



Public Hearing

for the City of Seal Beach's
Declaration of a Level 2 Water Supply Shortage

July 25, 2022

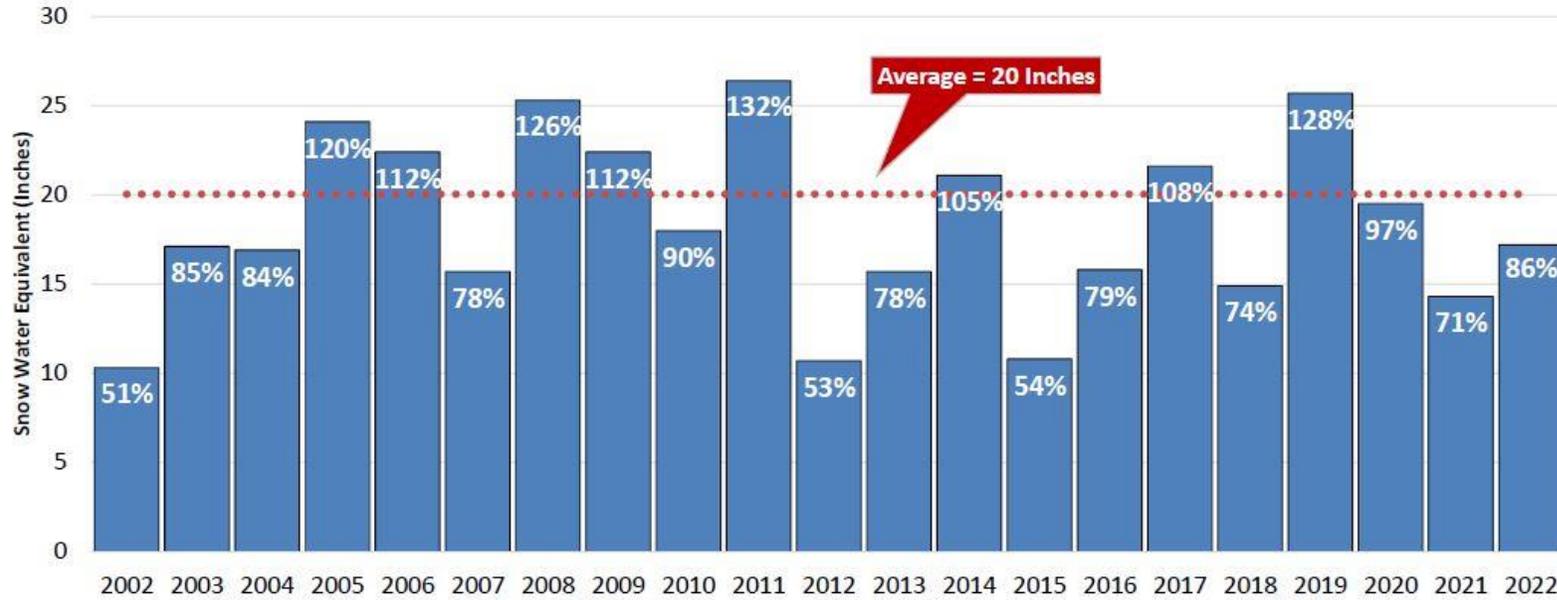


Drought Conditions

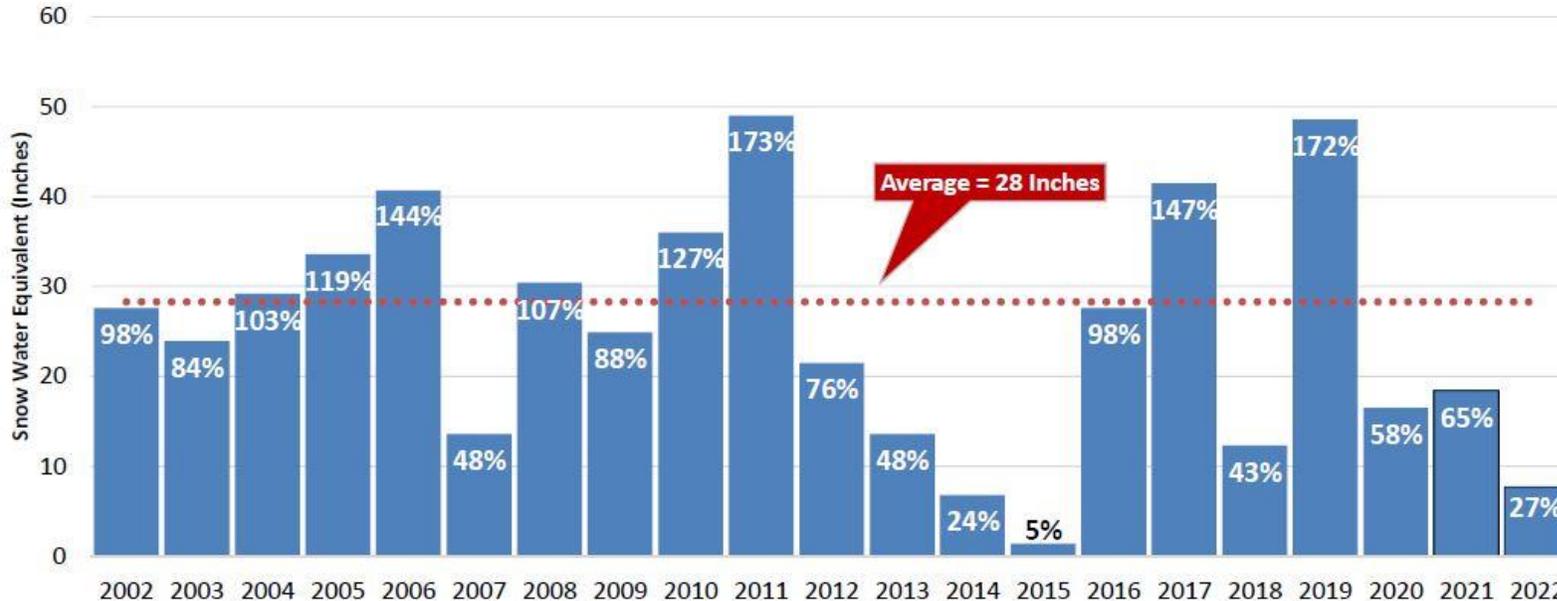
- As of July 2022:
 - *Water year* to date rainfall in Orange County is **7.43 inches**, which is **59% of normal**.
 - Northern California rainfall is **83% of normal**; (2021 was 48%, 2020 was 63%). Snowpack was **27% of normal**.
 - The Upper Colorado Basin rainfall was **97% of normal**. Snowpack was **86% of normal**.
 - Lake Mead and Lake Powell combined have about **37% of their average storage volume and 27.1% of their total capacity**.
 - For the first time on the Colorado River, Lake Mead's levels have fallen below the "trigger" limit of 1,075 ft. (as of early July **Lake Mead is at 1,043 ft.**).



Historical Colorado Basin April 15th Peak Snow Water Equivalent

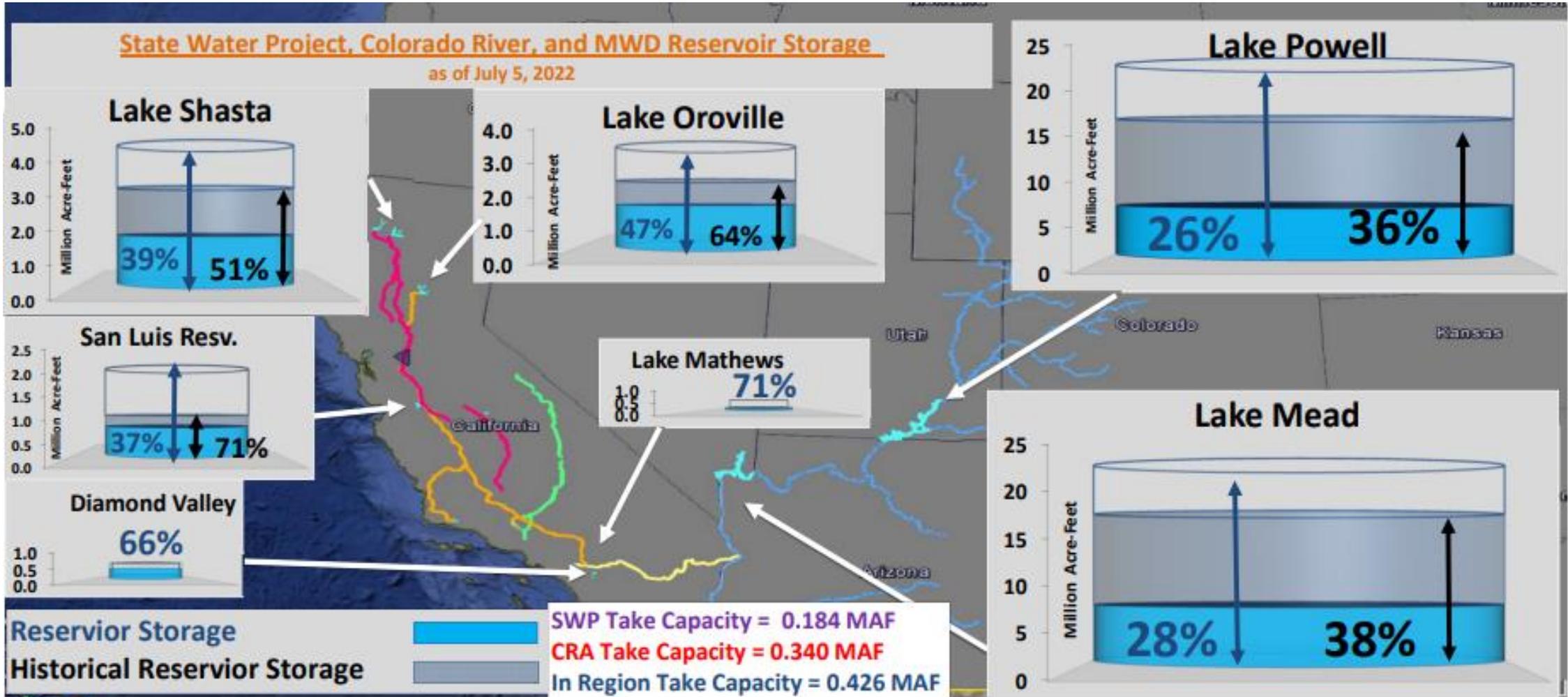


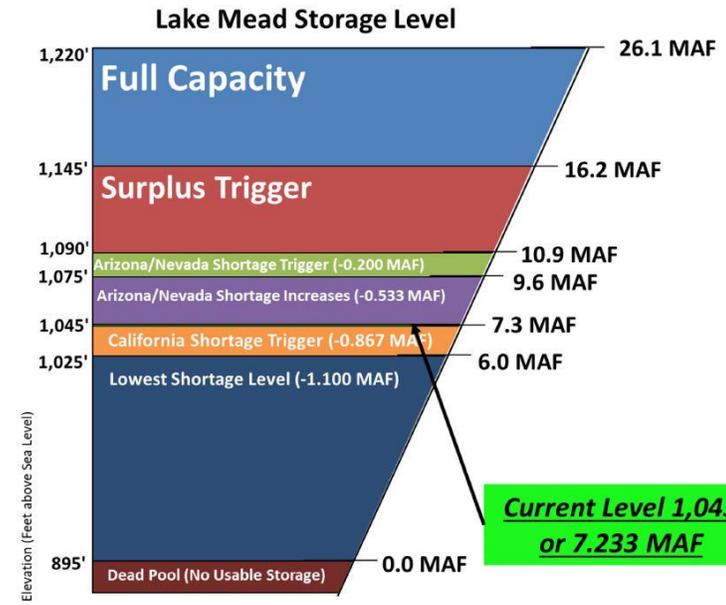
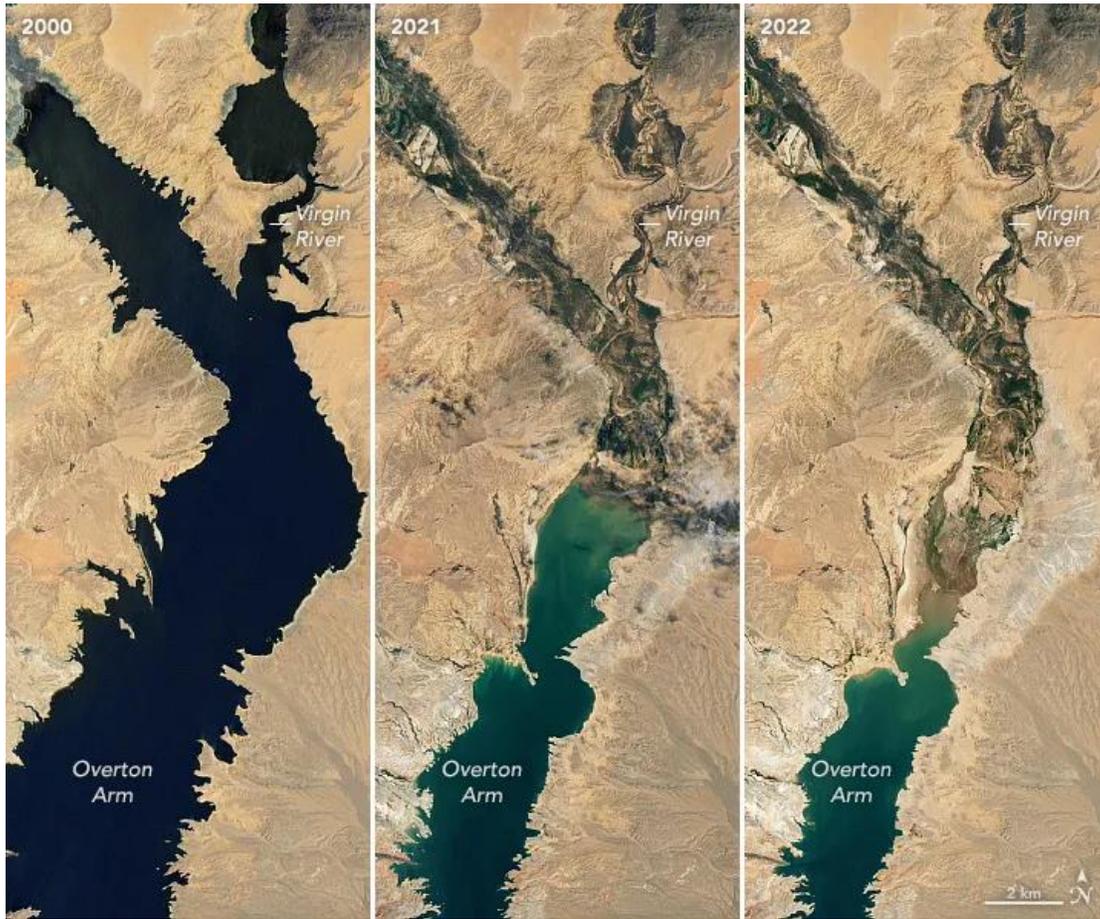
Historical Northern California April 1st Peak Snow Water Equivalent





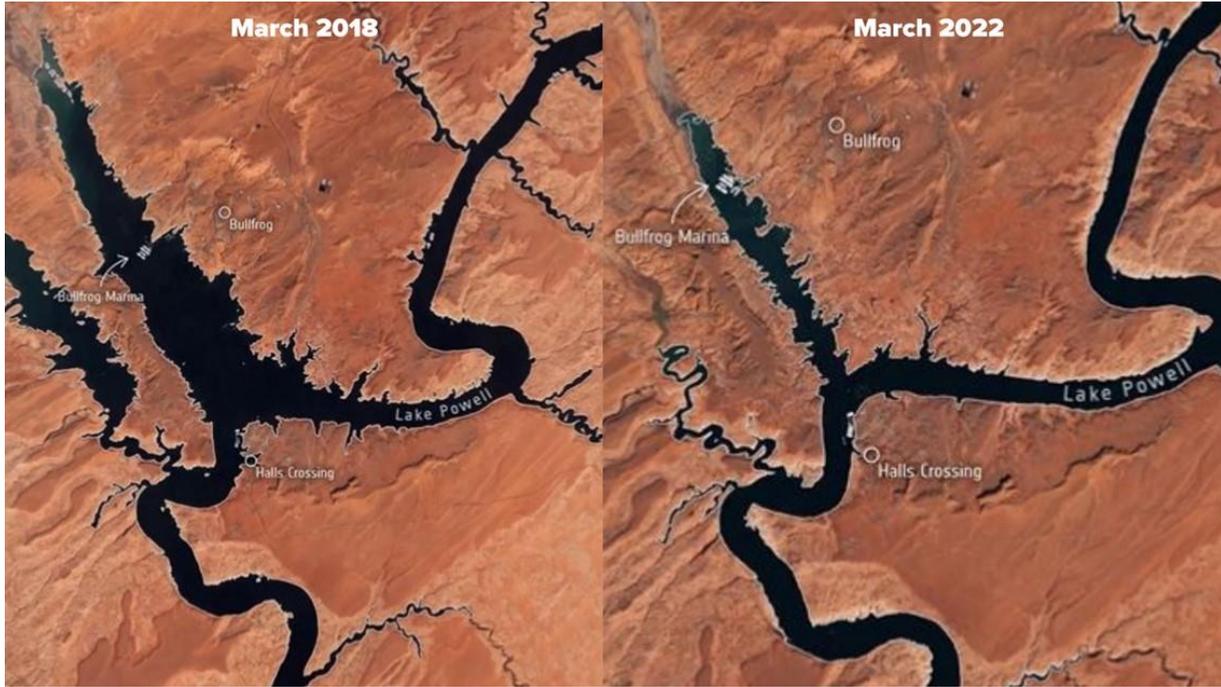
Reservoir Levels





Lake Mead, Nevada





Lake Powell, Utah



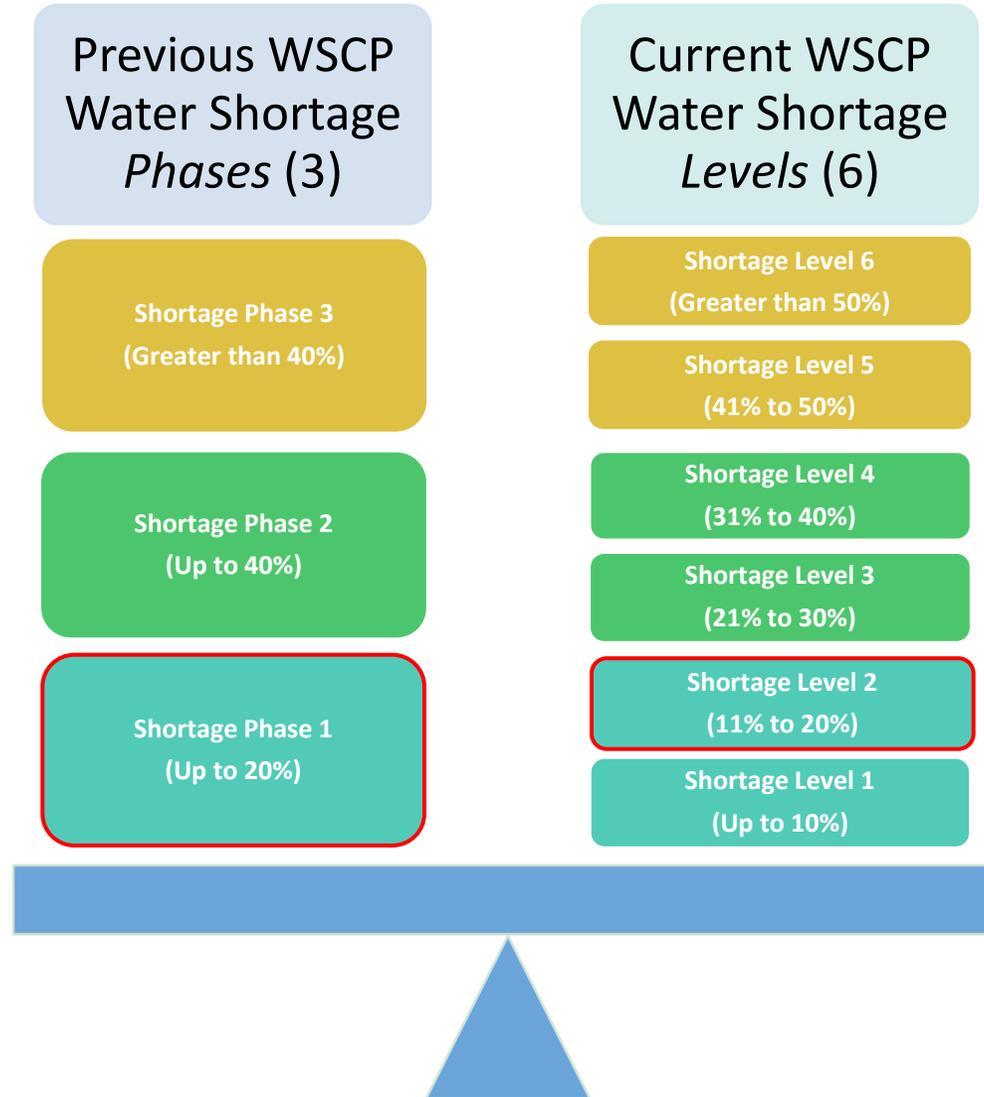


Relevant History (2014 – Present)

- August 11, 2014
Seal Beach City Council declares a Phase 1 Water Supply Shortage from the previous Water Shortage Contingency Plan (WSCP)
- Apr-Oct 2021
Governor Newsom issues proclamations regarding California's drought emergency
- March 28, 2022
Governor Newsom issues Executive Order N-7-22
- May 23, 2022
City Council amends the 2020 WSCP (Ordinance 1695)
- May 24, 2022
State Water Resources Control Board (State Board) adopts Resolution No. 2022-0018
- June 10, 2022
the State Board's emergency regulation goes into effect (*City's 2014 Phase 1 Shortage still in effect*)



2020 WSCP & Amended 2020 WSCP Comparison





Level 2 Actions

Cutback percentage of 11-20%

- Reducing irrigation days to three per week
 - For automatic landscaping sprinklers
 - Tuesday, Thursday, Saturday
 - Hand watering is exempt
 - Education and awareness focus
- Expanding our public information campaign
- Directing agricultural users and commercial nurseries to curtail all non-essential water use
- Asking customers to repair water leaks, breaks, and malfunctions promptly after discovery and in no event in less than 4 days



Prohibition on Commercial, Industrial, and Institutional (CII) properties of watering non-functional turf

- State Board Resolution No. 2022-0018
- Went into effect on June 16, 2022
- State's Definition
 - Turf that is solely ornamental (decorative) and not regularly used for human recreational purposes or for civic or community events
- Exemptions
 - The turf is used for human recreation, civic purposes, sports or play
 - The turf is irrigated with recycled water or non-potable water
 - The turf is on the same valve as at least one tree or perennial non-turf planting
 - The turf is at a residential location, not a CII location. The exception to this is common areas in HOAs. Unless one of the above exemptions applies, HOA common areas are included in this turf irrigation ban



Implementation, Education, and Public Outreach

- Education Focus
 - Flyers*
 - Bill inserts*
 - Door hangers
 - Signage*
 - Electronic Message Signs*
 - Social and Print media
 - City Website*
- SaveOurWater.com (DWR & ACWA)
- drought@sealbeachca.gov



Rebates & Incentives

- OcWaterSmart.com (MWDDOC)
 - Residential and Commercial Rebates and Programs
 - Turf removal program
 - Landscape design assistance
 - Landscape maintenance assistance program
 - Smart sprinkler timers, sprinkler nozzles, and drip irrigation
 - Soil moisture sensors and rain barrels
 - Clothes washers and toilets
 - Commercial ice machines, steamers, pumps, and valves
 - Residential and Commercial Resources



Staff Recommendation

- Adopt Resolution 7319, declaring a Level 2 Water Supply Shortage as mandated by the State Board
- Direct staff to implement additional water conservation public education and use restrictions to conserve water