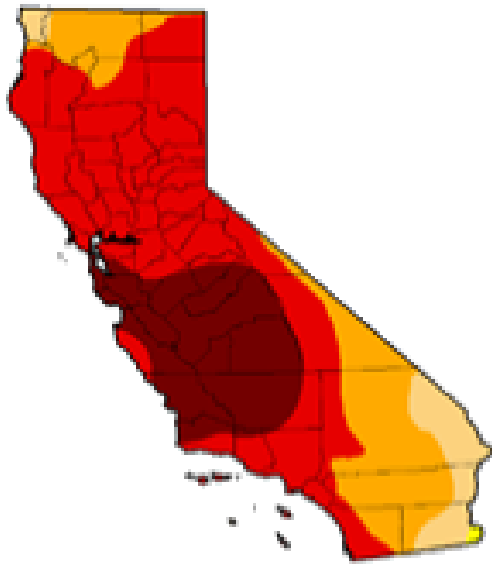


# Proposed Updates to Water Shortage Contingency Plan

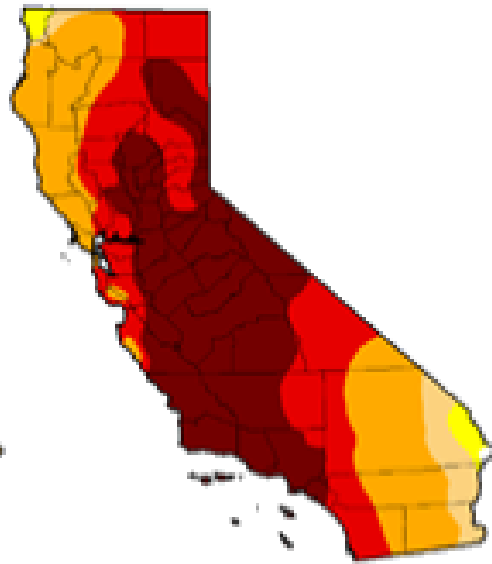
May 17, 2023

# Water Shortage Contingency Plan

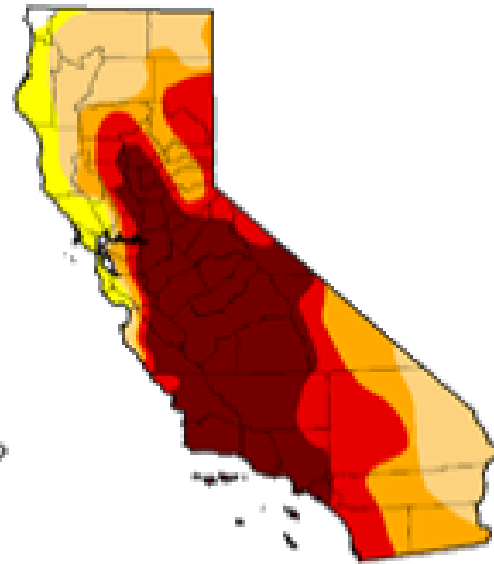
- Required by CA Water Code
  - Prepare for water shortages
  - Defines response actions
- Last drought ending 2016
  - State mandated conservation targets
  - “Conservation as a way of life”
  - 6 standard shortage levels



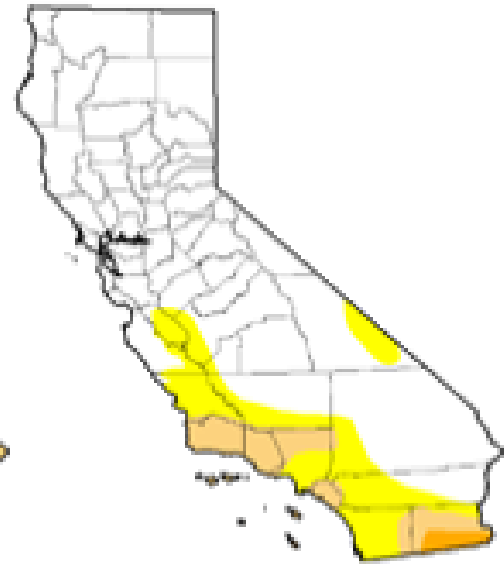
March 2014



March 2015



March 2016



March 2017

# Conservation as a Way of Life

- Excessive water loss through leaks
- Excessive runoff from irrigation
- Irrigating between 9AM-4PM
- Irrigating within 48 hours of rain
- Washing hardscape without a pressurized device
- Washing vehicle using a hose without a shut-off nozzle
- Conveyor type car wash system that does not recirculate water
- Operating fountain or water feature that does not re-circulate the water
- Commercial laundry system that does not recirculate water
- Hotel/motel failing to provide option of not laundering linens daily
- Commercial food preparation using pre-rinse spray valves >1.5 gpm
- Single-pass cooling systems
- Using potable water when reclaimed water is a cost-effective alternative

# Existing Shortage Plan

Shortage Stage	Crosswalk to 6 required levels	
Non-Shortage Conditions	≤10%	1
Imminent Water Supply Shortage	Up to 20%	2
Stage 1 Shortage		
Stage 2 Shortage	Up to 30%	3
	Up to 40%	4
Stage 3 Shortage (actions undefined)	Up to 50%	5
		6

# Proposed Shortage Plan Update

Shortage Stage	Irrigation: Residential and Commercial	Irrigation: Golf Courses	Irrigation: Schools and Parks	Recycled Water	Pools, Spas, and Water Features	Leaks	Other
Stage 1 (10%)							
Stage 2 (20%)							
Stage 3 (30%)							
Stage 4 (40%)							
Stage 5 (50%)							
Stage 6 (>50%)							



# Irrigation Rules

Shortage Stage	Irrigation: Residential and Commercial	Irrigation: Golf Courses	Irrigation: Schools and Parks	Recycled Water
<b>Stage 1 (10%)</b>	Tue/Thu/Sat 10 minutes/station			
<b>Stage 2 (20%)</b>	Summer: Tue/Thu/Sat Winter: Tue/Sat			
<b>Stage 3 (30%)</b>	Tue/Sat	Reduce by 10%	Reduce by 10%	
<b>Stage 4 (40%)</b>	Tue	Reduce by 30%, or only fairways/greens	Reduce by 30%	
<b>Stage 5 (50%)</b>	Only hand watering trees and food crops	Reduce by 50%, or only greens	Reduce by 50%	
<b>Stage 6 (&gt;50%)</b>	No irrigation	No irrigation	No irrigation	No irrigation



# Other Actions

Shortage Stage	Pools, Spas, and Water Features	Leaks	Other	Communication Plan
Stage 1 (10%)				Stage 1
Stage 2 (20%)	Cover commercial spas and pools when not in use	Fix within 72 hours		Stage 2
Stage 3 (30%)	No new pool/spa permits No draining/refilling pools No filling/refilling fountains			Stage 3
Stage 4 (40%)	No topping off pools/spas	Fix within 48 hours	Cars washed only at commercial facilities	Stage 4
Stage 5 (50%)			Hardscape washing only for public health and safety	Stage 5
Stage 6 (>50%)		Fix within 24 hours	Only water uses for public health and safety	Stage 6

# Notice of Violation Charge

# Violations	First		Second		Third		Fourth	
	Old	New	Old	New	Old	New	Old	New
No Shortage	\$30	<b>\$25</b>	\$100	<b>\$50</b>	\$200	<b>\$100</b>	\$300	Shut off
Stage 1	\$40	<b>\$50</b>	\$150	<b>\$100</b>	\$300	<b>\$200</b>	\$600	Shut off
Stage 2	\$50	<b>\$100</b>	\$200	<b>\$200</b>	\$400	<b>\$400</b>	\$800	Shut off
Stage 3	\$75	<b>\$200</b>	\$250	<b>\$400</b>	\$500	<b>\$800</b>	\$900	Shut off
Stage 4	\$100	<b>\$300</b>	\$300	<b>\$600</b>	\$600	<b>\$1,200</b>	\$1,000	Shut off
Stage 5	N/A	<b>\$400</b>	N/A	<b>\$800</b>	N/A	<b>\$1,600</b>	N/A	Shut off
Stage 6	N/A	<b>\$500</b>	N/A	<b>\$1,000</b>	N/A	<b>\$2,000</b>	N/A	Shut off



# Adoption Timeline

**May 17** *Board Meeting: Receive and File*

**June 8**  
*1. Public Hearing  
2. Adopt WSCP  
3. Update Rules/Regs  
4. Set shortage stage*

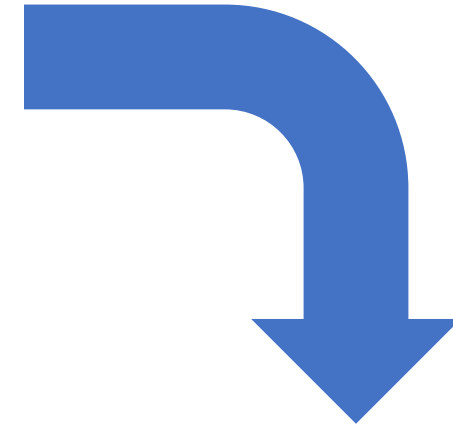
**June 18** *WSCP and shortage stage effective*

**May 22** *Public Notice: WSCP available for review and hearing*

**June 13** *Public Notice: WSCP update and shortage stage change*

# Improved Water Supply Conditions

- 100% State Water Project allocation
- Governor eased drought emergency
- Colorado River basin decisions delayed



Ease Long Beach shortage stage to which level...?

# Stage 1 and Stage 0

Shortage Stage	Irrigation Allowable Days	Irrigation Duration	Other Applicable Rules	Water Demand Impact
Non-Shortage	Any day		“At all times” rules	“0%” reduction
Stage 1	Tue/Thu/Sat	10 minutes per station	“At all times” rules	10% reduction



LONG BEACH  
**Utilities**  
Water · Gas · Sewer