

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](http://www.TorranceCA.Gov).

**TORRANCE WATER COMMISSION AGENDA  
WEDNESDAY, OCTOBER 27, 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 Thursday, October 21, 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 ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS**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. Regular Meeting September 22, 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 – 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. Consideration and Discussion – Activation of Level 1 of the City’s Water Conservation Ordinance**

Recommendation of the Deputy Public Works Director - Operations that the Water Commission provide conceptual approval for activation of the Level 1 (stage 2) of the City’s Water Conservation Ordinance and Conservation Program.

**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 be determined at Commission meeting**

**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, September 22, 2021 in the West Annex meeting room, Torrance City Hall.

**ROLL CALL:**

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

Absent: Commissioner Mattie.

Also Present: Senior Administrative Analyst Schaich, Water Operations Manager Darlak, and Administrative Analyst Portman.

**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 September 17, 2021.

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 ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS – None.**

**5. ORAL COMMUNICATIONS**

Senior Administrative Analyst Schaich introduced Administrative Analyst Portman.

**6. CONSENT CALENDAR**

**6A. APPROVAL OF MINUTES: JULY 28, 2021**

**MOTION:** Commissioner Glass moved to approve the July 28, 2021 Water Commission meeting minutes as presented. Commissioner Craft seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

**7. ADMINISTRATIVE MATTERS**

**7A. DISCUSSION - DROUGHT CONDITIONS IN STATE, WATER SUPPLY SITUATION, AND TRANSITION TO STAGE II OF THE CITY'S WATER CONSERVATION ORDINANCE**

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

Senior Administrative Analyst Schaich provided a presentation on the severe Statewide drought conditions He distributed Current Reservoir Conditions as of September 15 and Water Supply Conditions Report as of August 29. He presented slides of the well below normal runoff in the Colorado River Basin and bleak outlook for imported water supply conditions. He reviewed Metropolitan Water District's (MWD) diverse storage portfolio, supply/demand balance for 2021, projected MWD storage balances, short-term actions to enhance water supplies in 2021, and short and longer term drought actions to enhance regional water supply reliability.

He distributed and reviewed the City's Conservation Ordinance No. 3717 that established a water conservation and water supply shortage and sustainability program and regulations. He noted staff is working on a proposal for the transition from the current permanent baseline stage of the ordinance to a Level 1 Water Supply Shortage, the second of a four-stage conservation plan. He stated staff plans to bring a comprehensive proposal to the next Commission meeting that recommends activation of the second stage.

Commissioners, staff, and guest Charles Deemer discussed the proposal, State mandates, conservation efforts, and rebates.

**MOTION:** Commissioner Glass moved to accept and file the update on Drought Conditions in State, Water Supply Situation, and Transition to Stage II of the City's Water Conservation Ordinance. Commissioner Kawai seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

**7B. REVIEW AND PRESENTATION ON ANNUAL WATER QUALITY REPORT (CCR) FOR CALENDAR 2020**

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

Water Operations Manager Darlak provided a slide presentation on the Annual Water Quality Consumer Confidence Report (CCR) for 2020 that is due July 1 every year. He described contents of the CCR that includes water sources, hydrant flushing to ensure better water quality, health information, substances that could be in water, fluoridation, and test results. He noted that 7,000 samples are taken each year and that Torrance Municipal Water met all primary water quality standards established by the federal EPA and State of California.

**MOTION:** Commissioner Siani moved to accept and file the report on the annual Water Quality Report for Calendar 2020. Commissioner Craft seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

**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.

Senior Administrative Analyst Schaich reported at the West Basin Water Association meeting two weeks ago the Water Replenishment District reported groundwater pumping increased 18% the past year. They also discussed their carry over conversion, master plan with the City of Los Angeles, and water quality problems near the San Gabriel River.

**MOTION:** Commissioner Glass moved to accept and file the report on the West Basin Water Association meeting. Commissioner Craft seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

**7E. 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 Darlak provided highlights from the attached Monthly Water Operations Report for August 2021. He discussed total potable water produced and imported, main breaks, and operations at the Goldsworthy Desalter facility.

**MOTION:** Commissioner Siani moved to accept and file the Monthly Water Operations Report for August 2021. Commissioner Kawai seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

**8. METROPOLITAN WATER DISTRICT MATTERS**

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

MWD Director Lefevre was unable to be at this meeting.

Senior Administrative Analyst Schaich reported on the nomination of a new Director of the U.S. Bureau of Reclamation, the settlement reached with Imperial Irrigation District, Lake Mead's elevation, and purchase of agricultural land.

**9. COMMISSION AND STAFF ORAL COMMUNICATIONS**

Members of the Commission, Senior Administrative Analyst Schaich, and Charles Deemer spoke.

**10. ADJOURNMENT**

**MOTION:** At 8:45 p.m., Commissioner Masnek moved to adjourn the meeting to Wednesday, October 27, 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: DROUGHT CONDITIONS IN STATE AND WATER SUPPLY SITUATION**

Unfortunately, there has been no appreciable change in the drought and water supply situation in California and most of the southwest region of the country. On July 19<sup>th</sup>, Governor Newsom issued a revision to a prior Executive Order that expanded the statewide Drought Declaration to incorporate all of California, including the Metropolitan Water District (MWD) service area that was previously excluded from this order. The water level in major reservoirs is at or near historic lows and the situation will likely not improve until the onset of the winter rain season. As shown on the attached maps, California and most of the western portion of the country is in the midst of either an extreme or exceptional drought condition.

As indicated in prior Commission meetings, a drought condition is not necessarily the same as water shortage situation. Although the agencies within Metropolitan's service area, including Torrance, have sufficient water storage reserves to weather continued drought conditions, due to MWD's water storage banking programs, the Governor's Drought Declaration may lead to statewide mandatory water use restrictions.

Staff will provide a brief presentation on the drought status and the water supply situation.



\_\_\_\_\_  
Matthew Knapp  
Deputy Public Works Director - Operations

Roll Call: \_\_\_\_\_ Craft \_\_\_\_\_ Glass \_\_\_\_\_ Kawai \_\_\_\_\_ Masnek  
\_\_\_\_\_ Mattie \_\_\_\_\_ Siani \_\_\_\_\_ Chairperson Jay



*The Metropolitan Water District of Southern California*

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# NEWS RELEASE

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Maritza Fairfield, (213) 217-6853; (909) 816-7722, mobile; [mfairfield@mwdh2o.com](mailto:mfairfield@mwdh2o.com)

Oct. 19, 2021

## METROPOLITAN GENERAL MANAGER ISSUES STATEMENT ON GOVERNOR NEWSOM'S EXPANDED STATEWIDE DROUGHT DECLARATION

*Adel Hagekhalil, general manager of the Metropolitan Water District of Southern California, issues the following statement on Gov. Gavin Newsom's Executive Order today that expands the statewide drought declaration to include all of California:*

"As California faces some of the driest conditions we've ever seen, we need a united, statewide response. All of our communities across the state must do what we can to conserve our limited water resources.

"Southern Californians have done a great job becoming more water efficient in recent years, and Metropolitan has worked alongside them to adjust our operations and increase our calls for conservation to ensure the region has water to get through this drought. But given the increasing severity of conditions, we all need to step up and immediately cut back our water use even more.

"That is why Metropolitan's Board of Directors in November will consider whether to call upon our member agencies to implement mandatory conservation in their communities, as outlined in their water shortage contingency plans. These plans, which are specific to the needs of each community, will help promote the water savings needed to ensure that the entire state has the water it needs, should these historically dry conditions continue for another year. In addition, Metropolitan is taking steps in the coming months to expand our conservation programs, including offering new rebates to promote water savings in homes and businesses, so we continue to be your partners in saving water. And looking ahead, we are ensuring long-term reliability through our One Water approach, including increased investments in local water supplies such as reuse and recycling."

###

*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.*

## **SUMMARY OF CONSERVATION /DROUGHT NOTIFICATION AND COMMUNITY OUTREACH PROGRAM**

10-20-21

- An overview brochure explaining the current drought situation, the need for conservation, prohibited water uses , the Conservation Ordinance requirements and the most effective ways to achieve water savings
- Conservation/Drought Fact Sheet(s) for distribution to City buildings and for inclusion on webpage
- A series of short info graphic bulletins on various conservation themes (i.e. Turf Replacement, Conservation Tips etc.)
- Development of a separate Water conservation/Drought Awareness webpage
- Public Service Announcements (PSA) to air on Citi-Cable
- Bill inserts and short conservation messages printed on municipal utility bills
- Press releases and collateral materials to City newsletter, HOA/ community news letters, city publications and commercial newspapers
- Social media pieces in Facebook, Instagram and other social media outlets
- Commercial Ads in newspapers and other media outlets
- Ordinance requirements to be published in local newspaper (Daily Breeze)
- Promotional materials remind public regarding need and ways to conserve water
- Distribution of tent card to restaurants and lodging establishments for:  
a) water service in restaurants by request only and b) option not to launder linens for multiple day stay guests
- Possible cooperative partnership (s) with other agencies for joint information and outreach programs
- Possible Citi-Cable produced segment on Water Conservation/Drought

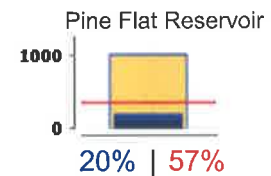
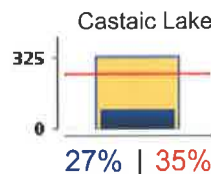
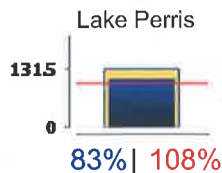
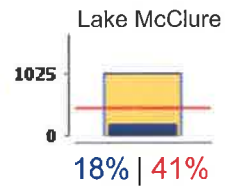
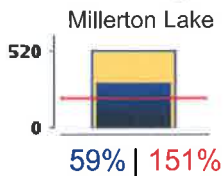
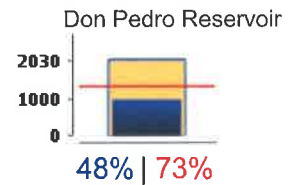
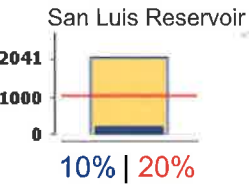
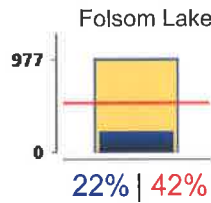
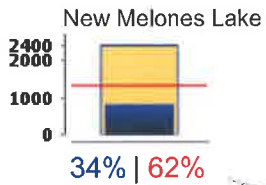
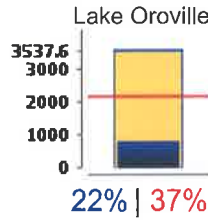
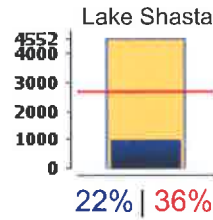
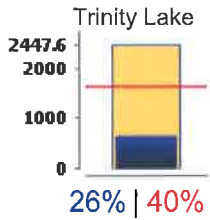
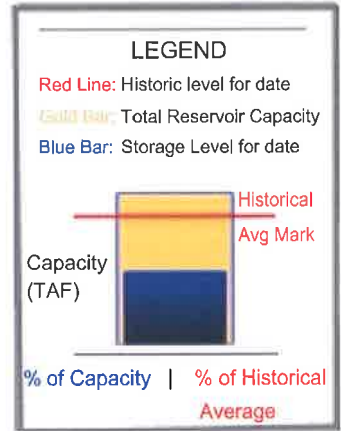




# CURRENT RESERVOIR CONDITIONS

## SELECTED WATER SUPPLY RESERVOIRS

Midnight: October 18, 2021

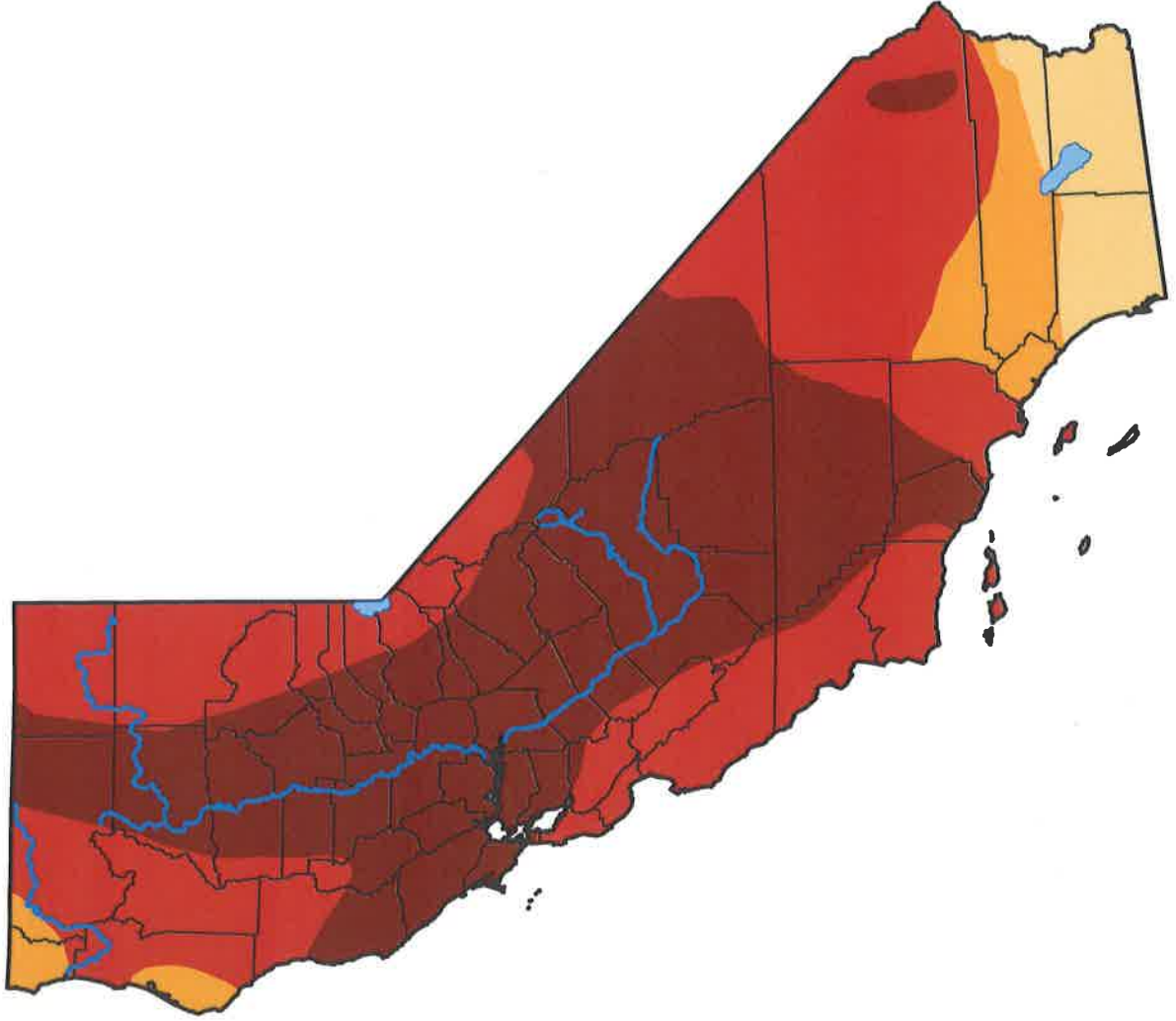


# U.S. Drought Monitor California

October 12, 2021

(Released Thursday, Oct. 14, 2021)

Valid 8 a.m. EDT



## Intensity:



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

## Author:

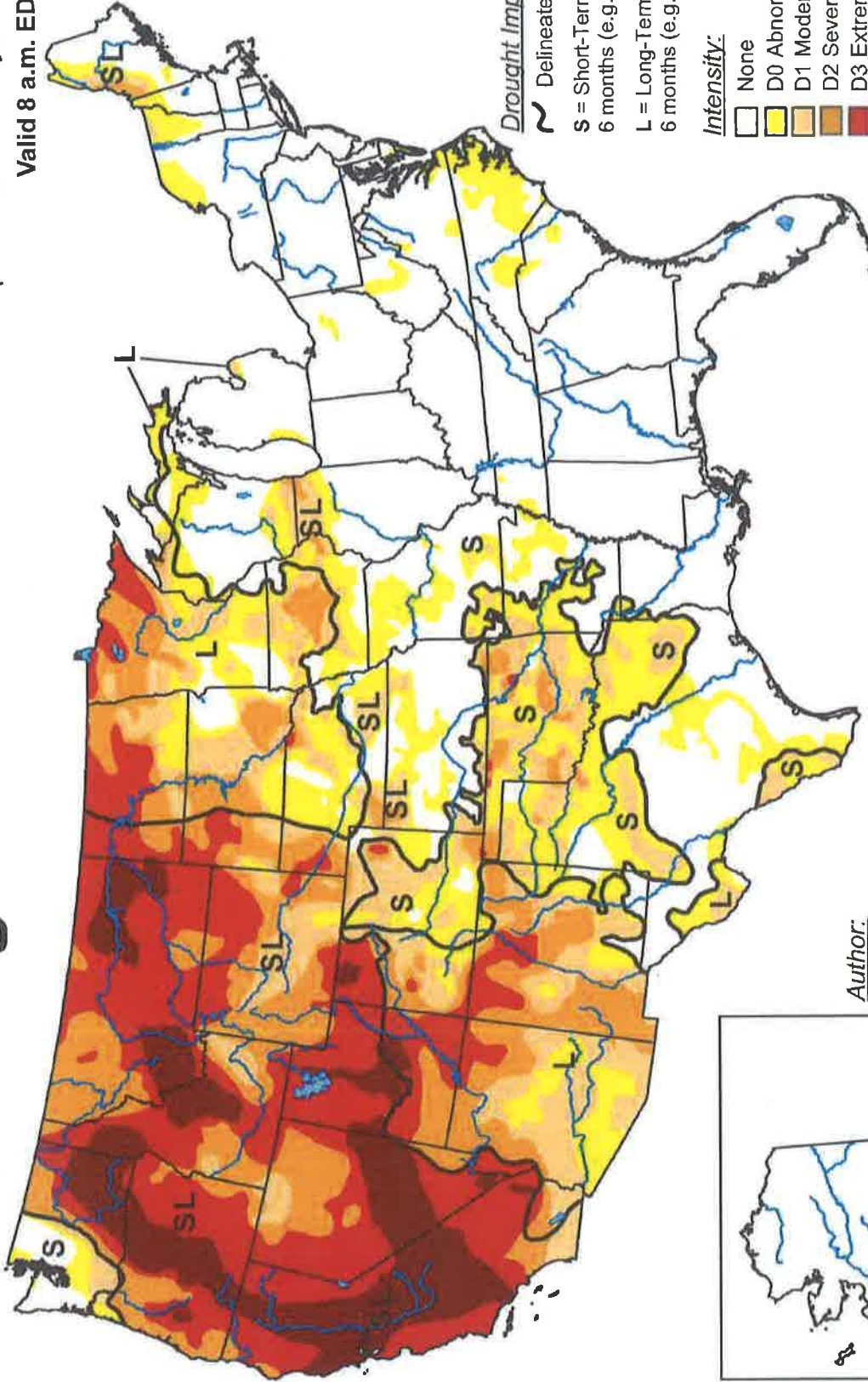
Adam Hartman  
NOAA/NWS/NCEP/CPC



# U.S. Drought Monitor

October 12, 2021  
(Released Thursday, Oct. 14, 2021)

Valid 8 a.m. EDT



### 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

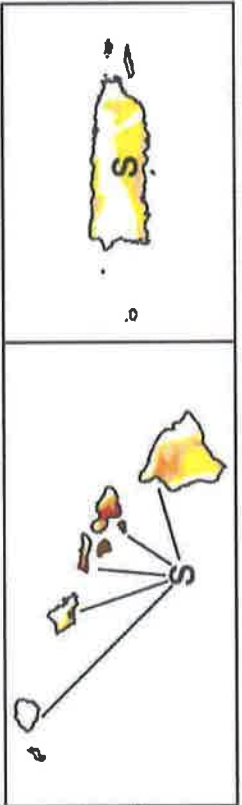
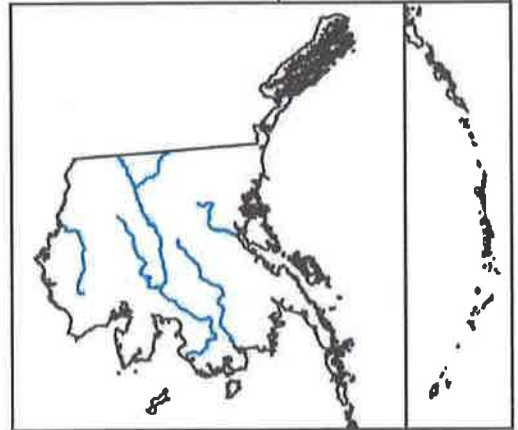
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droughtmonitor.unl.edu

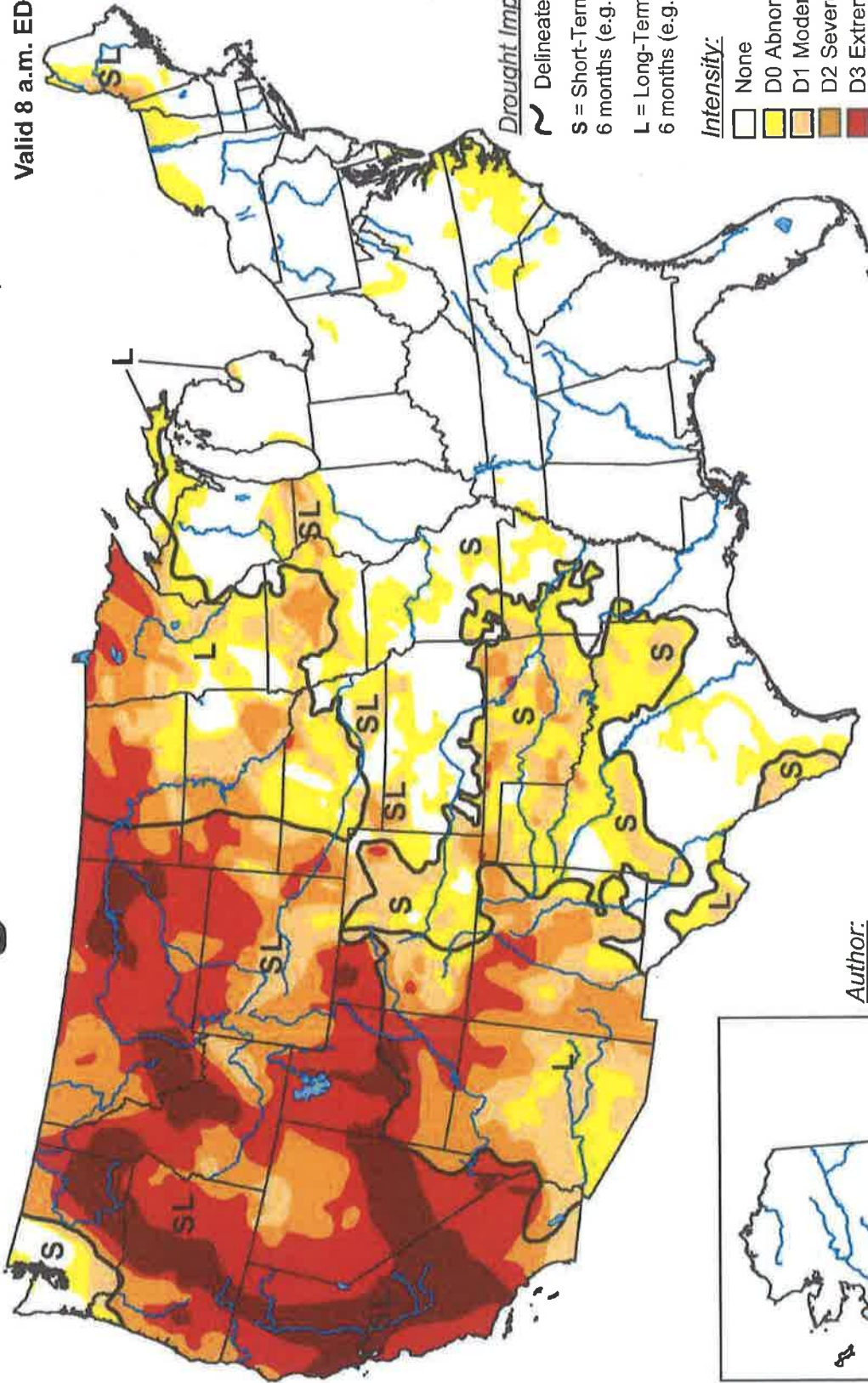


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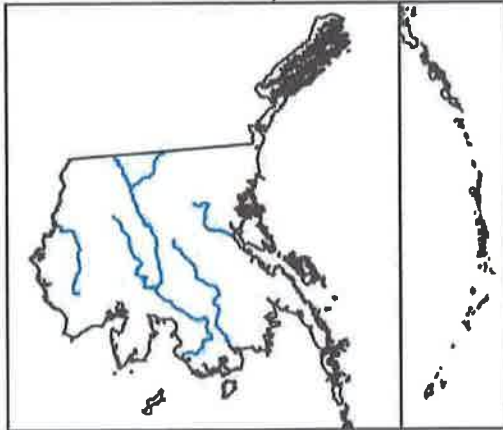
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**Author:**  
Adam Hartman  
NOAA/NWS/NCEP/CPC

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



**TO: WATER COMMISSION**

**FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS**

**SUBJECT: RECOMMENDATION FOR ACTIVATION OF LEVEL 1 OF THE CITY'S WATER CONSERVATION ORDINANCE**

At the September Water Commission meeting, the Commission considered a preliminary proposal by staff to transition from the current Permanent Baseline Stage (stage 1 of 4 stage conservation plan) of the City's Water Ordinance to Level 1 of the Ordinance (stage 2 of conservation plan), in view of severe drought conditions impacting most of California. It is the recommendation of staff that the Water Commission take a position supporting the activation of Level 1 (stage 2) of a Water Supply Shortage condition.

**BACKGROUND**

California is in the midst of a second consecutive extreme drought year (calendar year 2020 and 2021) and many parts of the state are facing major water shortage situations. Although the Metropolitan Water District six-county service area, including Torrance, has adequate water to meet demands due to MWD's banked water storage, there is a statewide water crisis. Major reservoirs throughout the state are at or near historic low levels and the water allocation from the State Water Project (SWP) is at 5% of contractor entitlements. As a result, the Metropolitan Water District will only receive 100,000 acre-feet of SWP supplies compared 1,000,000 AF in a normal year.

Beginning in the spring, Governor Newsom issued a series of drought proclamations and declarations urging all Californians to reduce their water usage and conserve limited water supplies. In July, the Governor issued a declaration requesting all water users' voluntary cutback water consumption by 15%. On July 19<sup>th</sup>, the Governor issued an Executive Order that expanded a drought declaration statewide to include all of California. Formally, this order applied only to 50 of state's 58 counties and excluded eight counties that could demonstrate their water supply reliability, including the six county MWD service area. The new Executive Order applies to the entire state, including the Metropolitan Water District and all of its member agencies.

Although the Order does not specifically provide for mandatory water use reductions, the State Water Resources Control Board (SWRCB) is expected to address this issue. As a result of the expanded Executive Order, Metropolitan issued a press release stating that the MWD Board will consider whether to implement mandatory reductions of imported water deliveries to its member agencies by activation of its Water Supply Allocation Program (WSAP). During the last two major droughts in 2009 and 2015, MWD implemented its WSAP and imposed mandatory reductions in

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

imported water use. The reductions were enforced by imposing penalty rates for use above the agency's target allocation.

In 2015, the SWRCB issued a statewide urban water usage reduction amounting to a 20% cutback from the baseline period of calendar year 2013. All urban water retailers were assigned specific reduction targets ranging from 36% to 4% based on their prior residential water usage. Torrance Municipal Water's (TMW) target was initially set at 20%, which was subsequently reduced to 19% and TMW was successful in achieving this target. At this time, there is no information regarding whether the SWRCB will set mandatory reduction targets nor the methodology to be employed.

## **ANALYSIS**

The current Water Conservation Ordinance was originally adopted in 2009 and replaced an older version that had been in place since the early 1990's. The Ordinance was subsequently updated during the 2015 drought period. The Ordinance has four stages ranging from the current baseline stage (stage 1) to a stage four condition, which is known as a Level 3 Water Supply Shortage condition. The Ordinance applies to the entire City of Torrance, including those areas served by the California Water Service Company. The City's Conservation Ordinance focuses on efficient uses of potable water (recycled water is exempt), targeted reduction use during the drought period and elimination of wasteful water use practices. The main provisions of the Ordinance are:

Permanent water use restriction that are in force at all times including:

- Limits on outdoor watering hours and duration
- No excessive water flow or runoff
- No washing down of hard paved exterior surfaces (driveways, sidewalks, etc.)
- Obligation to fix leaks and line breaks expediently
- Limits on washing of vehicles
- All decorative water features must have a re-circulating system
- Drinking water served by request only in dining establishments
- Lodging establishments must provide option not to launder lines daily
- No installation of single pass cooling systems
- No installation of non re-circulating car washes or commercial laundry facilities
- Restaurants are required to use water conserving dish wash sprayers

The Water Conservation Ordinance has ascending levels of water supply shortage reductions ranging from a stage 2 condition, known as a Level 1 Water Supply Shortage of up to a 15% reduction to a Level 3 (stage 4) shortage exceeding 30%. Each Level has more stringent water use requirements attached to it. Other provisions require more water efficient practices in the future, provide penalty provisions for repeated violators and provide for hardship waivers.

In view of the dire drought conditions in the state and the Governor's recent Executive Order declaring a drought emergency statewide, it is staff's recommendation that the second stage of the City's Conservation Ordinance, known as a Level 1 Water Supply Shortage be activated. The recommended Level 1 stage of the Ordinance complies with Governor's call for a 15% water reduction.

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

In addition to the permanent measures already in place under the Permanent Baseline stage (stage 1), other measures/restrictions imposed by activation of the Level 1 Water supply Shortage include:

- Prohibiting outdoor watering between the hours of 9 a.m. to 5 p.m.
- Limiting outdoor watering to three day per week
- Requirement to fix all leaks within seven days
- The City may adopt other prohibited water uses, after notice to customers

In addition to activation of Level 1 of the Water Conservation Ordinance, it is recommended that the City's public outreach efforts and conservation program be accelerated. The immediate priorities are dissemination of customer notification brochures and fact sheets, email notifications to customers through the entire City, a website/webpage upgrade, Citi-Cable public service announcements (PSA), a video on water conservation and utility bill stuffers. The implementation plan will be revised periodically as the situation warrants. A brief outline of the preliminary Water Conservation and Drought Response Plan is attached for reference. Staff will provide a presentation on this item.

  
Matthew Khaop  
Deputy Public Works Director - Operations

Roll Call: \_\_\_\_\_ Craft \_\_\_\_\_ Glass \_\_\_\_\_ Kawai \_\_\_\_\_ Masnek  
\_\_\_\_\_ Mattie \_\_\_\_\_ Siani \_\_\_\_\_ Chairperson Jay

COMMISSION MEETING OF  
October 27, 2021

**TO: WATER COMMISSION**  
**FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS**  
**SUBJECT: WEST BASIN WATER ASSOCIATION (WBWA)**

Staff will provide an oral report regarding the West Basin Water Association (WBWA) at the Commission meeting.

  
\_\_\_\_\_  
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 SEPTEMBER 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 September 2021 are:

1. Total potable water produced and imported from local sources is 1.8% lower than in September 2020. On a year-to-date basis, potable water is 3.9% lower than last year and total water produced from all sources, including recycled water is 1.8% 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: September

Water Source	Sep. 2020	Sep. 2021	Change
<b>Potable Groundwater</b>			
Wells*	153.4	153.5	+ 0.1%
WRD Desalter*	309.0	331.1	+ 7.2%
Subtotal	462.4	484.6	+4.8%
<b>Imported Potable</b>			
MWD	1,321.5	1,266.6	-4.2%
<b>Imported Recycled</b>			
WBMWD	485.9	498.8	+0.1%
<b>Total Produced/Imported</b>			
All Potable Sources	1,783.9	1,751.2	-1.8%
All Sources + Recycled	2,269.8	2,250.0	-0.9%

Year to Date: 2020 vs 2021

Water Source	2020 YTD	2021 YTD	Change
<b>Potable Groundwater</b>			
Wells	1,239.4	1,325.0	+6.9%
WRD Desalter	1,884.2	1,953.3	+3.7%
Subtotal	3,123.6	3,278.3	+5.0%
<b>Imported Potable</b>			
MWD	11,251.4	10,529.0	-6.4%
<b>Imported Recycled</b>			
WBMWD	4,033.4	4,278.1	+6.1%
<b>Total Produced/Imported</b>			
All Potable Sources	14,375.0	13,807.3	-3.9%
All Sources + Recycled	18,408.4	18,085.4	-1.8%

\*data estimate based on production reads

2. There were 4 water main breaks for the month of September 2021 compared to 11 during the same period in 2020. Total main breaks for calendar year 2021 are 41 compared to 29 last year. The major reason for this disparity is because we experienced an extremely low incidence of main breaks during the first six months of 2020.
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 3,500 to 4,000 AF of potable water per year.

  
 Matthew Knapp  
 Deputy Public Works Director - Operations

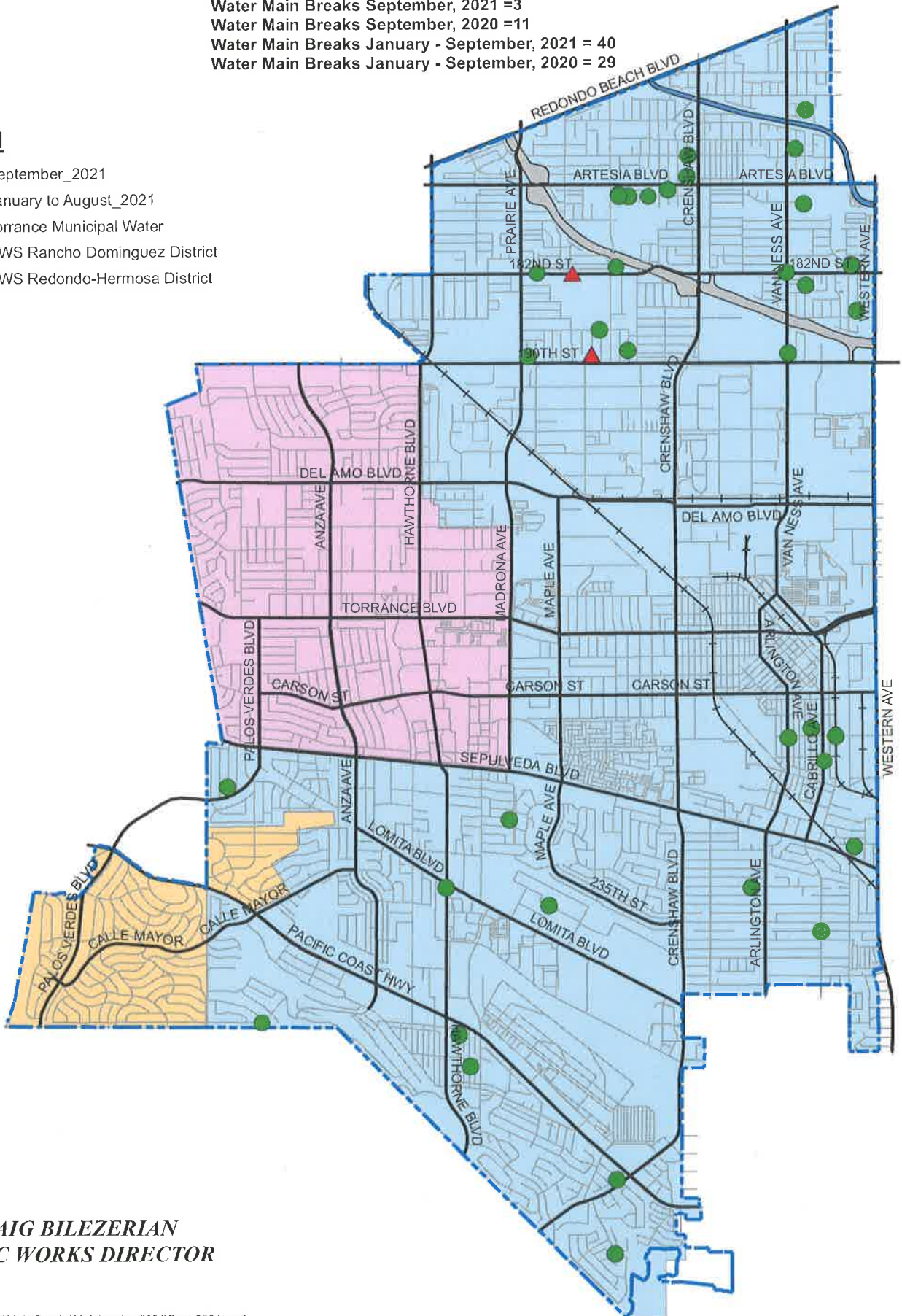
**Roll Call:** \_\_\_\_\_ **Craft** \_\_\_\_\_ **Glass** \_\_\_\_\_ **Kawai** \_\_\_\_\_ **Masnek**  
 \_\_\_\_\_ **Mattie** \_\_\_\_\_ **Siani** \_\_\_\_\_ **Chairperson Jay**

# TORRANCE MUNICIPAL WATER WATER MAIN BREAKS 2021

Water Main Breaks September, 2021 = 3  
 Water Main Breaks September, 2020 = 11  
 Water Main Breaks January - September, 2021 = 40  
 Water Main Breaks January - September, 2020 = 29

## Legend

- ▲ September\_2021
- January to August\_2021
- Torrance Municipal Water
- CWS Rancho Dominguez District
- CWS Redondo-Hermosa District



**CRAIG BILEZERIAN**  
**PUBLIC WORKS DIRECTOR**