

ABOUT THE DROUGHT

STATUS OF DROUGHT RESPONSE AND PERFORMANCE

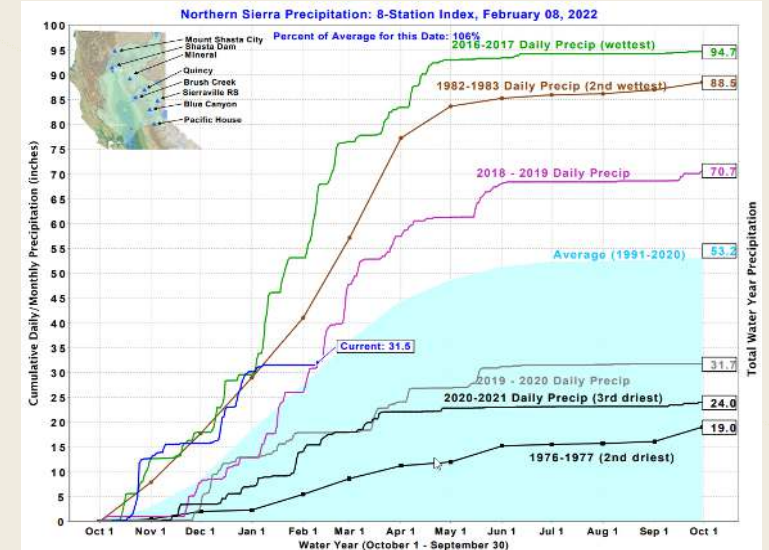
MATTHEW DICKENS, MPA
SUSTAINABILITY MANAGER



Water Resources and Watershed Committee
February 9, 2022
Item No. 4.2

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



Northern Sierra Precipitation Index (2/8/2022)





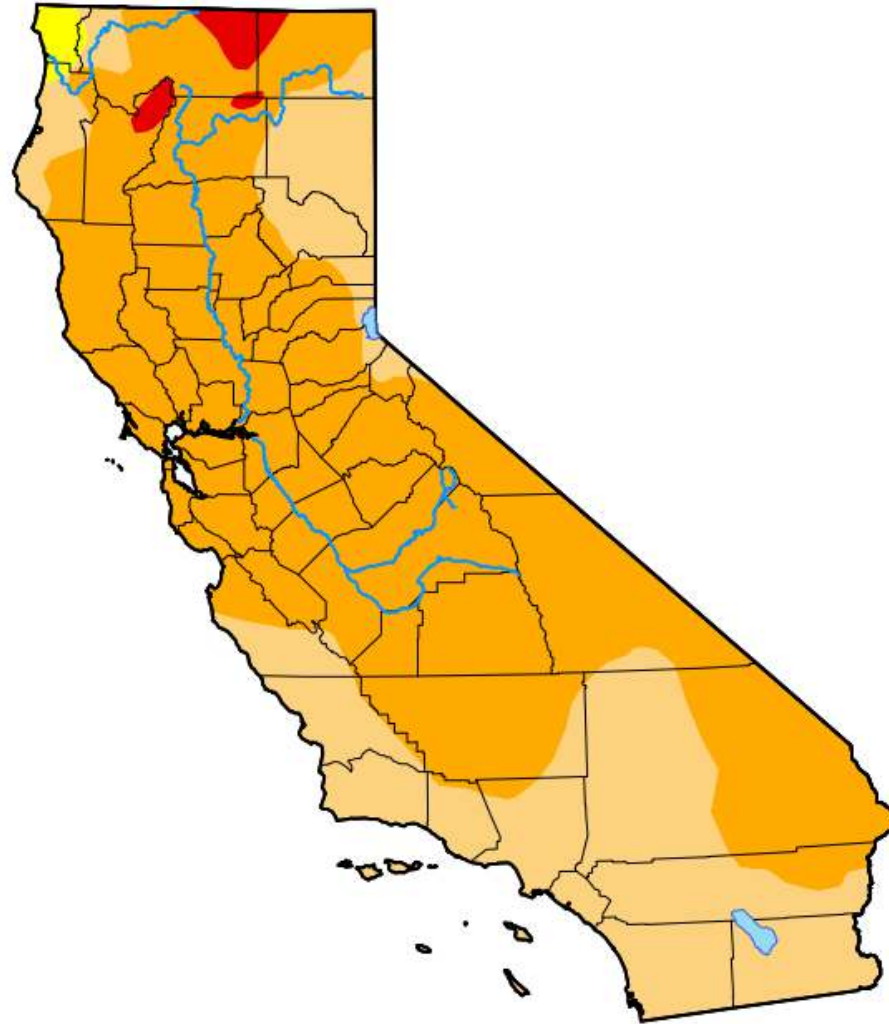
CA DROUGHT STATISTICS

DROUGHT STATUS

CA DROUGHT STATISTICS

U.S. Drought Monitor California

February 1, 2022
(Released Thursday, Feb. 3, 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	99.25	66.39	1.39	0.00
Last Week <i>01-25-2022</i>	0.00	100.00	99.25	66.39	1.39	0.00
3 Months Ago <i>11-02-2021</i>	0.00	100.00	100.00	93.81	83.33	38.74
Start of Calendar Year <i>01-04-2022</i>	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year <i>09-28-2021</i>	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago <i>02-02-2021</i>	0.00	100.00	85.99	58.44	31.65	3.75

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

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

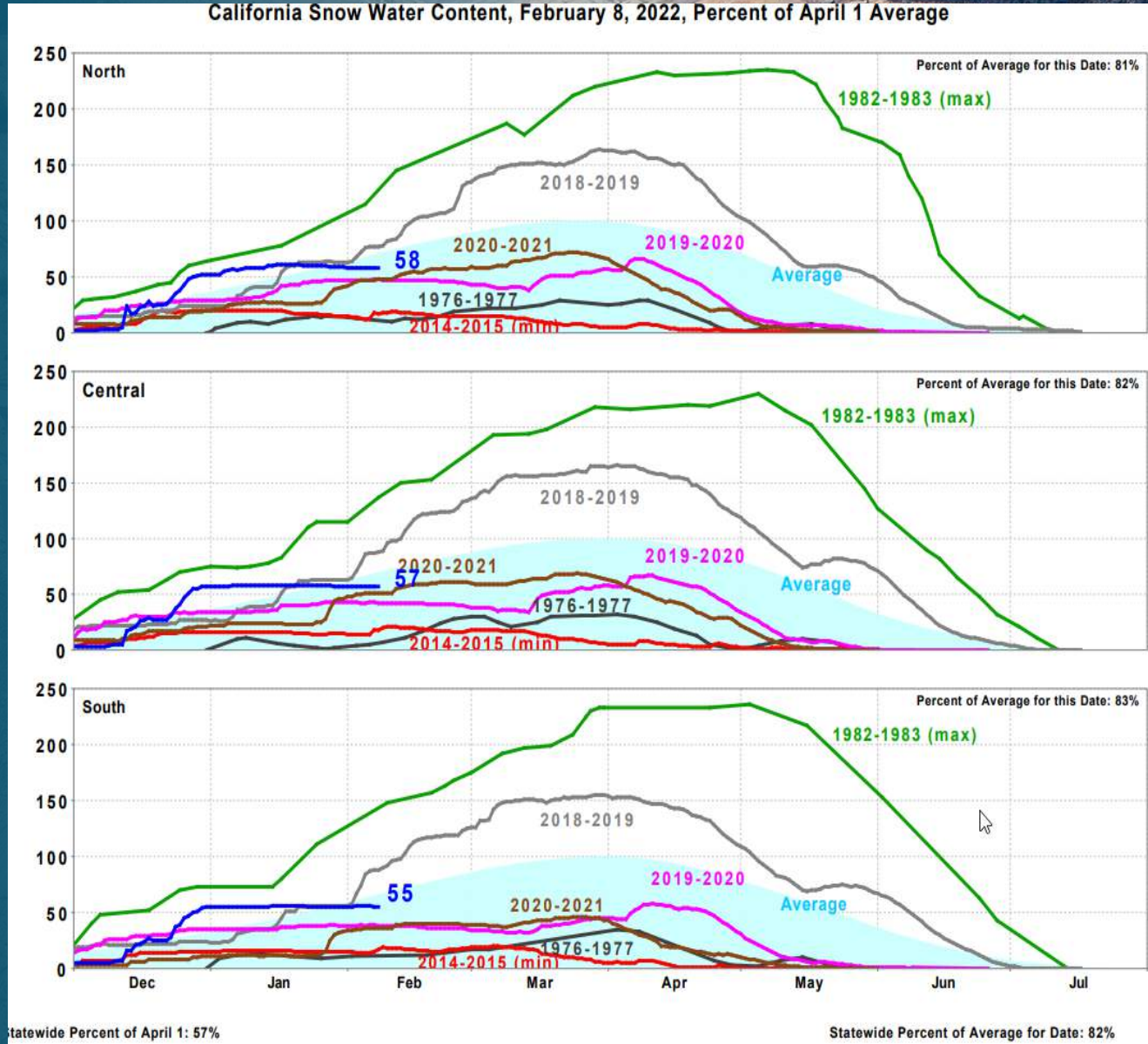
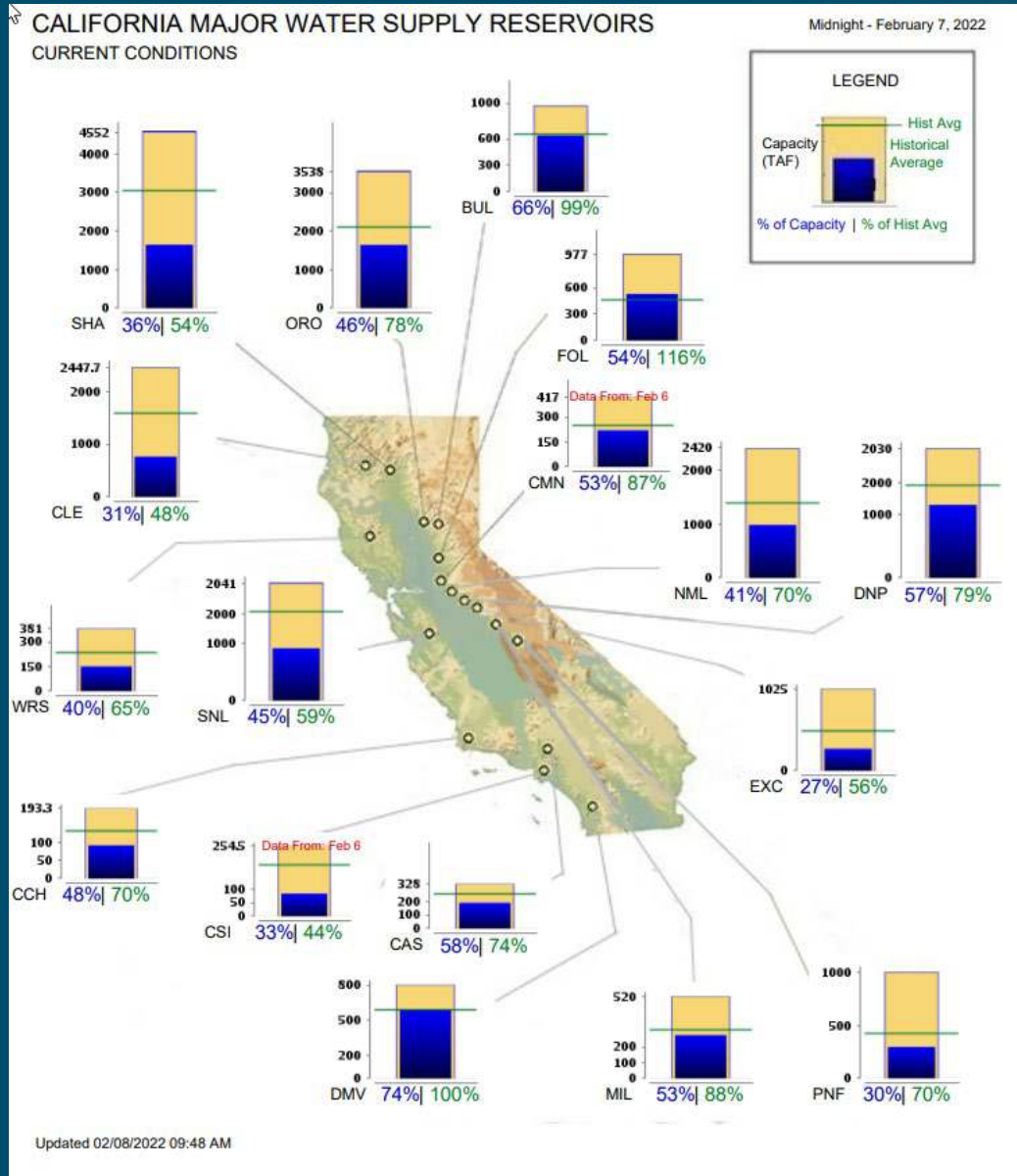
Author:

Curtis Riganti
National Drought Mitigation Center

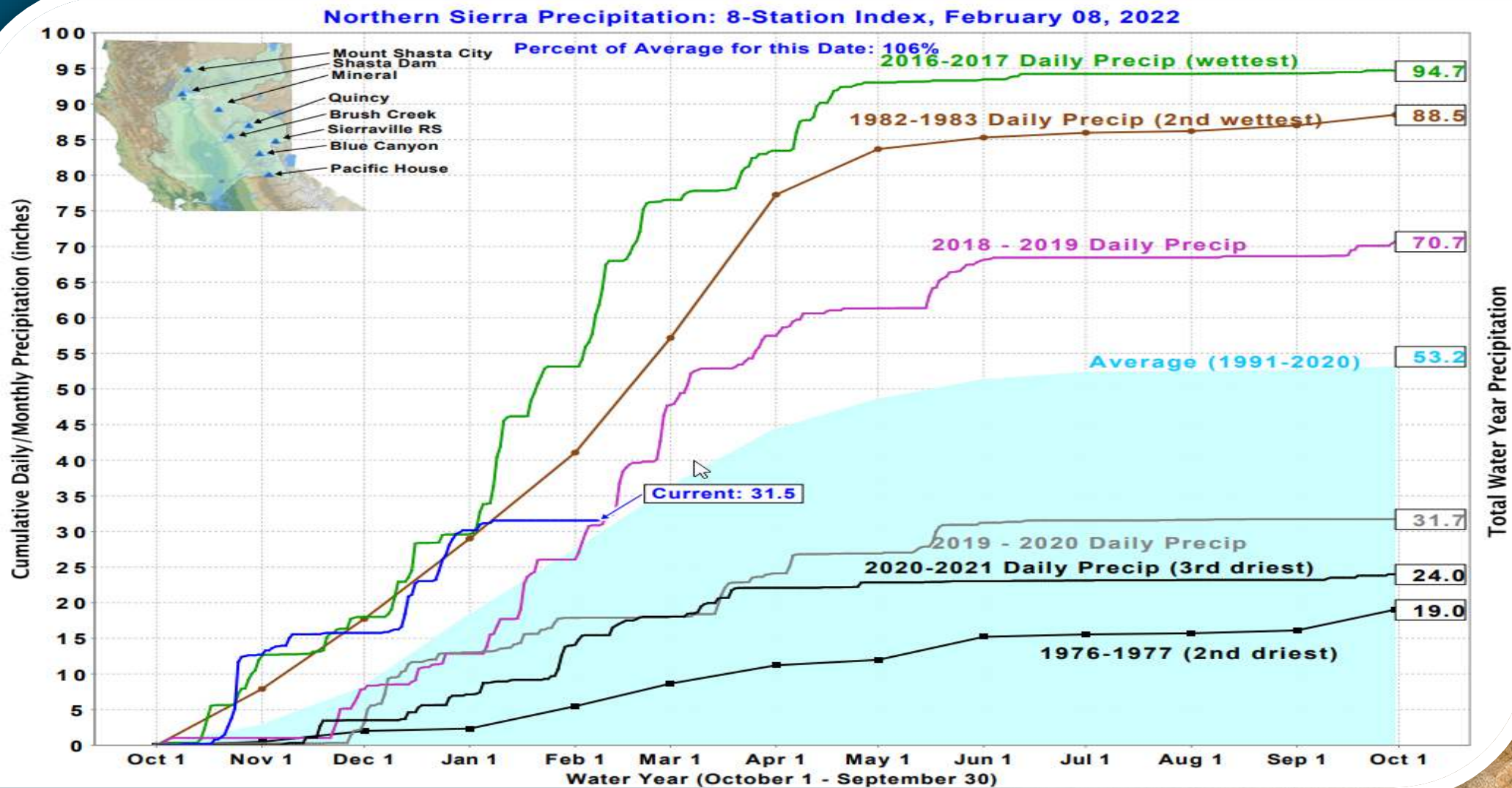


droughtmonitor.unl.edu

CA DROUGHT STATISTICS



CA DROUGHT STATISTICS





REGULATORY STATUS

STATE & LOCAL

REGULATORY UPDATES



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)**

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





LOCAL DROUGHT STATISTICS

EVAPOTRANSPIRATION, PRECIPITATION,
TEMPERATURES

LOCAL DROUGHT STATISTICS

LOCAL ET & PRECIPITATION

*CIMIS 204



Evapotranspiration (2022 v. 2020)

- Current Month → +19%
- Year to Date → +19%



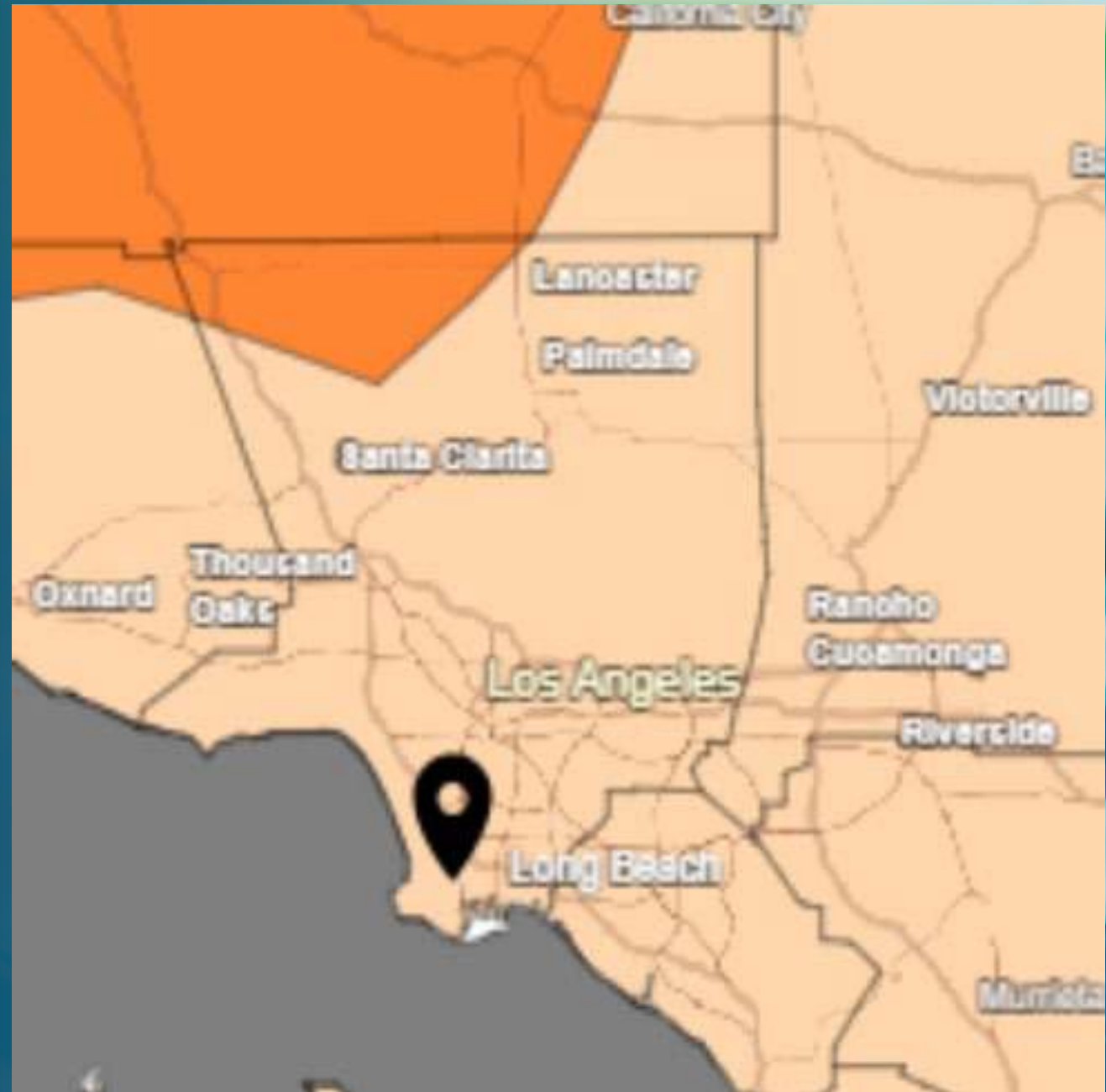
Precipitation (2022 v. 2020)

- Current Month → 0.19"
- Year to Date → -34%



Temperatures (Avg. Max Air Temp)

- January 2022 → 67.9
- January 2020 → 67.5



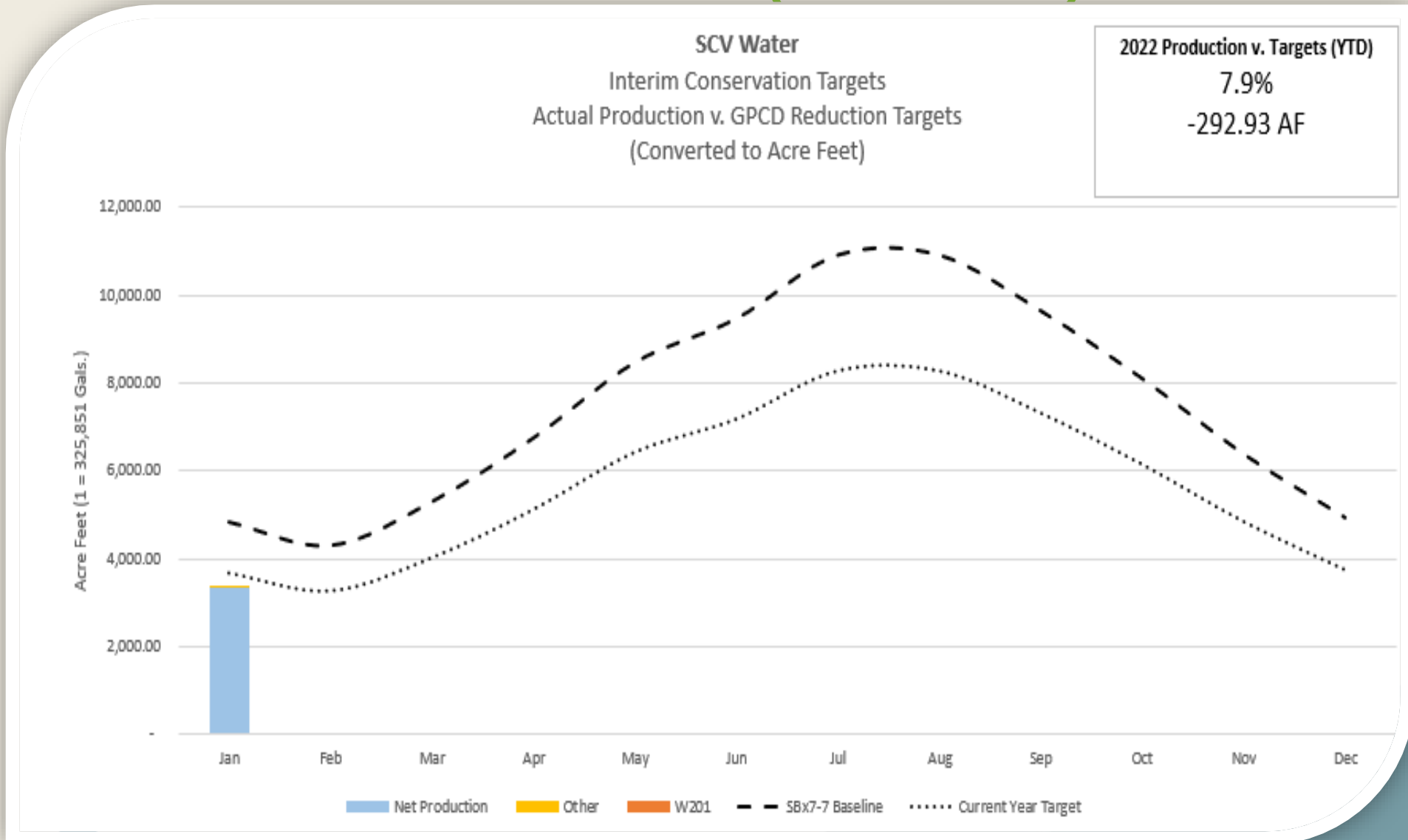


SCV WATER DEMAND PERFORMANCE

**NORMAL CONSERVATION & DROUGHT RESPONSE
TARGETS**

INTERIM CONSERVATION TARGET – PERFORMANCE

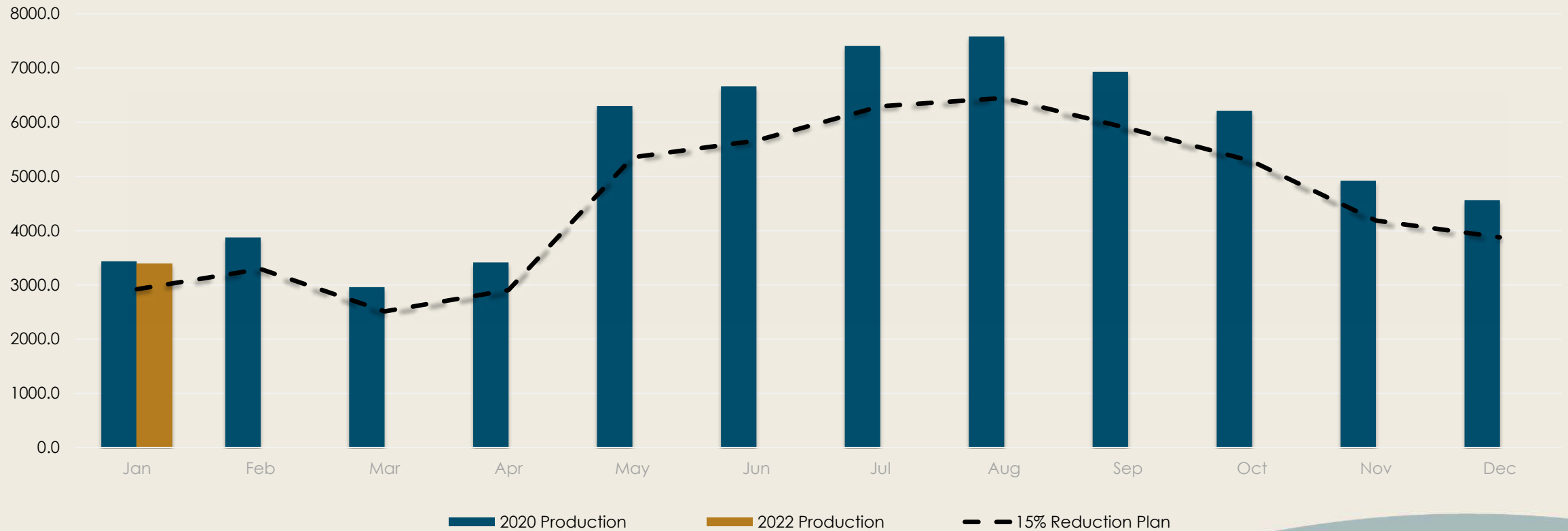
INTERIM WATER CONSERVATION TARGET (24% BY 2022)



DROUGHT CONSERVATION TARGET

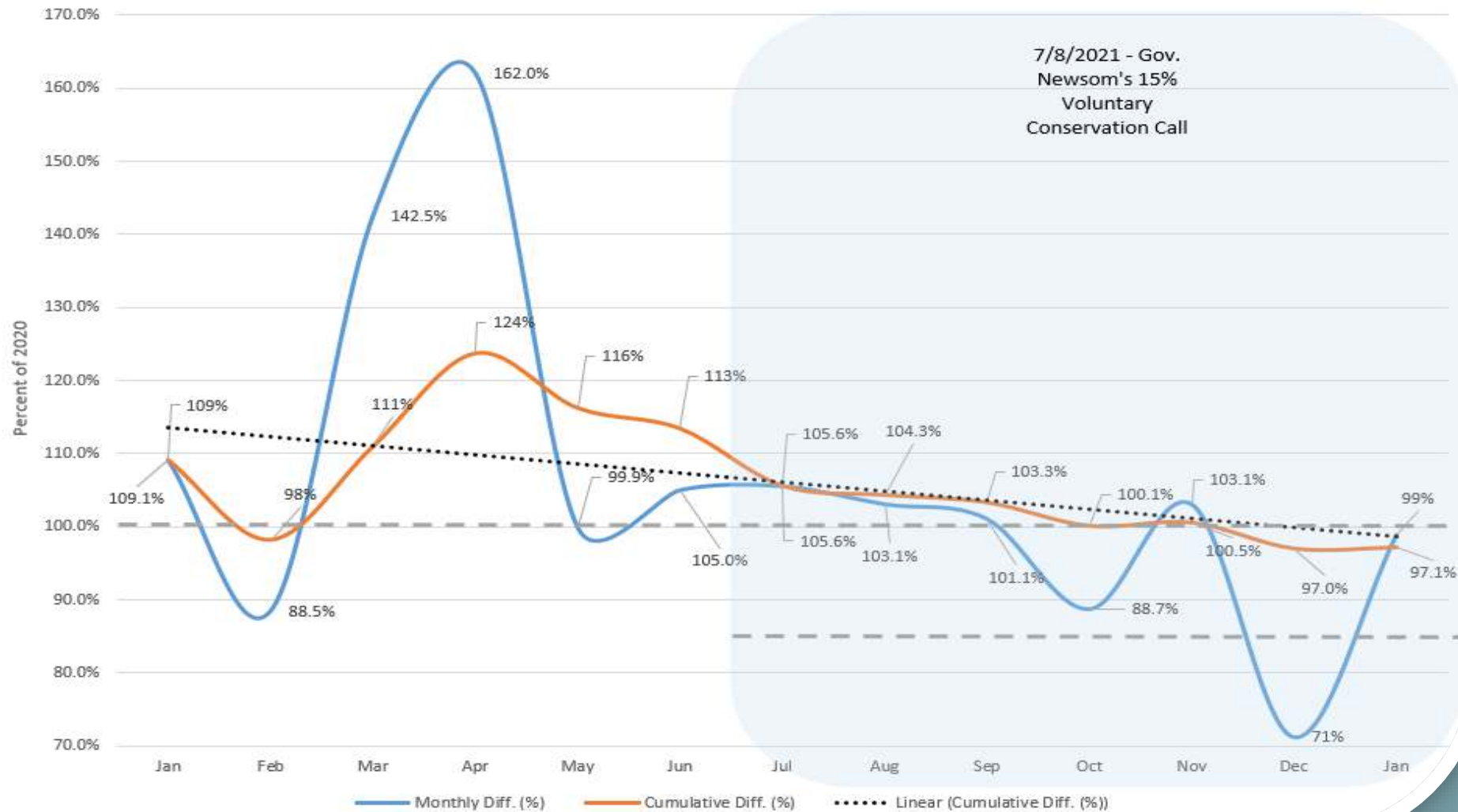
VOLUNTARY DROUGHT CONSERVATION TARGET (15% V. 2020)

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



DROUGHT CONSERVATION TARGET

SCV Water
Drought Conservation Performance
(vs. 2020)



DROUGHT CONSERVATION TARGET

Progress Towards 15% Savings

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

Region	1/2	October	November	December	Cumulative
Central Coast		-11.8%	-12.4%	-15.5%	-7.9%
Colorado River		-9.1%	-1.0%	-5.5%	-3.9%
North Coast		-23.2%	-24.3%	-8.1%	-19.2%
North Lahontan		-25.1%	-16.8%	-9.9%	-10.4%
Sacramento River		-18.7%	-27.0%	-13.4%	-10.1%
San Francisco Bay		-16.9%	-20.1%	-12.9%	-12.5%
San Joaquin River		-13.0%	-17.8%	-11.7%	-6.2%
South Coast		-12.2%	0.7%	-18.3%	-5.9%
South Lahontan		-13.7%	-2.5%	-24.5%	-7.0%
Tulare Lake		-7.2%	-9.7%	-14.8%	-4.9%
Statewide		-13.3%	-7.2%	-16.2%	-7.4%

SCV Water (Monthly Progress)

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%
Jan.	-1.1%	-2.9%

Source: State Water Resources Control Board (2/8/2022)





SCV WATER DROUGHT READY

DROUGHT RESPONSE & COMMUNITY LEADERSHIP

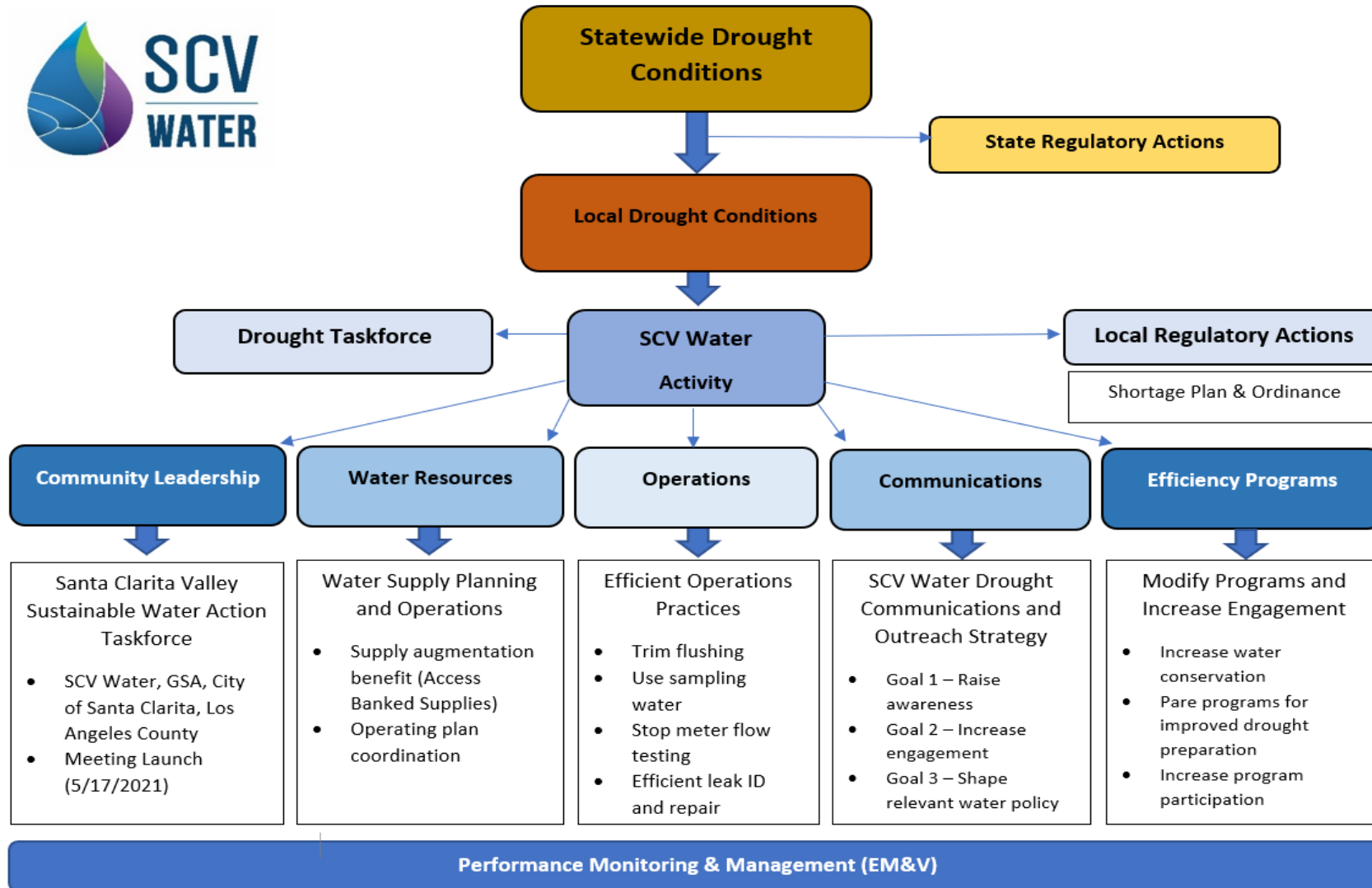
SCV WATER – WSCP & ORDINANCE

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 SCV.COM**



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

Restricted Activities:

- 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

FEB 2022 – DROUGHT MAILER

MAR 2022 – LRP 2.0 LAUNCH

APR/MAY 2022 – DROUGHT VIDEOS





Q&A

SCV WATER DROUGHT RESPONSE AND DEMAND PERFORMANCE