

CALIFORNIA DEPARTMENT OF WATER RESOURCES

REPORT OF ACTIVITIES

JULY 2023

THE PURPOSE OF THIS REPORT...

is to provide a brief update to Central Valley Flood Protection Board (CVFPB) members on California Department of Water Resources (DWR) activities that occurred in the previous month. This report is organized by the five DWR mega-programs:

- Flood Emergency Response
- Floodplain Risk Management
- Flood Risk Reduction Projects
- Flood Management Planning
- Flood System Operations and Maintenance

Only programs with updates for this month have been included in this report. Programs not listed in this month's report may be included in future reports if updates are provided.

If you have any questions or concerns regarding this report, please contact Eric Nichol, Assistant Manager, Division of Flood Management (DFM) at Eric.Nichol@water.ca.gov.

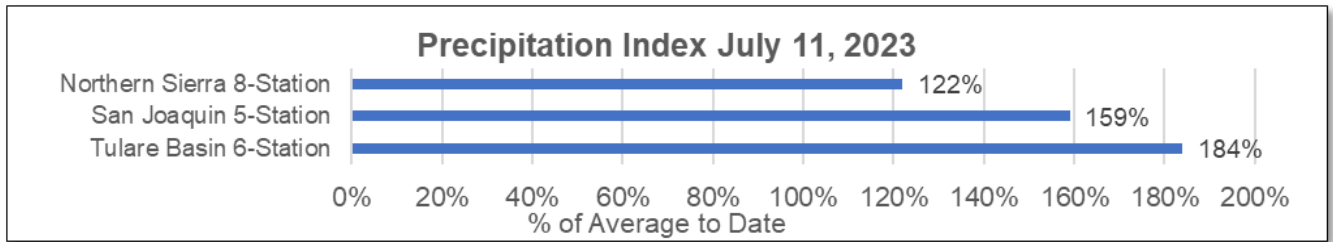
FLOOD EMERGENCY RESPONSE (FER)

FER // REAL-TIME FLOOD CONDITIONS, STATUS, & WARNING

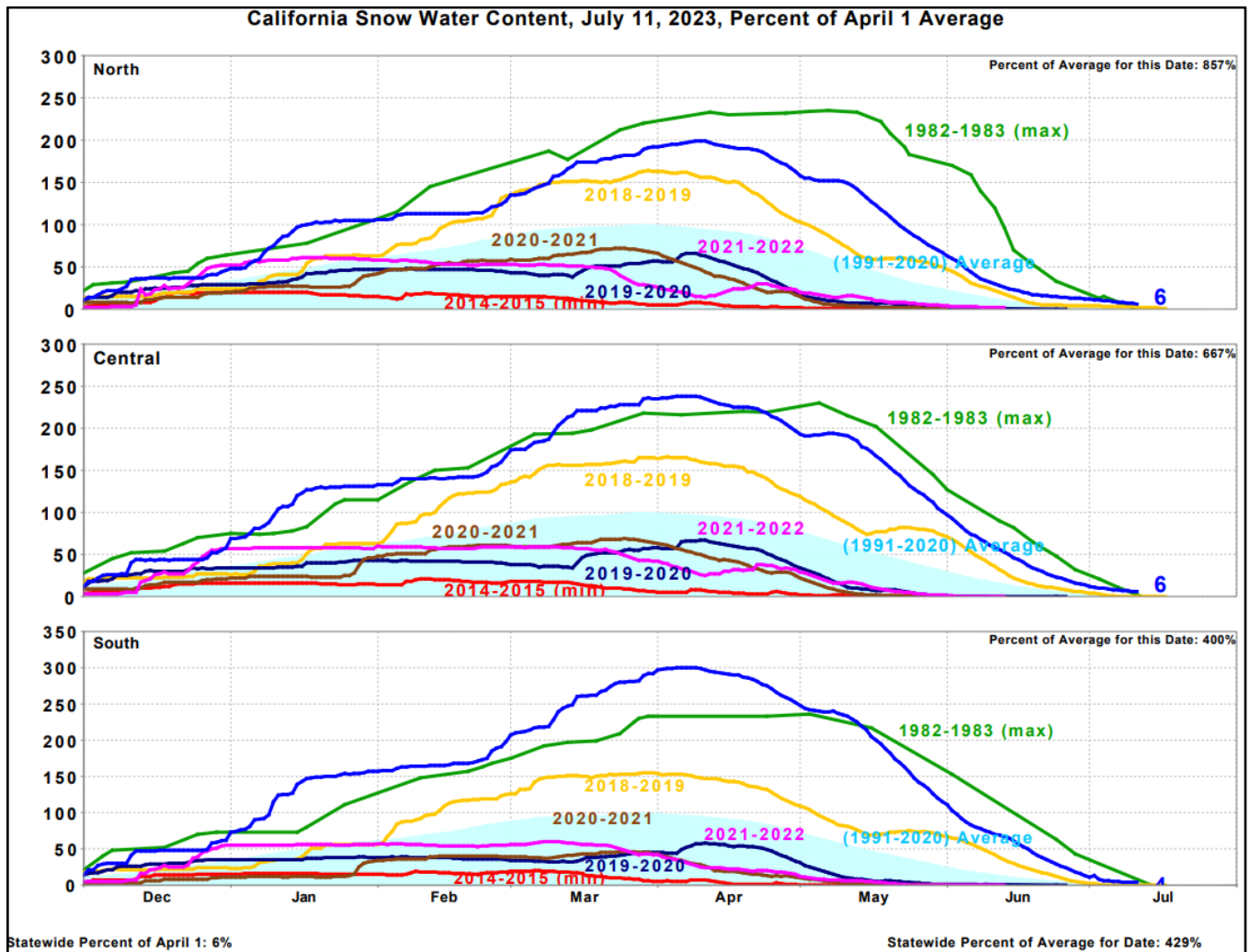
- On June 1, the Flood Project Inspection Unit (FPIU) held its quarterly LMA Coordination meeting. This meeting provides the CVFPB, LMAs, and DWR staff an opportunity to share information relevant to the flood control system.
- On June 20, the finalized Spring 2023 Levee Mile Inspection Reports were posted on the California Data Exchange Center (CDEC) website.
- During June, the eight Flood Fight Specialists in FPIU were deployed to a total of three locations in the San Joaquin and Tulare Basins to provide technical assistance and have been involved in directing two flood fights during that time.
- During June, FPIU inspectors performed 4 structure inspections; a total of 4 out of the 69 structures have been inspected for the 2023 Structures Inspection.
- During June, Local Maintaining Agency Assessment Unit (LMAAU) staff inspected 343 utility crossings for the 2023 Utility Crossing Inspection Program (UCIP). The LMAAU group has completed a total of 391 pipe inspections from the UCIP 2023 program so far. Data entry has been completed for 257 of those inspected pipes (66% complete).
- During June, LMAAU staff performed detailed updates on 13 pipes out of the 2,644 pipes inspected in 2021. Of those 2,644 pipes, 1,826 (69%) are now QA final for the 2021 QAP.
- In June, LMAAU, FPIU, and South Central Region Office (SCRO) staff, with collaboration from the Division of Engineering's Geomatics Section, performed field surveying of the last 9 High Water Staking sites.

FER // HYDRO-CLIMATE DATA COLLECTION & PRECIPITATION / RUNOFF FORECASTING

- During the month of June, California was cooler and wetter than average. The monthly precipitation total was 1.2 inches or 109% of average in the Northern Sierra, 0.6 inches or 100% of average in the San Joaquin, and 0.4 inches or 100% of average in the Tulare Basin.
- National Weather Service (NWS) Climate Prediction Center (CPC) long-range, 1-month outlook for July 2023 suggests:
 - Equal chance of above or below average temperatures throughout all of California.
 - Equal chance of above or below average precipitation throughout all of California.

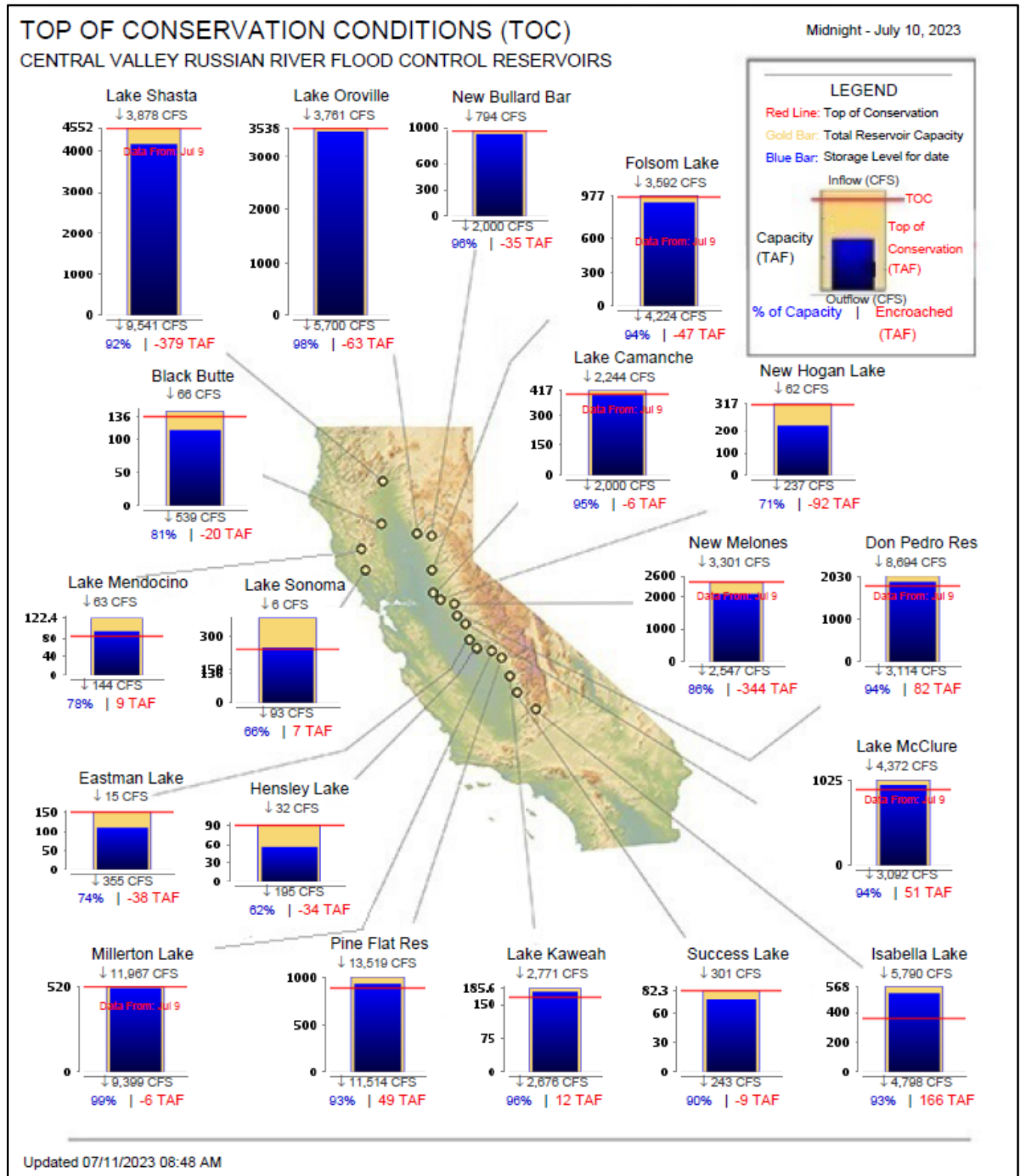


The Precipitation Index bar chart for July 11, presents the yearly total precipitation to date as a percentage of normal for three major basins: Northern Sierra 122% (64.1 inches to date), San Joaquin 159% (62.7 inches to date), and Tulare 184% (51.4 inches to date).



The California Snow Water Content graph for July 10, plots the current snow water content as a percent of April 1 average for the Northern, Central, and Southern Sierra Nevada. As of the morning of July 10, the snowpack in Northern, Central and Southern Sierra were 1.9, 1.4, and 0.8 inches respectively, or 6%, 6%, and 4% of the April 1 average respectively. Statewide snowpack was 1.4 inches or 6% of the April 1 average.

FER // RESERVOIR OPERATIONS & RIVER FORECASTING



The TOC for Central Valley and Russian River Flood Control Reservoirs figure, dated July 10, shows reservoir storage ranges from 62 percent of capacity at Hensley Lake (Fresno River) to 99 percent of capacity at Millerton Lake (San Joaquin River). Shasta Reservoir is at 92 percent of capacity and Lake Oroville is at 98 percent of capacity. Seven of the reservoirs are currently encroached into the flood conservation storage space.

FER // FLOOD EMERGENCY PREPAREDNESS & OPERATIONS

- Flood Operations Section (FOS) staff continued to execute contracts and oversee repairs for the Stockton-Weber Emergency Materials Transfer Facility, which was vandalized and damaged last year. The perimeter fence installation is ongoing and post locations for three switch boxes are being identified.
- On June 26, FOS staff began field inventories of statewide flood fight material stockpiles.
- On June 27, FOS staff hosted the second quarter Delta Working Group meeting held in-person in West Sacramento.
- On June 29, FOS staff received the final delivery for 99,000 wooden stakes to the Stockton-Weber Emergency Materials Transfer Facility.
- On June 29, the Request for Offer for the security camera contract at the Stockton-Weber Emergency Materials Transfer Facility was posted.

FLOODPLAIN RISK MANAGEMENT (FRM)

FRM // RISK ASSESSMENT & MAPPING SECTION

- June 19-23: Staff coordinated with DFM's Hydrology and Flood Operations Branch, SCRO, and Division of Engineering and participated in high water data collection efforts along the San Joaquin, Kings, and Kern Rivers. This data will support State, federal, and local risk assessment modeling and mapping for planning and feasibility studies, flood hazard mitigation, and emergency preparedness and response planning.
- June 19: Staff participated in a Flood-MAR project coordination meeting with Division of Planning for technical data and tools selections, local partnership development and communication, and engagement with local agencies for flood waters to recharge ground water activities within the San Joaquin Valley.
- June 20: Staff participated in a coordination meeting with the Flood-MAR Team on Cosumnes River modeling to support planning for aquifer recharge opportunities.
- June 21: Staff participated in a Paynes Creek Flood Investigation Project kickoff meeting with the CA Silver Jackets' partners: US Army Corps of Engineers (USACE), Federal Emergency Management Agency, California Governor's Office of Emergency Services, and Tehama County Public Works. The project goal is to identify feasible flood risk management solutions. Hydraulic models will be developed for the project to inform Tehama County of flood risk management actions.

FLOOD RISK REDUCTION PROJECTS (FRRP)

FRRP // DELTA LEVEE SYSTEM INTEGRITY (DLSI)

Delta Levees Maintenance Subventions Program

- **Subventions Program FY 2020-21**
 - CVFPB approved \$12 million for the FY 2020-21 Funding Plan. (June 26, 2020)
 - 73 work agreements executed.
 - 72 final claims for \$9.5 million have been processed for reimbursement.
- **Subventions Program FY 2021-22**
 - 73 applications for \$54 million were received and reviewed.
 - CVFPB approved \$10 million for the FY 2021-22 Funding Plan (June 25, 2021).
 - CVFPB approved an additional \$2 million for the FY2021-22 Amended Funding Plan, for a total of \$12 million (June 24, 2022).
 - 73 work agreements executed.
 - 72 final claims have been received for \$16.3M (estimated reimbursement \$11.6)
 - 66 final claims for \$9.0 million are being processed for reimbursement.
- **Subventions Program FY 2022-23**
 - 72 applications for \$61 million have been received and reviewed.
 - The CVFPB approved \$12 million for the FY 2022-23 Funding Plan (June 24, 2022).
 - The CVFPB approved an additional \$0.5 million for a total \$12.5 million for the FY 2022-23 Funding Plan (June 23, 2023).
 - Work agreements are due June 2023.
- **Subventions Program FY 2023-24**
 - 72 applications for \$62.5 million have been received and are being reviewed.
 - The CVFPB approved \$13 million for the FY 2023-24 Funding Plan (June 23, 2023).

FRRP // USACE PROJECTS

Folsom Dam Raise Project

- The Mormon Island Auxiliary Dam (MIAD) project bid opening was on May 18, 2023, and was awarded on June 12, 2023, to Ahtna-Great Lakes E&I JV. Construction is estimated to begin November 2023 and be completed October 2024. Proposed improvements are approximately 4,900 linear-feet, resulting in a 3.5' raise to the existing earthen embankment with a new reinforced concrete floodwall on top of a new slag cement-cement-bentonite (SCCB) seepage cutoff wall.

San Joaquin River Basin, Lower San Joaquin River California Project (PED)

- DWR was informed that the SJAFCA assessment for levee construction and maintenance was supported by property owners with 58 percent of the weighted vote. The results were disclosed at the SJAFCA Board meeting on June 15, 2023.
- The public draft for the Supplemental EIR and Supplemental Environmental Assessment was released for the TS30L project levee on May 31, 2023. Comments must be provided in writing and received by 5:00 p.m. PDT, July 17, 2023, which is 45 days after publication of the notice on May 31, 2023. Both virtual and in-person community meetings were held on June 26, 2023, and public input was received.
- The recent decision by the Supreme Court (Sackett) defining the Waters of the US could impact the TS30L project schedule. More importantly, this decision could impact the entire project regarding the acreage of wetland impacts. USACE legal counsel directed USACE environmental staff to move forward with the processing of a 401 individual application for the project to avoid delaying the project until/unless new guidance is received. The 401 permit will cover impacts to both the Waters of the US and Waters of the State. If USACE is directed to pull the permit application prior to approval, then a CA WDR permit will be submitted by SJAFCA to address impacts to the State. This would delay the start of construction of the TS30L project.

West Sacramento Levee Improvement Project (USACE)

- USACE will open contractor bids for the Yolo Bypass East Levee North project in mid-July. A project award is scheduled for Aug 18, 2023, with construction anticipated to begin in Nov 2023.
- On Aug 10, 2023, USACE will hold a Kickoff Meeting for the Sacramento River West North Levee (SRWNL) Segments 1 and 2 Design effort which consists of 2.5 miles of slurry walls along the Sacramento River west bank levee from the Sacramento Bypass south to the confluence of the American and Sacramento Rivers.
- On Oct 5, 2023, USACE will hold a Groundbreaking Ceremony for the West Sacramento Project. Details on location and attendees to follow.

FRRP // SYSTEMWIDE FLOOD RISK REDUCTION (SFRR)**Lower Elkhorn Basin Levee Setback (LEBLS) Project**

- The LEBLS project construction continues to progress. The pump station work and new setback levee earthwork are nearly complete. The construction contractor started work on the new County Road 124 and they have initiated work removing the existing levee along Yolo Bypass, and they are installing tied concrete block mats along the waterside of the levee for wind wave erosion protection. AT&T is in the process of relocating their fiber optic line. The LEBLS contractor is scheduled to complete all work on the setback levee and remove most of the existing levee and revegetate the site by the fall.

Little Egbert Multi-Benefit Project

- As the Lead Agency under the California Environmental Quality Act, DWR issued a Notice of Preparation for the Little Egbert Multi-Benefit Project (proposed Project) on June 13, 2023, initiating a 45-day public scoping period that will end on July 28, 2023.
- DWR will prepare an Environmental Impact Report for the proposed Project. Three public scoping meetings have been held, including virtual meetings on June 26 and 29, and an in-person meeting on July 11 in Rio Vista.
- Written comments regarding the issues that should be addressed in the EIR, including potential alternatives to the proposed Project and the scope of the analysis, are invited and must be received no later than 5 p.m. on July 28, 2023. Comments can be sent via email to littleegbertmbp@water.ca.gov with the subject heading “RE: Little Egbert Multi-Benefit Project NOP” or by mail. More information can be found at <https://water.ca.gov/LittleEgbert>

Flood System Operations and Maintenance

Flood Maintenance and Operations Branch is responsible for two areas of State Plan of Flood Control (SPFC) facilities: State Maintained Areas (SMAs), which are authorized by CWC Section 8361, and ten Maintenance Areas (MAs), which are described in CWC Section 12878. SMAs are funded by state general funds, while MAs are funded by reimbursable accounts and through the assessments of property owners protected by the MA levees and facilities.

- No updates for this report.

*****End of report*****