

DROUGHT RESPONSE

TOPICS

1. County Response
2. Local Water Agency Response
3. Drought Funding

COUNTY RESPONSE

- On September 28th the BOS adopted the following resolution:
NOW, THEREFORE, BE IT RESOLVED AND ORDERED, that the County of Santa Cruz Board of Supervisors hereby acknowledges that the County is currently experiencing a Drought Emergency and requests that residents voluntarily reduce their water use by 15% and cease unnecessary stream diversions.
- Other items brought up in the staff report for re-evaluation include:
 - County Water Conservation Ordinance
 - Water Well Ordinance
 - Water Quality Program Expansion

Agency	Water Source	Drought Stage	Current Restrictions	Services being Offered	Supplemental Supply Projects
City of Santa Cruz	<p>Surface water (95%)</p> <p>Ground Water (5%)</p>	Stage 1 Water Shortage	<p>Plumbing Retrofit Program: Homes must be retrofitted with low flow fixtures at time of sale</p> <p>During a Stage 1 Water Shortage Warning, each customer class (residential, commercial, irrigation,) is provided with a monthly allotment of water. No overage fees assessed in Stage 1</p> <ul style="list-style-type: none"> Landscape Irrigation budgets reduced by 25% 	<p>Home Water Survey</p> <p>Free Conservation devices</p> <p>WaterSmart Leak notification</p> <p>Rebates</p>	<p>Aquifer Storage and Recovery</p> <p>Water Exchanges with Soquel Creek Water District and Scotts Valley Water during high surface water flow periods</p> <p>Santa Cruz Mid-County Groundwater Agency Member</p>
Scotts Valley Water District	Ground Water (100%)	Stage 2 Water Shortage	<p>Plumbing Retrofit Program: Homes must be retrofitted with low flow fixtures at time of sale</p> <p>Customers asked to water outdoors not more than two times a week.</p> <p>Restaurants encouraged to only serve water upon request</p> <p>Recommended that hotels give guests an option to not launder bed sheets every day.</p>	<p>Free Conservation devices</p> <p>WaterSmart Leak notification</p> <p>Rebates</p>	<p>Recycled Water facility for Irrigation</p> <p>Stormwater Capture for Groundwater Recharge</p> <p>Santa Margarita Groundwater Agency Member</p>

WATER AGENCY RESPONSES

Agency	Water Source	Drought Stage	Current Restrictions	Services being Offered	Supplemental Supply Projects
Soquel Creek Water District	Ground Water (100%)	Stage 3 water shortage	<p>Efficient water use: annual average of 50-55 gallons per person, per day</p> <p>Car Washing Restriction: a waterless spray, a bucket and hose with an automatic shut-off nozzle, and/or a pressure washer. Minimize water running off the property.</p> <p>Exterior Structure Washing Restriction: No exterior washing of structures unless for sanitation and health purposes, or if preparing to paint or stain and a pressure washer is used.</p>	<p>Free Conservation devices</p> <p>WaterSmart Leak notification</p> <p>Grants for projects promoting conservation awareness</p> <p>Rebates</p>	<p>Construction of Pure Water Soquel to limit seawater intrusion</p> <p>Surface Water transfers from City of Santa Cruz</p> <p>Stormwater Capture for Groundwater Recharge</p> <p>Santa Cruz Mid-County Groundwater Agency Member</p>
San Lorenzo Valley Water District	Surface water & Ground Water (% Varies)	Stage 2 Water Shortage	<ul style="list-style-type: none"> • No watering between the hours of 10AM - 5PM. • Outdoor irrigation is permitted only 2 days a week • Do not wash down hard or paved surfaces. • Do not initially fill or refill residential swimming pools. • Shut-off nozzles are required on all hoses. 	<p>Free Water-Wise Audit</p> <p>Free Conservation devices</p> <p>Rebates</p>	<p>Conjunctive Use of Surface and Groundwater sources</p> <p>Santa Margarita Groundwater Agency Member</p>

WATER AGENCY RESPONSES

Agency	Water Source	Drought Stage	Current Restrictions	Services being Offered	Supplemental Supply Projects
Central Water	Ground Water (100%)	None declared	Subject to County restrictions	Rebates	Santa Cruz Mid-County Groundwater Agency member agency
Pajaro Valley Water District	Ground Water Manager	None declared	Does not supply potable water, however does supply recycled water for crop irrigation.	Recharge Net Metering Rebates	Coastal Distribution System- Pipeline Expansion Project College Lake Integrated Resources Management Project Watsonville Slough System Managed Aquifer Recharge and Recovery Projects

WATER AGENCY RESPONSES

Agency	Water Source	Drought Stage	Current Restrictions	Services being Offered	Supplemental Supply Projects
City of Watsonville	Surface water (10%) Ground Water (90%)	Stage 1 Water Shortage	Plumbing Retrofit Program: Homes must be retrofitted with low flow fixtures at time of sale	Water Consultations Rebates <ul style="list-style-type: none"> • Landscape replacement • Toilet replacement • Washing Machines 	Water source for Recycled Water Treatment Facility provides recycled water for crop irrigation
County of Santa Cruz Small Water Systems (5-199 connections) Private Well Owners	Ground Water	Not Applicable	Plumbing Retrofit Program: Homes must be retrofitted with low flow fixtures at time of sale <ul style="list-style-type: none"> • No wasteful water use • No operating ornamental fountain or cooling system that doesn't re-circulate water • Outdoor water Restrictions <ul style="list-style-type: none"> ○ No hosing off hardscapes ○ No irrigation run-off ○ Shut-off nozzle required on hoses ○ Leaks must be repaired within 24 hours ○ Limit outside watering to 2 days per week for 15 minutes ○ No spray irrigation 10am-5pm 	Well sounding Water quality testing Developing drought response program	Santa Cruz Mid-County Groundwater Agency Member Santa Margarita Groundwater Agency Member Stormwater Capture for Groundwater Recharge

WATER AGENCY RESPONSES

DROUGHT FUNDING

- On July 20th, 2021 the State Water Board adopted a resolution authorizing the use of \$10 million in emergency drought funding.
- DWR released guidelines for a \$200 million Small Community Drought Relief Program focusing on emergency and interim needs of small water systems and rural communities.
- DWR released draft guidelines for an additional \$100 million in grant funding for urban drought relief projects and \$100 million for multi-benefit drought relief projects

FUNDING USES

- Assessment
 - Community outreach
 - Domestic well testing
- Interim solutions
 - Bottled water
 - Tanks and hauled water
 - Kiosk filling stations
 - POU/POE installation and maintenance
- Long-Term Solutions
 - Well repairs and/or replacements
 - POU/POE installation and maintenance, in some cases
 - Interties/consolidation with larger systems

COUNTY SUBMITTAL

Task 1) Outreach for small systems and private wells to inform them of this program and offer free well sounding and water quality testing.

Task 2) Development of an online reporting form and tracking system for individuals and small systems that are experiencing water supply concerns.

Task 3) Upgrade of current water quality lab equipment to include equipment to test for metals.

Task 4) Implementation of services to help identify properties that may be suffering from low water levels and/or impacts to water quality.

Task 5) Hauled water reserve

Task 6&7) Necessary Upgrades for Waterman Gap and Smith Road (may seek funds separately)

Total request not including SWS upgrades is \$366,000

OTHER REQUESTS

- Davenport requesting funding for a new 600-700,000 gallon storage tank
- Brackenbrae and Forrest Springs seeking funding to consolidate with SLVWD
- Several Small Water Systems have applied independently for funds
- Conversations about the Urban Water programs starting to take place