

ABOUT THE DROUGHT

STATUS OF DROUGHT RESPONSE AND PERFORMANCE

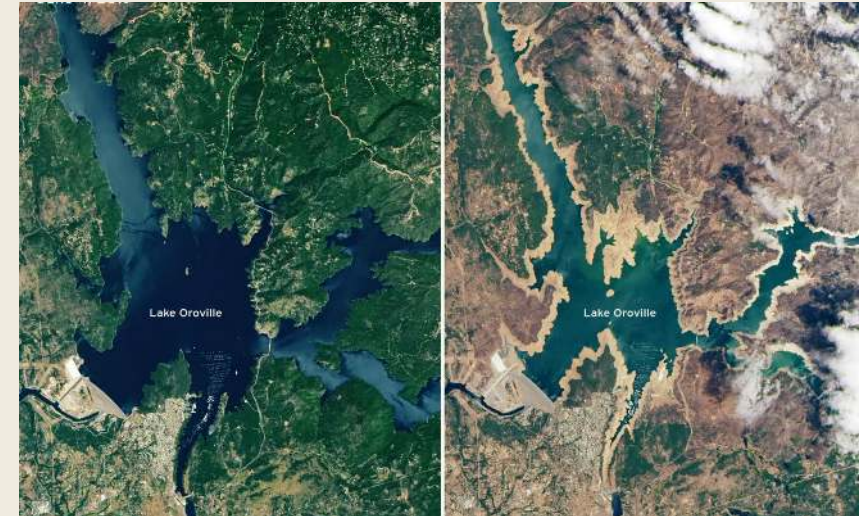
MATTHEW DICKENS, MPA
SUSTAINABILITY MANAGER



Water Resources and Watershed Committee
August 11, 2021
Item No. 3.3

PRESENTATION OVERVIEW

1. CALIFORNIA DROUGHT STATISTICS
2. LOCAL DROUGHT STATISTICS
3. REGULATORY STATUS
4. DEMAND PERFORMANCE
5. SCV WATER – DROUGHT READY
6. ON THE RADAR
7. QUESTIONS AND ANSWERS



Lake Oroville (2020 v. 2021)



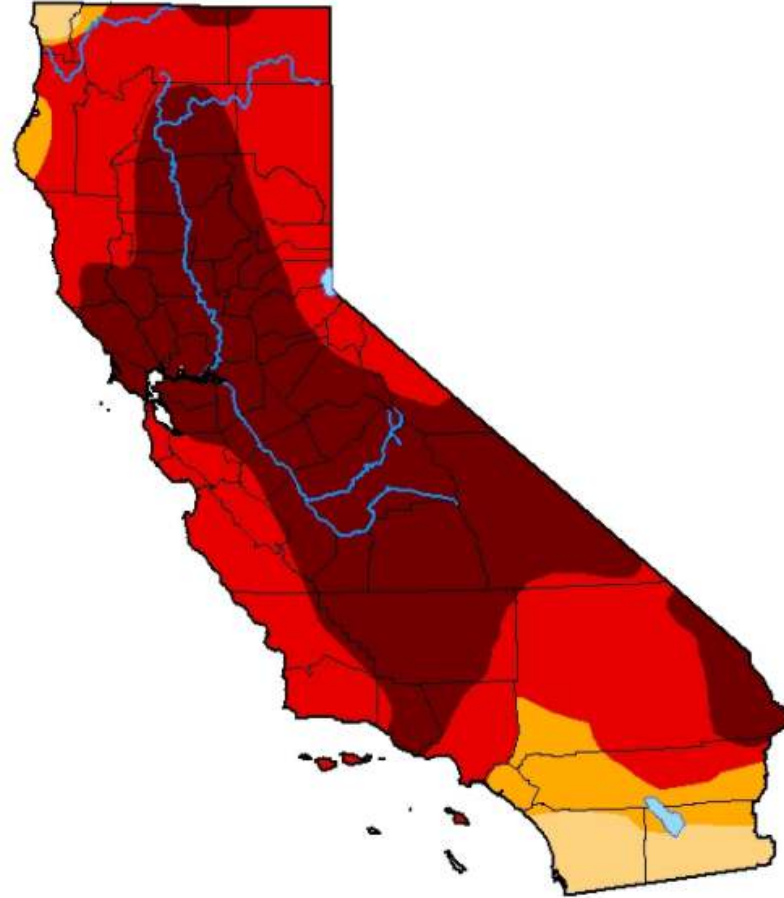


CA DROUGHT STATISTICS

SAMPLE SUBTITLE

CA DROUGHT STATISTICS

U.S. Drought Monitor California



August 3, 2021
(Released Thursday, Aug. 5, 2021)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	100.00	95.07	88.37	46.45
Last Week 07-27-2021	0.00	100.00	100.00	95.09	88.59	46.49
3 Months Ago 05-04-2021	0.00	100.00	97.52	92.88	73.31	5.36
Start of Calendar Year 12-29-2020	0.00	100.00	95.17	74.34	33.75	1.19
Start of Water Year 09-29-2020	15.35	84.65	67.65	35.62	12.74	0.00
One Year Ago 08-04-2020	33.74	66.26	50.38	21.50	3.04	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

Author:

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CPC/NOAA/NWS/NCEP



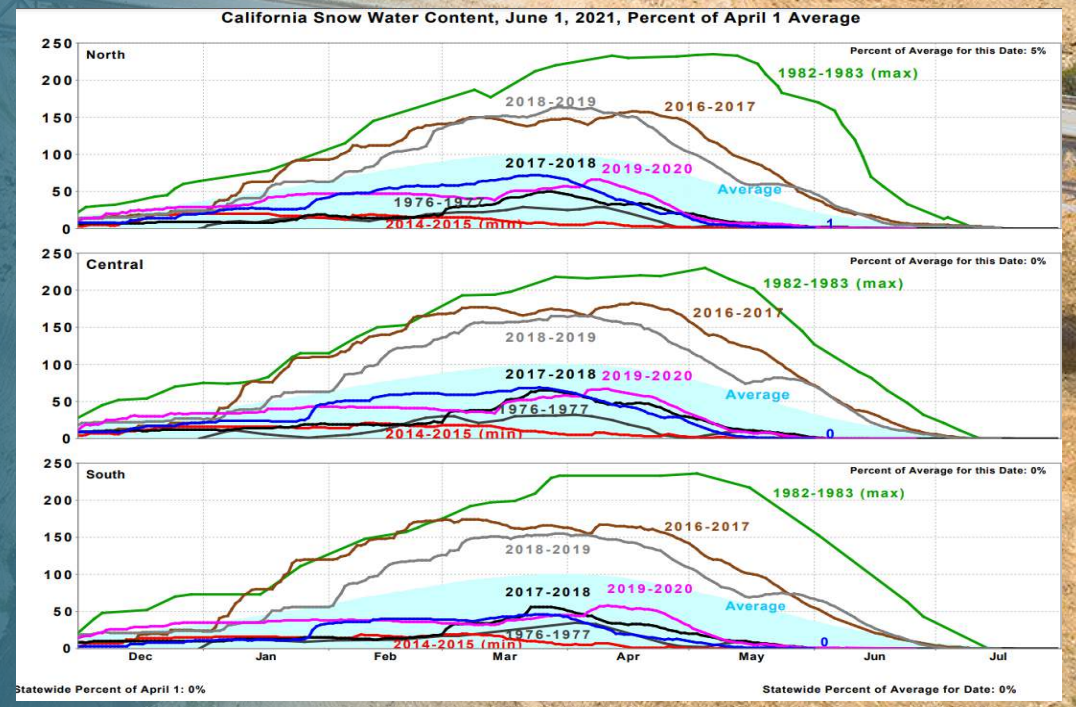
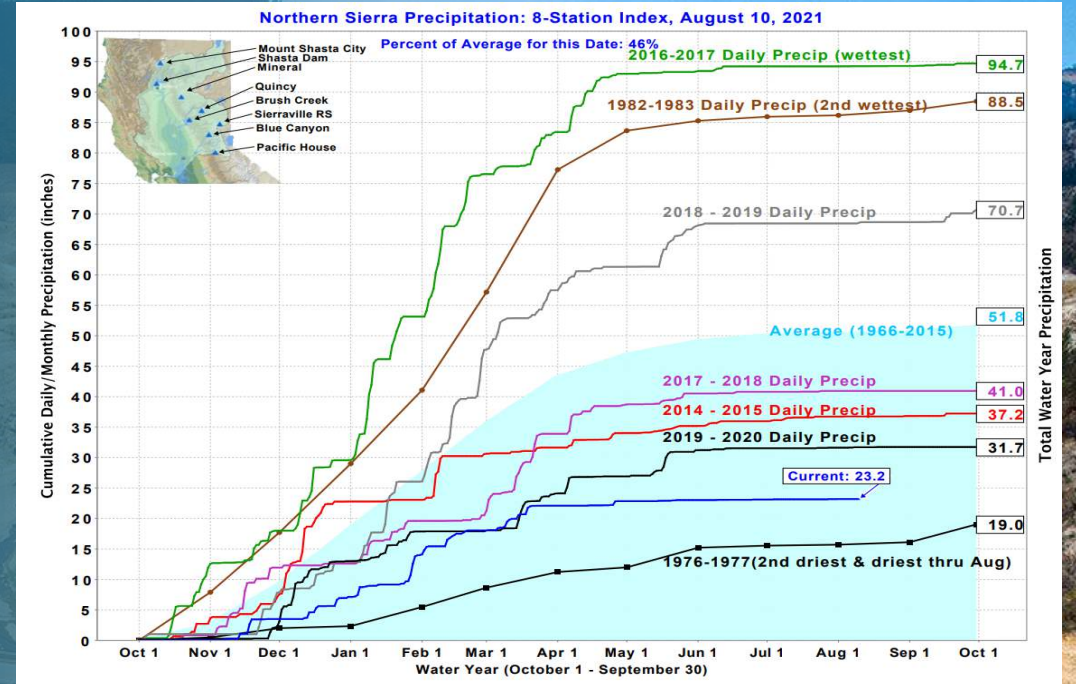
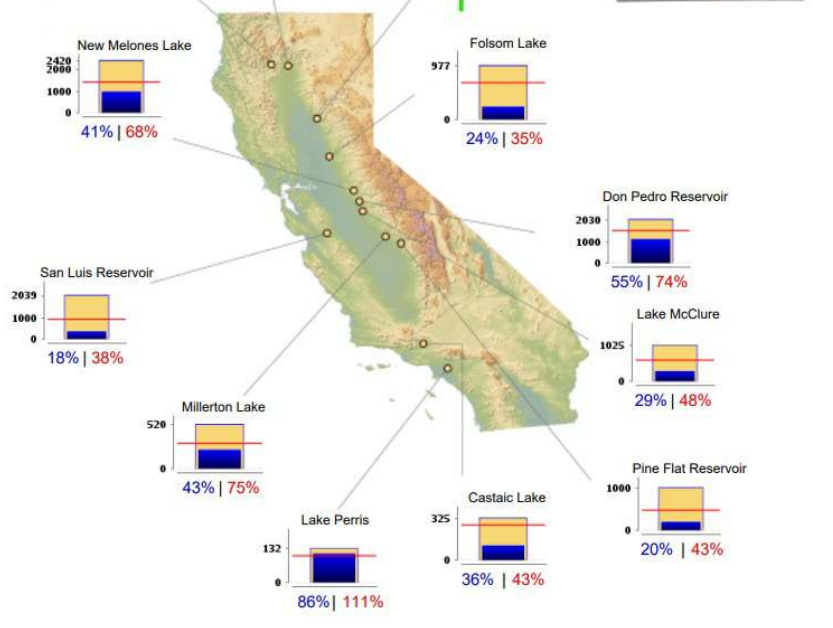
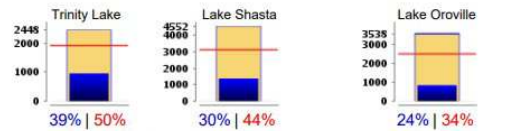
droughtmonitor.unl.edu

CA DROUGHT STATISTICS



SELECTED WATER SUPPLY RESERVOIRS

Midnight: August 9, 2021



Statewide Percent of April 1: 0%

Statewide Percent of Average for Date: 0%



REGULATORY STATUS

SAMPLE SUBTITLE

REGULATORY UPDATES

1. GOVERNOR EMERGENCY DECLARATIONS

1. April 21, 2021 (2 Counties)
2. May 10, 2021 (Extended to 41 Counties)
3. July 9, 2021 (Extended to 50 Counties & 15% Voluntary Conservation v. 2020)



2. SCV WATER – WATER SHORTAGE CONTINGENCY PLAN

1. No Water Shortage Declaration
2. Active Conservation Program Levels Remain
3. Drought Communication & Engagement Enhancements

3. OTHER





LOCAL DROUGHT STATISTICS

SAMPLE SUBTITLE

LOCAL DROUGHT STATISTICS

LOCAL ET & PRECIPITATION



Evapotranspiration (2020 v. 2021)

- Current Month → -5.6%
- Year to Date → +6.7%



Precipitation (2020 v. 2021)

- Current Month → 0%
- Year to Date → -75%



Temperatures (Days > 90°)

- July 2020 → 15
- July 2021 → 29

Current Conditions for Los Angeles County

[View More National Drought Maps](#)

[U.S. Drought Monitor](#) [Temperature \(30-Day Departure from Normal\)](#) [Precipitation \(30-Day % of Normal\)](#)

The U.S. Drought Monitor (USDM) is updated each Thursday to show the location and intensity of drought across the country using a five-category system, from Abnormally Dry (D0) conditions to Exceptional Drought (D4). The USDM is a joint effort of the National Drought Mitigation Center, USDA, and NOAA. [Learn more.](#)

D0 - Abnormally Dry 100.00%

- Soil is dry; irrigation delivery begins early
- Dryland crop germination is stunted
- Active fire season begins

of Los Angeles County (D0-D4)

D1 - Moderate Drought 100.00%

- Dryland pasture growth is stunted; producers give supplemental feed to cattle
- Landscaping and gardens need irrigation earlier; wildlife patterns begin to change
- Stock ponds and creeks are lower than usual

of Los Angeles County (D1-D4)

D2 - Severe Drought 98.59%

- Grazing land is inadequate
- Fire season is longer, with high burn intensity, dry fuels, and large fire spatial extent
- Trees are stressed; plants increase reproductive mechanisms; wildlife diseases increase

of Los Angeles County (D2-D4)

D3 - Extreme Drought 98.58%

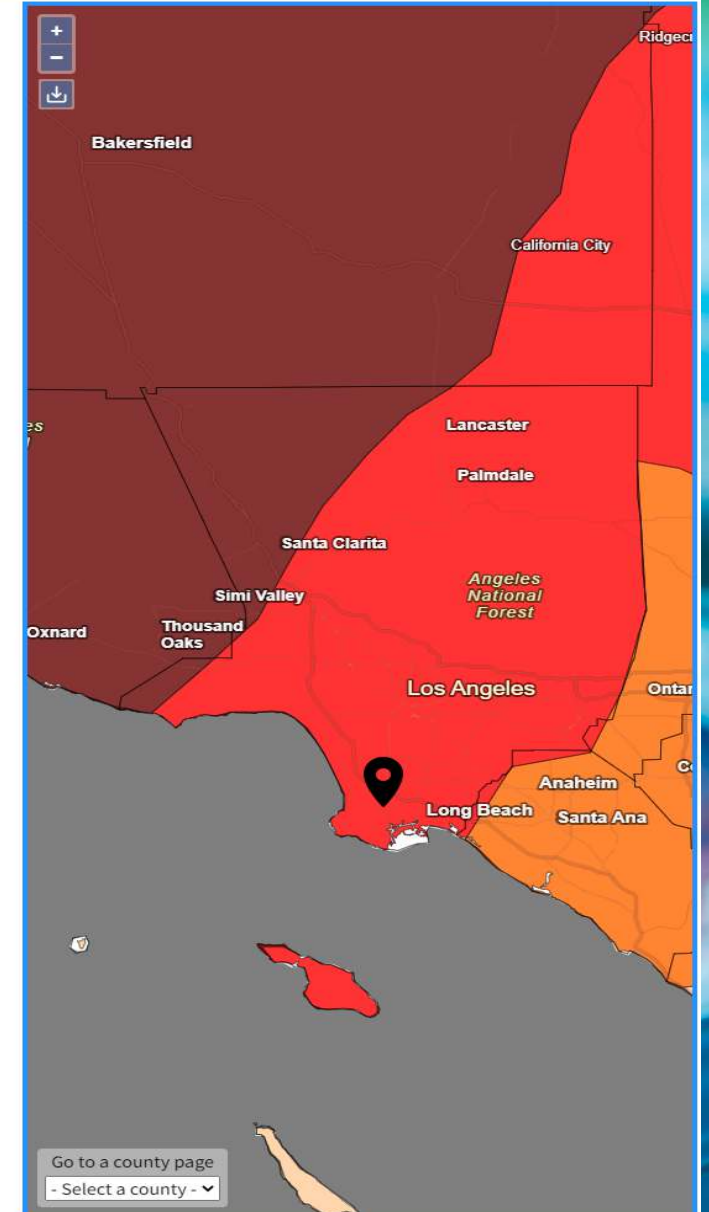
- Livestock need expensive supplemental feed; cattle and horses are sold; little pasture remains; fruit trees bud early; producers begin irrigating in the winter
- Fire season lasts year-round; fires occur in typically wet parts of state; burn bans are implemented
- Water is inadequate for agriculture, wildlife, and urban needs; reservoirs are extremely low; hydropower is restricted

of Los Angeles County (D3-D4)

D4 - Exceptional Drought 19.99%

- Fields are left fallow; orchards are removed; vegetable yields are low; honey harvest is small
- Fire season is very costly; number of fires and area burned are extensive
- Fish rescue and relocation begins; pine beetle infestation occurs; forest mortality is high; wetlands dry up; survival of native plants and animals is low; fewer wildflowers bloom; wildlife death is widespread; algae blooms appear

of Los Angeles County (D4)



Source(s): U.S. Drought Monitor

Updated weekly - 08/03/21



SCV WATER DEMAND PERFORMANCE

**NORMAL CONSERVATION AND DROUGHT
RESPONSE TARGETS**

SCV WATER DEMAND PERFORMANCE

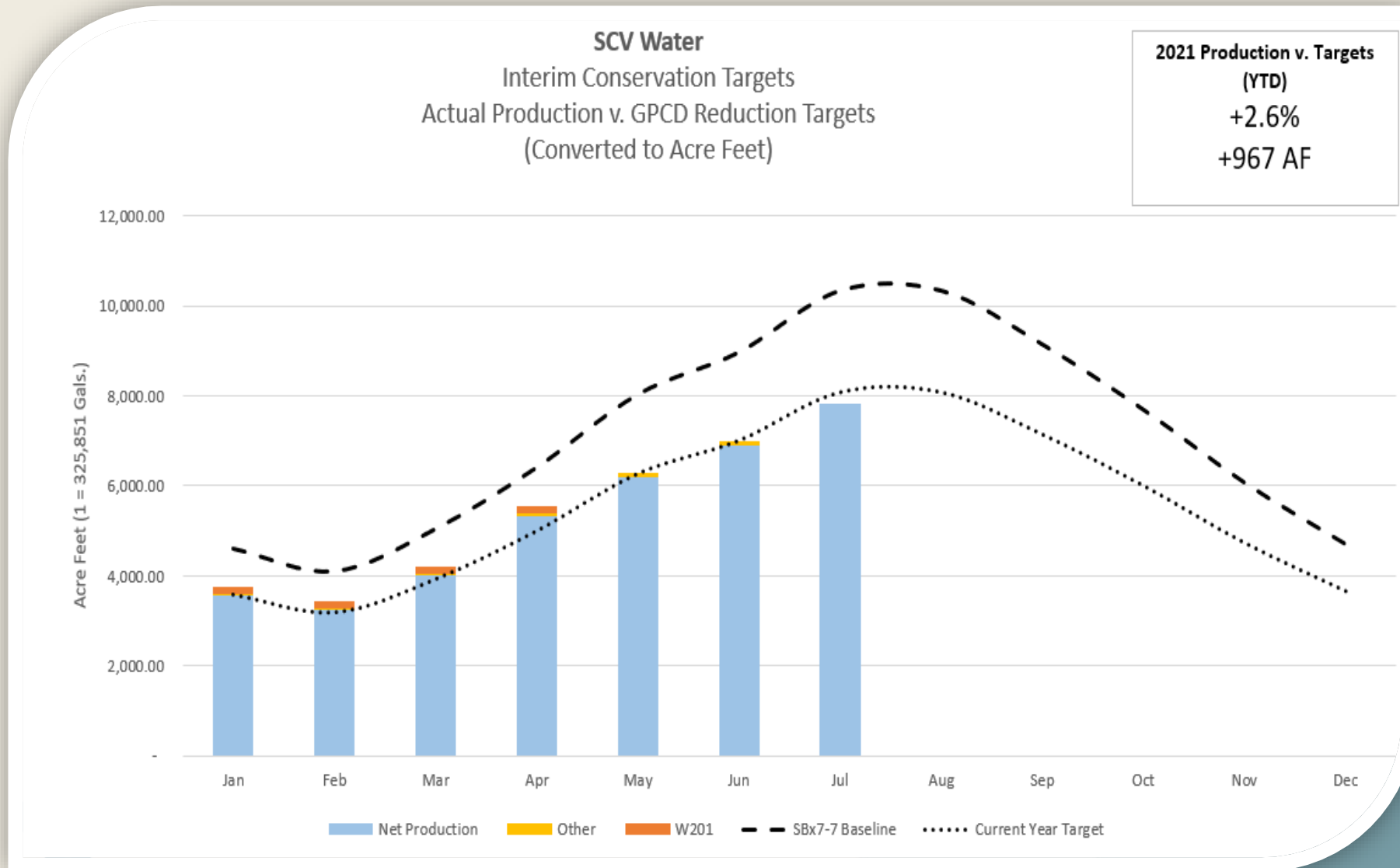
DEMAND/CONSUMPTION PERFORMANCE

1. Normal Conservation Target Performance
2. Drought Conservation Target (15% v. 2020)
3. Performance by Customer Class



INTERIM CONSERVATION TARGET – PERFORMANCE

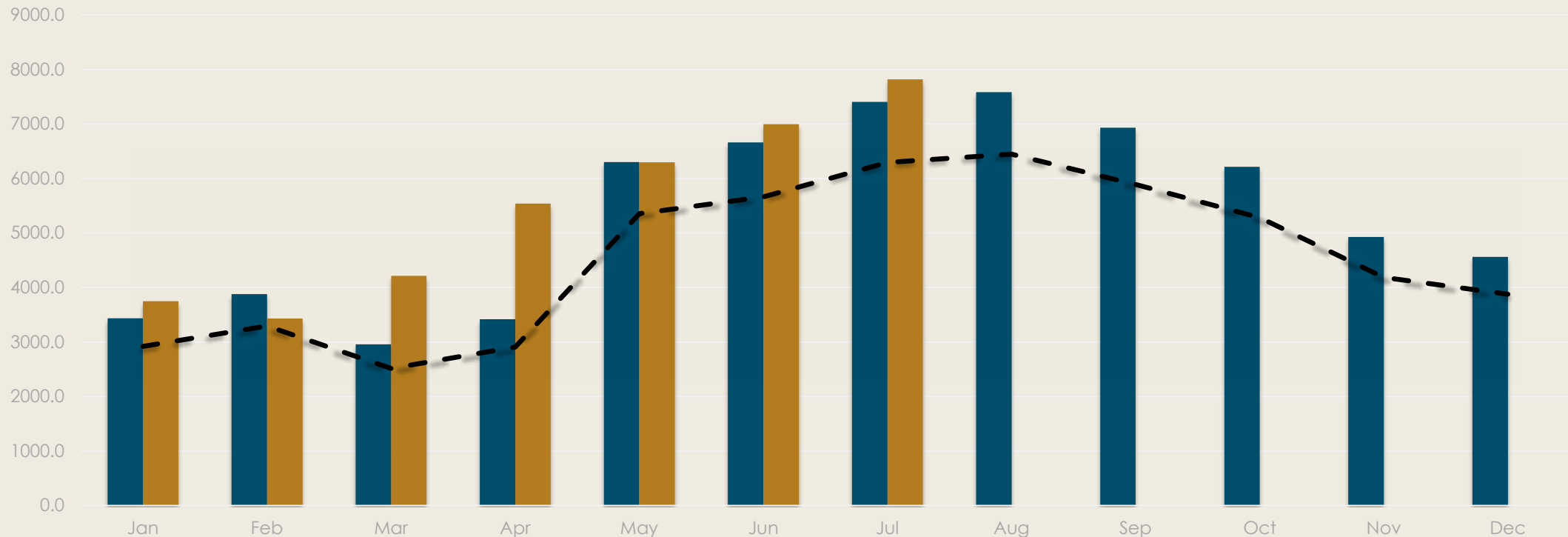
INTERIM WATER CONSERVATION TARGET (22% BY 2021)



DROUGHT CONSERVATION TARGET

VOLUNTARY DROUGHT CONSERVATION TARGET (15% V. 2020)

SCV Water
Monthly Production vs. 15% Reduction Plan (Ac-ft)



2020 Production

2021 Production

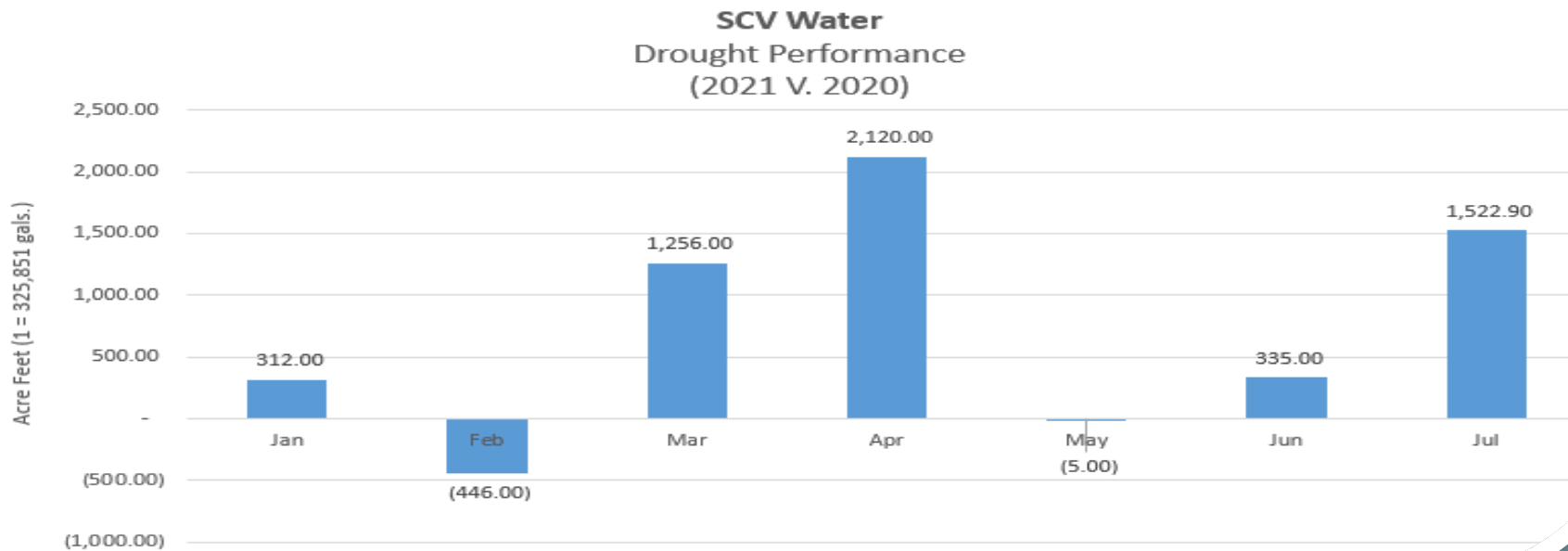
15% Reduction Plan



DROUGHT
READY
SCV

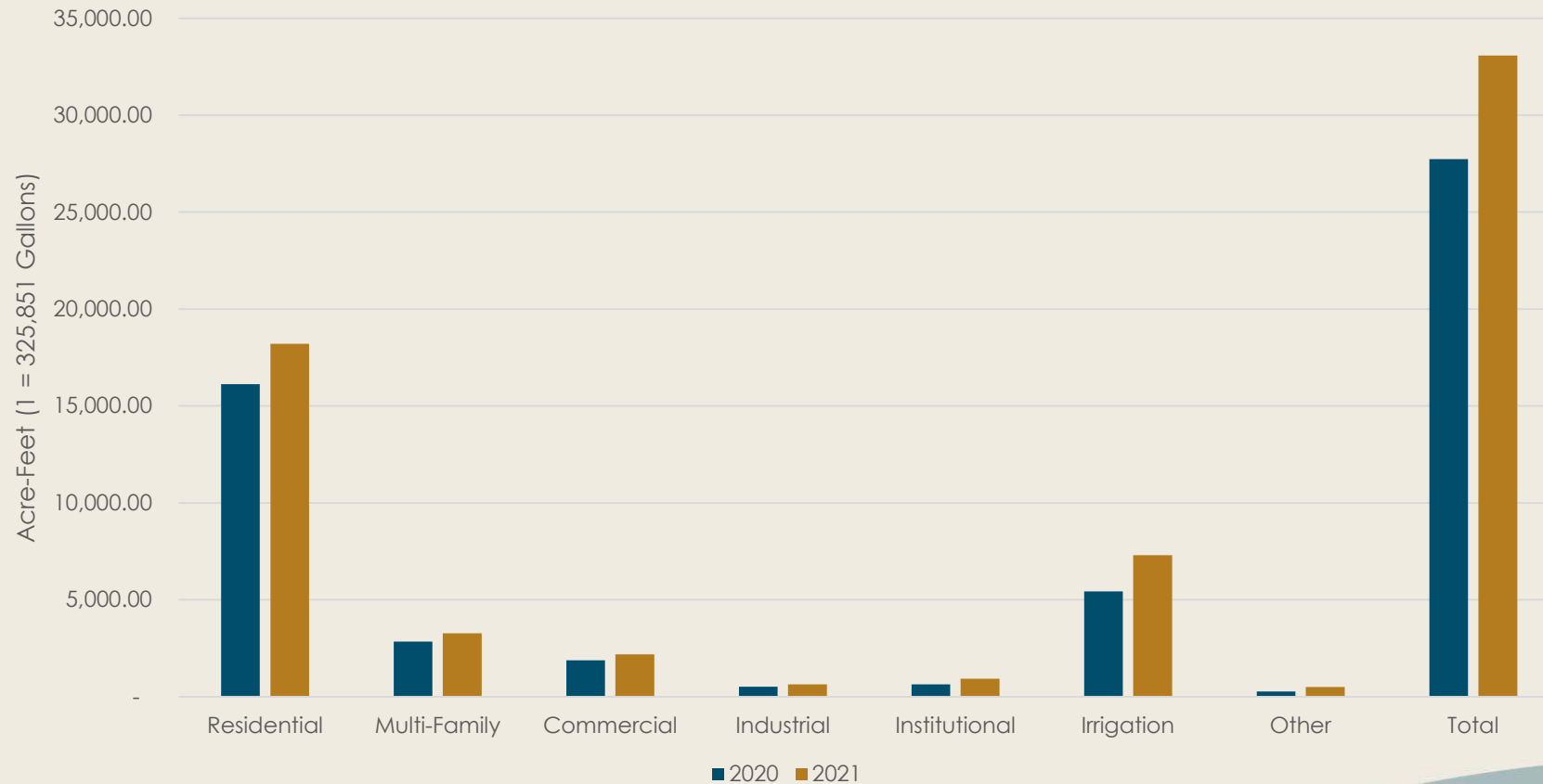
DROUGHT CONSERVATION TARGET

Month	Percent of Annual Production	2020 Production (AF)	2021 Target (AF)	2021 Savings (AF)	2021 Production (AF)	Monthly Difference (AF)	Monthly Difference (%)	Cumulative Difference (%)
Jan	5.3%	3,434.00	2,918.90	(515.10)	3,746.00	312.00	109%	109%
Feb	6.0%	3,876.00	3,294.60	(581.40)	3,430.00	(446.00)	88%	98%
Mar	4.6%	2,957.00	2,513.45	(443.55)	4,213.00	1,256.00	142%	111%
Apr	5.3%	3,417.00	2,904.45	(512.55)	5,537.00	2,120.00	162%	124%
May	9.8%	6,299.00	5,354.15	(944.85)	6,294.00	(5.00)	100%	116%
Jun	10.4%	6,662.00	5,662.70	(999.30)	6,997.00	335.00	105%	113%
Jul	11.5%	7,406.00	6,295.10	(1,110.90)	7,818.00	1,522.90	106%	112%
Aug	11.8%	7,583.00	6,445.55	(1,137.45)	-	-	0	0%
Sep	10.8%	6,929.00	5,889.65	(1,039.35)	-	-	0	0%
Oct	9.7%	6,214.00	5,281.90	(932.10)	-	-	0	0%
Nov	7.7%	4,924.00	4,185.40	(738.60)	-	-	0	0%
Dec	7.1%	4,562.00	3,877.70	(684.30)	-	-	0	0%
Total	100%	64,263.00	54,623.55	(9,639.45)	38,035.00	5,094.90		



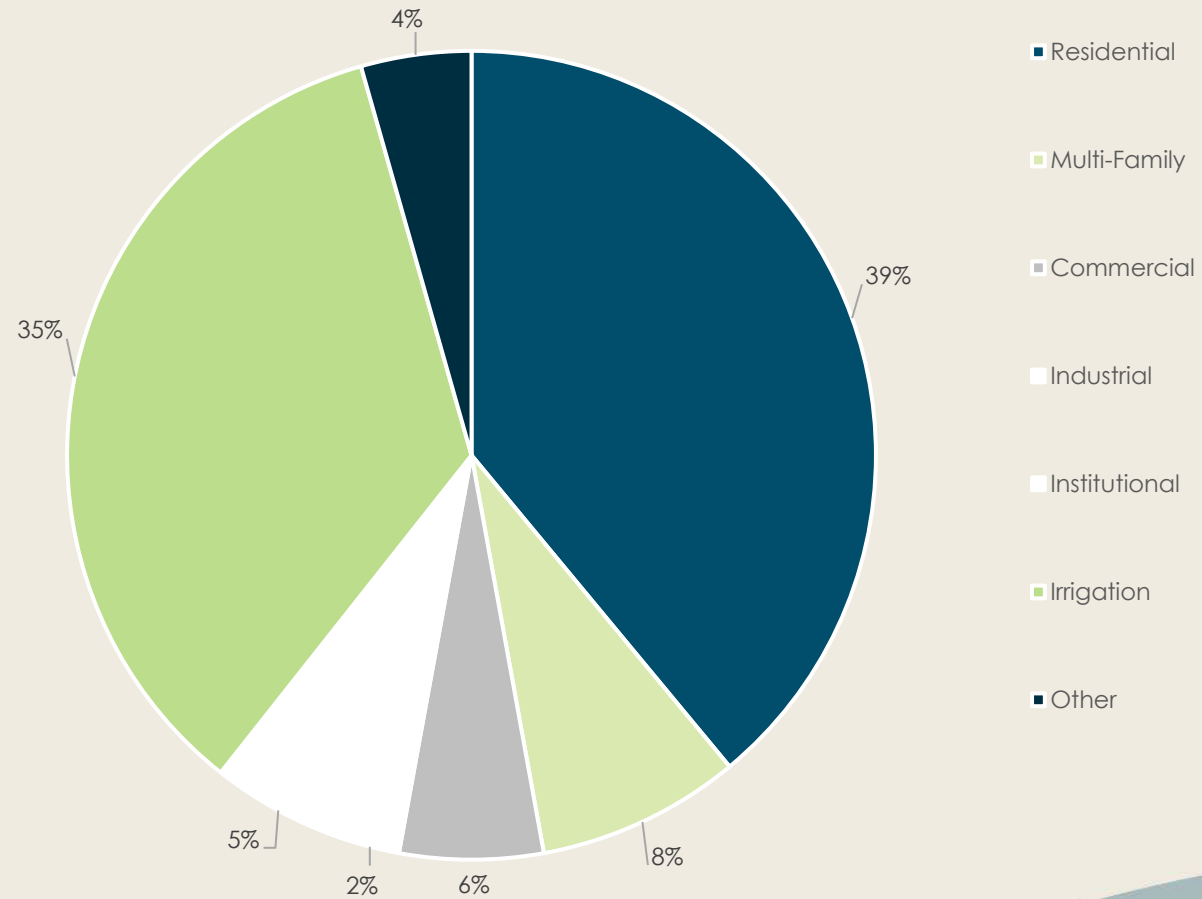
PERFORMANCE BY CUSTOMER CLASS

SCV Water
Sales by Customer Class
2020 v. 2021
(Jan-Jul)



PERFORMANCE BY CUSTOMER CLASS

SCV Water
Percent of Increase in Sales
2020 v. 2021

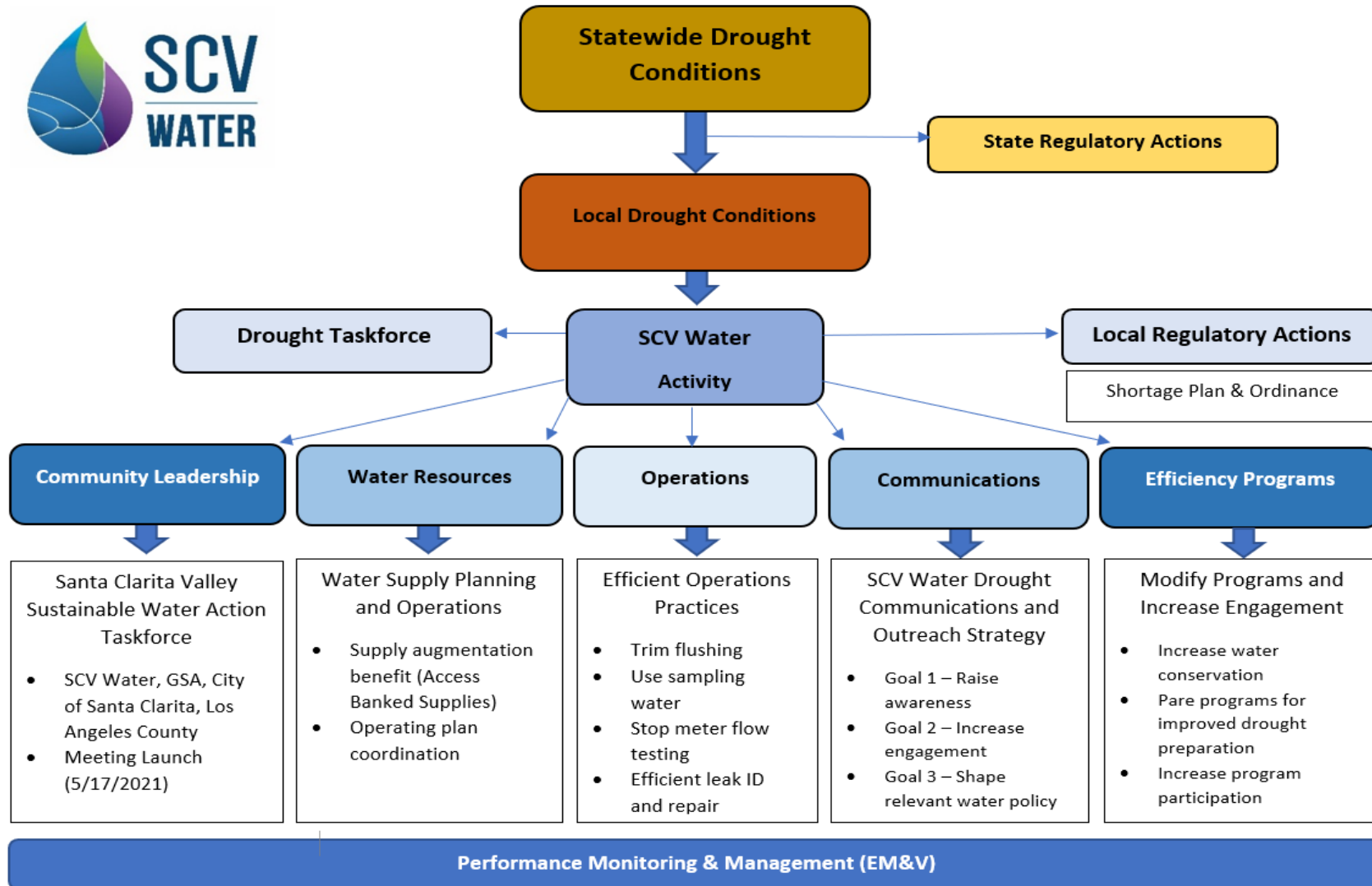




SCV WATER DROUGHT READY

**DROUGHT RESPONSE AND COMMUNITY
LEADERSHIP**

SCV WATER – DROUGHT RESPONSE OVERVIEW



WEBSITE



Currently, Los Angeles County, including the Santa Clarita Valley, is experiencing an **"extreme drought"** and our local precipitation level is on track to be the driest year on record. **California Governor Newsom** has also declared a drought emergency for many counties throughout the state and asked for all Californians to **voluntarily reduce their water use by 15% compared to 2020**.

While this news sounds grim, SCV Water is drought-ready. Our dedicated SCV Water team has always planned for the (un)rainy day. We are hard at work implementing strategies for drought-resilient water supplies and water-wise initiatives to ensure we can meet our community's water needs today and for many years to come.

But we need our customers' help! We must all do our part to save Mother Nature's finest resource: H₂O.

CURRENT CONDITIONS

Learn more about our current statewide drought conditions by visiting the California [drought monitor page](#).



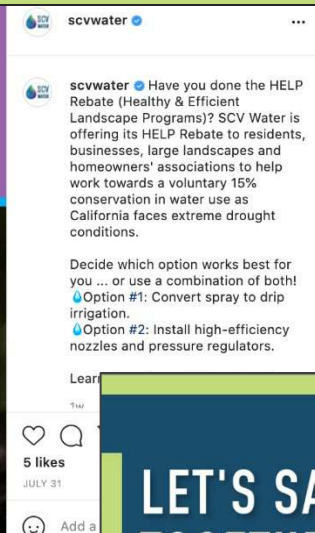
DROUGHT IS HERE.



You've come to the right place! Scroll down to view our water-saving resources. Find educational opportunities, tips, and rebates to help you save 15%. Let's work together to save!



SOCIAL MEDIA



REGULAR, BRANDED SOCIAL MEDIA POSTS:

- Drought Info
- Efficiency Information
- Programs and Initiatives
- English/Spanish



MEDIA AND ADS

ONGOING DIGITAL AND PRINT ADS

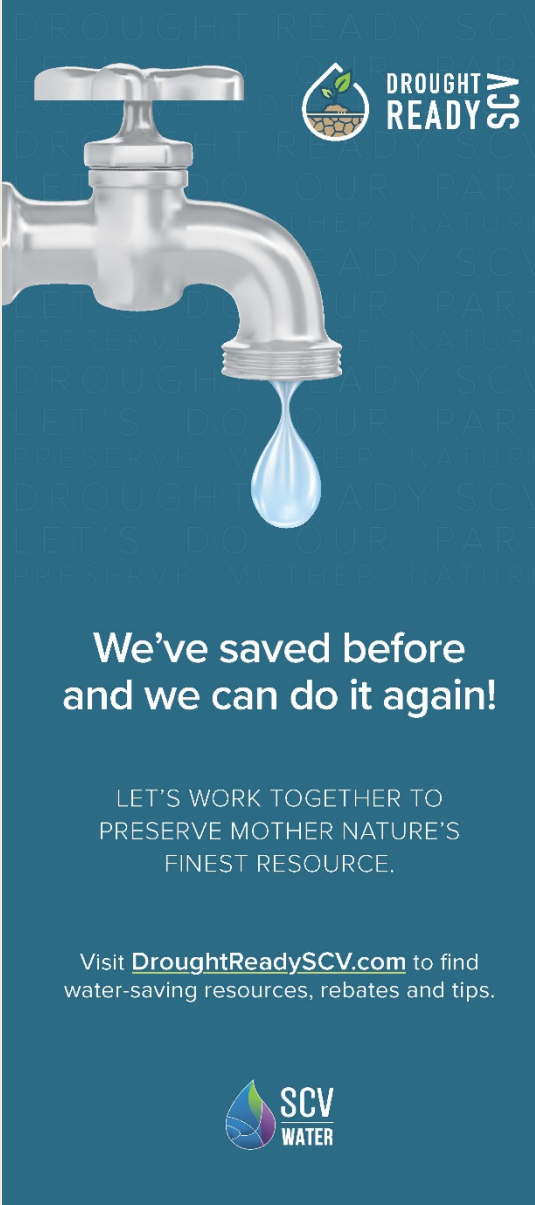
- Signal
- SCV Magazine
- Social Media
- KHTS
- Targeted Online Ads

MEDIA

- UPCOMING OP-ED
- ONGOING RESPONSE TO MEDIA INQUIRIES



DRAFT AD SAMPLE



The draft ad sample features a silver faucet with a single water drop falling from it, set against a dark blue background. In the top right corner, there is a logo for "DROUGHT READY SCV" with a small plant icon. The main text reads: "We've saved before and we can do it again!". Below this, it says: "LET'S WORK TOGETHER TO PRESERVE MOTHER NATURE'S FINEST RESOURCE." At the bottom, it encourages visiting "DroughtReadySCV.com" for water-saving resources, rebates, and tips. The SCV Water logo is in the bottom right corner.

DROUGHT READY SCV

**We've saved before
and we can do it again!**

LET'S WORK TOGETHER TO
PRESERVE MOTHER NATURE'S
FINEST RESOURCE.

Visit DroughtReadySCV.com to find
water-saving resources, rebates and tips.

**SCV
WATER**

COLLATERAL

- Fact Sheet
- Mailer
- Infographics
- E-newsletter



2021 DROUGHT FACTS

We've saved before and we can do it again, SCV!
Let's work together to preserve Mother Nature's finest resource: H2O.

ABOUT THE 2021 DROUGHT



Los Angeles County, including the Santa Clarita Valley, is in an "exceptional drought," and it's set to be the driest year on record. Our governor has also declared a drought emergency for most counties across the state and is calling on all Californians to voluntarily reduce their water use by 15% compared to 2020.

SCV WATER IS DROUGHT-READY



Through the years, SCV Water has invested in a diverse water portfolio and strategies for drought-resilient water supplies.

- A **Water Shortage Contingency Plan** proactively ensures adequate water supplies in the event of a shortage caused by a drought, earthquake, fire or other catastrophic event.
- Our **Groundwater Sustainability Plan** and **Urban Water Management Plan** direct long-term resource planning to guarantee water supplies are available to meet future water needs.
- Participation in "water banking" means we have supplies stored and available in underground aquifers in Kern County, ready to withdraw in dry years such as the one we are experiencing.

DROUGHT-READY TIPS



Together we can take simple actions that add up to big water savings.

- Be a leak detective and find and fix leaks
- Water between 2 and 6 a.m., no more than 3 days a week
- Enjoy 5-minute power showers
- Install WaterSense-labeled appliances and fixtures

Visit DroughtReadySCV.com to find water-saving resources, rebates and tips for your business and home.



WATER-SAVING RESOURCES

We're here to help our customers reach the **15% SAVINGS TARGET** through a variety of resources and incentives.

- **Water Efficiency Tips:** We offer lots of step-by-step tips and easy-to-follow videos for saving water at home
- **Water Rebates:** Take advantage of our rebate programs including lawn replacement; smart controllers, soil moisture sensors, and more
- **Water-wise Learning and Resources:** Check out our virtual gardening classes and sign up for our Water Current e-newsletter to get drought updates
- **Water waste reporting**





ON THE RADAR

THIRTY TO SIXTY DAY OUTLOOK

ON THE RADAR

STANDING PROGRAMS FORMAT

Limited offerings due to COVID safety protocols

DROUGHT READY CHECK-UP

Leak check, irrigation inspection, water efficiency kits, hose nozzles, shower timers, push broom

DROUGHT READY VIDEO

PILOT PROGRAMS

Sprinkler body check-valves, and irrigation flow sensors with master valve control





Q&A

SCV WATER DROUGHT RESPONSE AND DEMAND PERFORMANCE