

ABOUT THE DROUGHT

STATUS OF DROUGHT RESPONSE AND PERFORMANCE

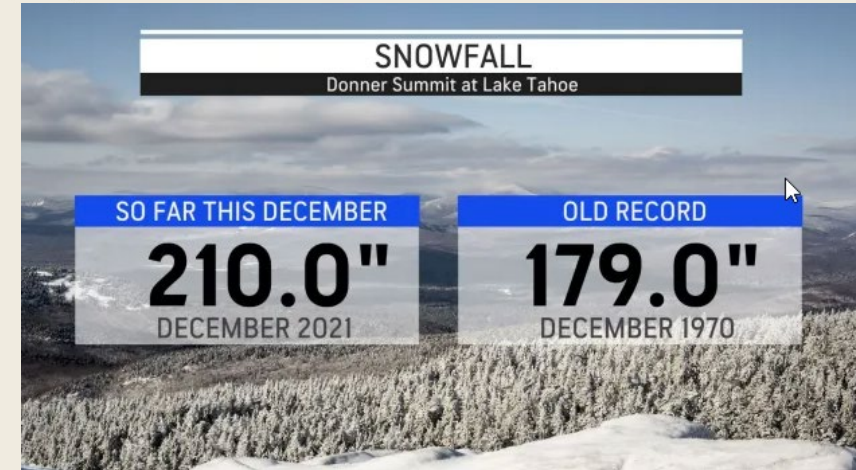
MATTHEW DICKENS, MPA
SUSTAINABILITY MANAGER



Water Resources and Watershed Committee
January 12, 2022
Item No. 6.1

PRESENTATION OVERVIEW

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



December 2021 Snowfall



CA DROUGHT STATISTICS

DROUGHT STATUS



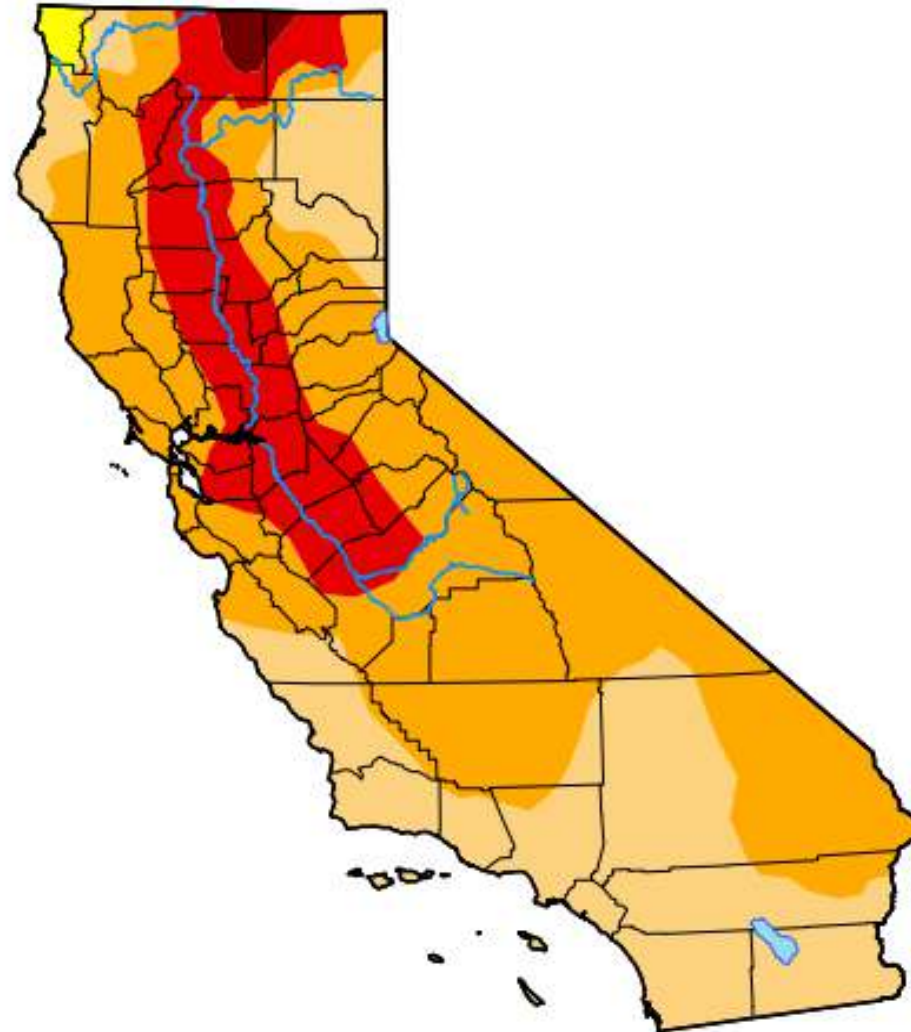
CA DROUGHT STATISTICS

Considering the significant rain and snowfall received across the State in December 2021, are we still in drought?

CA DROUGHT STATISTICS

U.S. Drought Monitor California

January 4, 2022
(Released Thursday, Jan. 6, 2022)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.30	87.62	16.60	0.84
Last Week 12-28-2021	0.00	100.00	100.00	86.28	32.93	0.84
3 Months Ago 10-05-2021	0.00	100.00	100.00	93.93	87.88	45.66
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	87.62	16.60	0.84
Start of Water Year 09-28-2021	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago 01-05-2021	0.00	100.00	95.20	74.34	33.84	1.19

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:

Richard Tinker
CPC/NOAA/NWS/NCEP

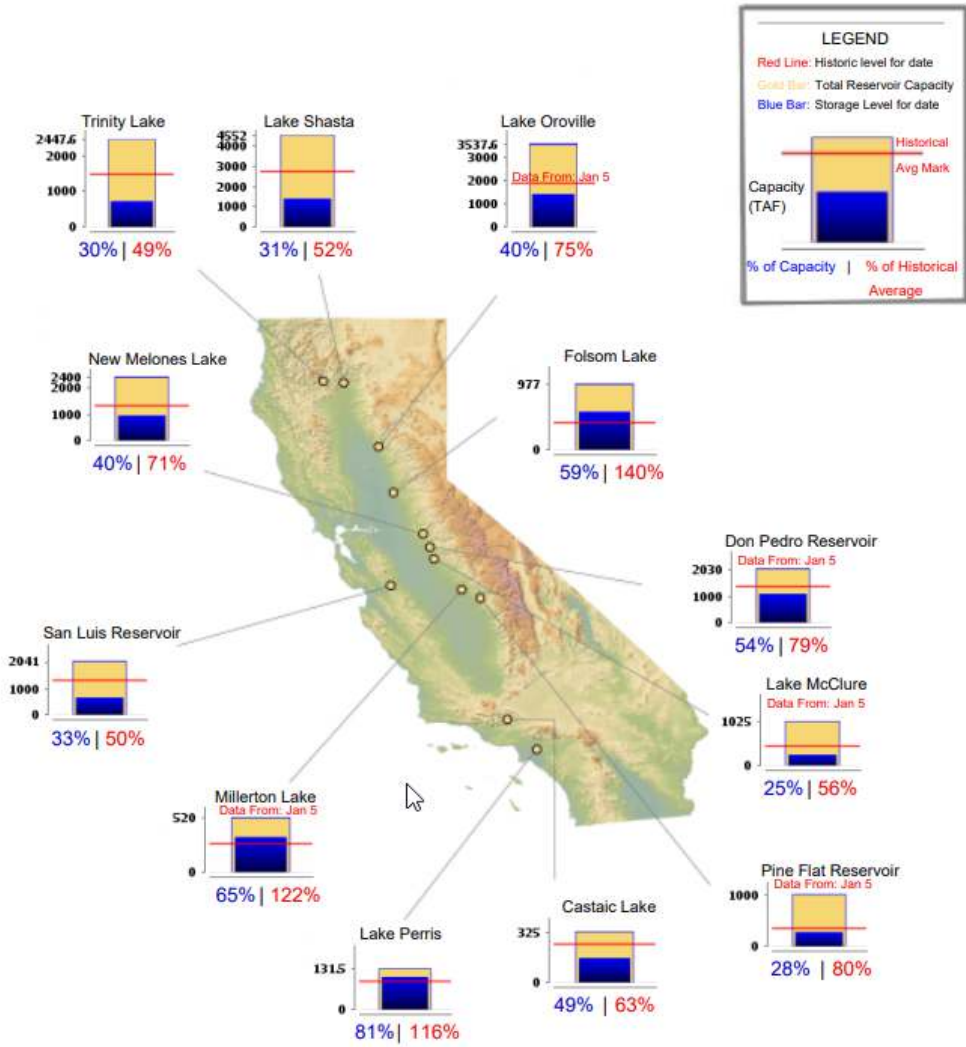


droughtmonitor.unl.edu

CA DROUGHT STATISTICS

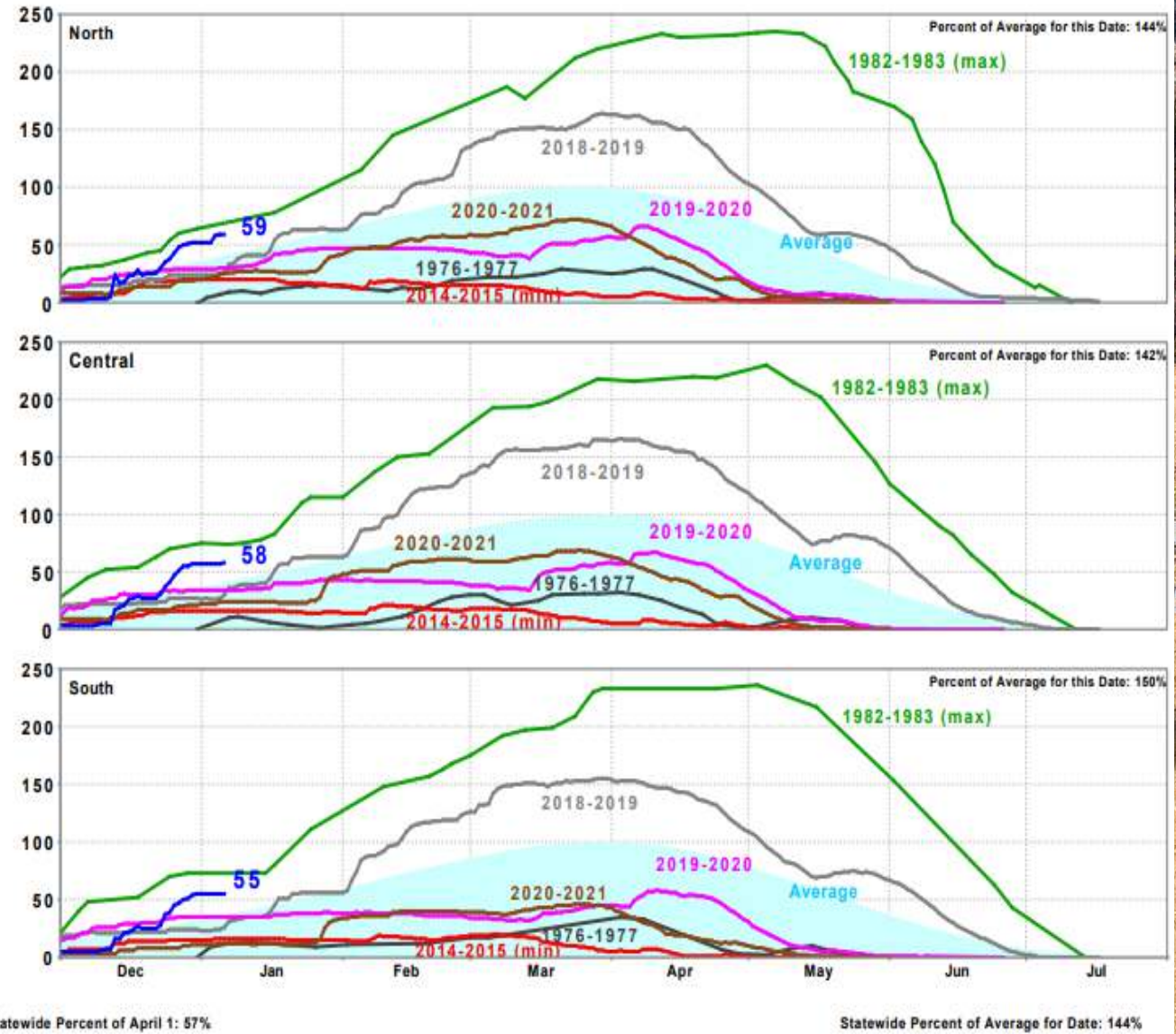
SELECTED WATER SUPPLY RESERVOIRS

Midnight: January 6, 2022

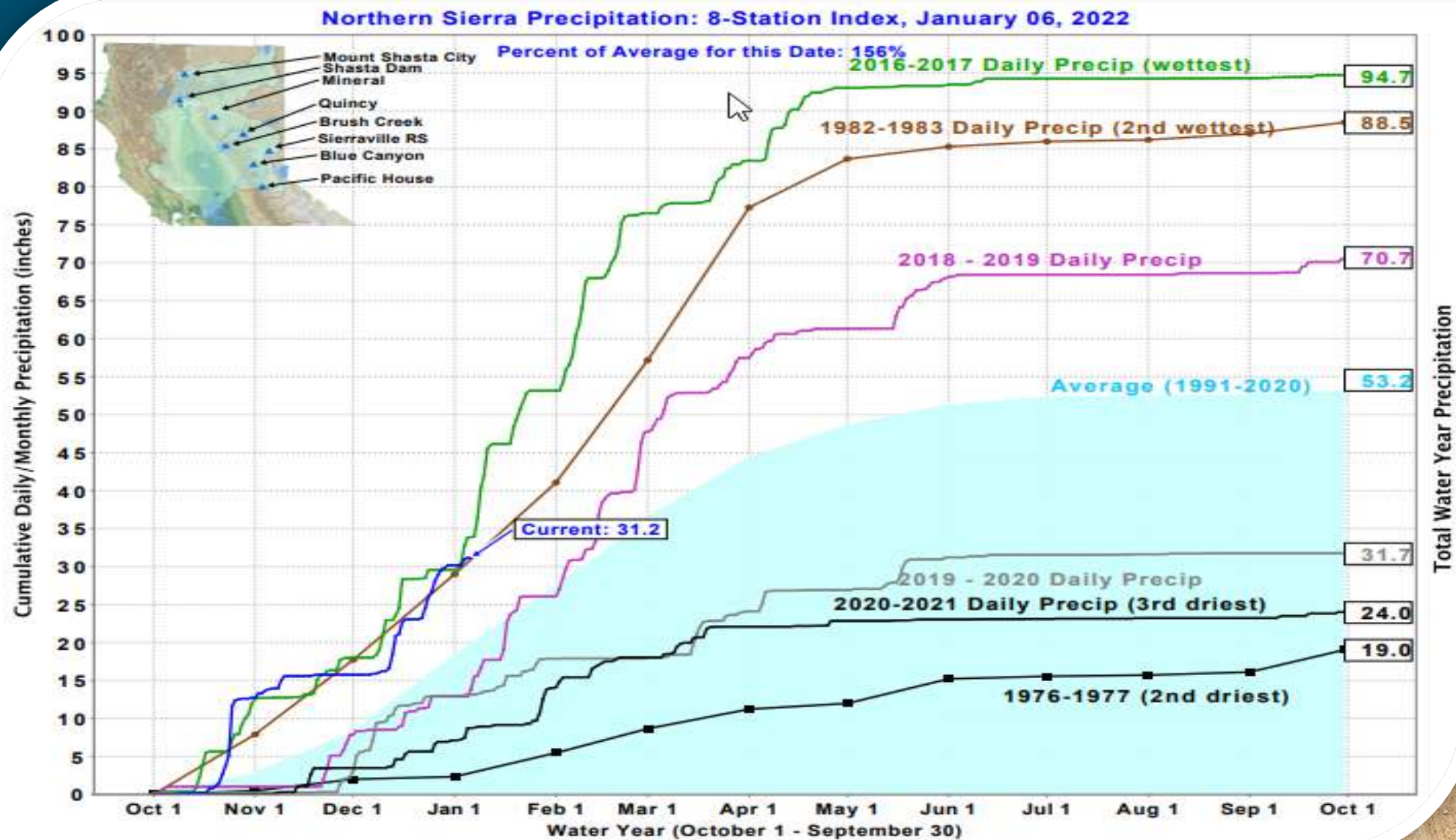


Updated 01/07/2022 07:48 AM

California Snow Water Content, January 6, 2022, Percent of April 1 Average



CA DROUGHT STATISTICS





CA DROUGHT STATISTICS

Year to date rain and snowfall is welcome and provides much needed relief. However, 100% of California remains in drought.



REGULATORY STATUS

STATE & LOCAL

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)
4. September 21-22 (State Water Resources Control Board Monthly Reporting)
5. October 19, 2021 (Drought Emergency Extended to Include All Counties)
6. **January 4, 2021 (SWRCB Adopts Emergency Regulations)**

2. SCV WATER – WATER SHORTAGE CONTINGENCY PLAN/WATER CONSERVATION AND WATER SUPPLY SHORTAGE ORDINANCE

1. 11/16/2021 (SCV Water Enacts Stage 1 WSCP and Ordinance)
2. Conservation Program Uptake Increasing
3. Drought Communication & Engagement Enhancements



DROUGHT
READY
SCV



LOCAL DROUGHT STATISTICS

EVAPOTRANSPIRATION, PRECIPITATION,
TEMPERATURES

LOCAL DROUGHT STATISTICS

LOCAL ET & PRECIPITATION

*CIMIS 204



Evapotranspiration (2020 v. 2021)

- Current Month → -47.0%
- Year to Date → *0.2%



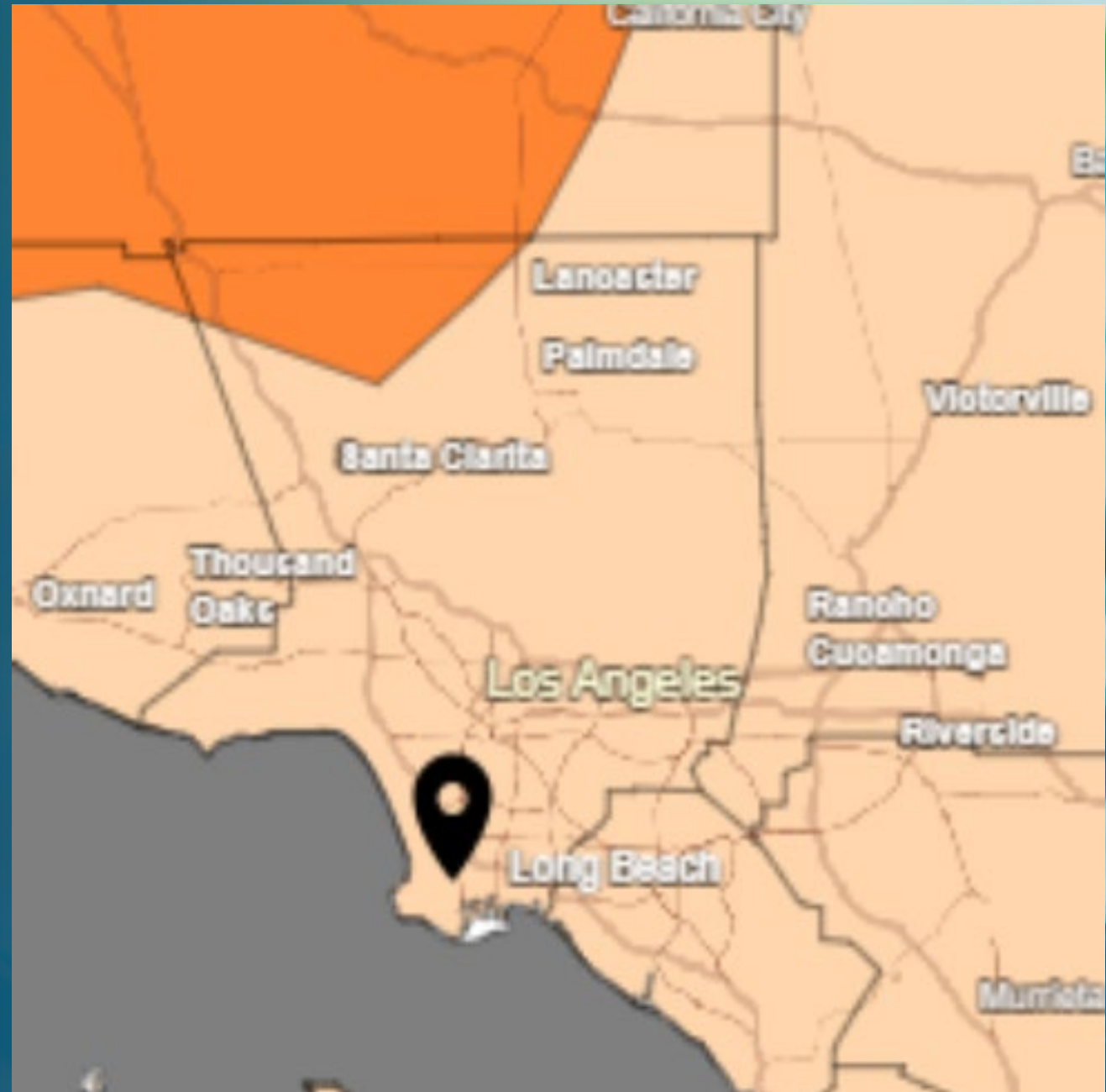
Precipitation (2020 v. 2021)

- Current Month → 6.62"
- Year to Date → +20.0%



Temperatures (Days > 80°)

- December 2020 → NA
- December 2021 → 7



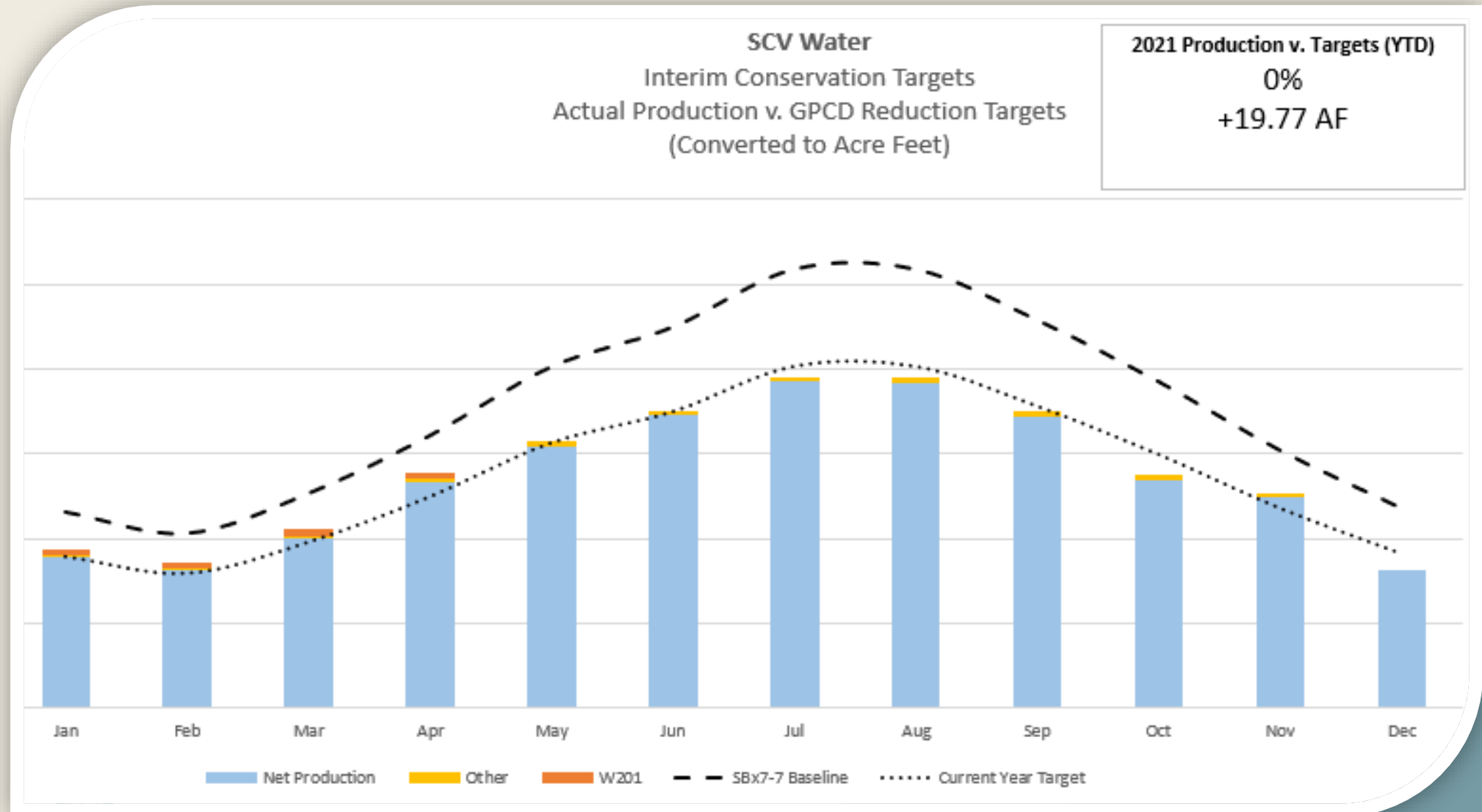


SCV WATER DEMAND PERFORMANCE

**NORMAL CONSERVATION & DROUGHT RESPONSE
TARGETS**

INTERIM CONSERVATION TARGET – PERFORMANCE

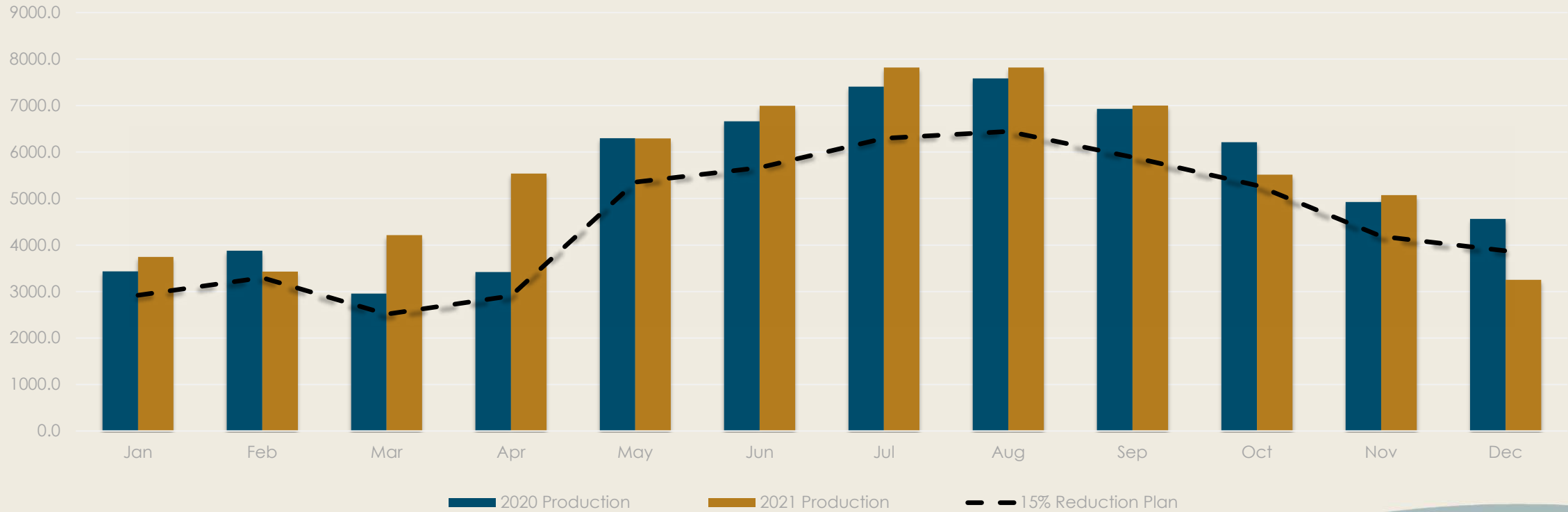
INTERIM WATER CONSERVATION TARGET (22% BY 2021)



DROUGHT CONSERVATION TARGET

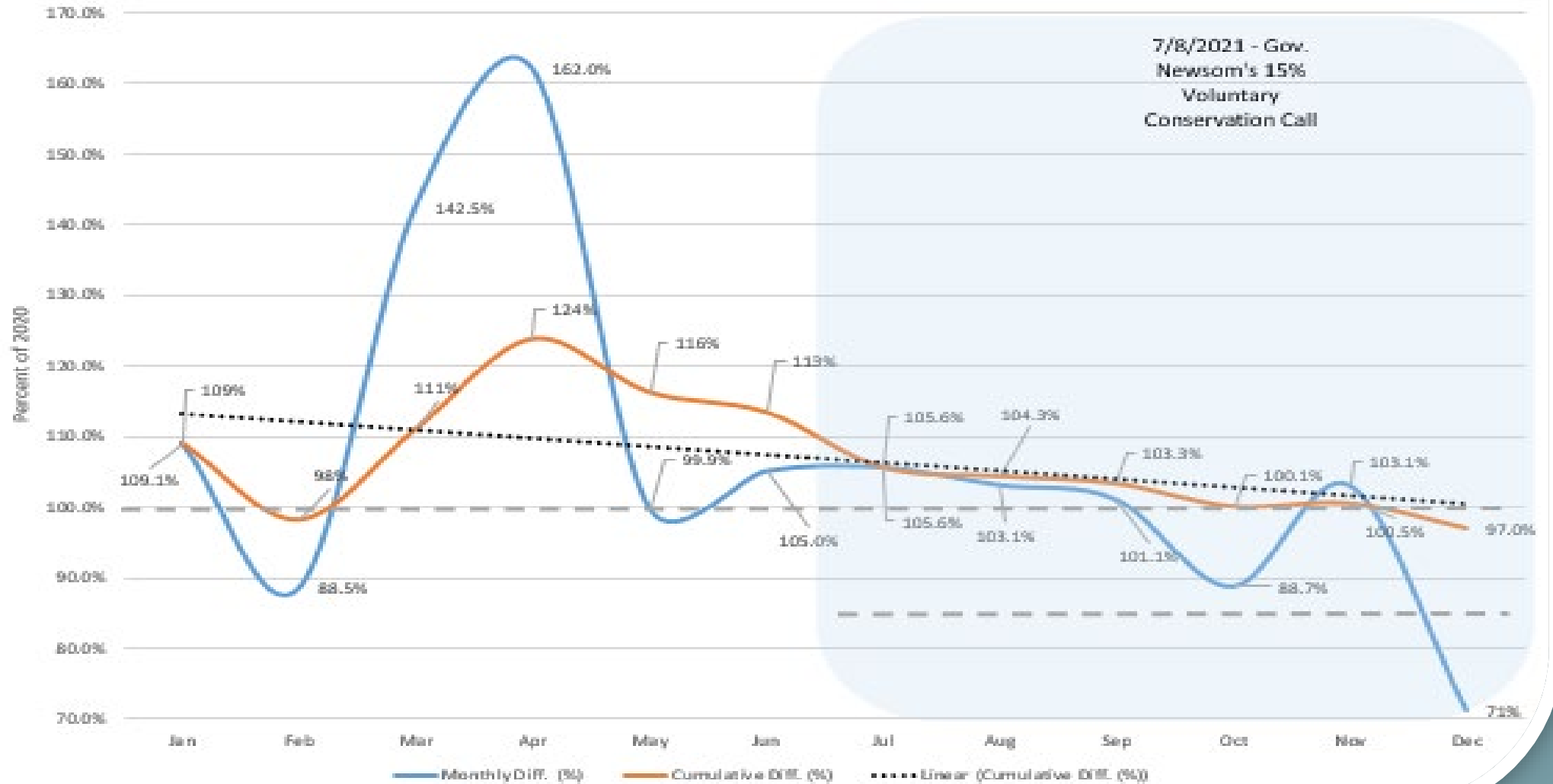
VOLUNTARY DROUGHT CONSERVATION TARGET (15% V. 2020)

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



DROUGHT CONSERVATION TARGET

SCV Water
Drought Conservation Performance
(vs. 2020)



DROUGHT CONSERVATION TARGET

SCV Water (Monthly Progress)

Progress Towards 15% Savings

Region Type: Hydrologic Region | Select months: (Multiple values)

Region	#	September	October	November	Cumulative
Central Coast		-3.9%	-11.8%	-12.5%	-6.8%
Colorado River		-4.0%	-9.1%	-1.0%	-3.7%
North Coast		-13.0%	-23.2%	-25.9%	-20.7%
North Lahontan		-13.1%	-25.1%	-19.5%	-11.0%
Sacramento River		-3.4%	-18.7%	-23.9%	-9.3%
San Francisco Bay		-7.5%	-16.9%	-20.2%	-12.3%
San Joaquin River		0.9%	-13.0%	-17.5%	-5.7%
South Coast		-4.2%	-12.1%	0.8%	-3.8%
South Lahontan		-5.5%	-13.7%	-2.5%	-4.5%
Tulare Lake		2.3%	-7.2%	-9.8%	-3.3%
Statewide		-3.9%	-13.3%	-6.8%	-6.0%

Month	Diff. (%)	Cum. (%)
Jul.	+5.6%	+5.6%
Aug.	+3.1%	+4.1%
Sep.	+1.1%	+3.3%
Oct.	-11.3%	+0.1%
Nov.	+3.1%	+0.5%
Dec.	-29.0%	-3.0%

Source: State Water Resources Control Board (1/6/2022)



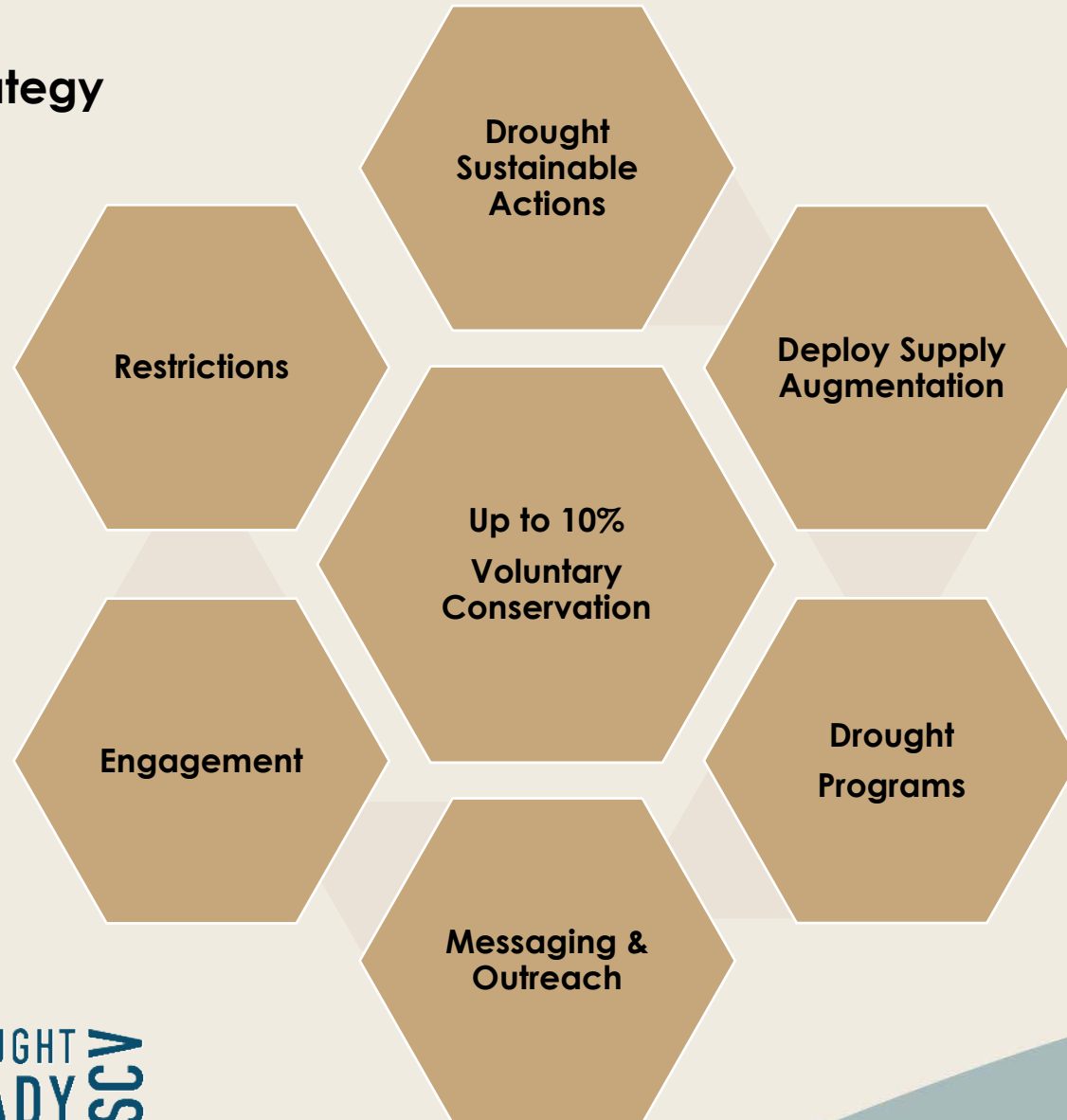


SCV WATER DROUGHT READY

DROUGHT RESPONSE & COMMUNITY LEADERSHIP

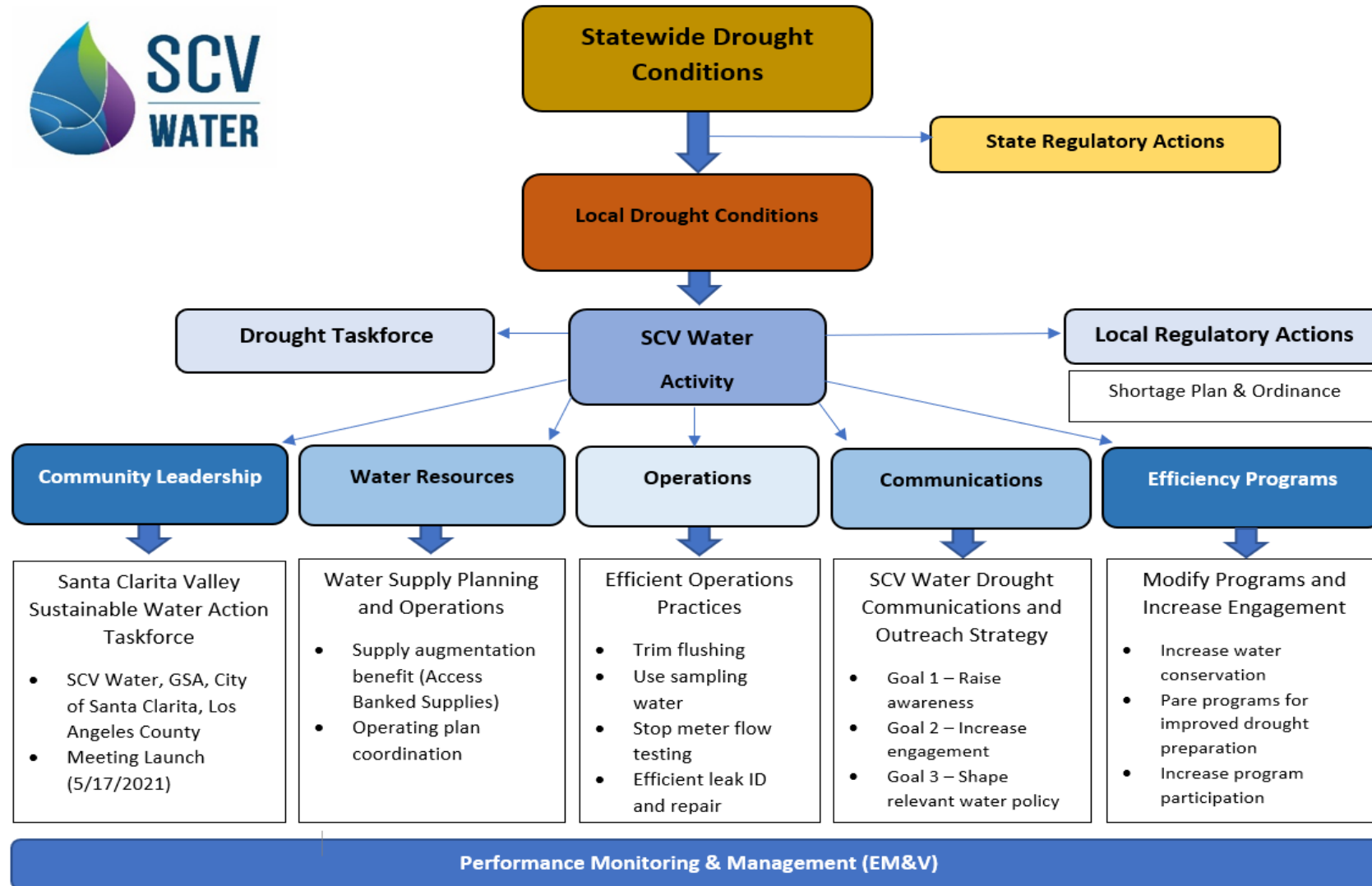
SCV WATER – WSCP & ORDINANCE

WSCP Level 1 Strategy



**DROUGHT
READY
SCV**

WSCP STAGE 1 – DROUGHT SUSTAINABLE ACTIONS



WSCP STAGE 1 – DROUGHT PROGRAMS

Programs:

- Drought Ready Check-Ups
- Lawn Replacement Rebates
- Smart Controller Rebates
- HELP Rebates (HE Irrigation Improvements)
- Drip Conversion Rebates
- Irrigation Check-Ups
- Online Workshops
- Education Classes



Drought Ready Home Check-Up

SCV Water now offers its customers FREE Drought Ready Home Check-ups that focus on drought preparation, leak detection and irrigation performance.

Inspections include outdoor areas only (i.e. landscaped areas, garage and/or porch).

SCHEDULE YOUR FREE CHECK-UP TODAY

Call WaterWise Consulting, Inc. at (888) 987-9473

The check-up will take about one hour and includes:

- Irrigation system evaluation
- Leak inspection
- Water efficiency kit (*high-efficiency faucet aerators, showerheads, toilet flapper and leak detection tablets, automatic shutoff hose nozzles, and more. Actual products may vary.*)
- Push broom
- Shower timer
- Moisture meter
- Resources to help you prepare for continued and intensifying drought conditions

Check-ups are conducted by professional representatives trained in water use efficiency and irrigation smart practices.

For more information visit
conserve.yourSCVwater.com

Call: (661) 513-1244 | Email: conservation@scwwa.org



WSCP STAGE 1 – RESTRICTIONS

Restrictions:

- Allowing Runoff
- Washing cars without hose nozzle
- Using water to wash down sidewalks, driveways, and hardscapes
- Irrigating during and within 48 hours of measurable rain (.25 inch)
- Using fountains without recirculating pump
- Watering turf on public medians





ON THE RADAR

THIRTY-TO-SIXTY-DAY OUTLOOK

ON THE RADAR

JAN 2022 – CONTINUED MONITORING AND EVALUATION

JAN 2022 – CASTAIC LAKE SHUTDOWN

JAN 2022 - DROUGHT MAILER

FEB/MAR 2022 - DROUGHT READY VIDEOS

MAR 2022 - LRP 2.0 LAUNCH





Q&A

SCV WATER DROUGHT RESPONSE AND DEMAND PERFORMANCE