

Pursuant to Assembly Bill 361 members of the Water Commission and staff will participate in this meeting via teleconference or other electronic means.

PARTICIPATE BEFORE THE MEETING by emailing WaterCommission@TorranceCA.Gov and write "Public Comment" in the subject line. In the body of the email include the item number and/or title of the item with your comments.

MEMBERS OF THE PUBLIC MAY VIEW AND PARTICIPATE IN THE HEARING VIA ZOOM

Online: <https://bit.ly/3J8b1Kk>

Phone: (253) 215-8782

Meeting ID: 934 2767 1342

Passcode: 994718

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, JANUARY 26, 2022
REGULAR MEETING
6:30 P.M. VIA TELECONFERENCE OR OTHER ELECTRONIC MEANS**

**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 January 21, 2022

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 ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS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

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. Regular Meeting November 29, 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. Discussion – Update Regarding Drought Conditions in State and Water Supply Situation

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

7B. Discussion – Drought Response Actions

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)

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

7D. 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, February 23, 2022 at 6:30 p.m.

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

1. CALL MEETING TO ORDER

The Torrance Water Commission Agenda convened in a regular session at 6:35 p.m. on Monday, November 29, 2021, in the West Annex Commission meeting room, Torrance City Hall.

ROLL CALL

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

Absent: Commissioner Craft.

Also Present: Deputy Public Works Director Knapp, Director Metropolitan Water District Lefevre, Administrative Analyst Portman, Senior Administrative Analyst Schaich, and Water Operations Manager Darlack.

2. FLAG SALUTE

Commissioner Kawai led the Pledge of Allegiance.

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

Senior Administrative Analyst Schaich reported that the agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on Wednesday, November 24, 2021.

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

5. ORAL COMMUNICATIONS

Senior Administrative Analyst Schaich welcomed new Minutes Secretary Jenkins.

Chairperson Jay noted Commissioner Mattie's absence the last couple of meetings and suggested an excused absence; Commissioner Glass moved to approve the excused absence, Commissioner Kawai seconded the motion; a roll call vote reflected 5-0 approval (absent Commissioners Craft and Masnek).

6. CONSENT CALENDAR

6A. APPROVAL OF MINUTES: OCTOBER 27, 2021

MOTION: Commissioner Siani moved to approve the October 27, 2021 Water Commission meeting minutes as presented. Chairperson Jay seconded the motion; a roll call vote reflected 5-0 approval (absent Commissioners Craft and Masnek).

7. ADMINISTRATIVE MATTERS

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

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

Senior Administrative Analyst Schaich stated on November 9, Metropolitan cleared a Regional Drought Emergency which called for all Met agencies to reduce use of state and water supplies. Metropolitan is looking at their water supply allocation program, a rationing program previously used in 2009 and 2015, which rations imported water. Phase II will be investigated with an outreach program to show customers ways to conserve water which has previously been met with positive feedback and participation from the community. Senior Administrative Analyst Schaich provided a packet, "Introduction and Background Hydrologic Conditions and Emergency Proclamation" based off the Great Basin Coordination Agency's research showing drought conditions and predictions; Senior Administrative Analyst Schaich continued stating that there may be La Niña conditions. Director Metropolitan Water District Lefevre added the state Water Project and Allocation has water that will be provided to SWP users for certain uses which does not include outdoor watering, allocation will be available December 1.

Commissioner Masnek joined the commission meeting at 6:59 p.m.

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

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

Senior Administrative Analyst Schaich stated that the ground water basin is being used at a greater extent, this is beneficial as there is 65,000 acre-feet; 30,000 – 40,000-acre-feet is being pumped currently. WRD is looking at the Hyperion Treatment Plant and laying out a plan for water reuse. Chairperson Jay inquired about Torrance's local and ground water supply in the event there was an increase of usage, Senior Administrative Analyst Schaich responded that Well Nine is currently being used in North Torrance but there are two new wells that are ready to go online that can triple ground water capabilities; the new wells can possibly be available by Spring 2022.

Commissioner Siani stated we are 80% net, 20% local, she inquired at what percentage the new wells would put the City of Torrance. Senior Administrative Analyst Schaich stated the wells would contribute to 45% local, 55% net, but if we get a well to the new desalter, it would be 50% local, 50% net; Deputy Public Works Director Knapp noted that if we can get the Van Ness oil field it would have a larger impact.

Charles Deemer, citizen, inquired about environmentally friendly landscapes and studies behind it. Senior Administrative Analyst Schaich stated that in a couple years there will be a water budget which will inform individuals about water usage. Deputy Public Works Director Knapp noted that things are coming from the state as additional mandates for water conservation.

7C. DISCUSSION – MONTHLY WATER OPERATIONS REPORT

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

Water Operations Manager Darlack stated that production wise, things are trending in the right direction; next year when the North Torrance well field comes on, a big change will occur. In an update to the North Torrance well field, there is one panel that is being waited on, once that comes in, Edison will be scheduled to come in to wire it and testing and permitting will begin on the wells.

Chairperson Jay inquired about recycled water use that seems to be down 3.5% over the year. Deputy Public Works Director Knapp replied that it is the refinery, lower production, and draw rates.

Chairperson Jay inquired about funding regarding replacing lead pipelines. Water Operations Manager Darlack stated that there used to be lead goosenecks and all known lead goosenecks have been replaced per the requirement of the state.

MOTION: Chairperson Jay moved to accept and file the three reports presented. Commissioner Masnek seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioners Craft).

8. METROPOLITAN WATER DISTRICT MATTERS

8A. METROPOLITAN WATER DISTRICT DIRECTOR'S REPORT

Director Metropolitan Water District Lefevre provided a "Discussion of Lower Basin Drought Contingency Plan" PowerPoint presentation. The presentation consisted of twenty-four-month studies and projections with one projection showing Lake Powell's drought conditions e going down to where it cannot generate hydropower, rendering it useless. Director Metropolitan Water District Lefevre spoke with the Met about this and stated it will be highly unlikely that Lake Powell will run dry. Based on a five-year study by the U.S. Bureau of Reclamation, it is projected that Lake Mead will be in shortage through 2026, Metropolitan has a plan in place for this; even with the predicted shortages, Metropolitan has "sufficient supply to maintain a full Colorado River Aqueduct, approximately 1.3 million acre-feet (maf) of intentionally created surplus stored in Lake Mead, and the ability to make required DCP contributions forecasted for 2024-2026." Director Metropolitan Water District Lefevre mentioned Camille Touton who is the newly elected commissioner of the U.S. Bureau of Reclamation, Touton will be the one to make final decisions regarding water.

Director Metropolitan Water District Lefevre mentioned the establishment of the Underserved Community Standing Committee; there has been outreach in underserved communities where funds were given to apartment owners to change toilets to low-flow toilets. There has also been an establishment of the Imported Water Standing Committee which will look at the State Water project and the California Valley project in one committee. Another establishment, the Conservation of Local Resources committee, is a new standing committee where the regional recycled water program will be housed, and the Diversity, Equity and Inclusion committee will be established; these new establishments should begin in January.

9. COMMISSION AND STAFF ORAL COMMUNICATIONS

Commissioner Siani inquired about the sales force tower in San Francisco where a black water system was built to recycle black water; Commissioner Siani inquired if DWP or the Met was looking at this as an investment. Director Metropolitan Water District Lefevre responded that it is not because of the LRP program that is currently established.

Senior Administrative Analyst Schaich stated that there will be talk about hybrid meetings in the future and that he will keep everyone informed on the matter.

Deputy Public Works Director Knapp stated that Senior Administrative Analyst Schaich has been promoted to a newly developed position; Schaich will be the first Policy and Resource Specialist in the City of Torrance assigned to water.

10. ADJOURNMENT

10A. Adjournment of the Water Commission Meeting to Wednesday January 26, 2022 at 6:30 p.m.

MOTION: At 8:23 p.m., Commissioner Glass moved to adjourn the meeting to Monday, January 26, 2022, at 6:30 p.m. in the West Annex Commission meeting room. Commissioner Siani seconded the motion; a roll call vote reflected approval.

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Subject to Approval

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

In December, a series of major storms brought much needed precipitation to both local and imported watersheds in Northern California and the Colorado River Basin. As a result, many parts of the state, including Southern California, have received in excess of 50% of their average historical precipitation through April 1, which is regarded as the end of the wet weather season. Snowpack in the Upper Colorado River Basin and Northern Sierras are currently above normal for this time of year. However, dry weather conditions have returned and there has been very little precipitation in these regions over the last several weeks. As shown on the attached map, most of the key reservoirs in the state, including Lake Oroville, are still below their historic average level for this date.

The 2021 water year (October 1, 2020 through September 30, 2021) was the driest in nearly a century and more than half of the water years since 2000 have been dry or drought years. While the major precipitation event in December alleviated the most severe drought impacts, most of the state remains in a moderate or severe drought. The weather conditions over next two months will be of critical importance in determining the availability of State Water Project Supplies (SWP), which normally comprise half of the Metropolitan Water District's (MWD) imported water supply portfolio. Last year, MWD and other state water contractors only received a 5% allocation from the SWP. In December, the Department of Water Resources (DWR), who operates and manages the SWP, declared an initial SWP allocation of zero percent. However, on January 20th, DWR announced an increase in the allocation to 15%, which would amount to nearly 300,000 acre-feet (AF) of SWP supplies for MWD. While this is still a low allocation, it is major improvement in the regional water supply picture. It should be noted that the SWP allocation is periodically adjusted either up or down depending on hydrological conditions. The water situation in California remains precarious and very uncertain at this juncture. If drought conditions persist, MWD will need to withdraw additional supplies from its various "banked" storage reserves, which are currently at 2.5 million acre-feet. Staff will make a brief presentation regarding this matter



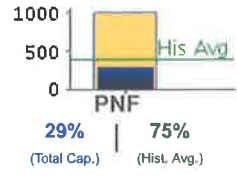
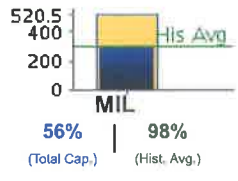
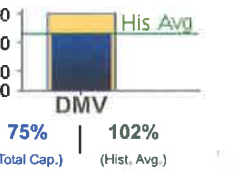
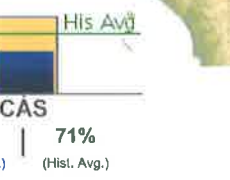
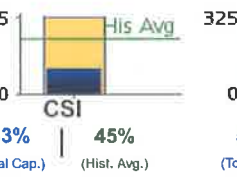
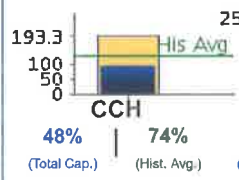
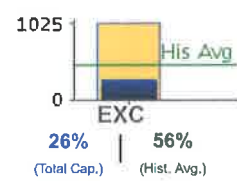
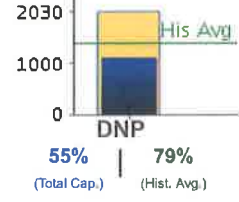
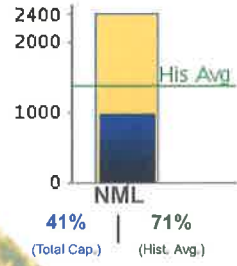
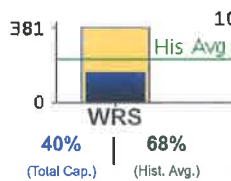
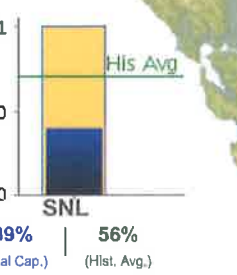
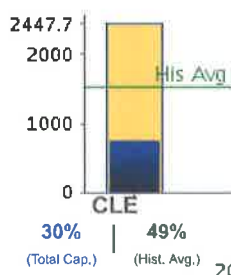
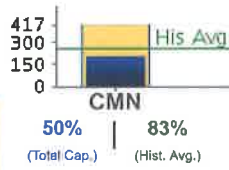
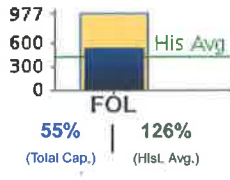
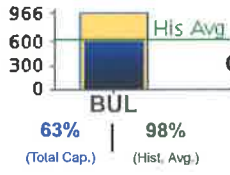
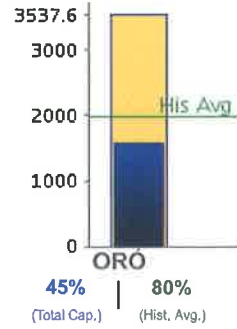
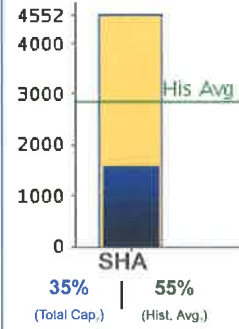
Matthew Knapp
Deputy Public Works Director - Operations

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

CURRENT CONDITIONS MAJOR WATER SUPPLY RESERVOIRS: 20-JAN-2022

Data as of Midnight: 20-Jan-2022

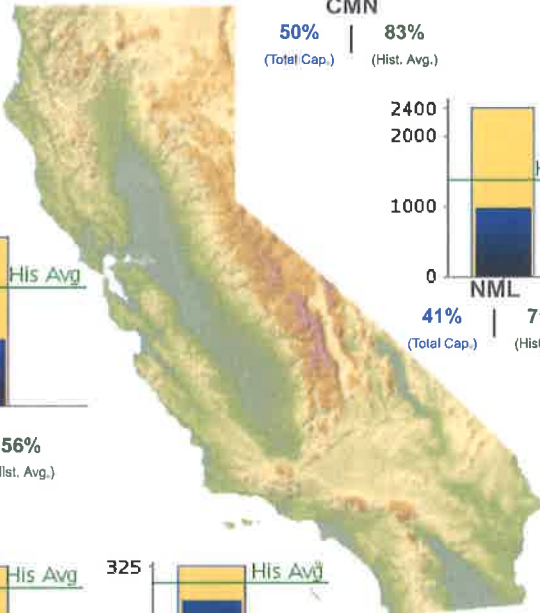
Change Date: 20-Jan-2022



LEGEND

Blue Bar: Storage level for date
Gold Bar: Total reservoir capacity
Green Line: Historic level for date.

% of Capacity | % Hist. Avg.
 (Click res. 3 char. code for details)

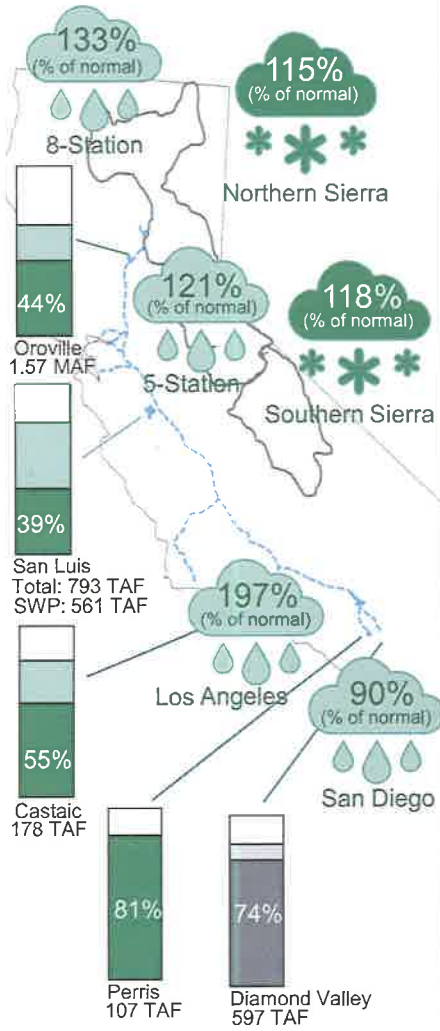


[Click for printable version of current data.](#)
 The CSI link has been disabled to zoom in, for the lack of historical data.

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State Water Project Resources

SWP Table A – 15% - 286,725 AF



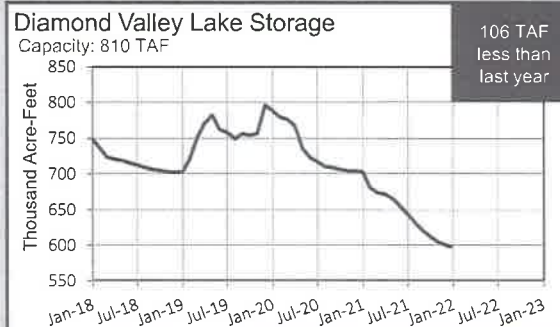
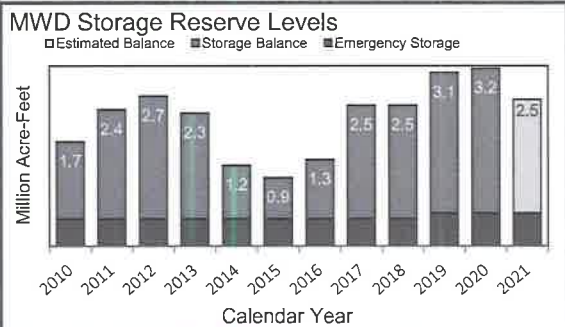
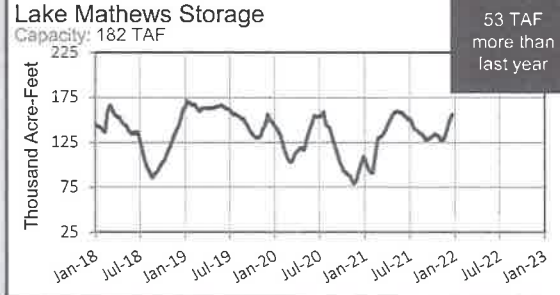
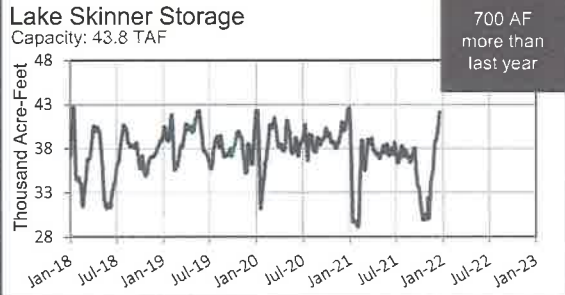
WATER SUPPLY CONDITIONS REPORT

Water Year 2021-2022
As of: January 19, 2022

Colorado River Resources

Projected CRA Diversions – 1,149,000 AF

Metropolitan Resources



Highlights

- SWP Allocation increased to 15% of Table A
- Powell unregulated inflow forecast updated to 89% of normal



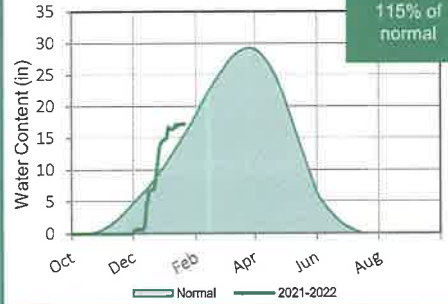
This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email info@mwdh2o.com

<http://www.mwdh2o.com/WSCR>

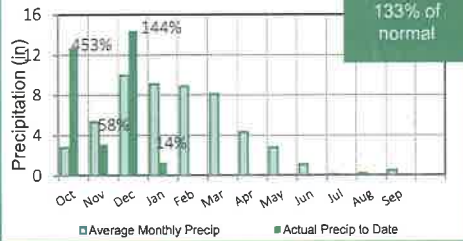
State Water Project Resources

As of: 01/19/2022

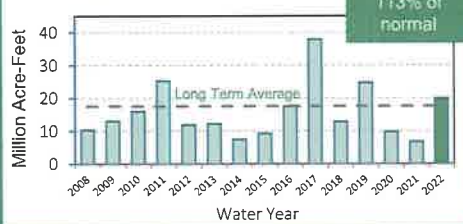
Northern Sierra Snowpack



8 Station Index Precipitation



Sacramento River Runoff

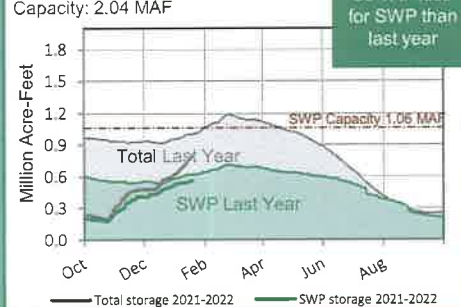


Other SWP Supplies

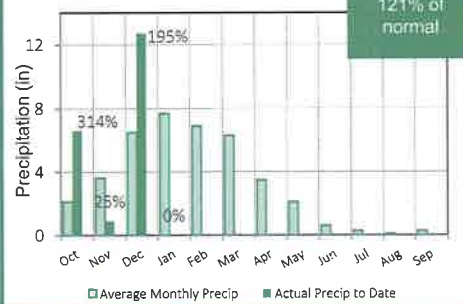
Calendar Year 2022

Carryover 36,000 AF (Est.)

San Luis Reservoir Storage



5 Station Index Precipitation

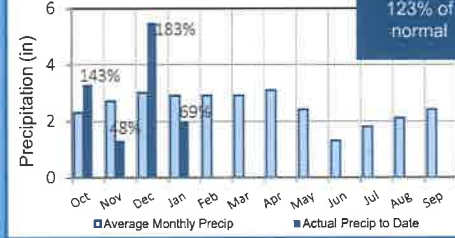


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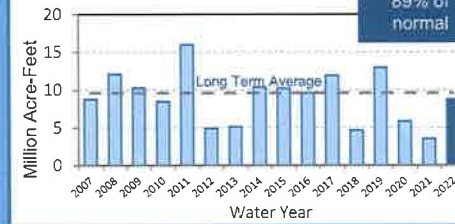
Colorado River Resources

As of: 01/19/2022

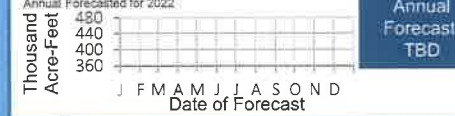
Upper Colorado Precipitation



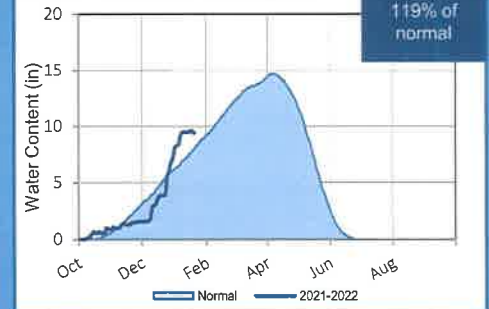
Powell Unregulated Inflow



PVID/Yuma Agricultural Use



Upper Colorado Snowpack



Lake Powell Storage



Projected Lake Mead ICS

Calendar Year 2022

Put (+) / Take (-)
-251,000 AF

Lake Mead Surplus/Shortage Outlook

Updated table is expected in February 2022

Lake Mead Storage



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

Cc: - Inland Empire Utilities Agency (dgarzaro@ieua.org); Sunny Wang - Santa Monica, City of (geohvanny.herrera@SMGOV.NET); Susan Mulligan Sectry Kara (kwade@calleguas.com); Sylvia Ballin (city of SF); Sylvie Lee -Chief Water Resources Officer, Three Valleys MWD ; Tammy Hierlihy; Thomas A. Love - Upper San Gabriel Valley MWD (venessa@usgvmwd.org); Tim Barr (tbarr@wmwd.com); Tina Dubuque; Virginia Wei - LADWP staff; Vivian Flores - Asst to McDaniel (Vivian.FLORES@ladwp.com); Zulma Ross - Pasadena, City of (gtakara@cityofpasadena.net)

Subject: State Water Project Allocation Increase

WARNING: External e-mail
Please verify sender before opening attachments or clicking on links.



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Date: January 20, 2022

To: Board of Directors
Member Agency Managers

From: Adel Hagekhalil, General Manager

Subject: State Water Project Allocation Increase

Today, the California Department of Water Resources announced an increase in the State Water Project allocation to 15 percent. The [DWR press release](#) and [Metropolitan's statement](#) are attached.

Although this is welcome news, the still low allocation is another example of our state's unpredictable precipitation that has been compounded by our changing climate. Metropolitan will continue to work with your agencies to manage our water supply responsibly, promote conservation and make the necessary changes and investments to ensure Southern Californians always have the water they need.

Staff will provide a full briefing to the board in February as part of the Water Surplus and Drought Management Report.

Attachments

This communication, together with any attachments or embedded links, is for the sole use of the intended recipient(s) and may contain information that is confidential or legally protected. If you are not the intended recipient, you are hereby notified that any review, disclosure, copying, dissemination, distribution or use of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by return e-mail message and delete the original and all copies of the communication, along with any attachments or embedded links, from your system.



The Metropolitan Water District of Southern California

NEWS RELEASE

P. O. Box 54153, Los Angeles, California 90054-0153 • (213) 217-6485 • www.mwdh2o.com

Contacts: Rebecca Kimitch, (213) 217-6450; (202) 821-5253, mobile; rkimitch@mwdh2o.com
Maritza Fairfield, (213) 217-6853; (909) 816-7722, mobile; mfairfield@mwdh2o.com

Jan. 20, 2022

METROPOLITAN GENERAL MANAGER ISSUES STATEMENT ON INCREASED STATE WATER PROJECT ALLOCATION

Adel Hagekhalil, general manager of the Metropolitan Water District of Southern California, issues the following statement on the California Department of Water Resources' announcement to increase the State Water Project allocation to 15 percent.

“The snow and rain we received in December provided some much-needed relief to the extremely dry conditions challenging our state. We will likely avoid, at least for now, the most severe cutbacks we were expecting if we didn’t receive some precipitation.

“But I must emphasize that a 15 percent allocation is still very low, and our water supplies from the State Water Project remain exceptionally limited. Even with this modest allocation, we’ll need to continue drawing down our storage reserves to meet demands. To make those reserves last if the dry conditions prevail into next year, we all need to keep using water as efficiently as possible. Metropolitan is here to help the public conserve, with tips and rebates at bewaterwise.com.

“We’ve learned some important lessons over the past decade and have a deeper understanding of what we need to do to improve our delivery infrastructure so that every community in Southern California has the same level of reliability and access to diverse sources of water. We are working hard with our member agencies to make the necessary changes and investments to ensure Southern Californians always have the water they need, regardless of whether the drought continues and regardless of where they live. We need bold and strategic investments in recycling and reuse, local water supplies, storage, resilient conveyance systems and regional conservation. And we need direct federal and state support for these investments to prepare our communities and our state for future droughts and climate change.”

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The Metropolitan Water District of Southern California is a state-established cooperative that, along with its 26 cities and retail suppliers, provide water for 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.



December Storms Allow for Modest Increase in Planned State Water Project Deliveries

Published: Jan 20, 2022

SACRAMENTO, Calif. – Today, the Department of Water Resources (DWR) announced it is increasing the State Water Project allocation to 15 percent of requested supplies for 2022. Last month, due to low water levels, the Department announced that the initial allocation would cover only critical health and safety needs of the 29 water agencies that contract to receive State Water Project supplies.

December storms enabled DWR to convey and store water in San Luis Reservoir, which allows for a modest increase in water deliveries this year,” said DWR Director Karla Nemeth. “But severe drought is not over. Dry conditions have already returned in January. Californians must continue to conserve as the state plans for a third dry year.”

In addition to the modest increase in State Water Project allocation to 15 percent, DWR will continue to work with its water supply contractors to address any unmet health and safety needs for 2022.

Although DWR is making this allocation increase, it continues to plan for a third consecutive dry year. DWR will preserve as much storage as possible in Lake Oroville, the State Water Project’s largest reservoir. Water releases from Lake Oroville will be prioritized to maintain Delta water quality, protect endangered species and meet senior water right needs.

In addition, DWR, along with its federal partners at the U.S. Bureau of Reclamation, withdrew the application for a temporary Urgency Change Petition (TUCP) for February 1 through April 2022. The petition would have provided flexibility for the State Water Project and the Central Valley Project to release less water into the Delta through April 2022 to conserve limited stored water in Shasta, Oroville and Folsom reservoirs. While Shasta continues to be in a critical condition, Oroville and Folsom reservoirs are projected to meet downstream water quality needs through the spring.

The next two months are traditionally the heart of California’s rainy season,” said Nemeth. “We need more storms to keep filling up our reservoirs to make up for two critically dry years.”

Governor Newsom has called on Californians to voluntarily reduce their water use by 15 percent with simple measures to protect water reserves. The October 2021 emergency proclamation [expanded the drought emergency statewide](#) and authorized the State Water Board to ban wasteful water uses, boosting conservation efforts.

DWR continues to plan for climate uncertainty by implementing emerging and proven technologies to improve forecasts of precipitation, seasonal snowpack and runoff. This year, for the first time, DWR will deploy aircraft with special remote sensing equipment able to produce high resolution basin-wide snowpack estimates throughout the Feather River watershed, which feeds into Lake Oroville. Ultimately, forecast and monitoring improvements will better position water managers to navigate between flood risk and water supply reliability as extreme drought and precipitation events become increasingly commonplace.

Each year, DWR makes an initial State Water Project allocation on December 1. Allocations are updated as snowpack and runoff information are assessed, with a final allocation typically determined in May or June.

DWR will conduct the next snow survey in the Sierra at the beginning of February. Currently the statewide snowpack is at 13 percent of average for this date and 58 percent of the seasonal average.

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: DROUGHT RESPONSE ACTIONS

On January 4, 2022, the State Water Resources Control Board (SWRCB) adopted an emergency regulation that prohibits certain wasteful water use practices and encourages all Californians to monitor their water use habits and use water wisely. A similar measure was adopted during the 2012 - 2016 drought in an effort to increase water conservation and reduce wasteful uses of water.

The prohibited wasteful water uses include the following:

- Applying water to outdoor landscapes that result in excessive runoff
- Washing vehicles without an automatic shutoff valve
- Washing down impervious, hard surfaces (i.e. sidewalks, driveways)
- Operating decorative fountains without a re-circulating water system
- Irrigating landscapes within 48 hours of a rain event
- Not repairing leaks in a timely manner

All of these prohibitions are incorporated in our current Water Conservation Ordinance. We will be placing additional messaging and articles regarding the need to conserve water over the next couple of weeks on our webpage. We are also working with Torrance Citi-Cable to update and revise our conservation webpage, which is expected to be completed shortly. In addition, we are in the process of developing a number of water conservation articles, a possible quarterly newsletter in conjunction with our Sanitation Division and production of a short 10-15 minute video on how to save water in the home.


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 DECEMBER 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 December 2021 are:

1. Total potable water produced and imported from local sources is 4.4% lower than in December 2020. On a year-to-date basis, potable water is 4% lower than last year and total water produced from all sources, including recycled water is 0.8% lower than in 2020. There has been a moderate reduction in residential water use over the last several months compared to the prior year, which was heavily influenced by the work from home situation due to COVID-19.

Water Produced and Imported (Acre-feet)

Month: December

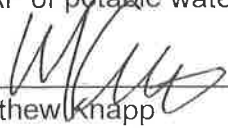
Water Source	Dec. 2020	Dec. 2021	Change
Potable Groundwater			
Wells*	160.52	92.28	-42.5%
WRD Desalter*	204.2	256.17	25.5%
Subtotal	364.67	348.45	-4.4%
Imported Potable			
MWD	1,097.1	997.4	-9.1%
Imported Recycled			
WBMWD	386.0	513.1	32.9%
Total Produced/Imported			
All Potable Sources	1,461.8	1,345.9	-7.9%
All Sources + Recycled	1,847.8	1,858.9	0.6%

*data estimate based on production reads

Year to Date: 2020 vs 2021

Water Source	2020 YTD	2021 YTD	Change
Potable Groundwater			
Wells	1,665.0	1,758.5	5.6%
WRD Desalter	2,709.9	2,825.2	4.3%
Subtotal	4,374.9	4,583.7	4.8%
Imported Potable			
MWD	14,830.8	13,849.8	-6.6%
Imported Recycled			
WBMWD	5,167.4	5,749.5	11.3%
Total Produced/Imported			
All Potable Sources	19,205.7	18,433.5	-4.0%
All Sources + Recycled	24,373.1	24,183.0	-0.8%

2. There was 9 water main breaks for the month of December 2021, identical to the same period in 2020. Total main breaks for calendar year 2021 were 53 compared to 48 last year. The first 6 months of 2020 there was a low incidence of main breaks and in 2021 there was a slight increase.
3. Currently, the Goldsworthy Desalter is operating at a near optimum level with both brackish wells and treatment trains functioning near full capacity. Based on current operating conditions, the Desalter is projected to produce an average of 3,000 to 3,500 AF of potable water per year in the near future.


 Matthew Knapp
 Deputy Public Works Director - Operations

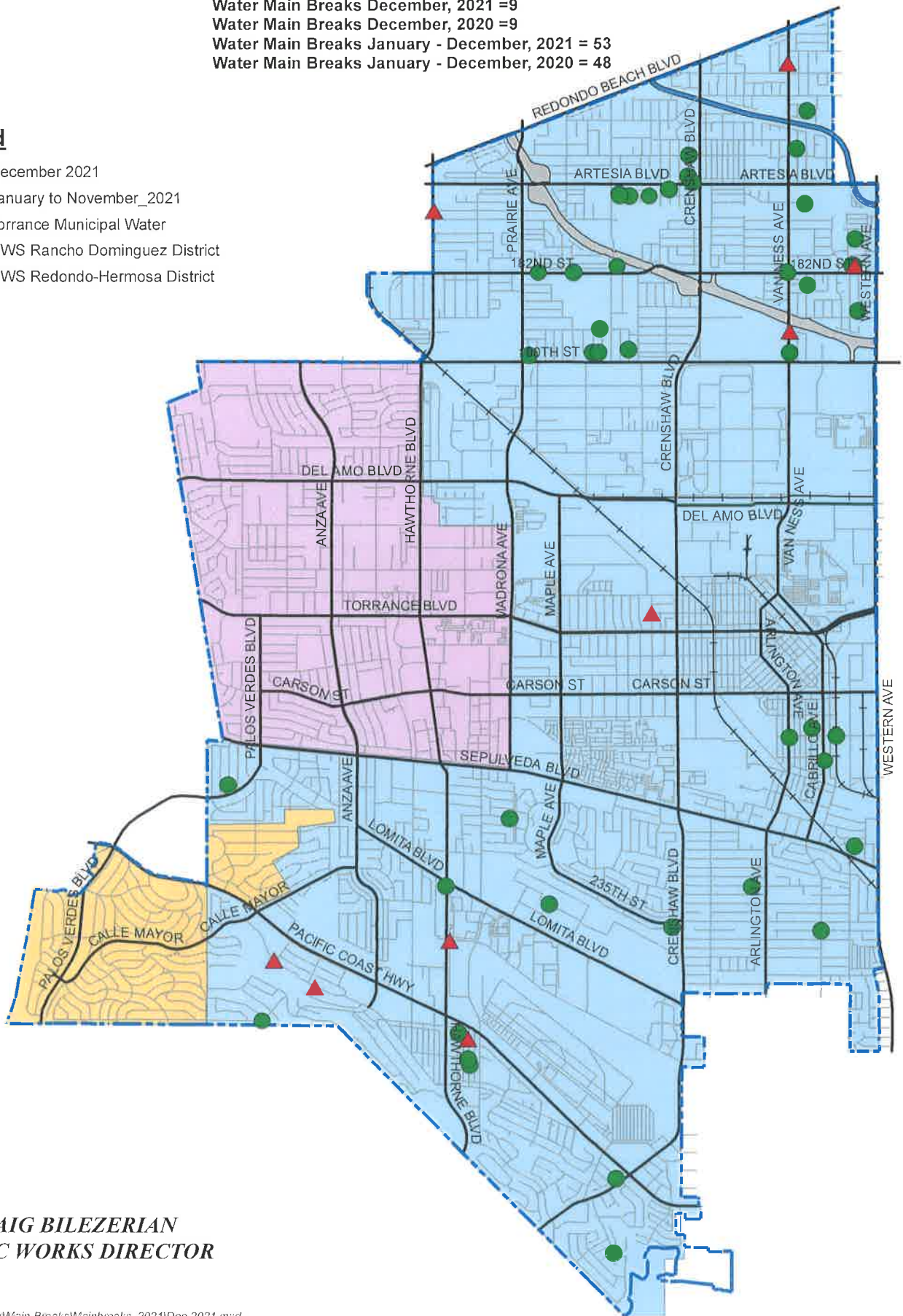
Roll Call: _____ Craft _____ Glass _____ Kawai _____ Masnek
 _____ Mattie _____ Siani _____ Chairperson Jay

TORRANCE MUNICIPAL WATER WATER MAIN BREAKS 2021

Water Main Breaks December, 2021 =9
 Water Main Breaks December, 2020 =9
 Water Main Breaks January - December, 2021 = 53
 Water Main Breaks January - December, 2020 = 48

Legend

- ▲ December 2021
- January to November, 2021
- Torrance Municipal Water
- CWS Rancho Dominguez District
- CWS Redondo-Hermosa District



CRAIG BILEZERIAN
PUBLIC WORKS DIRECTOR