

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (310) 618-2780. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR35.102-35.104 ADA Title II]

Direct questions or concerns to the Commission Liaison at (310) 618-2967 or individual department head prior to submission to the Commission. Parties will be notified if the complaint will be included on a subsequent agenda.

The Water Commission is an advisory body to the City Council that meets on the fourth Wednesday of each month at 7:00 p.m. All meetings are open to the public.

Staff reports are attached to the agenda and available for review online. Questions or concerns may be directed to Chuck Schaich at (310) 781-6900. Agendas and Minutes are posted on the City of Torrance Home Page www.TorranceCA.Gov.

**TORRANCE WATER COMMISSION AGENDA
WEDNESDAY, JULY 28, 2021
REGULAR MEETING
7:00 P.M.
WEST ANNEX COMMISSION MEETING ROOM
CITY HALL
AT 3031 TORRANCE BOULEVARD
TORRANCE, CA 90503**

**WATER COMMISSION MAY TAKE ACTION ON ANY ITEM
LISTED ON THE AGENDA**

1. CALL MEETING TO ORDER

ROLL CALL: Commission members Craft, Glass, Kawai, Masnek, Mattie, Siani, Chair Jay

2. FLAG SALUTE

3. REPORT OF THE PUBLIC WORKS STAFF ON THE POSTING OF THE AGENDA

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on Friday, July 23, 2021.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

5. ORAL COMMUNICATIONS (Limited to a 30-minute period)

This portion of the meeting is reserved for public comment on items on the agenda or on topics of interest to the general public. Under the Ralph M. Brown Act, Commissioners cannot act on items raised during public comment but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. Speakers under this Public Comment period will have no longer than 3 minutes per speaker. Please do not use Bluetooth or speaker devices, mute the volume on your television or other electronic devices and speak clearly. Your phone call to the Commission meeting will be recorded as part of the meeting. By staying on the line and making public comment during the meeting, you are agreeing to have your phone call recorded.

6. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, that item will be removed by a Commissioner from the Consent Calendar and considered separately.

6A. Approval of Minutes

- I. Special Meeting June 9, 2021
- II. Regular Meeting June 23, 2021

7. ADMINISTRATIVE MATTERS

Matters listed under Administrative Matters are considered separately. Comment by members of public on each is limited to a maximum of 2 minutes per item. Speakers must stay on topic and confine their comments to the item under consideration.

7A. Election of Water Commission Chair and Vice-Chair for Fiscal 2021-22

Recommendation of the Deputy Public Works Director - Operations that the Commission vote to select the Chair and Vice-Chair for Fiscal 2021-22

7B. Discussion - Drought Conditions in State and Water Supply Situation – Update

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

7C. Oral Report - West Basin Water Association (WBWA)

No Report – July Meeting Cancelled

7D. Overview Presentation Regarding Torrance Municipal Water – Part 1

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

7E. Discussion - Monthly Water Operations Report

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

8. METROPOLITAN WATER DISTRICT MATTERS

8A. Metropolitan Water District Director’s Report

9. COMMISSION AND STAFF ORAL COMMUNICATIONS

10. ADJOURNMENT

10A. Adjournment of the Water Commission Meeting to Wednesday, August 25, 2021, at 7:00 p.m.

**MINUTES OF A SPECIAL MEETING
OF THE TORRANCE WATER COMMISSION**

1. CALL MEETING TO ORDER

The Torrance Water Commission convened in a special session at 7:00 p.m. on Wednesday, June 9, 2021 via teleconference or other electronic means.

ROLL CALL:

Present: Commissioners *Craft, Glass, Kawai, Mattie, Siani, Walsler, and Chairperson Jay.

Absent: None.

Also Present: Senior Administrative Analyst Schaich, Administrative Analyst Garcia, Water Operations Manager Darlak, Deputy Public Works Director Knapp, Metropolitan Water District Director Lefevre, Administrative Assistant Papa, and Administrative Assistant Pose.

*Commissioner Craft arrived at 7:14 p.m.

2. FLAG SALUTE

Chairperson Jay led the Pledge of Allegiance.

3. REPORT OF THE PUBLIC WORKS STAFF ON THE POSTING OF THE AGENDA

Senior Administrative Analyst Schaich reported the agenda was posted on the Public Notice Board at 3031 Torrance Boulevard and on the City's Website on May 28, 2021.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

– None.

5. ORAL COMMUNICATIONS

Charles Deemer spoke.

6. CONSENT CALENDAR – None.

7. ADMINISTRATIVE MATTERS

7A. CONSIDERATION AND DISCUSSION – MAJOR FINDINGS OF 2020 URBAN WATER MANAGEMENT PLAN (UWMP)

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and provide a conceptual approval of the major findings of the 2020 Urban Water Management Plan.

Senior Administrative Analyst Schaich presented the report on the item and noted that this meeting was a continuation of the discussion and deliberations from the Commission's May 26 meeting, to allow the Commission to review the final revised draft of the Plan, which now contained the Commission's comments and input, prior to it being forwarded to City Council for a Public hearing on June 22, 2021. He outlined the additional steps involved in the approval process. He explained that the current 2020 UWMP covered the five-year historical period of 2016-2020, projected water demands and supplies for a 25-year planning period through 2045 with the objective to develop major water resource and water use efficiency strategies, promote continued conservation and ensure that adequate water supplies were available to meet both near and long-term needs and to develop appropriate strategies for potential water shortage situations.

Senior Administrative Analyst Schaich noted that staff had provided a list of answers to questions that had been posed by the Commission.

Commissioner Craft arrived at 7:14 p.m.

The Commission discussed the changes to the Plan and provided additional corrections and additions. Staff provided explanations to the Commissioners' questions.

The Commission concurred with Commissioner Craft's recommendation to delete the statement from the Plan which stated that the Commission had participated in the planning of the Plan. Staff agreed to delete the reference.

There was no public comment.

MOTION: Commissioner Craft moved to support the conceptual approval of the major findings of the 2020 Urban Water Management Plan, with the condition to include the comments and changes as discussed at this meeting. Commissioner Siani seconded the motion; a roll call vote reflected unanimous approval.

8. **METROPOLITAN WATER DISTRICT MATTERS - NONE SCHEDULED**

Metropolitan Water District Director Lefevre announced that Adel Hagekhalil had been selected as the next General Manager of the Metropolitan Water District.

9. **COMMISSION AND STAFF ORAL COMMUNICATIONS**

Members of the Commission spoke.

10. **ADJOURNMENT**

10A **MOTION:** At 8:16 p.m., Commissioner Glass moved to adjourn the meeting to Wednesday, June 23, 2021 at 7:00 p.m. Commissioner Craft seconded the motion, and hearing no objection, Chairperson Jay so ordered.

###

**MINUTES OF A REGULAR MEETING
OF THE TORRANCE WATER COMMISSION**

1. CALL MEETING TO ORDER

The Torrance Water Commission convened in a regular session at 7:00 p.m. on Wednesday, June 23, 2021 via teleconference or other electronic means.

ROLL CALL:

Present: Commissioners Craft, Glass, Kawai, Mattie, Siani, Walser, and Chairperson Jay.

Absent: None.

Also Present: Senior Administrative Analyst Schaich, Water Operations Manager Darlak, Metropolitan Water District Director Lefevre, and Administrative Assistant Pose.

2. FLAG SALUTE

Commissioner Siani led the Pledge of Allegiance.

3. REPORT OF THE PUBLIC WORKS STAFF ON THE POSTING OF THE AGENDA

Senior Administrative Analyst Schaich reported the agenda was posted on the Public Notice Board at 3031 Torrance Boulevard and on the City's Website on June 17, 2021.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS – None.

5. ORAL COMMUNICATIONS

Charles Deemer spoke.

6. CONSENT CALENDAR

6A. APPROVAL OF MINUTES: May 23, 2021

MOTION: Commissioner Kawai moved to approve the May 23, 2021 Water Commission meeting minutes as presented. Commissioner Siani seconded the motion; a roll call vote reflected unanimous approval.

7. ADMINISTRATIVE MATTERS

7A. DISCUSSION – DROUGHT CONDITIONS IN STATE AND WATER SUPPLY SITUATION – UPDATE

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

Senior Administrative Analyst Schaich provided a PowerPoint presentation on water supply and drought conditions in California. He reported two-thirds of the State are in an exceptional drought condition; however, there will not be rationing here this year due to dry weather storage reserves banked by Metropolitan Water District (MWD) in 2020. Slides presented included Below Normal Precipitation Statewide, Below Normal Runoff Projected in the Upper Colorado River Basin and Sacramento River, Declining Lake Mead Elevation, and Supply/Demand Balances.

MWD Director Lefevre provided additional information regarding MWD's storage management.

Commissioners Siani, Craft, and Chairperson Jay spoke.

Charles Deemer spoke.

MOTION: Commissioner Siani moved to accept and file the update on Drought Conditions in State and Water Supply Situation. Commissioner Glass seconded the motion; a roll call vote reflected unanimous approval.

7B. ORAL REPORT – WEST BASIN WATER ASSOCIATION (WBWA)

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file the report on WBWA.

Senior Administrative Analyst Schaich reported on West Basin Water Association's meeting three weeks ago. He stated the Water Replenishment District reported on the brackish water regional desalination facility and moss litigation. He stated there was also discussion regarding conjunctive use, remediation projects in the City of Los Angeles, and the water reuse joint project with MWD and Sanitation Districts of Los Angeles County.

Commissioner Siani, Chairperson Jay, MWD Director Lefevre, and Charles Deemer spoke.

MOTION: Commissioner Kawai moved to accept and file the report on West Basin Water Association. Commissioner Walser seconded the motion; a roll call vote reflected unanimous approval.

7C. DISCUSSION – MONTHLY WATER OPERATIONS REPORT

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file the Monthly Water Operations Report.

Water Operations Manager Darlak provided highlights from the attached Monthly Water Operations Report for May 2021. He discussed total potable water produced and imported, main breaks and replacements, rehabilitation work on the brackish well at the City Yard, and operations at the Goldsworthy Desalter facility.

Chairperson Jay spoke.

MOTION: Chairperson Glass moved to accept and file the Monthly Water Operations Report for May 2021. Commissioner Craft seconded the motion; a roll call vote reflected unanimous approval.

8. **METROPOLITAN WATER DISTRICT MATTERS**

8A. **METROPOLITAN WATER DISTRICT DIRECTOR'S REPORT**

MWD Director Lefevre reported on his conversation with MWD's new General Manager, and he discussed the nomination of a new Commissioner of Bureau of Reclamation. He discussed following land in Palo Verde and Bard Irrigation Districts as well as the exchange between the Inland Empire Utilities Agency and State Water Project.

He answered questions raised by Chairperson Jay.

MOTION: Chairperson Jay moved to accept and file the Metropolitan Water District Director's Report. Commissioner Siani seconded the motion; a roll call vote reflected unanimous approval.

9. **COMMISSION AND STAFF ORAL COMMUNICATIONS**

Members of the Commission and Senior Administrative Analyst Schaich spoke.

10. **ADJOURNMENT**

MOTION: At 8:38 p.m., Commissioner Siani moved to adjourn the meeting to Wednesday, July 28, 2021 at 7:00 p.m. in the West Annex meeting room. Commissioner Glass seconded the motion, and hearing no objection, Chairperson Jay so ordered.

###

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: ELECTION OF WATER COMMISSION CHAIR AND VICE-CHAIR FOR FISCAL YEAR 2021-22

The terms of the Water Commission Chair and Vice-Chair expire at the end of fiscal year 2020-21. Therefore, it is necessary that the Commission hold an election for both positions for fiscal year 2021-22 at this month's meeting.

The Commission has broad discretion regarding the appointment of both positions and there are no term limit requirements and the current and past Chairs and Vice-Chairs are eligible for reappointment. The current Chair is Raymond Jay and the Vice-Chair is Kent Kawai. The term for both positions are through fiscal year 2021-22. The Commission should conduct a nomination process and then vote to choose both positions.



Matthew Knapp
Deputy Public Works Director - Operations

Roll Call: _____ Craft _____ Glass _____ Kawai _____ Masnek
_____ Mattie _____ Siani _____ Chairperson Jay

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: DROUGHT CONDITIONS IN STATE AND WATER SUPPLY SITUATION - UPDATE

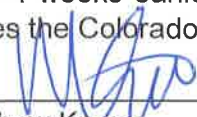
It is the recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

This is an update to last month's report regarding drought conditions and the water supply situation in California. Unfortunately, the overall drought situation in most of California and much of the southwest region of the country has worsened over the last month.

On July 9, 2021, Governor Newsom, due the serious nature of the situation, issued Executive Order N-10-21, which the last in a series of proclamations regarding severe drought conditions in the state. This latest proclamation declared a drought emergency in nine additional counties including; Inyo, Marin, Mono, Monterey, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara and San Cruz counties. The drought proclamation also called for a voluntary 15% reduction in water use for all Californians. To date, the Governor has taken a measured approach targeting those areas whose water supply reliability is threatened by extreme drought conditions.

Thus far, the six Southern California counties within the Metropolitan Water District's service area have been excluded from this declaration, due to the region's substantial "banked" water storage reserves. As indicated in past reports, if Metropolitan withdraws 600,000 acre-feet (AF) from its storage accounts to meet imported water demands this year, MWD will still have over 2.4 million AF of residual "dry weather storage", to offset any possible water shortfalls in imported water supplies next year. However, it is important that all Californians conserve water to provide greater resilience if the drought continues into next year.

As shown on attached map, major reservoir levels in the state are substantially below 50% of capacity, including Lake Oroville, the principal reservoir on the State Water Project (SWP), which is only 28% full. Snowpack in the key Sierra range watershed was below 60% of normal and actual runoff reaching the SWP sources of supply are in the 40% range of normal. Although the Colorado River Basin (CR) watershed received nearly 90% of normal snowpack this year, the runoff forecast for water reaching the CR is extremely low at approximately 30%. This is due to a number of factors including; more evaporation due to higher temperatures, very dry soil that absorbs water, a seasonal shift with spring occurring 3-4 weeks earlier than normal and early plant growth that also absorbs the runoff before it reaches the Colorado River and its tributaries.



Matthew Knapp
Deputy Public Works Director - Operations

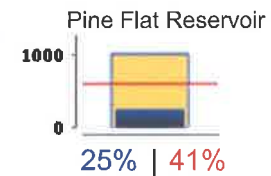
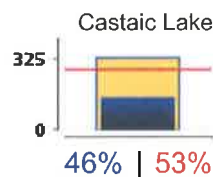
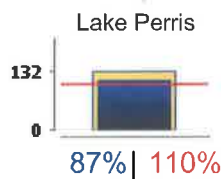
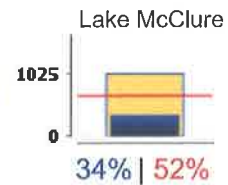
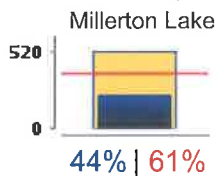
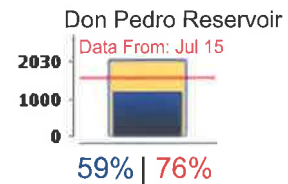
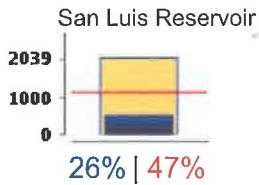
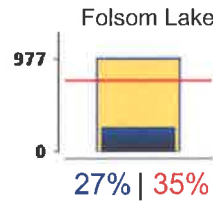
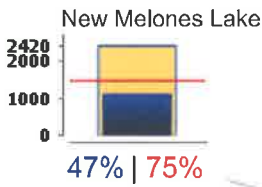
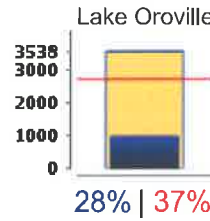
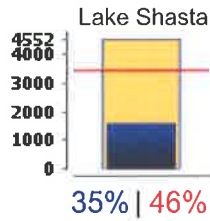
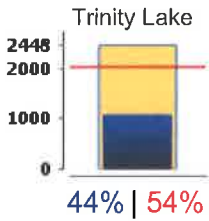
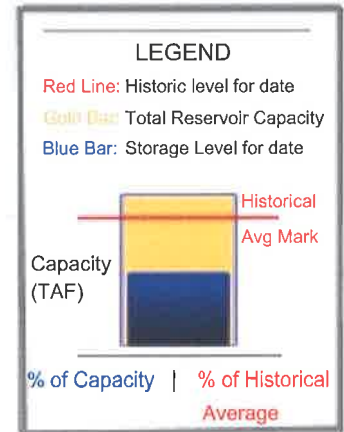
Roll Call: _____ **Craft** _____ **Glass** _____ **Kawai** _____ **Masnek**
_____ **Mattie** _____ **Siani** _____ **Chairperson Jay**



CURRENT RESERVOIR CONDITIONS

SELECTED WATER SUPPLY RESERVOIRS

Midnight: July 16, 2021



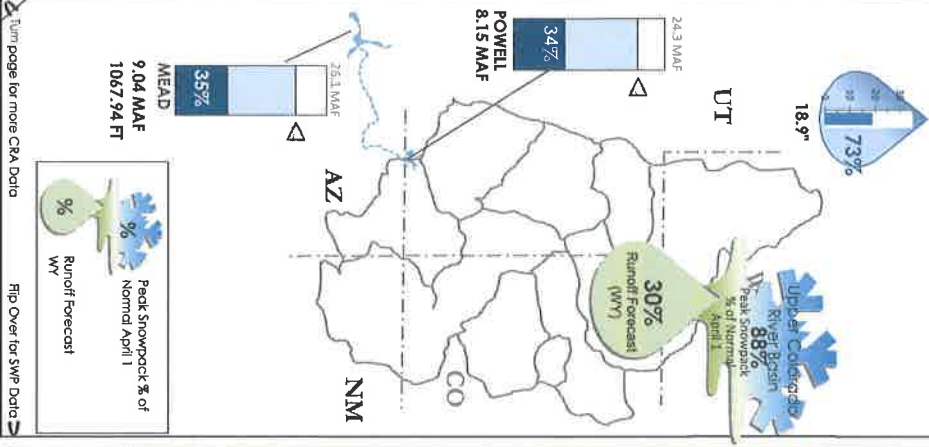


Water Supply Conditions Report

As of: 07/12/2021

2021 Colorado River

1,083,000 AF
Projected CRA Diversions



Turn page for more CRA Data

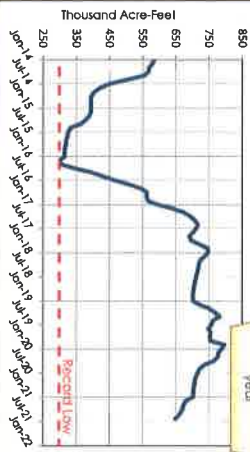
Highlights

- Precipitation at the B Station Index is at 46% of normal
- Water Year runoff forecast for the Sacramento River is at 38% of normal
- Precipitation in the Upper Colorado is at 73% of normal
- Water Year runoff forecast for Lake Powell is forecasted at 30% of normal

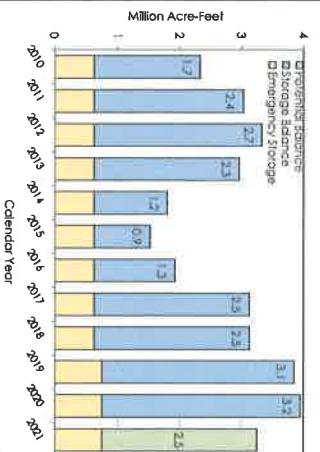
Diamond Valley Lake Storage

Capacity: 810 TAF

48 TAF less in storage from this time last year



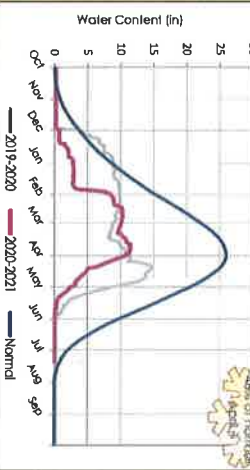
MWD Storage Reserve Levels



Southern Sierra Snowpack

Capacity: 11.4 inches

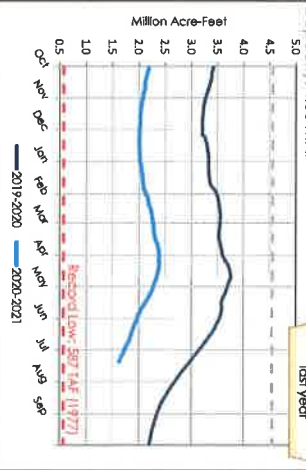
8.2 inches deficit from April 1



Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

1.33 MAF less in storage from this time last year



This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. Readers should refer to the relevant state, federal, and local agencies for additional information for the most up-to-date water supply information. Reservoirs, lakes, conduits, roads, waterways, and all other vital infrastructures on this report are not shown to scale.

<http://www.mwdso.com/WSCR>

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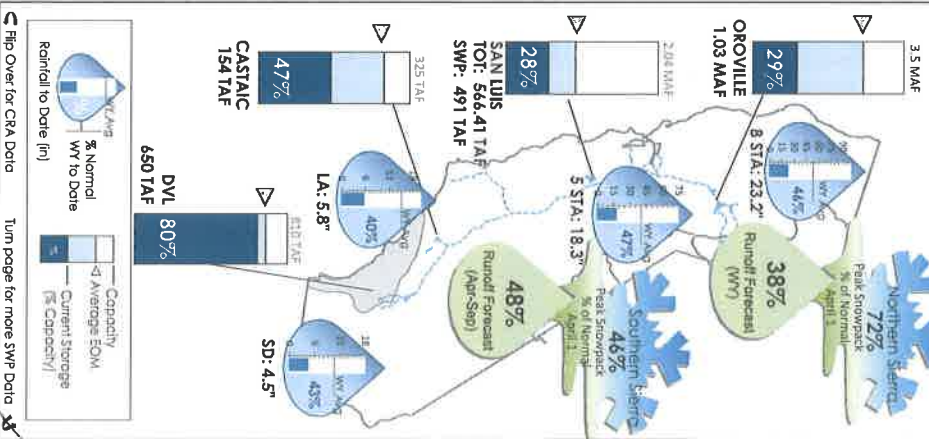


Water Supply Conditions Report

As of: 07/12/2021

2021 SWP Allocation

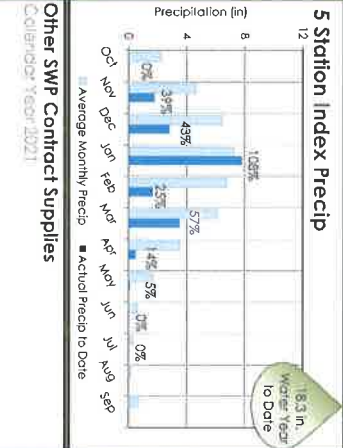
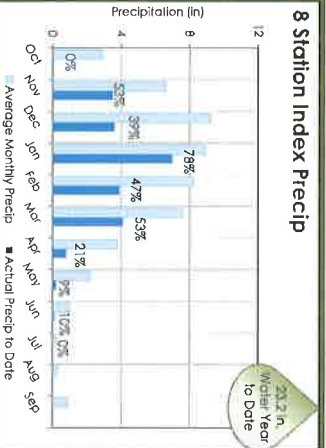
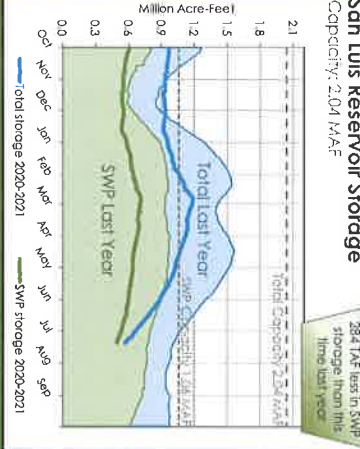
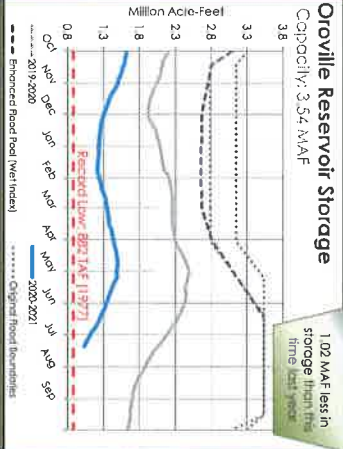
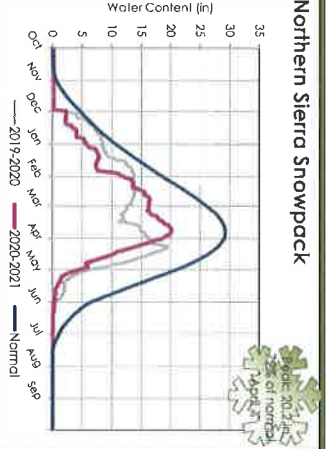
95,575 AF
5% of Toble A



Turn page for more SWP Data

As of: 07/12/2021

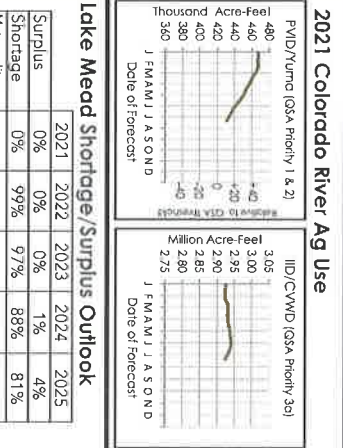
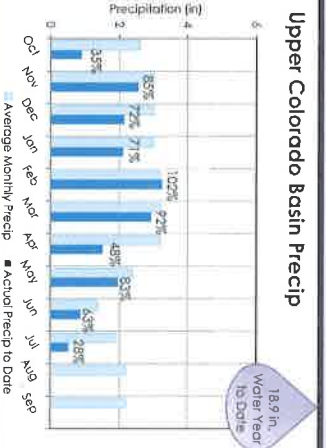
State Water Project Resources



Other SWP Contract Supplies
 Carryover: 207,000 AF
 Transfer Supplies: 30,000 AF (Est.)

Colorado River Resources

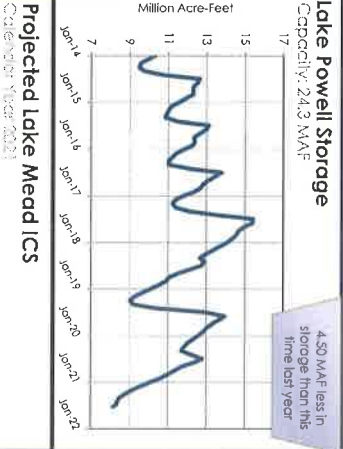
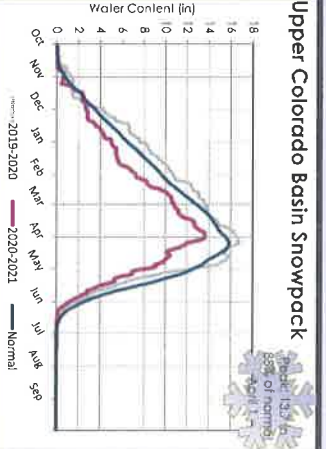
As of: 07/12/2021



Lake Mead Shortage/Surplus Outlook

	2021	2022	2023	2024	2025
Surplus	0%	0%	0%	1%	4%
Shortage	0%	99%	97%	88%	81%
Metropolitan DCP*		5%		47%	50%

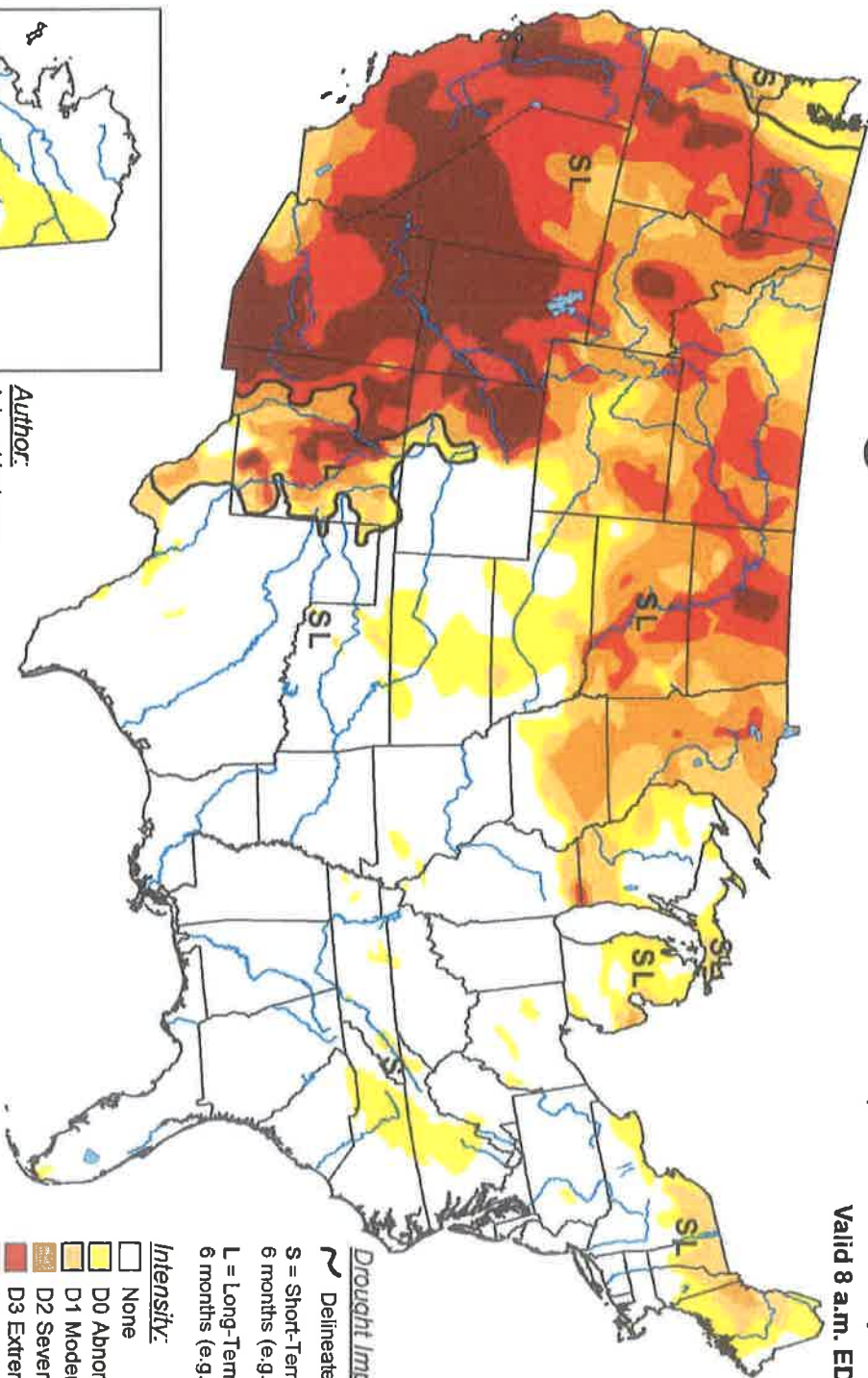
* Chance of required DCP contribution by Metropolitan



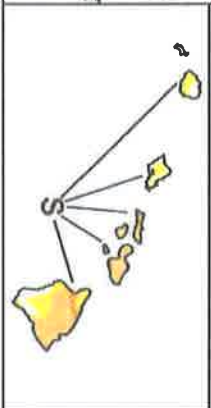
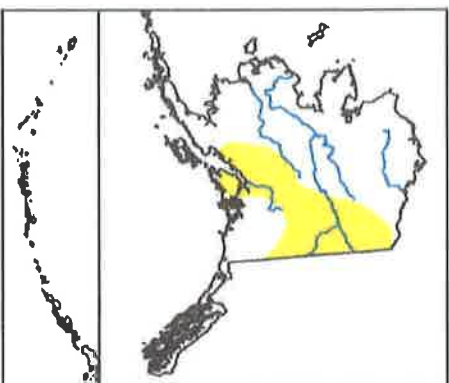
Projected Lake Mead ICS
 Calendar Year 2021
 Put (+)/Take(-)
 -68,000 AF

U.S. Drought Monitor

July 13, 2021
(Released Thursday, Jul. 15, 2021)
Valid 8 a.m. EDT



Author:
Adam Hartman
NOAA/NWS/NCEP/CPC



- Drought Impact Types:**
- ~ Delineates dominant impacts
 - S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
 - L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
- 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>




droughtmonitor.unl.edu

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: OVERVIEW PRESENTATION REGARDING TORRANCE MUNICIPAL WATER

It is the recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

Recently, staff prepared a comprehensive PowerPoint presentation regarding Torrance Municipal Water (TMW). This presentation was designed to be used in various abbreviated and tailored versions for different audiences. The presentation focuses on an overview of TMW and relationship to other agencies, its mission and current priorities, water operations, water resources and source diversification plans, and current and future challenges. With the appointment of two new Commissioners within the last six months, this would be an opportune time to provide this presentation. Due to its size, we will present this “TMW 101” in 2 to 3 segments over the next several Commission meetings.



Matthew Knapp
Deputy Public Works Director - Operations

Roll Call: _____ Craft _____ Glass _____ Kawai _____ Masnek
_____ Mattie _____ Siani _____ Chairperson Jay

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR – OPERATIONS
SUBJECT: ACCEPT AND FILE MONTHLY WATER OPERATIONS REPORT FOR JUNE 2021

It is the recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

Monthly Water Department highlights for the month of June 2021 are:

1. Total potable water produced and imported from all sources is 0.3% lower than June 2020. On a year-to-date basis, potable water is 3.5% lower than last year and total water produced from all sources, including recycled water is 0.3% lower than in 2020.

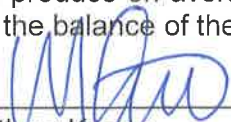
Water Produced and Imported (Acre-feet)

Month: June			
Water Source	June 2020	June 2021	Change
Potable Groundwater			
Wells*	145.7	152.1	+4.4%
WRD Desalter*	217.9	253.7	+16.4%
Subtotal	363.6	405.8	+11.6%
Imported Potable			
MWD	1,390.7	1,221.1	-12.2%
Imported Recycled			
WBMWD	454.1	575.5	+26.7%
Total Produced/Imported			
All Potable Sources	1,754.3	1,626.9	-7.3%
All Sources + Recycled	2,208.4	2,202.4	-0.3%

Year to Date: 2020 vs 2021			
Water Source	2020 YTD	2021 YTD	Change
Potable Groundwater			
Wells	799.6	888.2	+11.1%
WRD Desalter	1,039.0	1,065.8	+2.6%
Subtotal	1,838.6	1,954.0	+6.3%
Imported Potable			
MWD	7,127.0	6,696.0	-6.0%
Imported Recycled			
WBMWD	2,601.8	2,881.8	+10.8%
Total Produced/Imported			
All Potable Sources	8,965.6	8,650.0	-3.5%
All Sources + Recycled	11,567.4	11,531.8	-0.3%

*data estimate based on production reads

2. There was only 1 main break for the month of June 2021 compared to 2 in same period in 2020. Total main breaks for calendar 2021 are 26 compared to 8 last year. We experienced an extremely low incidence of main breaks during the first six months last year. This year's cumulative totals are similar to the last most years over the five-year period. Another phase of the main replacement program will be initiated later this year.
3. The rehabilitation work on the brackish well at the City Yard has been completed and the Goldsworthy Desalter facility is currently operating with both brackish wells. Based on current operating conditions, it is projected the Desalter will produce on average approximately 200 to 250 acre-feet (AF) of potable water per month for the balance of the year.


 Matthew Knapp
 Deputy Public Works Director - Operations

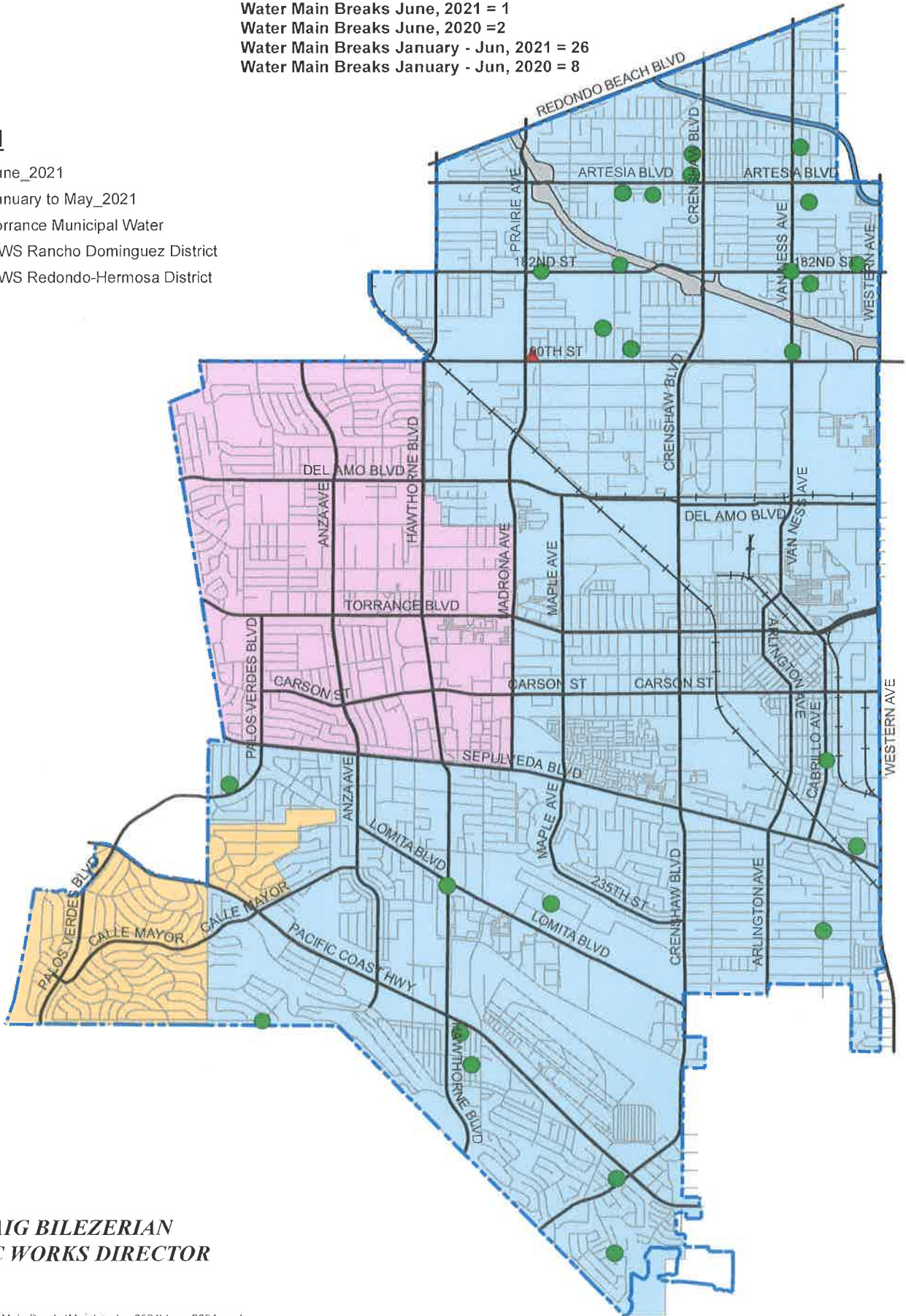
Roll Call: _____ Craft _____ Glass _____ Kawai _____ Mattie
 _____ Siani _____ Walser _____ Chairperson Jay

TORRANCE MUNICIPAL WATER WATER MAIN BREAKS 2021

Water Main Breaks June, 2021 = 1
 Water Main Breaks June, 2020 = 2
 Water Main Breaks January - Jun, 2021 = 26
 Water Main Breaks January - Jun, 2020 = 8

Legend

- ▲ June_2021
- January to May_2021
- Torrance Municipal Water
- CWS Rancho Dominguez District
- CWS Redondo-Hermosa District



CRAIG BILEZERIAN
PUBLIC WORKS DIRECTOR