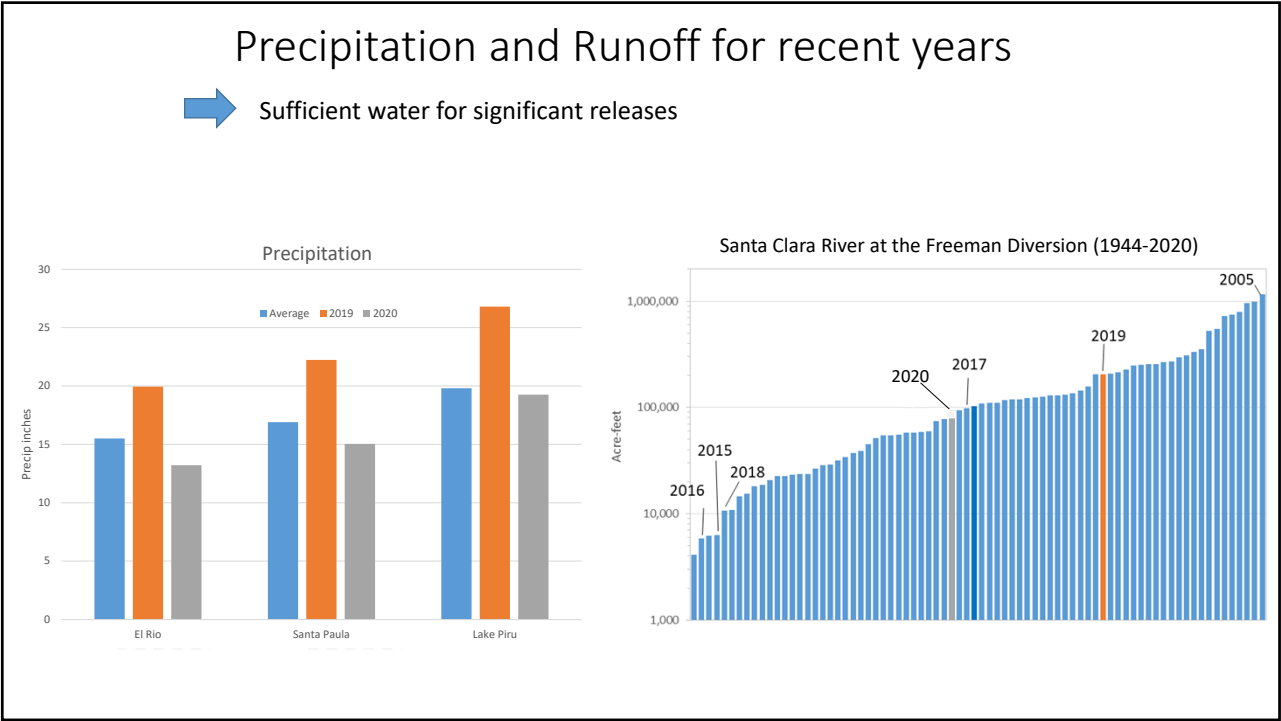
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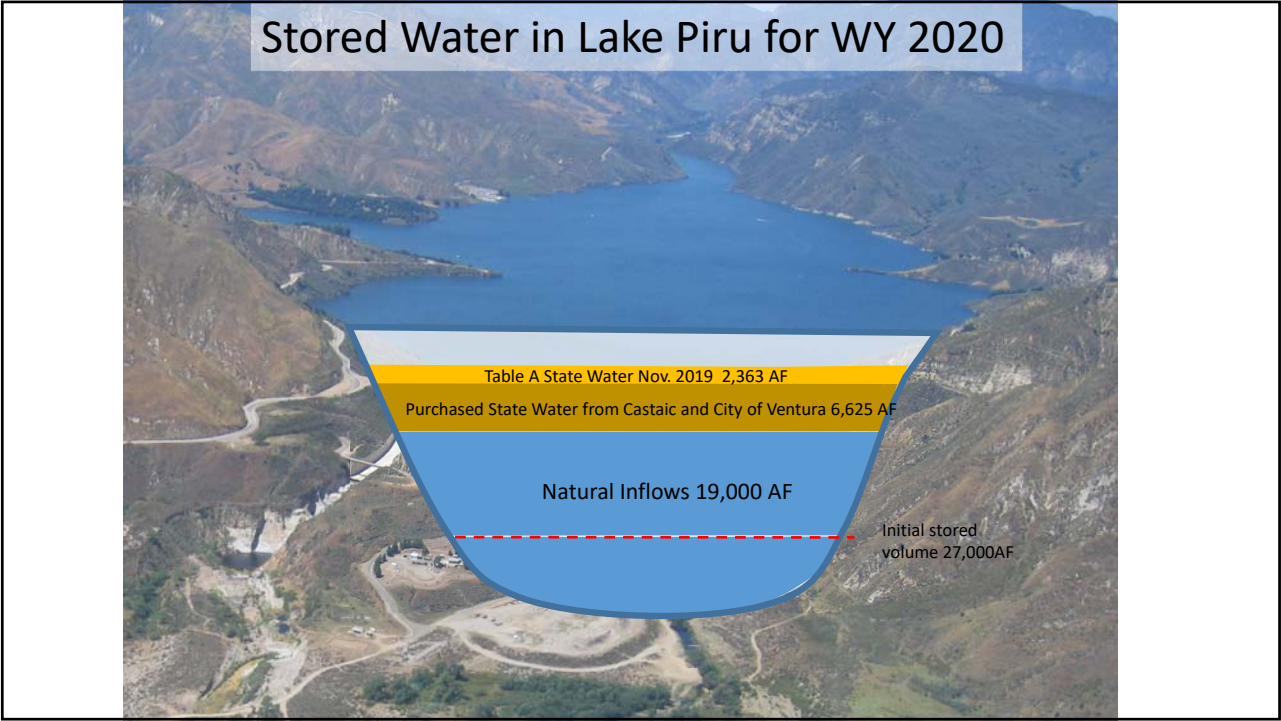
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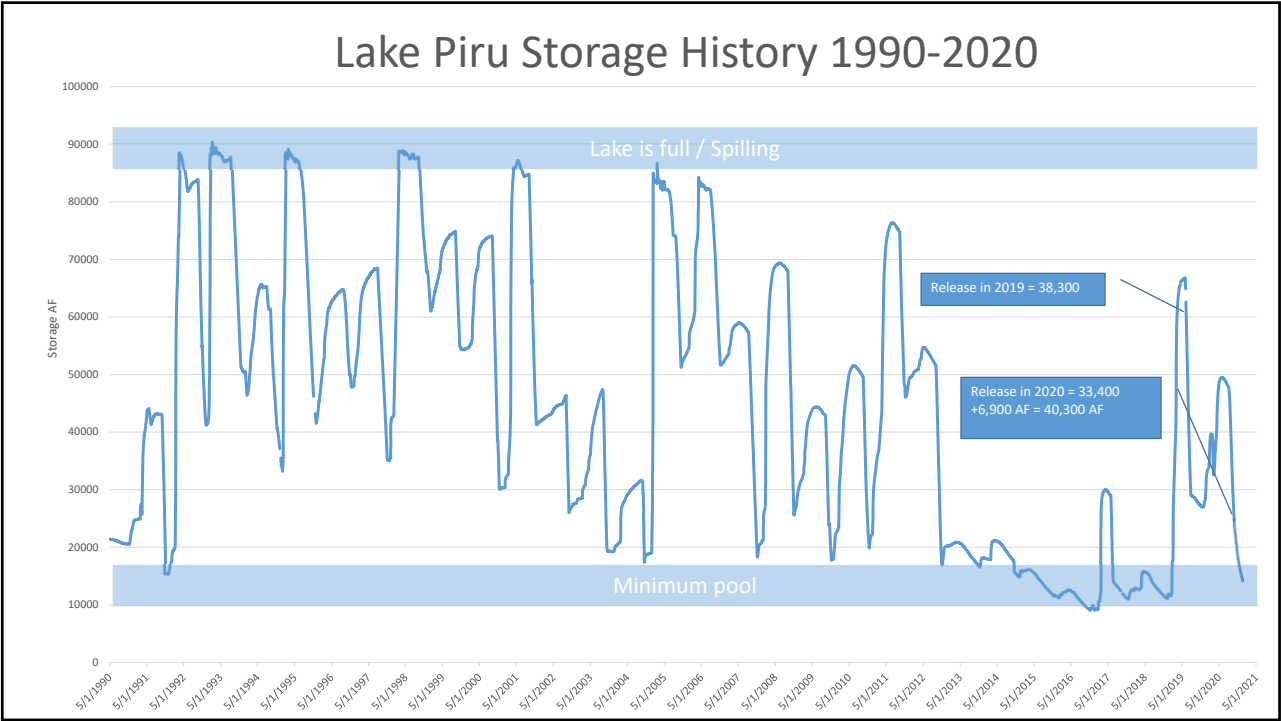
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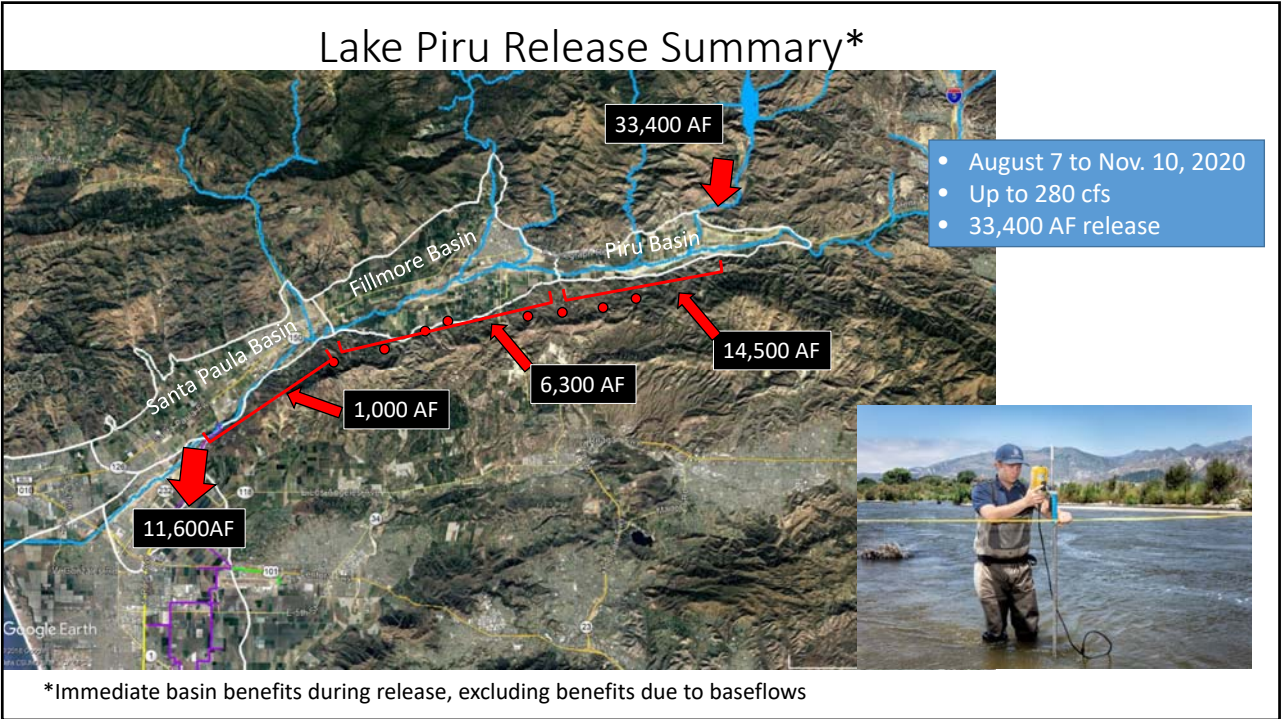
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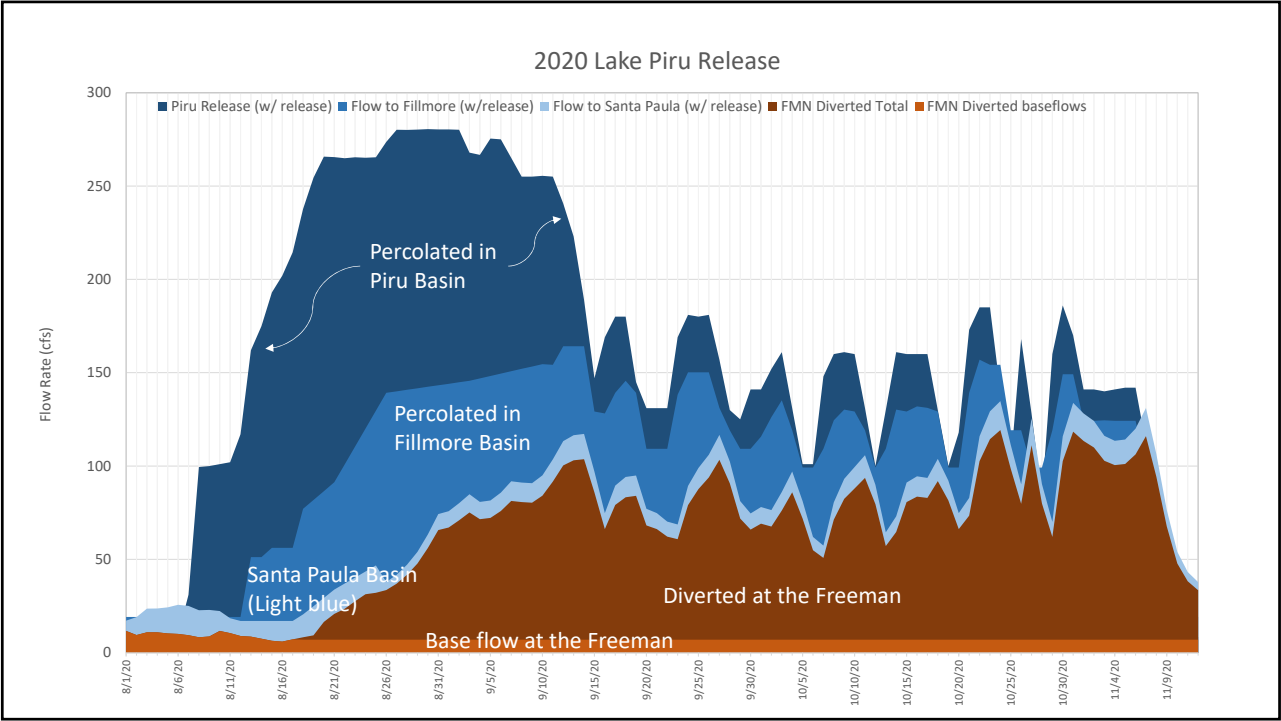
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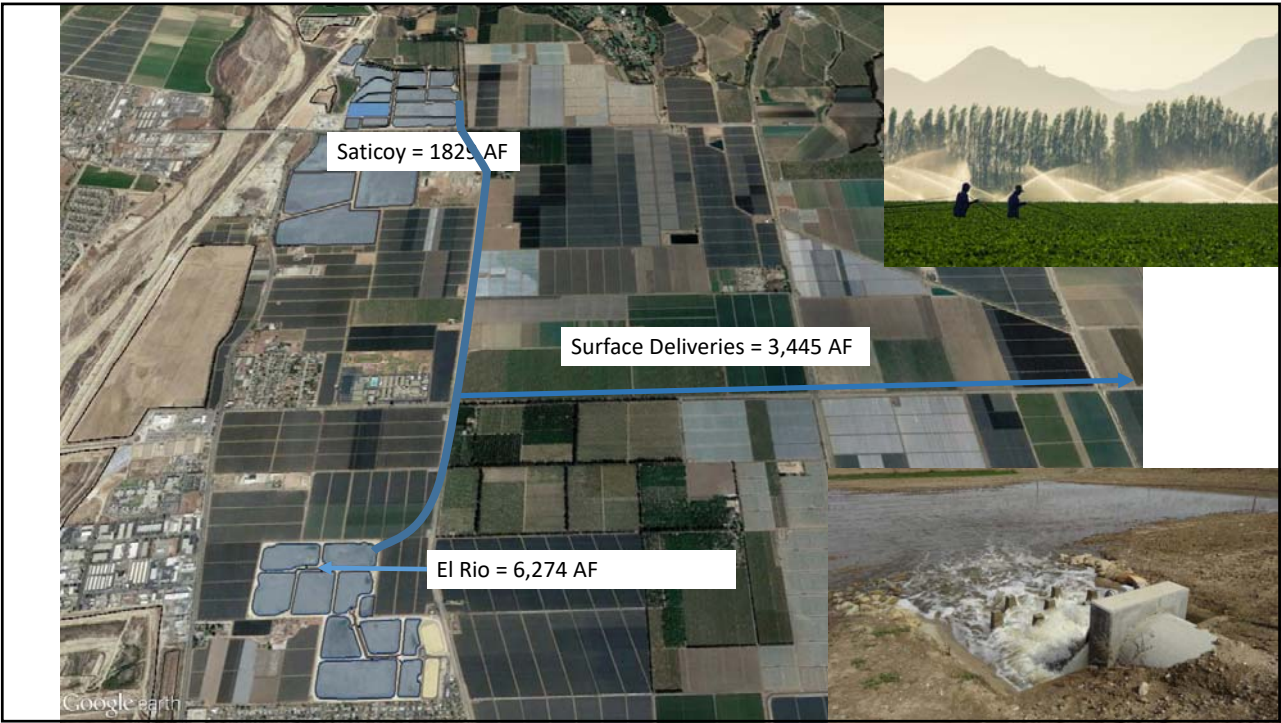


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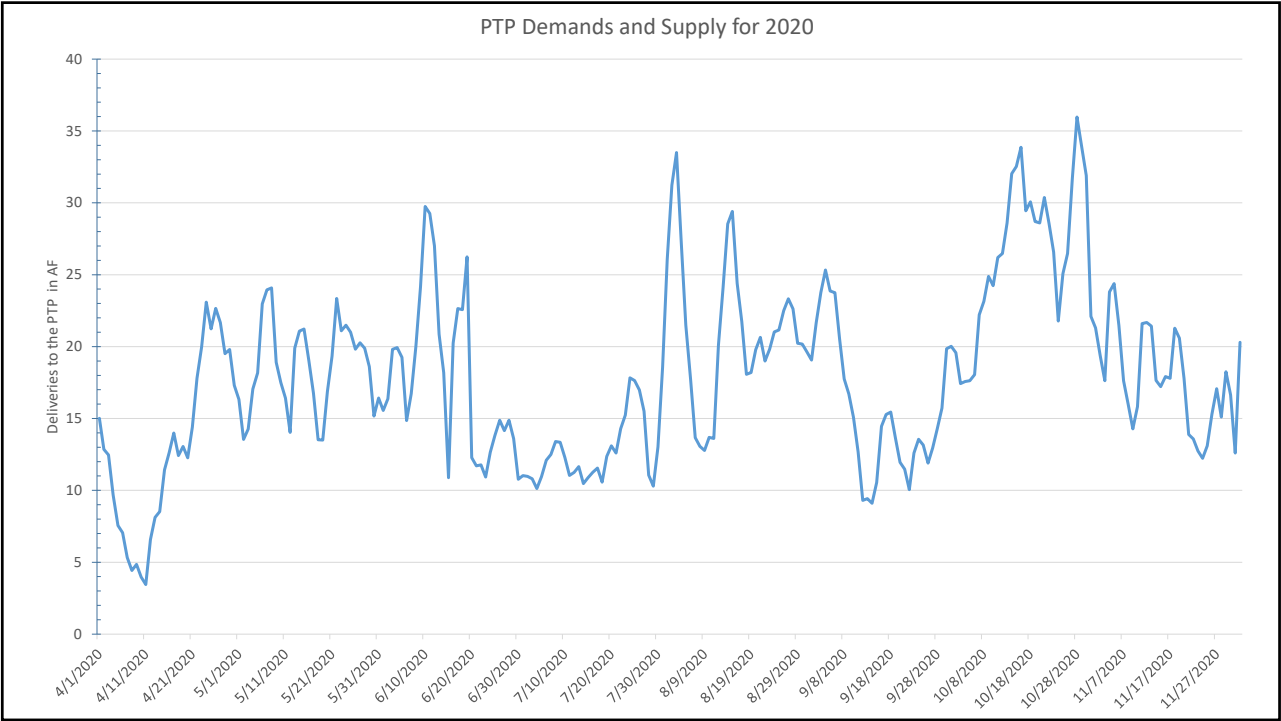
Management of the releases in the lower basin at the Freeman Diversion



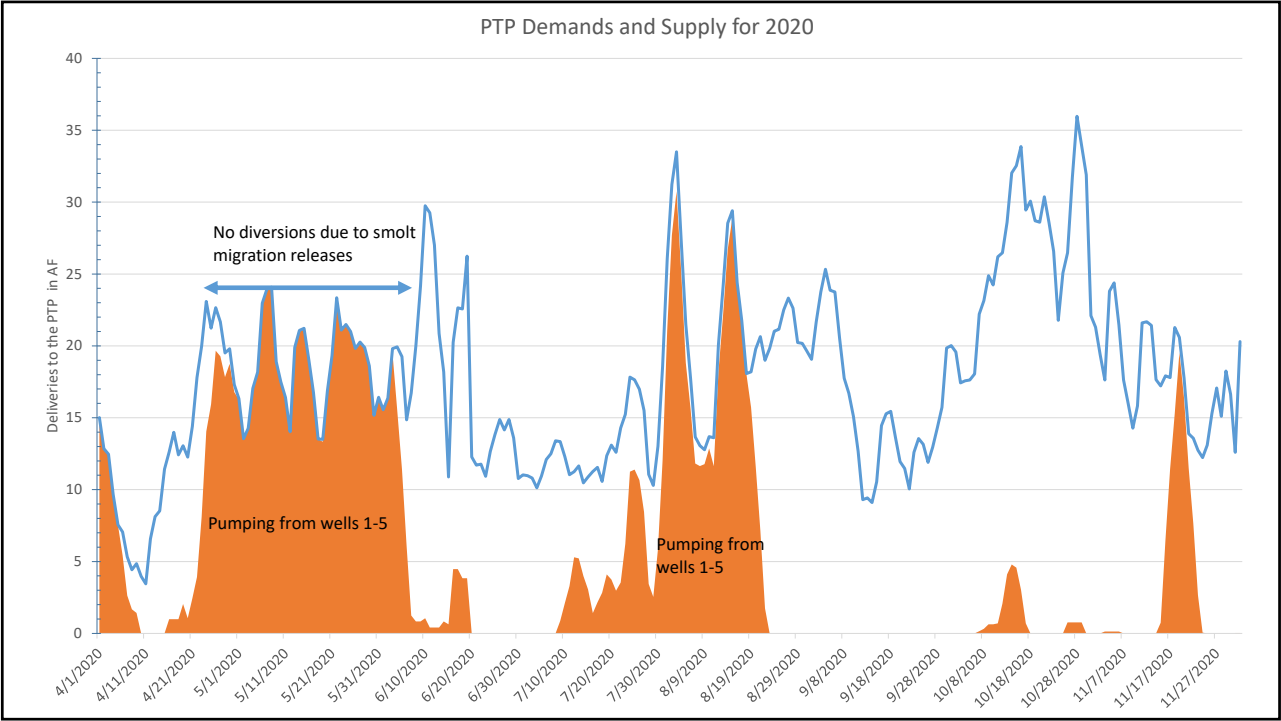
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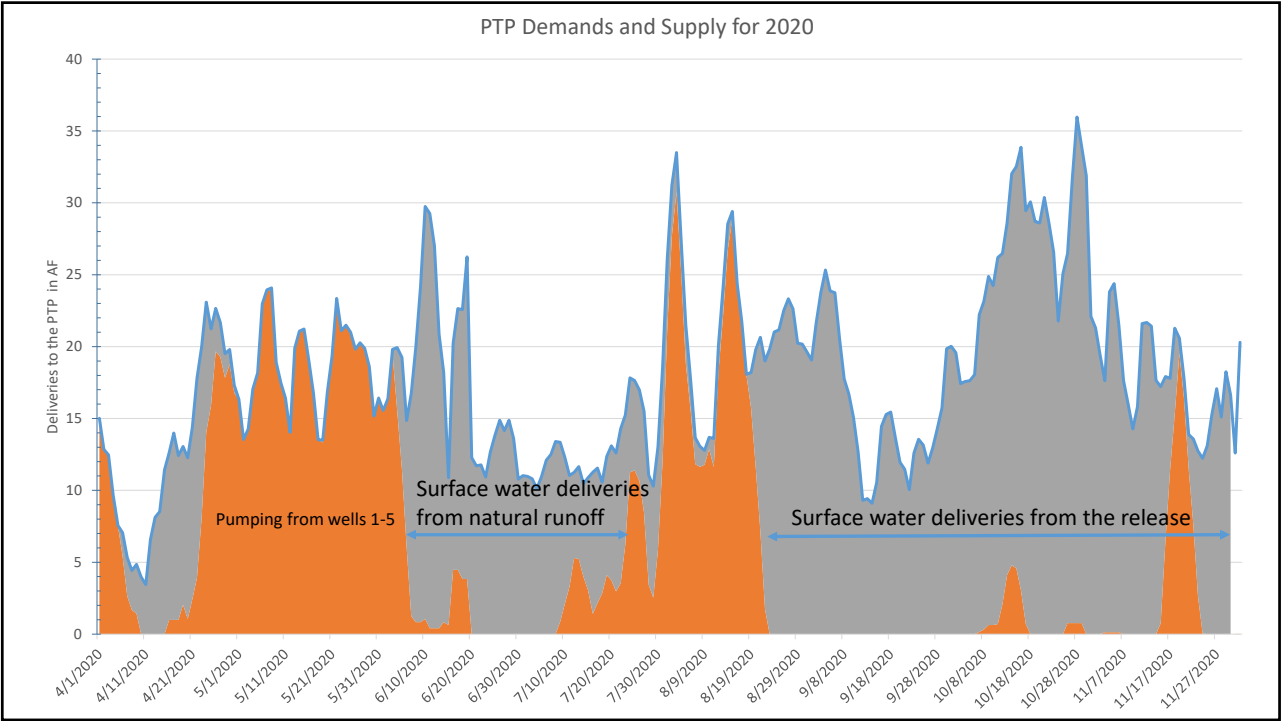
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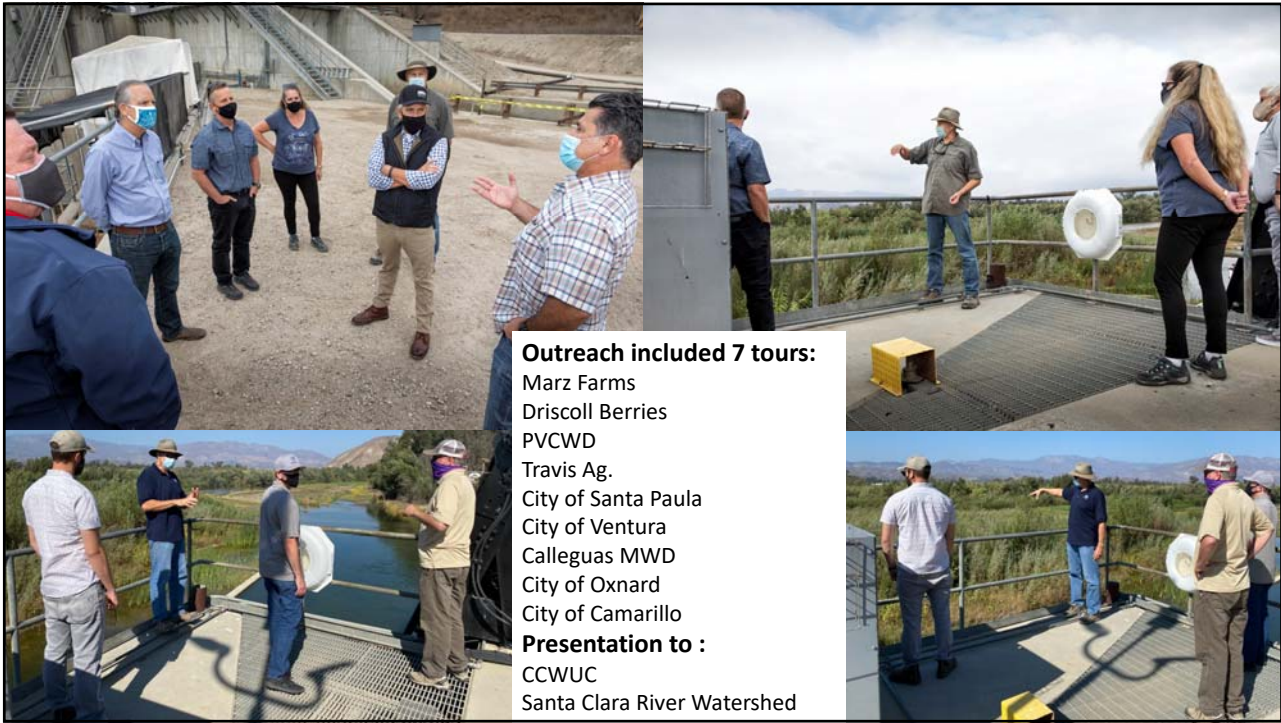
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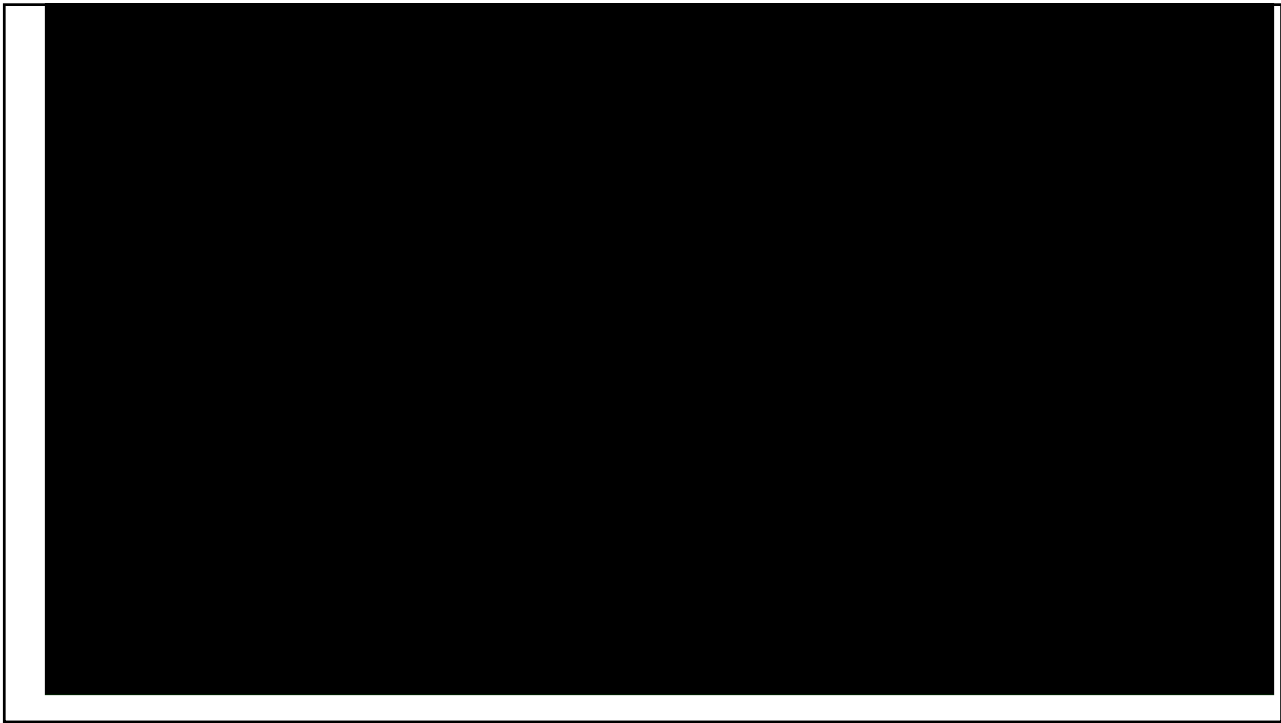
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4.3 EDDY PUMP ANALYSIS

DECEMBER 9, 2020

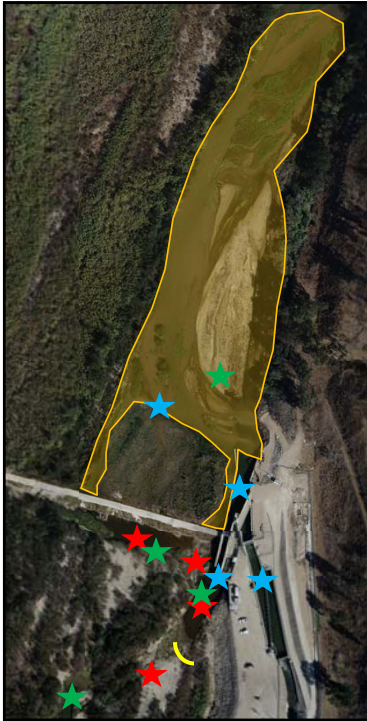
1

2020 Freeman Diversion Sediment Management Summary				
EQUIPMENT RENTAL TOTAL	\$127,812.50		\$9.85	Additional \$/AF
Freeman- Acre feet diverted	12,981			
Basin Benefits			Lake Piru Benefits	
Groundwater Recharge			\$150,000 Savings	
Nitrate Dilution			SFD Drilling	
Agricultural Surface Water			Program	
Water Quality Improvement				
Reduced Pumping				
Electrical Savings				

2




1



The aerial map shows a large, irregularly shaped wetland area outlined in yellow. Various colored stars are placed on the map: blue stars are located near the top and bottom left of the wetland; red stars are clustered along the bottom edge; green stars are scattered throughout the lower portion of the wetland. A road or canal runs along the bottom right of the wetland area.

PRE-PROJECT ACTIVITIES- ES

- ★ Snorkel surveys/underwater inspections
- ★ Inundation/Stranding surveys
- ★ Hydraulic control surveys
- ★ Water quality monitoring
- ★ Place block netting downstream
- Scout potential relocation sites
 - Santa Paula Creek
 - SCR mainstem at Willard Canyon



A ground-level photograph of a stream or creek. The water is calm and reflects the surrounding greenery. Tall reeds and grasses grow along the right bank. In the background, there are hills under a clear sky.

2

An aerial photograph of a river section featuring a dam. The river is divided into several pools and channels. Various colored stars and arrows are overlaid on the image to indicate specific activities: blue stars are placed along the top and middle sections of the river; a yellow star is in a pool below the dam; a green star is further downstream; a red star is at the bottom left; a yellow curved arrow points from the red star towards the center; and a green straight arrow points from the dam area towards the bottom right.

DAY OF ACTIVITIES- ES

- ★ Monitor dewatering while roller gate opens
- ★ Monitor block netting below downstream pool
- ★ Sweep fish screen bay
- ★ Erect secondary block netting
- Remove non-native fish species
- Relocate native fish species (no *O. mykiss* encountered)

A photograph showing two individuals wearing waders and hats, standing in a river. They are working with a large net, likely for fish screening or relocation. The background shows a natural riverbank with trees and vegetation.

3



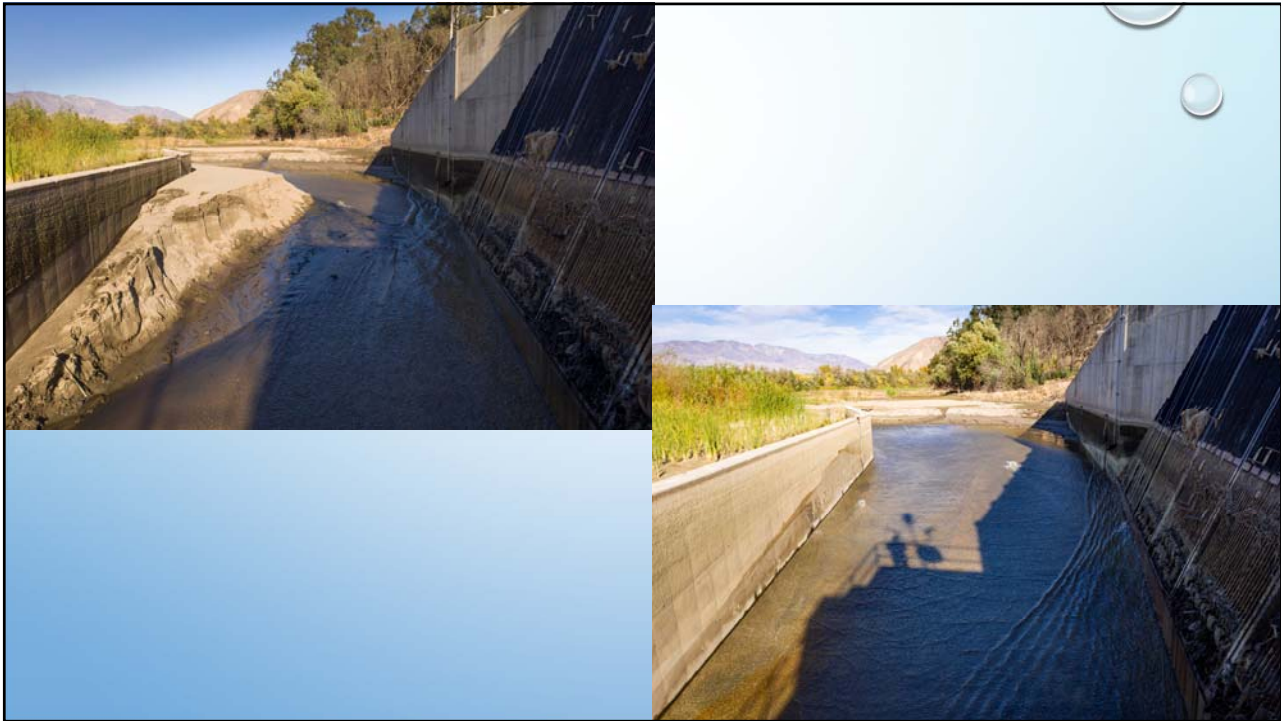
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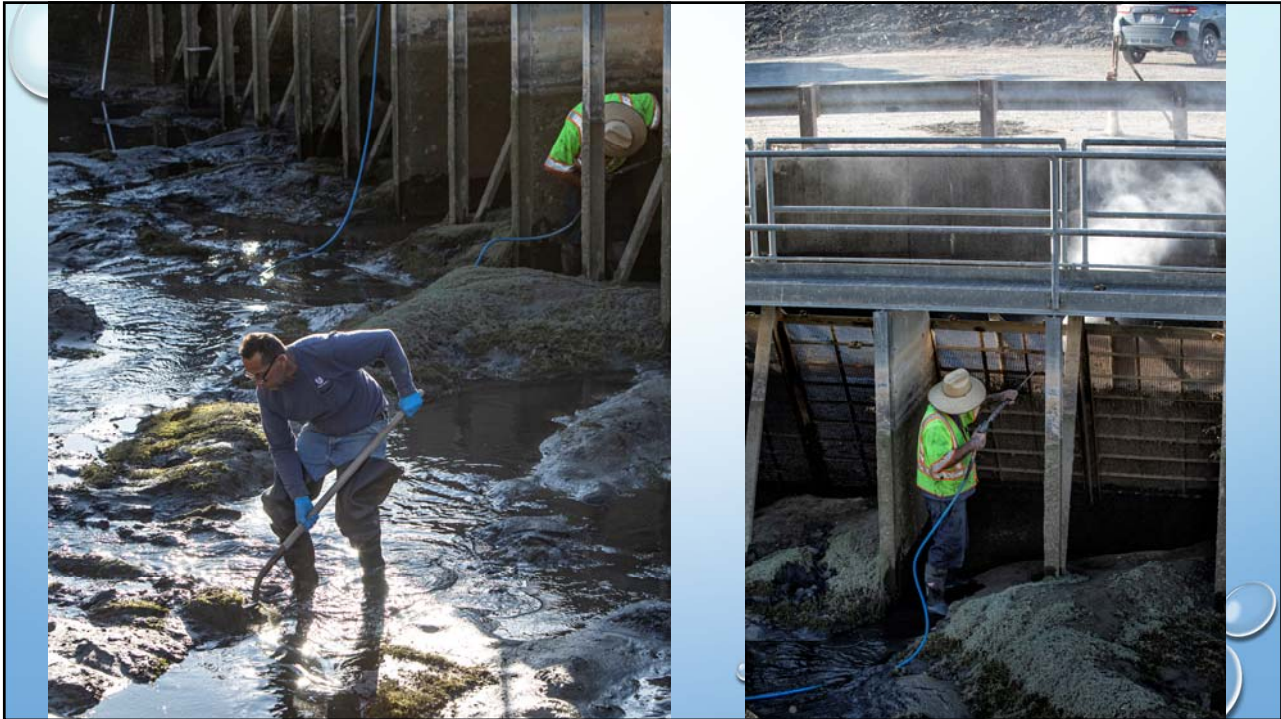
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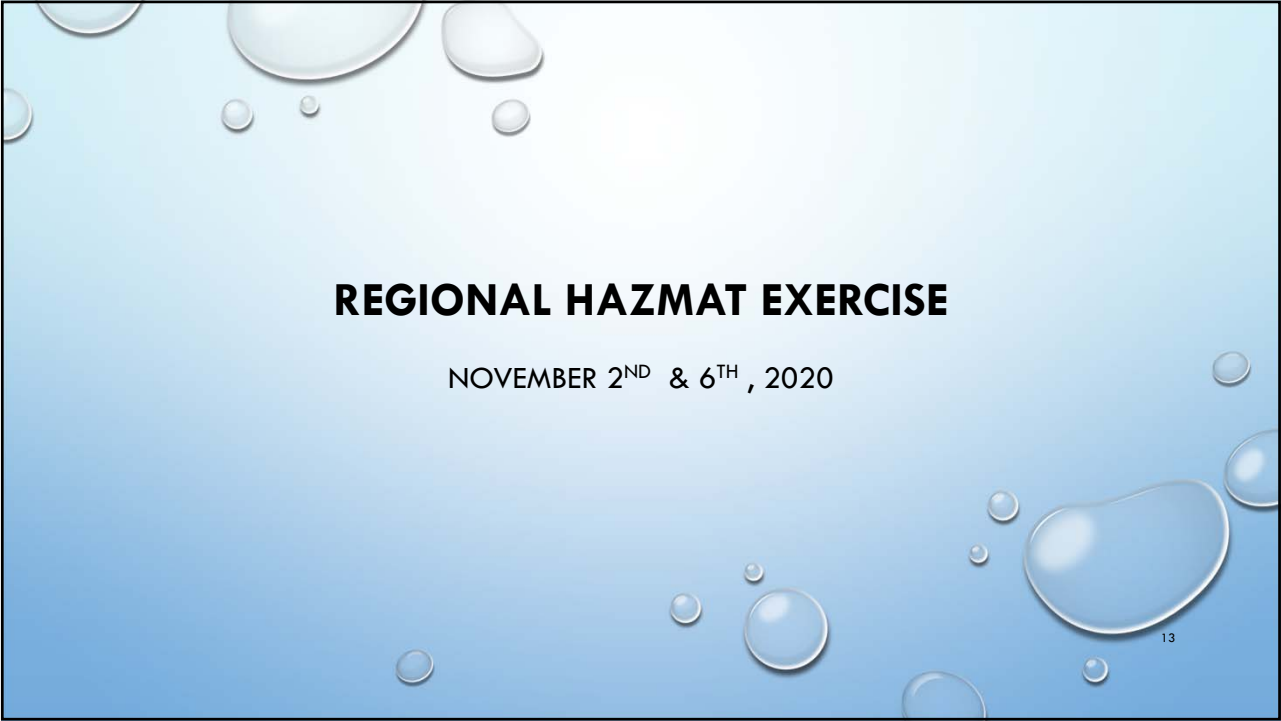
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- TURNED OUT DIVERSIONS FOR MAINTENANCE ACTIVITIES ON NOVEMBER 16, 2020
- PERFORMED VALVE AND AUTOMATIC ACTUATOR PREVENTATIVE AND CORRECTIVE MAINTENANCE
- REMOVED ACCUMULATED SEDIMENT IN THE FORE-BAY, CANAL AREA AND FISH SCREEN AREA
- PERFORMED FISH SCREEN MAINTENANCE ACTIVITIES
- REINITIATED DIVERSIONS NOVEMBER 20, 2020.

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16

LAKE PIRU RECREATION AREA

MONTHLY DEPARTMENTAL HIGHLIGHTS

1

Division Highlights For October and November 2020

- PMC Contract Negotiation Efforts:
 - Staff has continued to met with onsite concessionaire Parks Management Company to advance negotiation efforts associated with extending the concessions agreement expiring December 31, 2020.
 - Meetings in October & November have been focused on developing a mutually agreed upon term sheet for a contract extension.
- Ongoing Maintenance and Operational Activities:
 - Approximately \$15,000 in repairs were done to the Lake Piru marina during the month of October.
 - Repairs included reconnecting tie lines used to stabilize the marina, the repair of a damage gable used to support the ends of the marina and sub frame repairs which included repairs to parts of the wooden sub frame.

2

Division Highlights For October and November 2020, Continued

- Ongoing Maintenance and Operational Activities:
 - A facility inspection of the system resulted in the discovery of damaged line associated with the Group Camp #2 drip irrigation system, which resulted in the loss of several trees. Repairs have been made successfully.
- Quagga Mussel Monitoring Program Efforts
 - Staff assisted the Environmental Division in managing contractors performing ongoing dissolved oxygen studies in the reservoir associated with quagga mussel management. Staff assisted in a routine scraping and removal effort as part of the District's QMMCP plan.
- Trainings:
 - Participated in the District's Annual FERC security compliance certification training associated with Cyber-security.
 - Completion of Daily Policy Training Bulletins pursuant to POST standards.
 - Staff attended a Behavior Threat Analysis course hosted by the Joint Regional Intelligence Center.

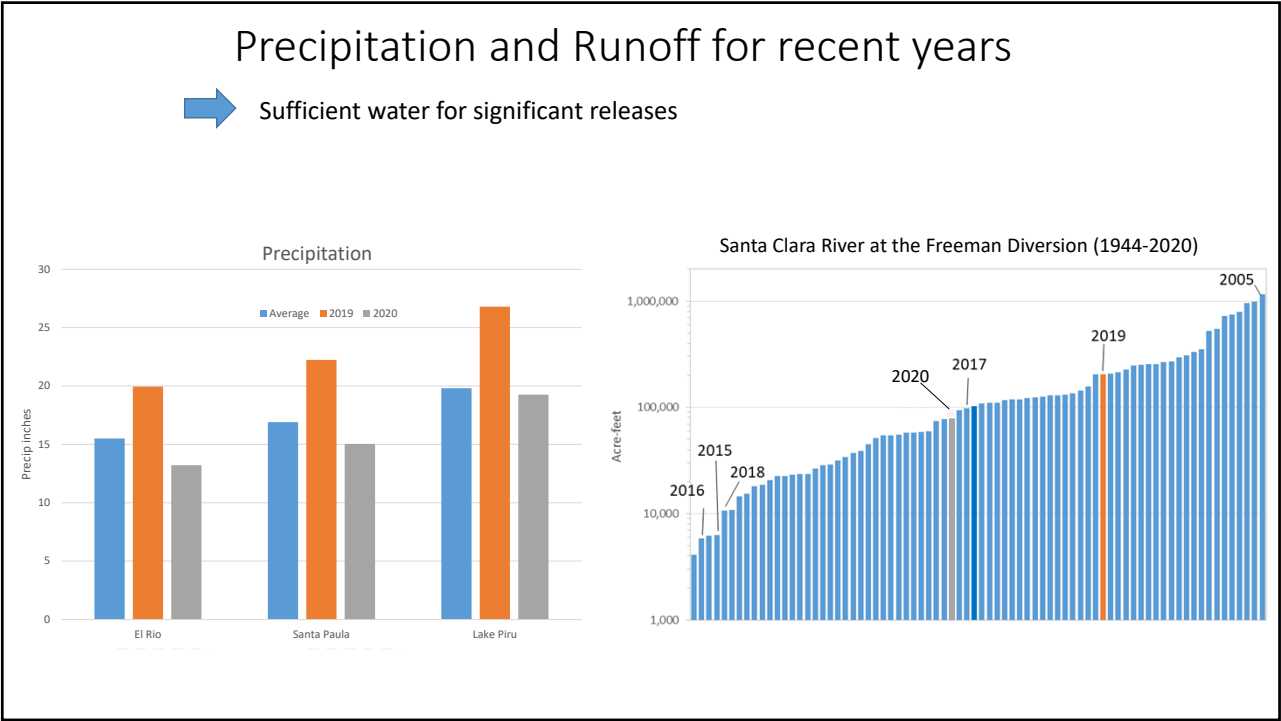
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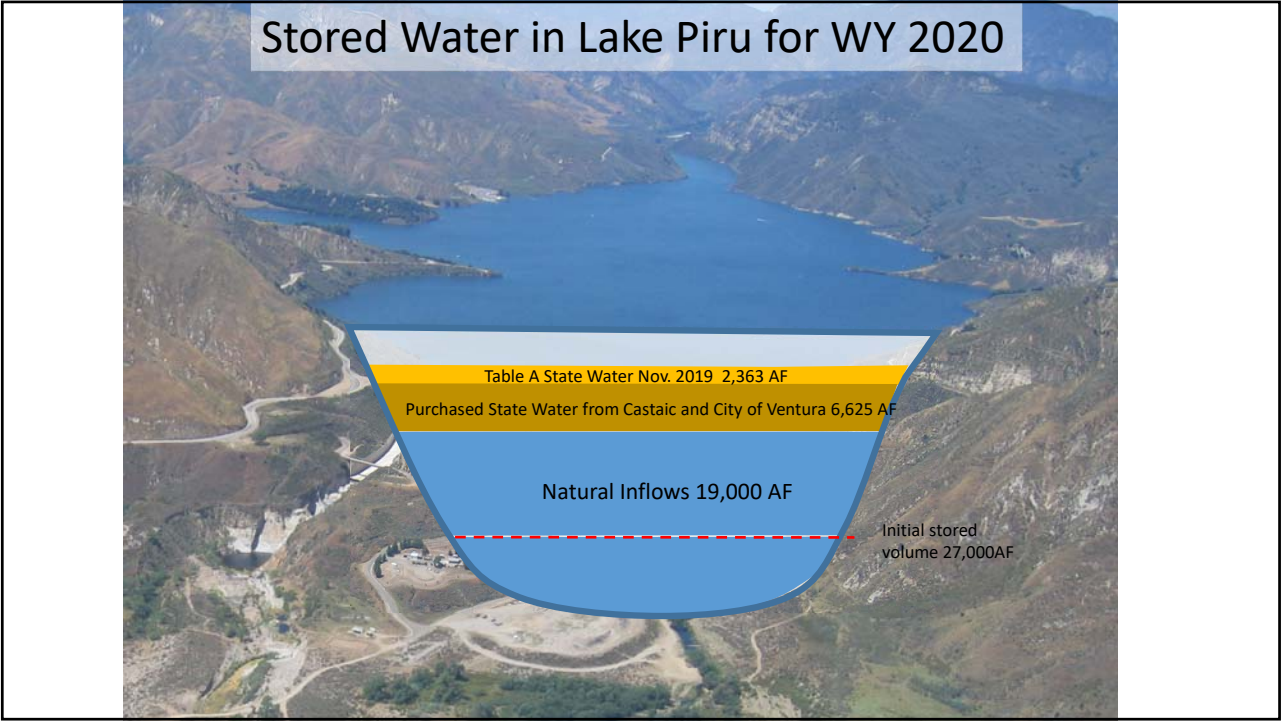
Marina Dock Repairs

INTERDEPARTMENTAL TEAMWORK

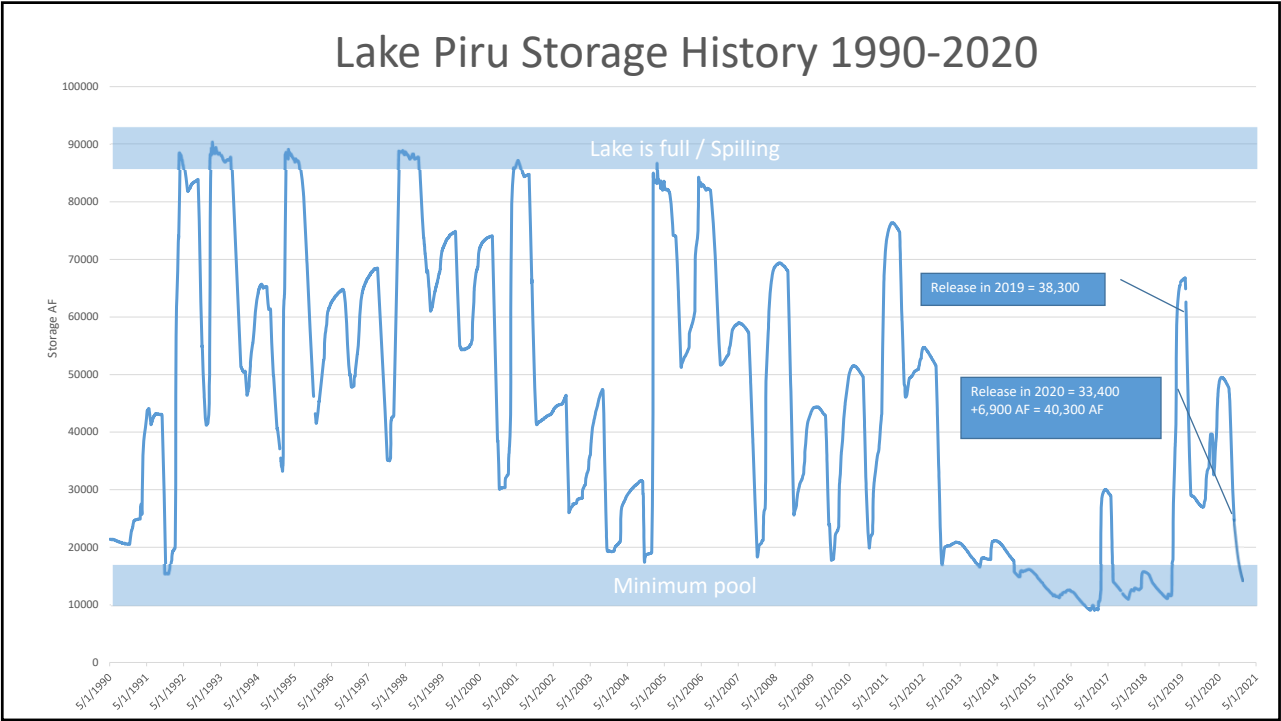


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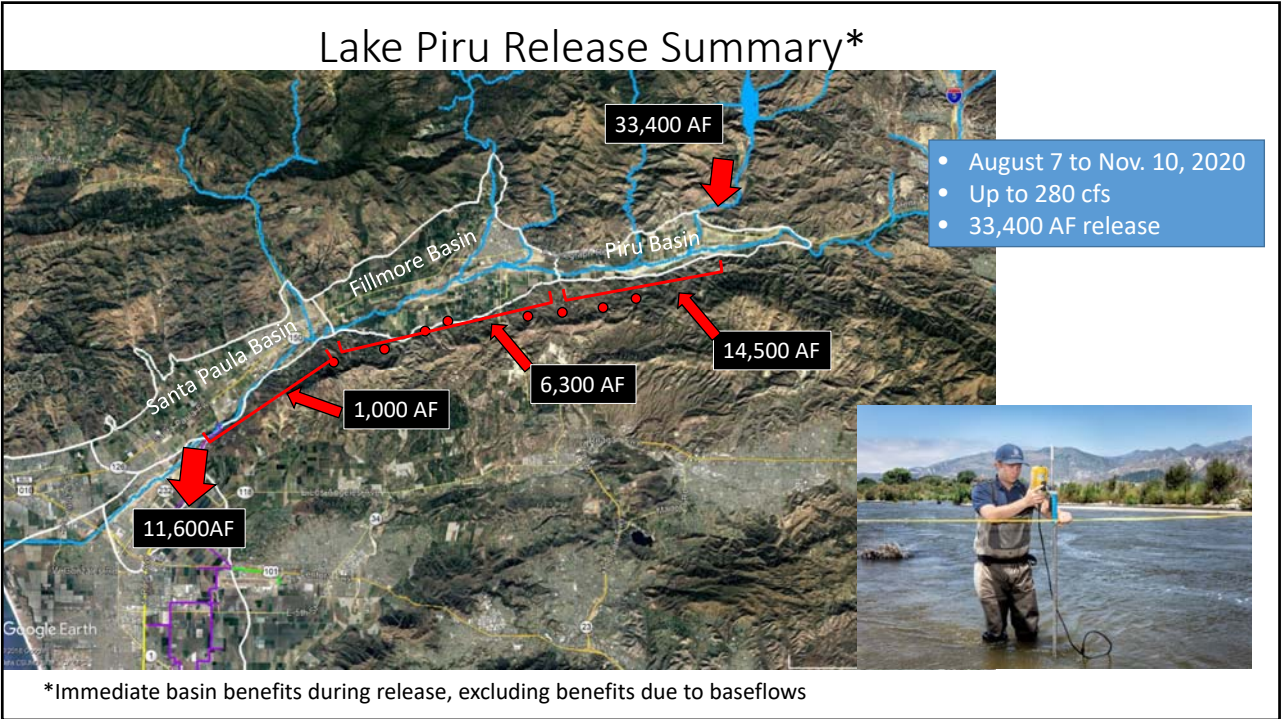
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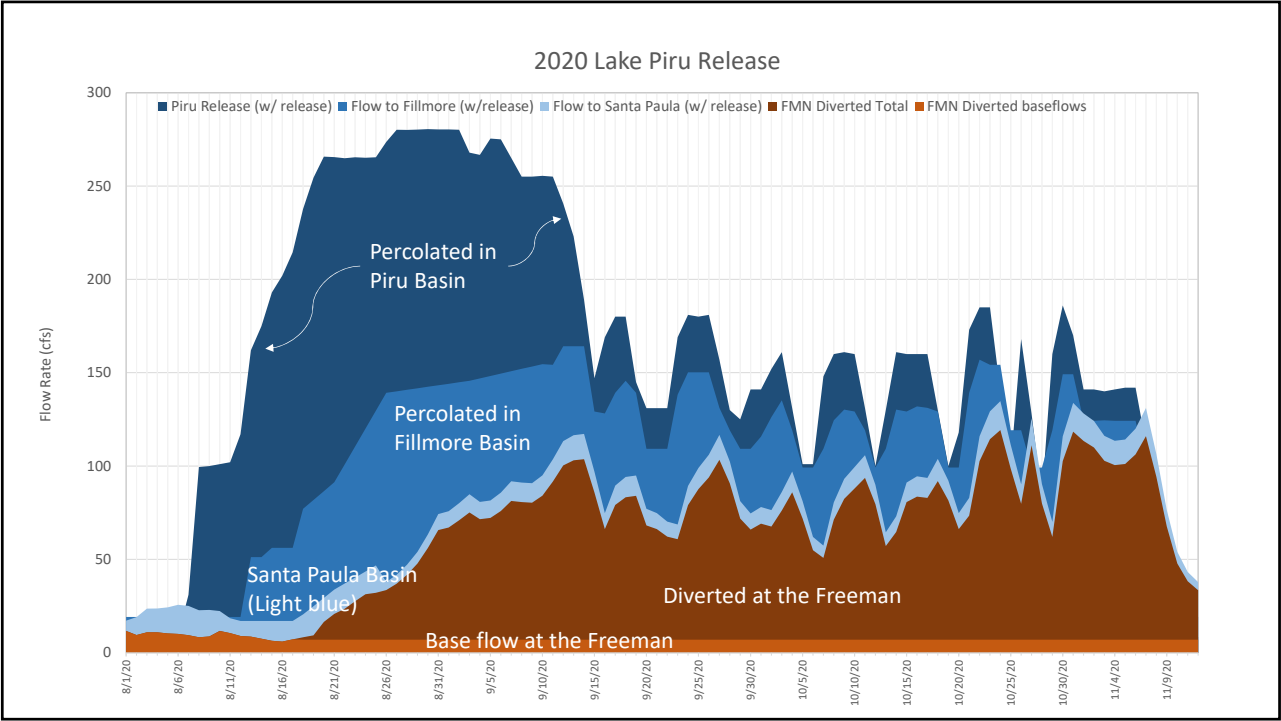
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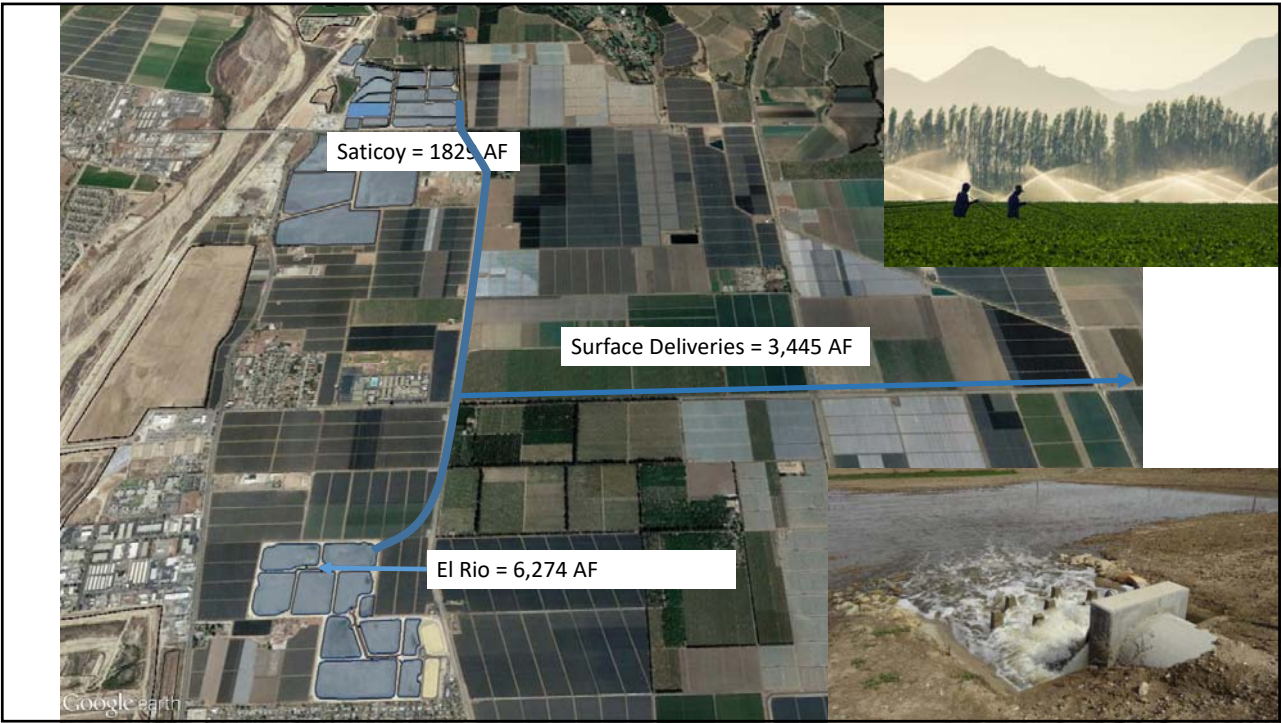


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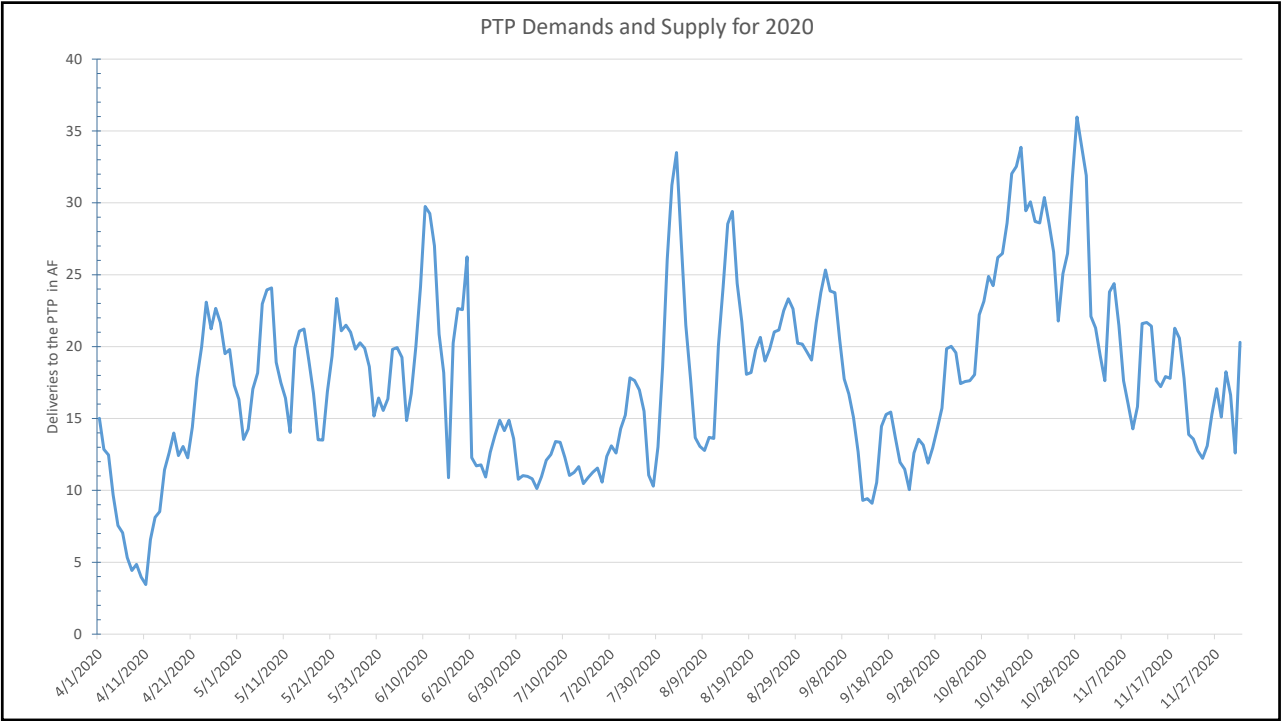
Management of the releases in the lower basin at the Freeman Diversion



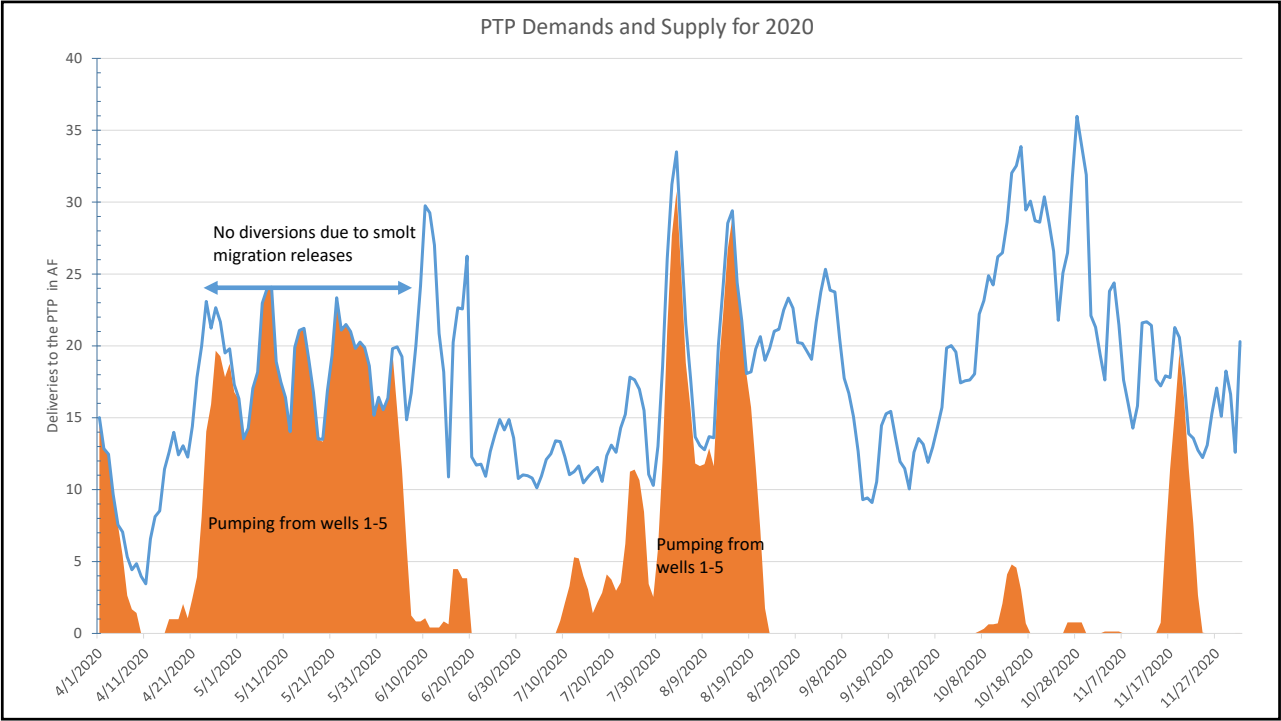
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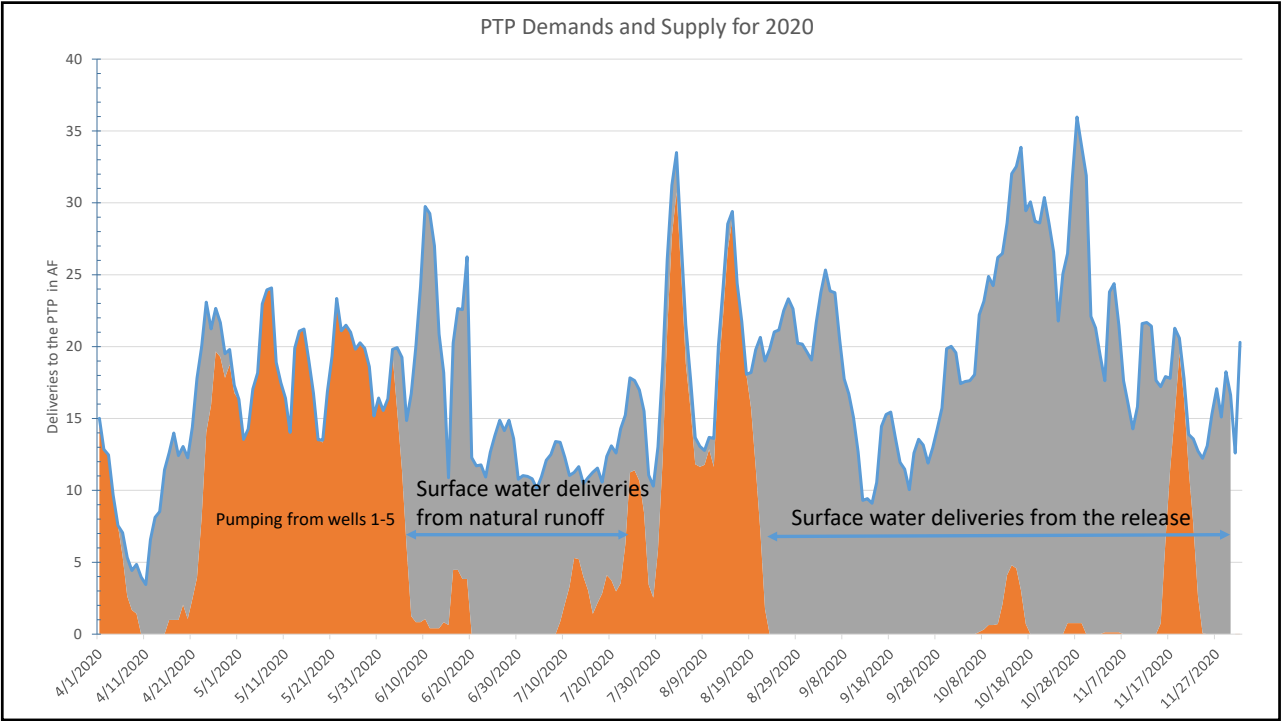
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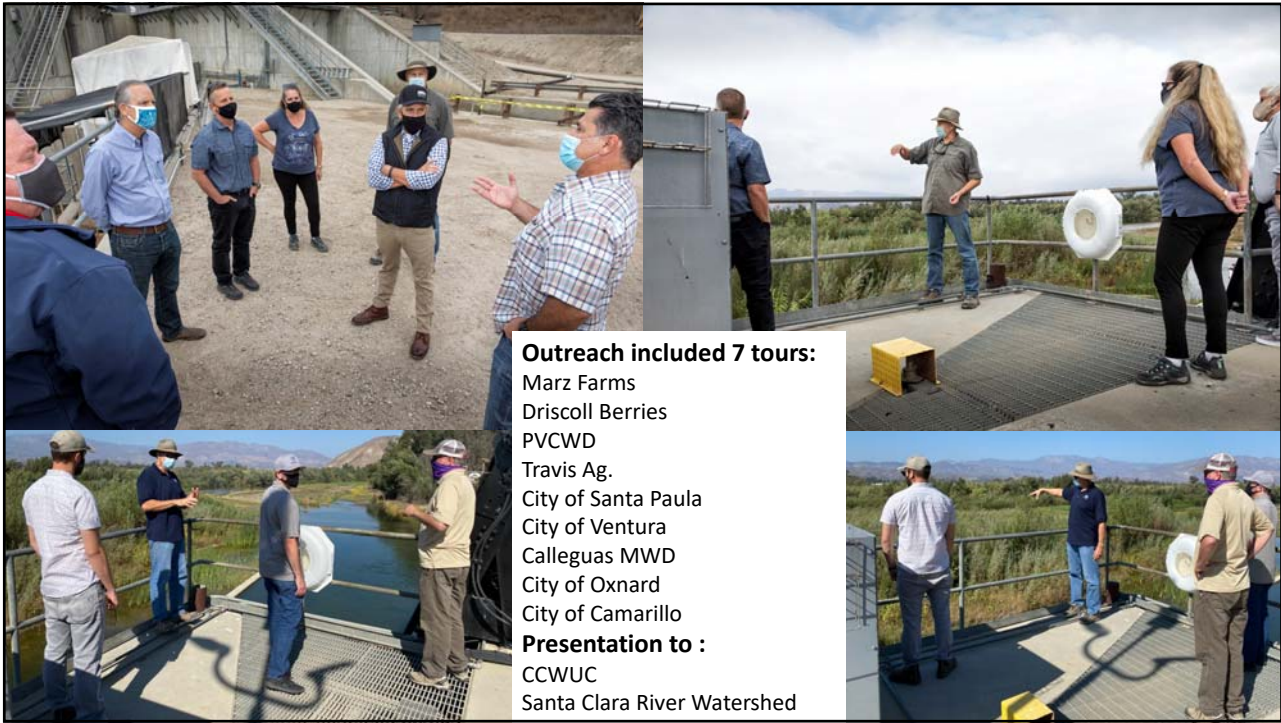
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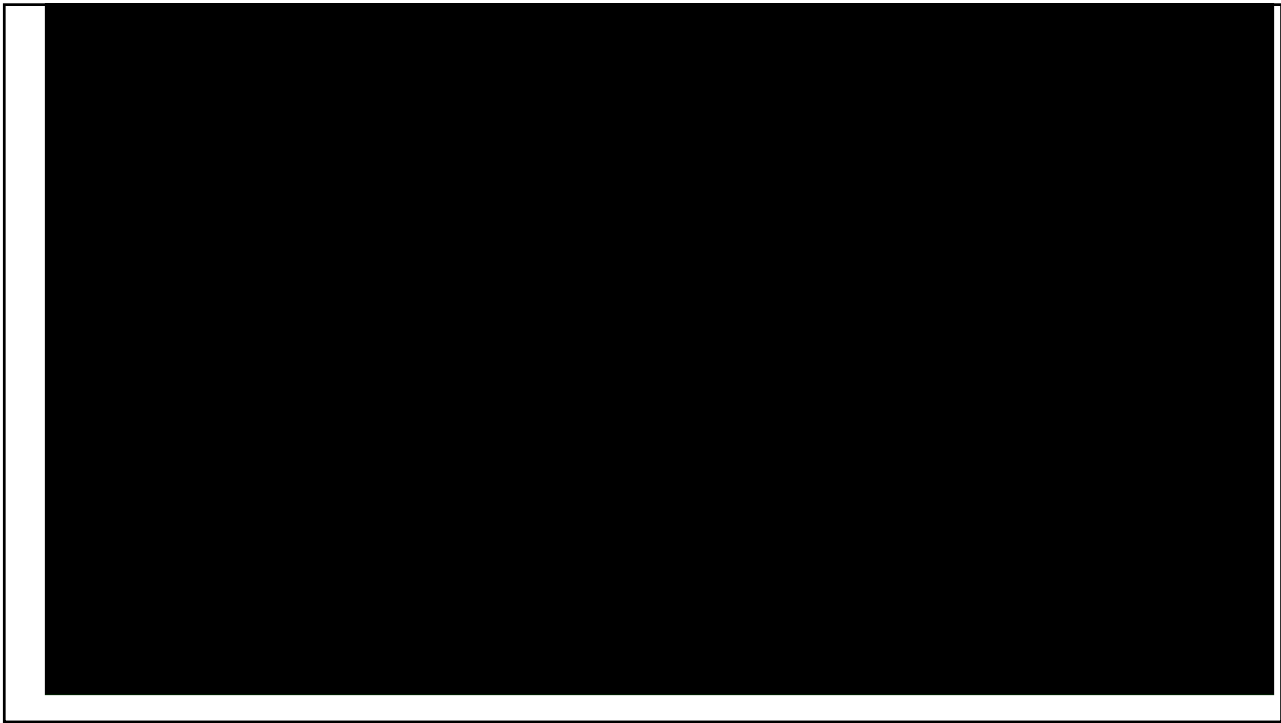
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Water Resources Department Report

Dan Detmer, PG, CHG
Supervising Hydrogeologist
December 9, 2020


1

El Niño/Southern Oscillation (ENSO) Update

Recent Evolution, Current Status and Predictions:

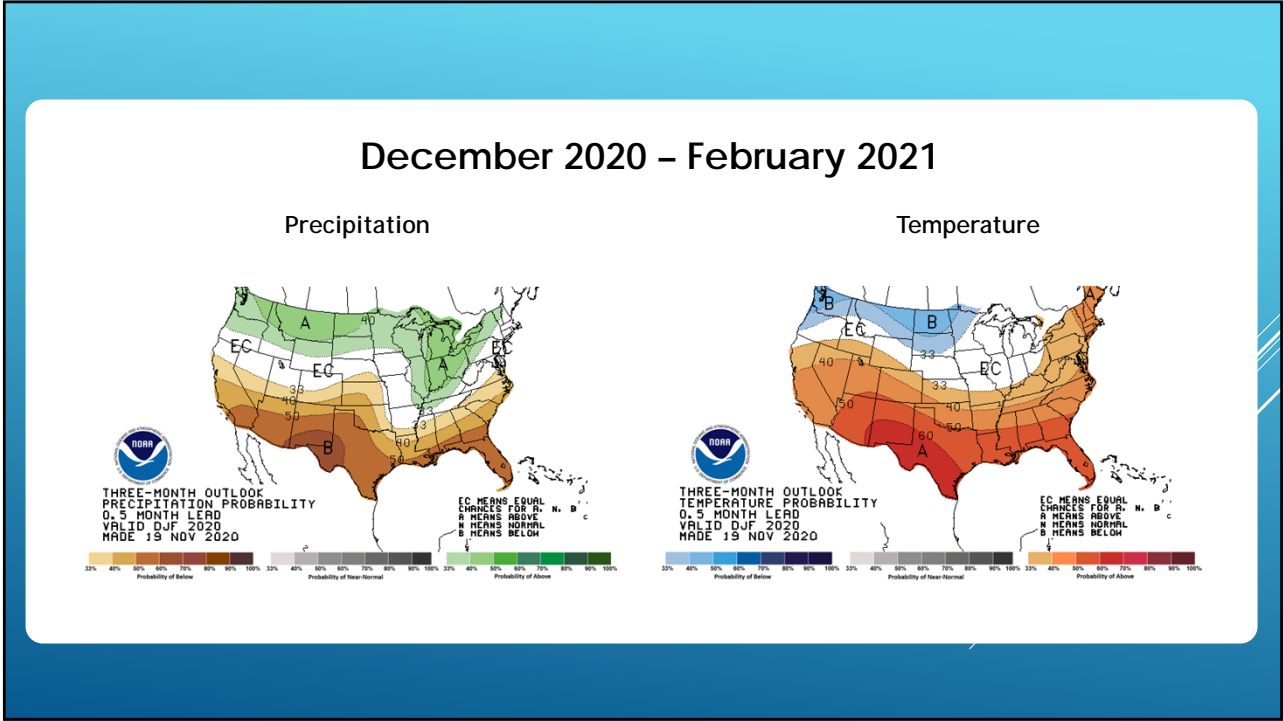
- La Niña conditions are present.
- Equatorial sea surface temperatures (SSTs) are below average from the west-central to eastern Pacific Ocean.
- The tropical atmospheric circulation is consistent with La Niña.
- La Niña is likely to continue through the Northern Hemisphere winter 2020-21 (~95% chance during January-March) and into spring 2021 (~65% chance during March-May).

Update prepared by:
Climate Prediction Center / NCEP
16 November 2020

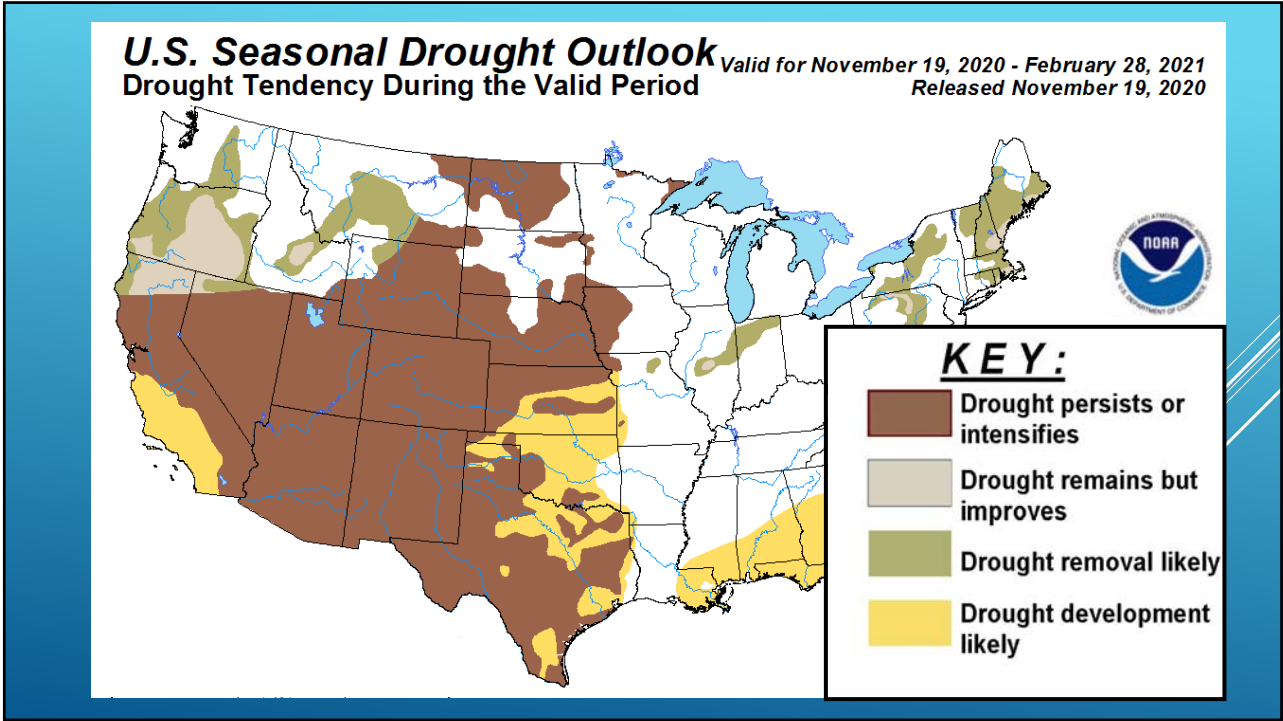


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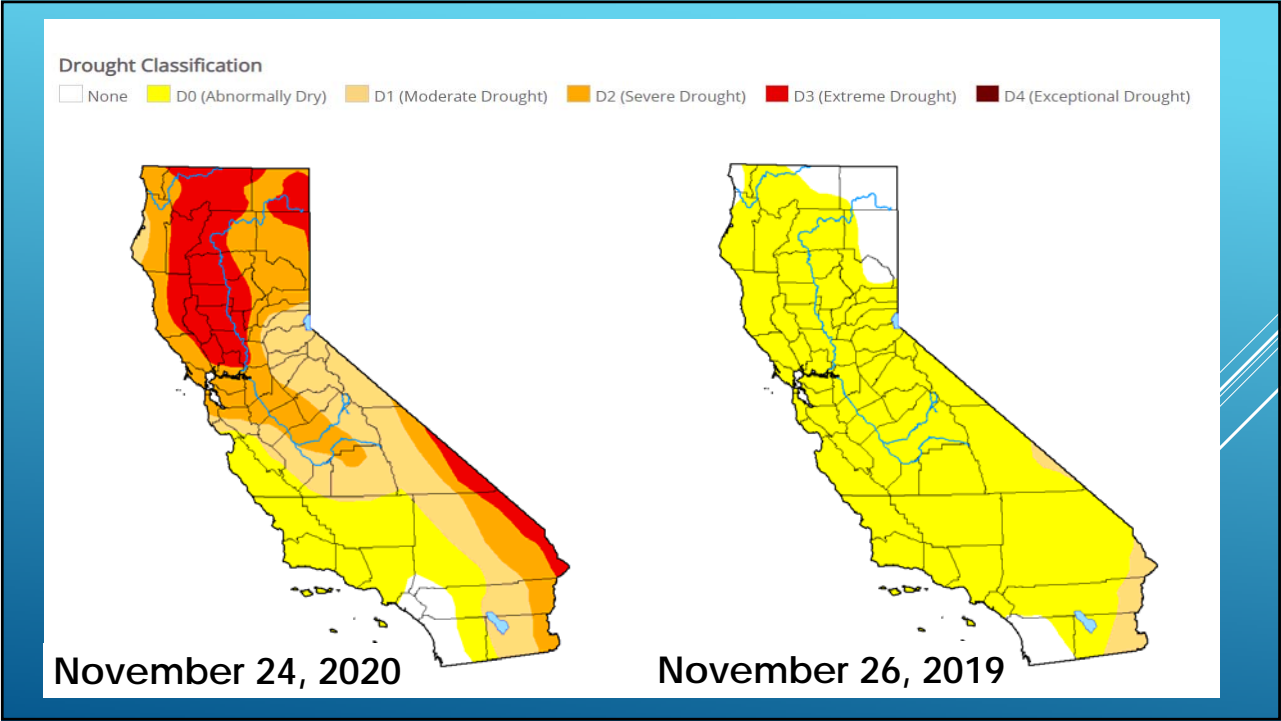
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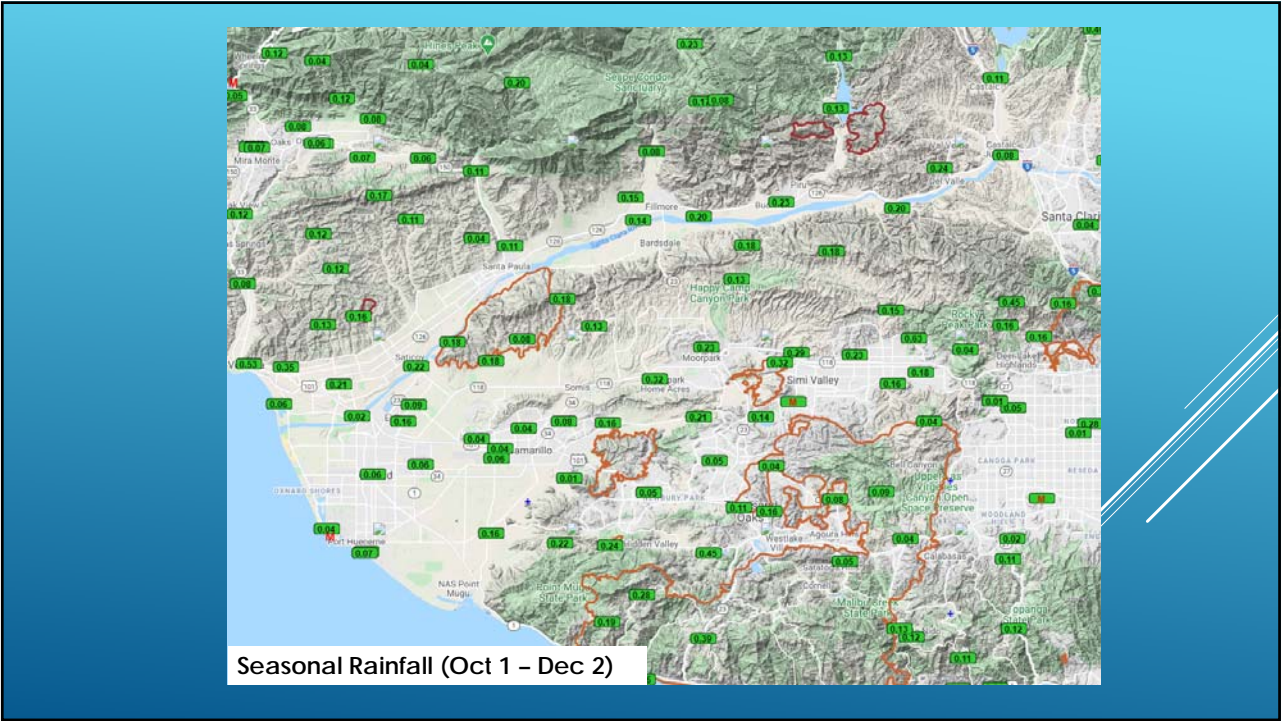
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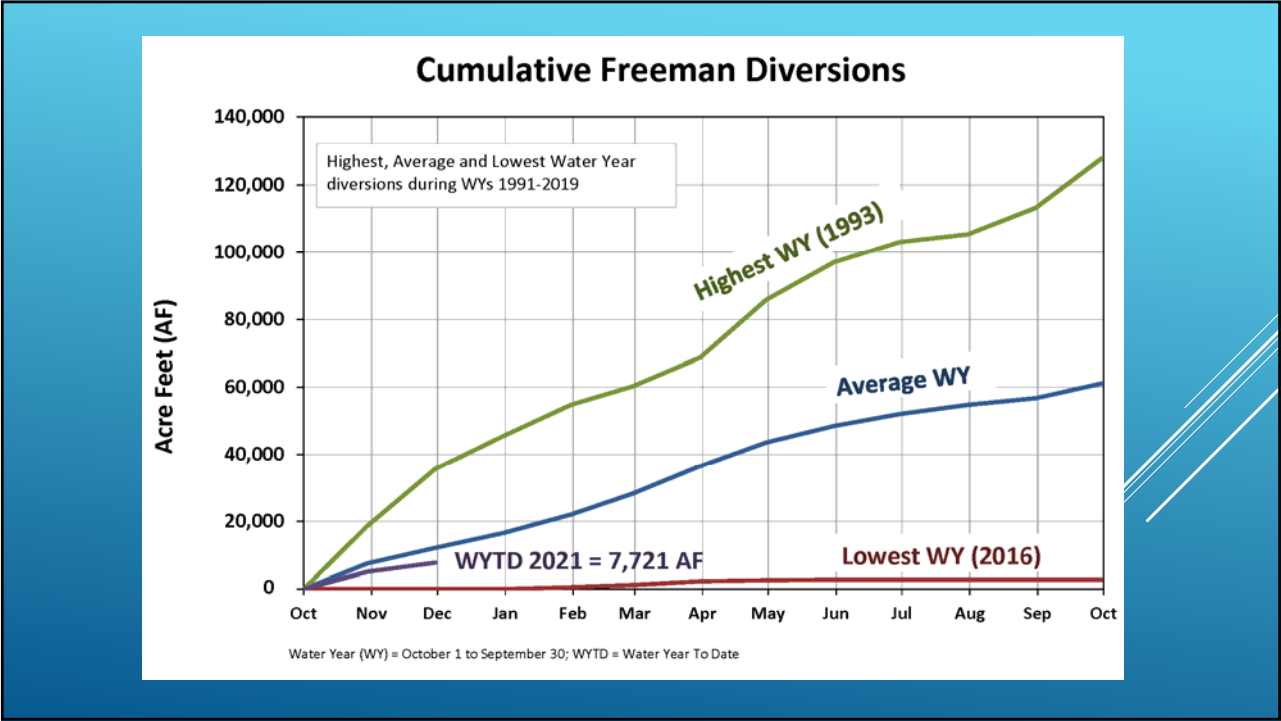
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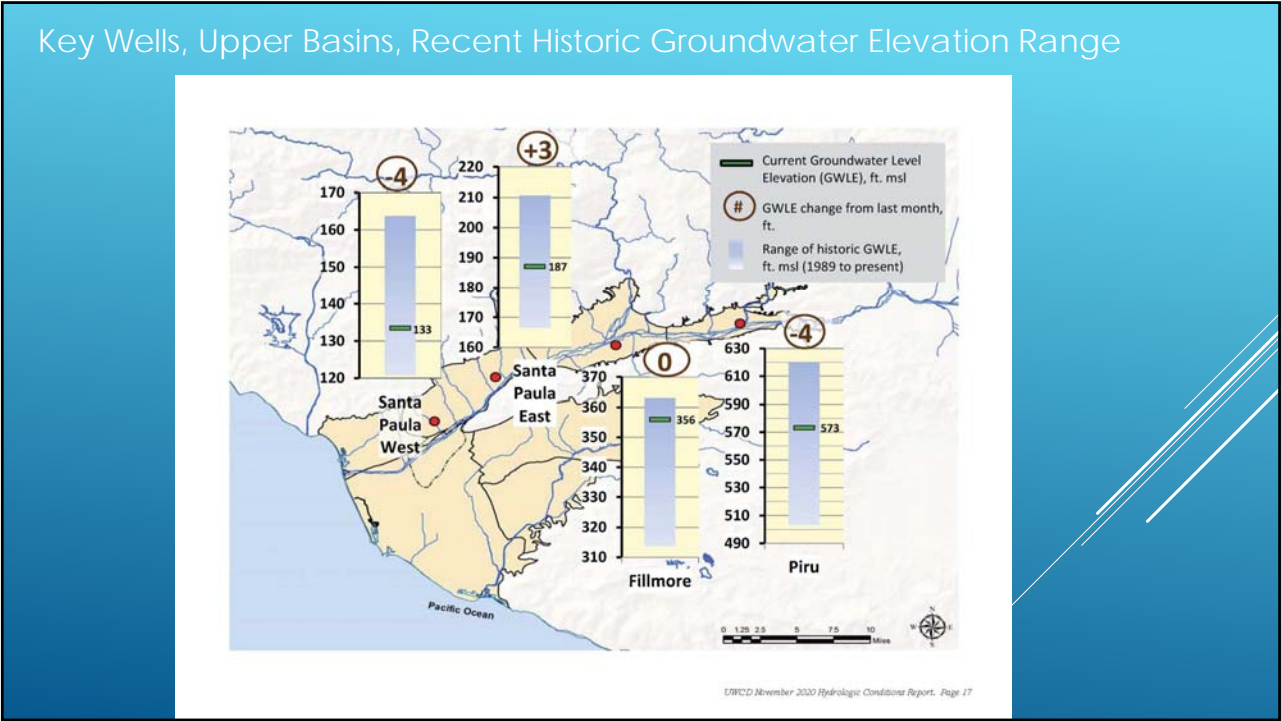
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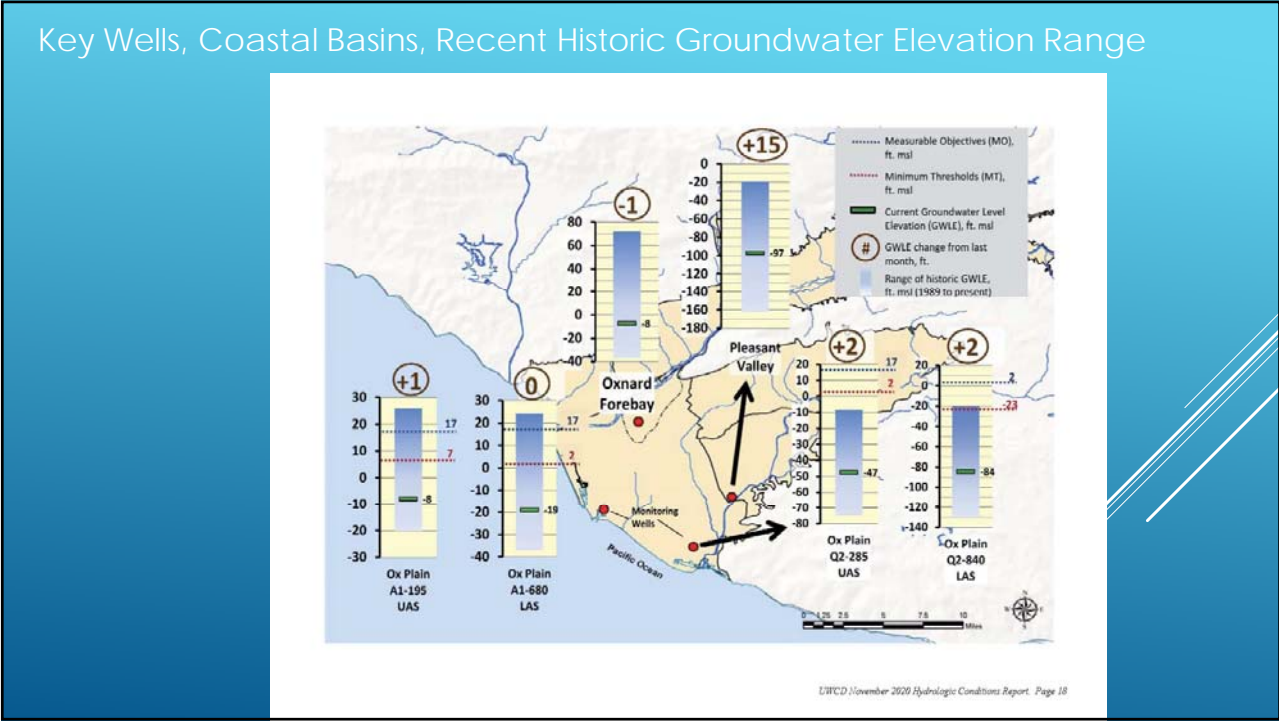
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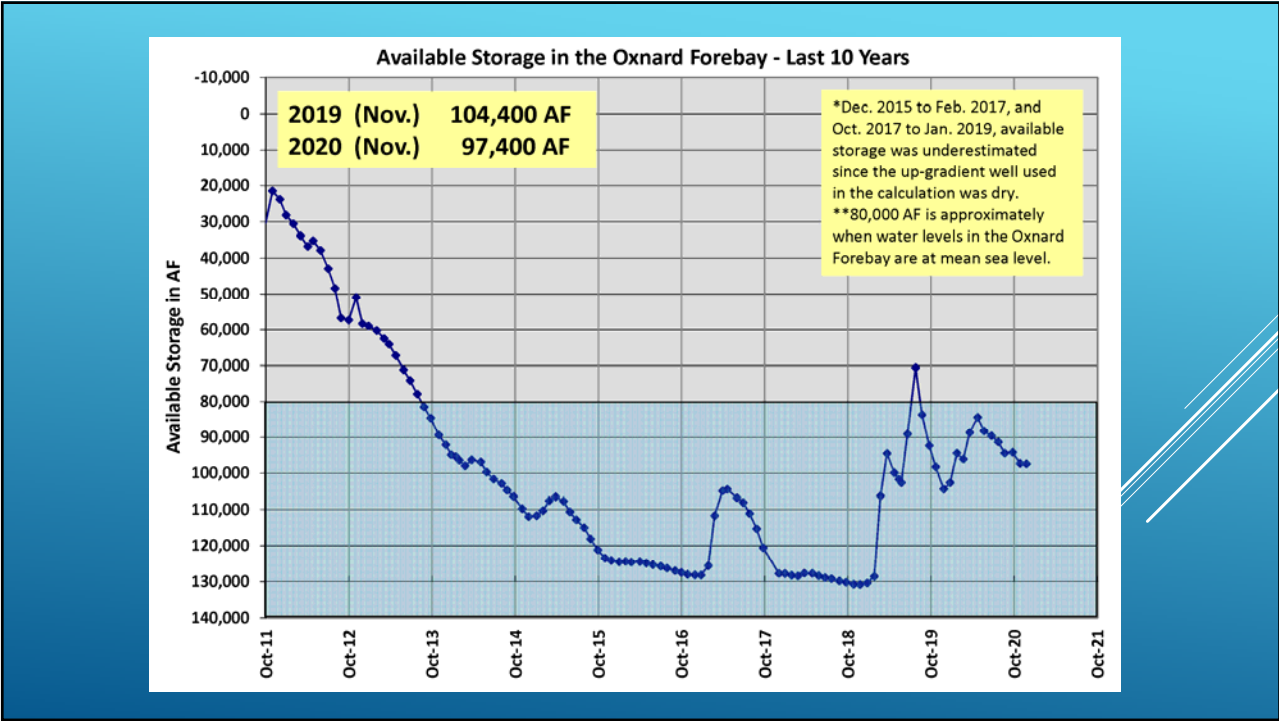
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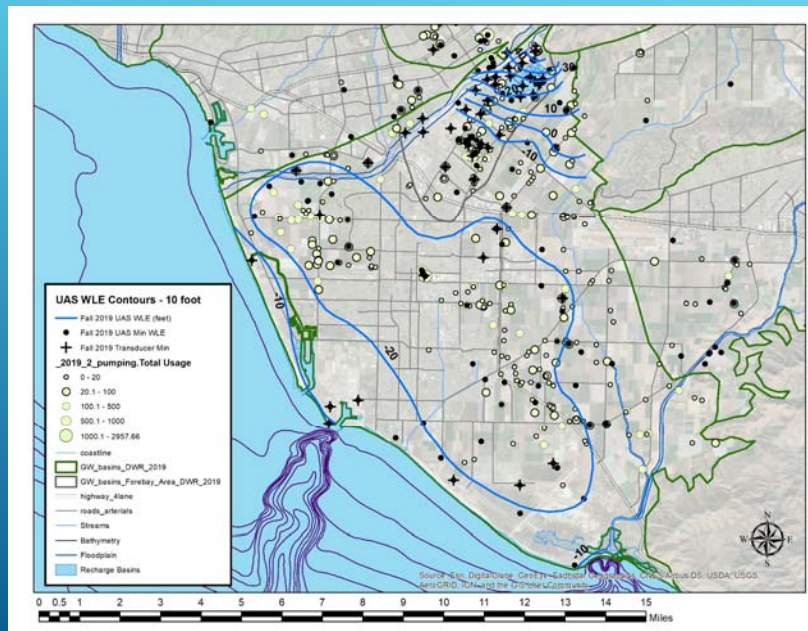
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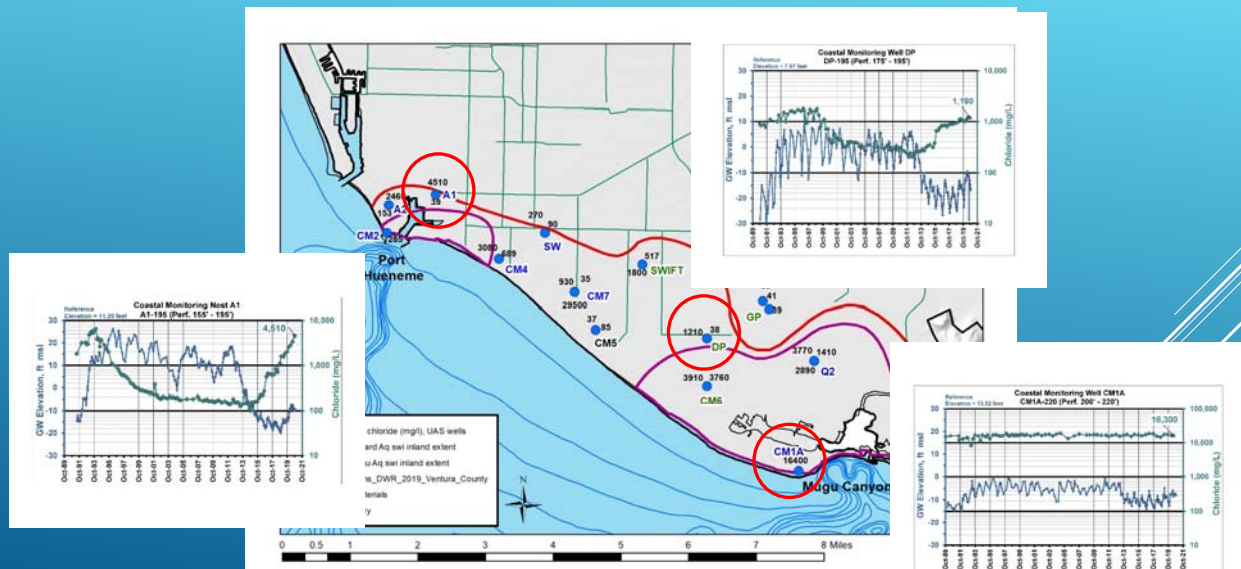
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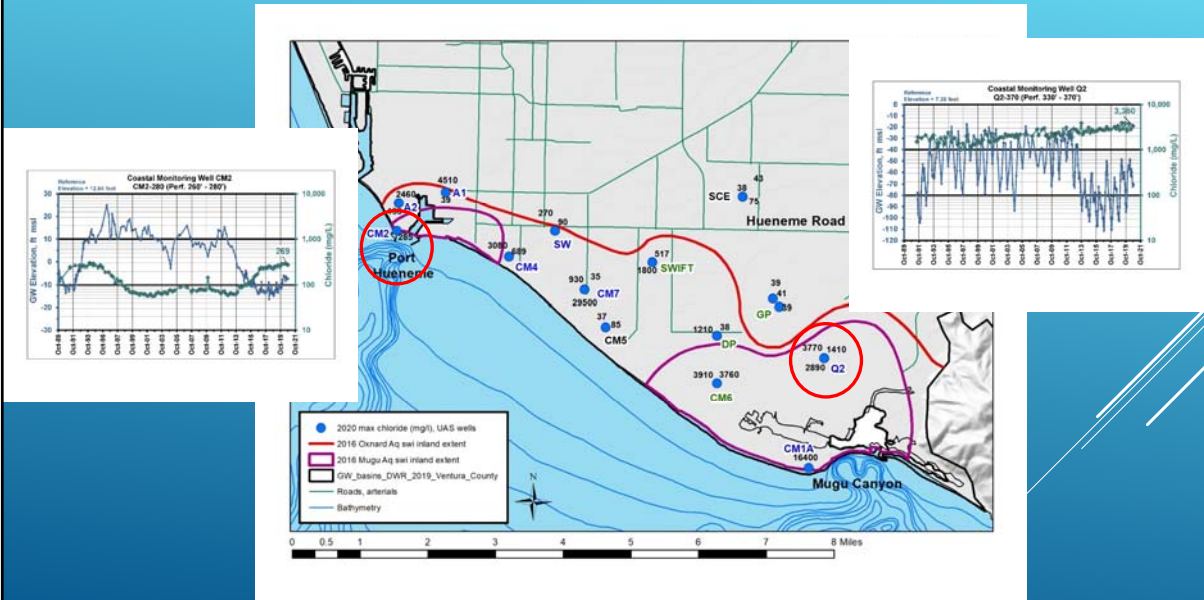


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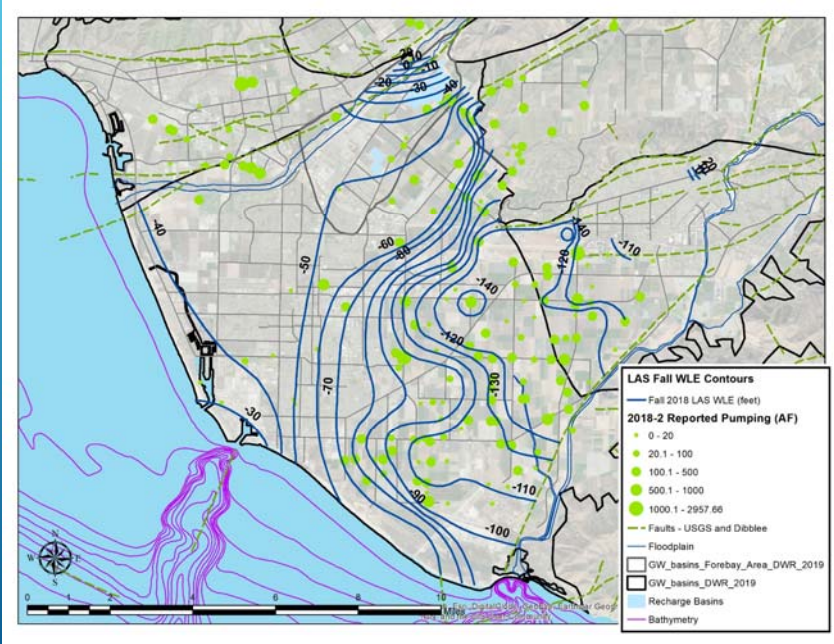
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Key Wells, Mugu Aquifer, Upper Aquifer System



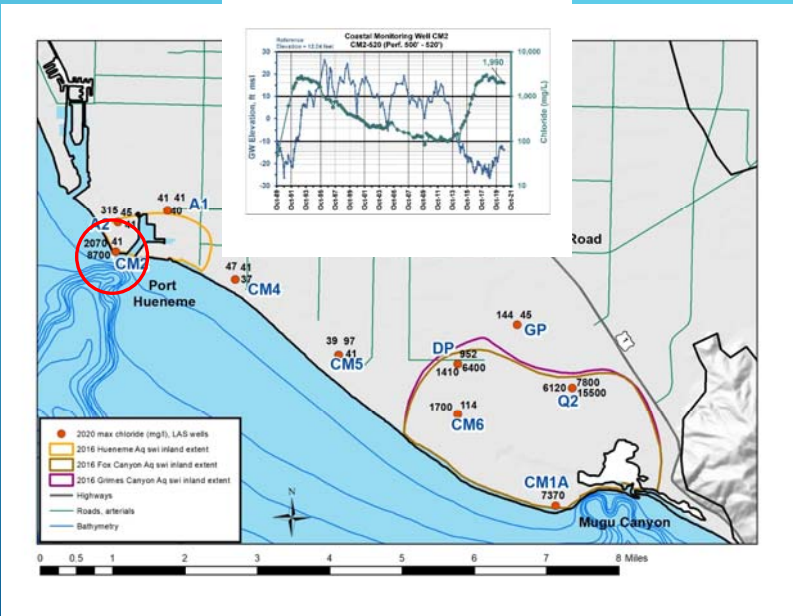
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Fall 2018 Groundwater Elevations, Lower Aquifer System



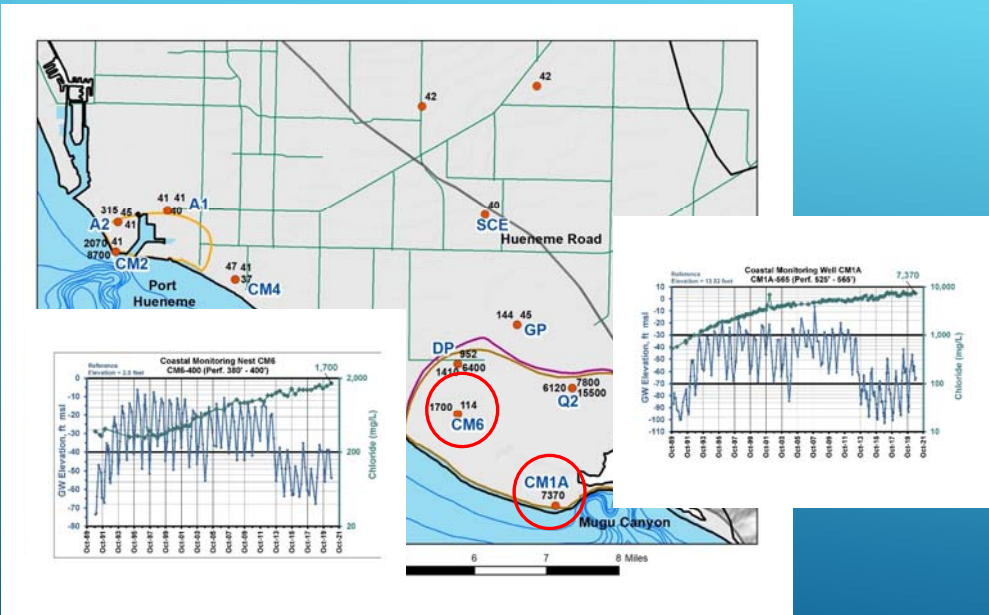
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Key Wells, Hueneme Aquifer, Lower Aquifer System



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Key Wells, Fox Canyon Aquifer, Lower Aquifer System



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