



**MARIN
WATER**

Water Supply and Water Shortage Level Update

BOARD MEETING

April 18, 2023

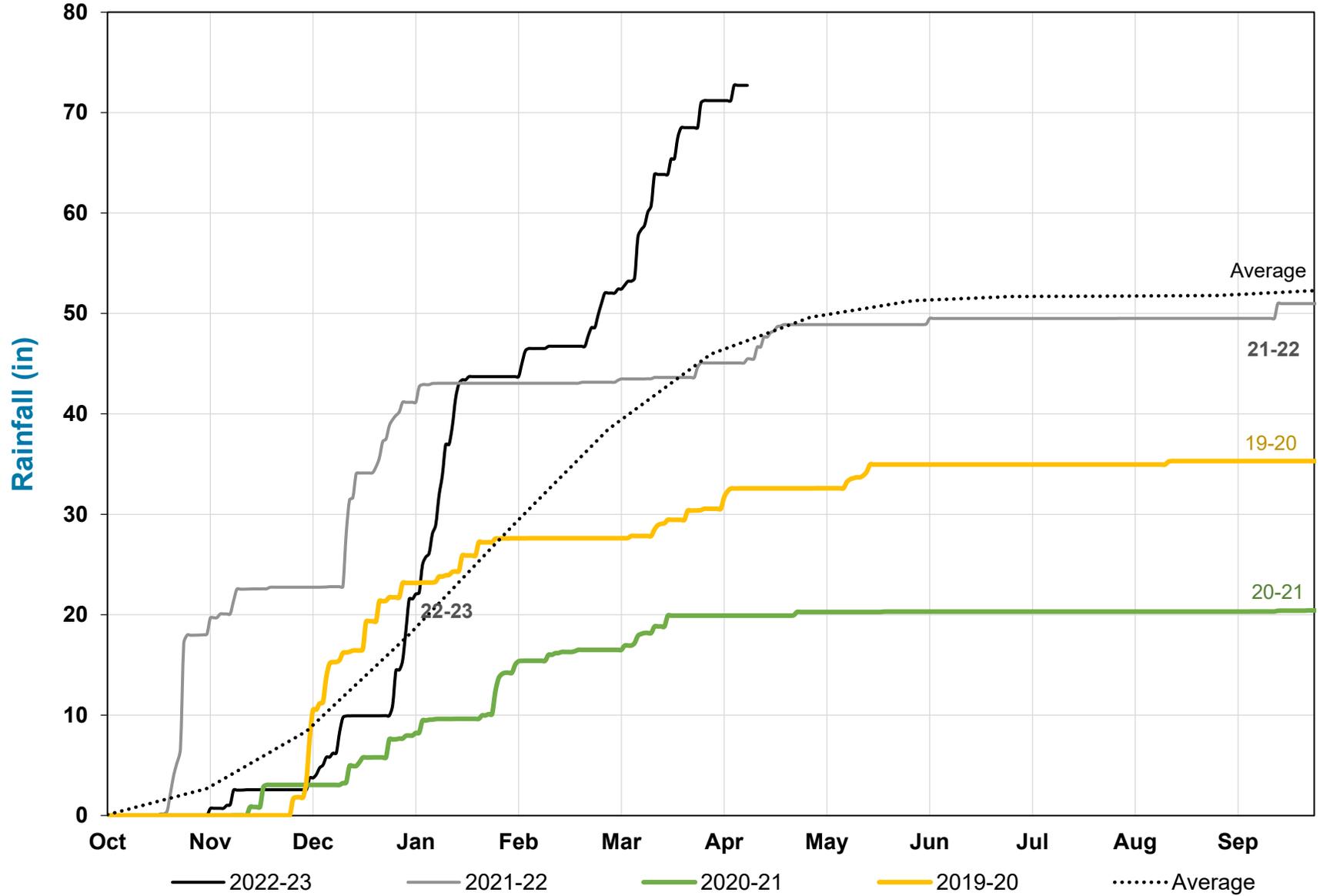


Water Supply and Roadmap Update: Overview

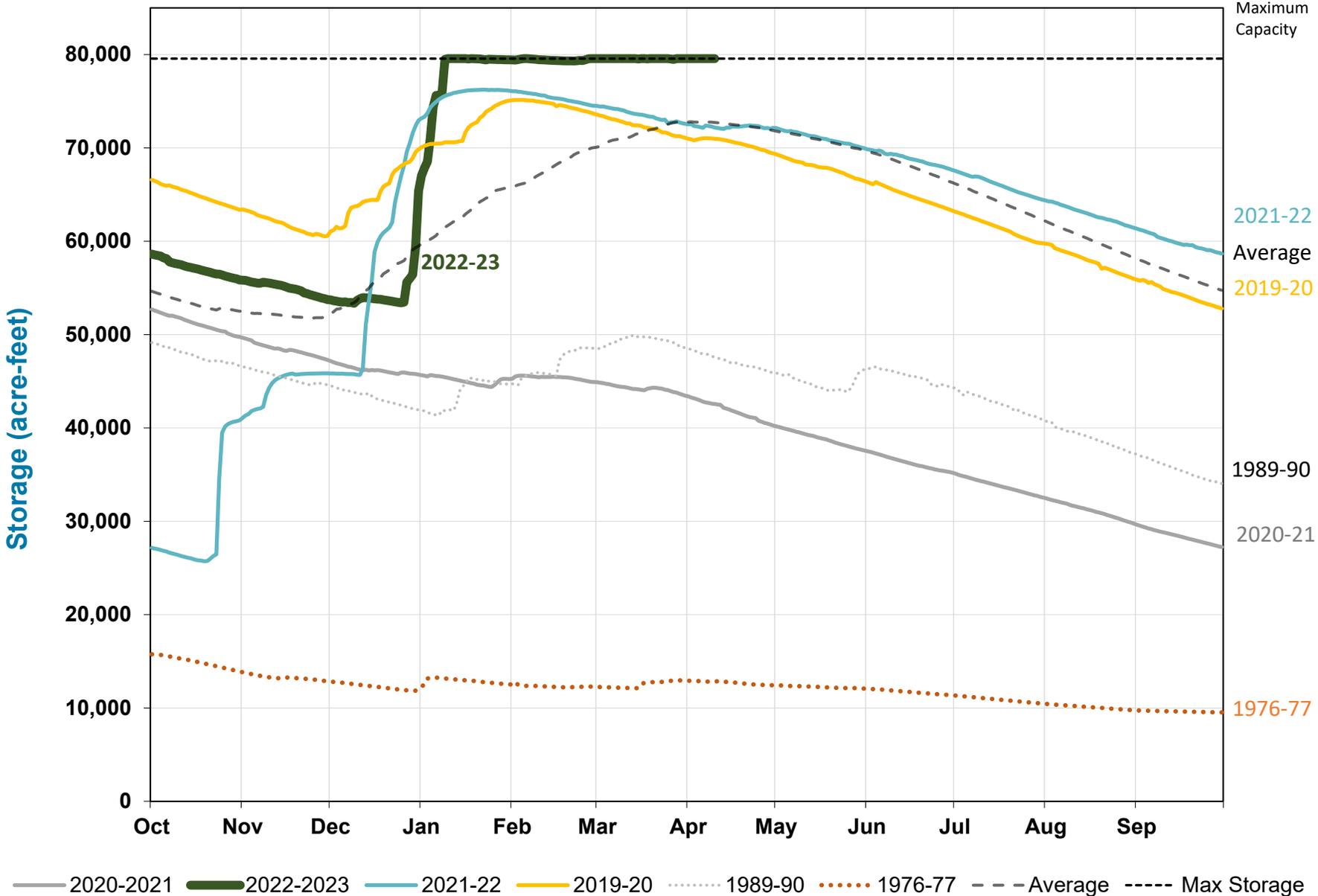
- Water Supply Conditions
- Water Supply Forecast
- Supplemental Water Update
- Water Shortage Level Update
- Next Steps

Cumulative Precipitation

Lake Lagunitas Rain Gauge

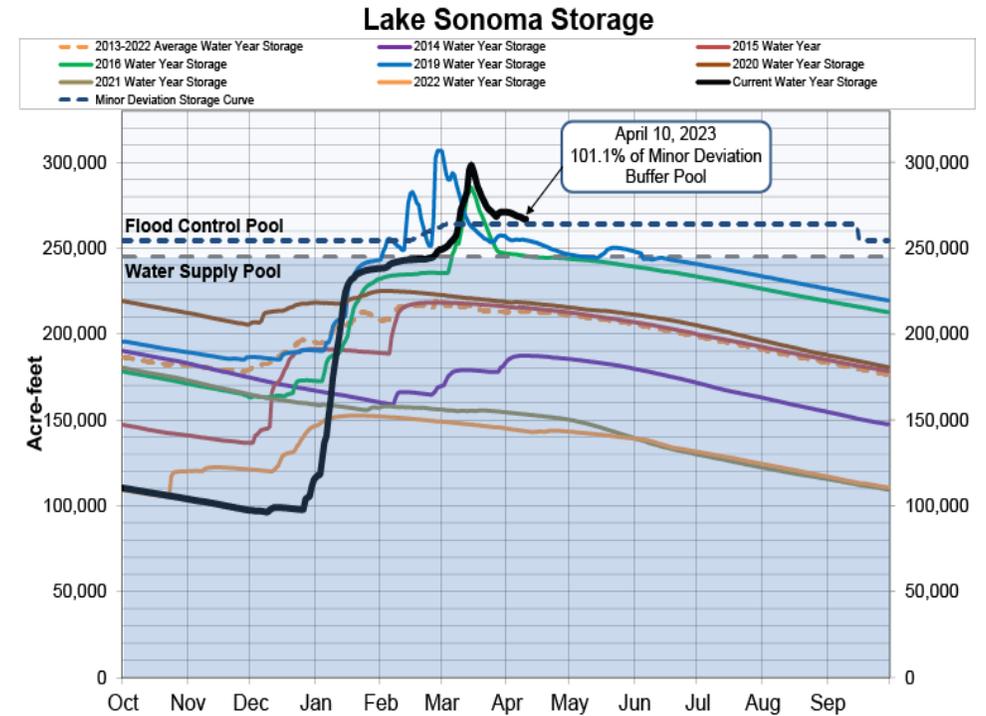


Current Water Year Total Reservoir Storage



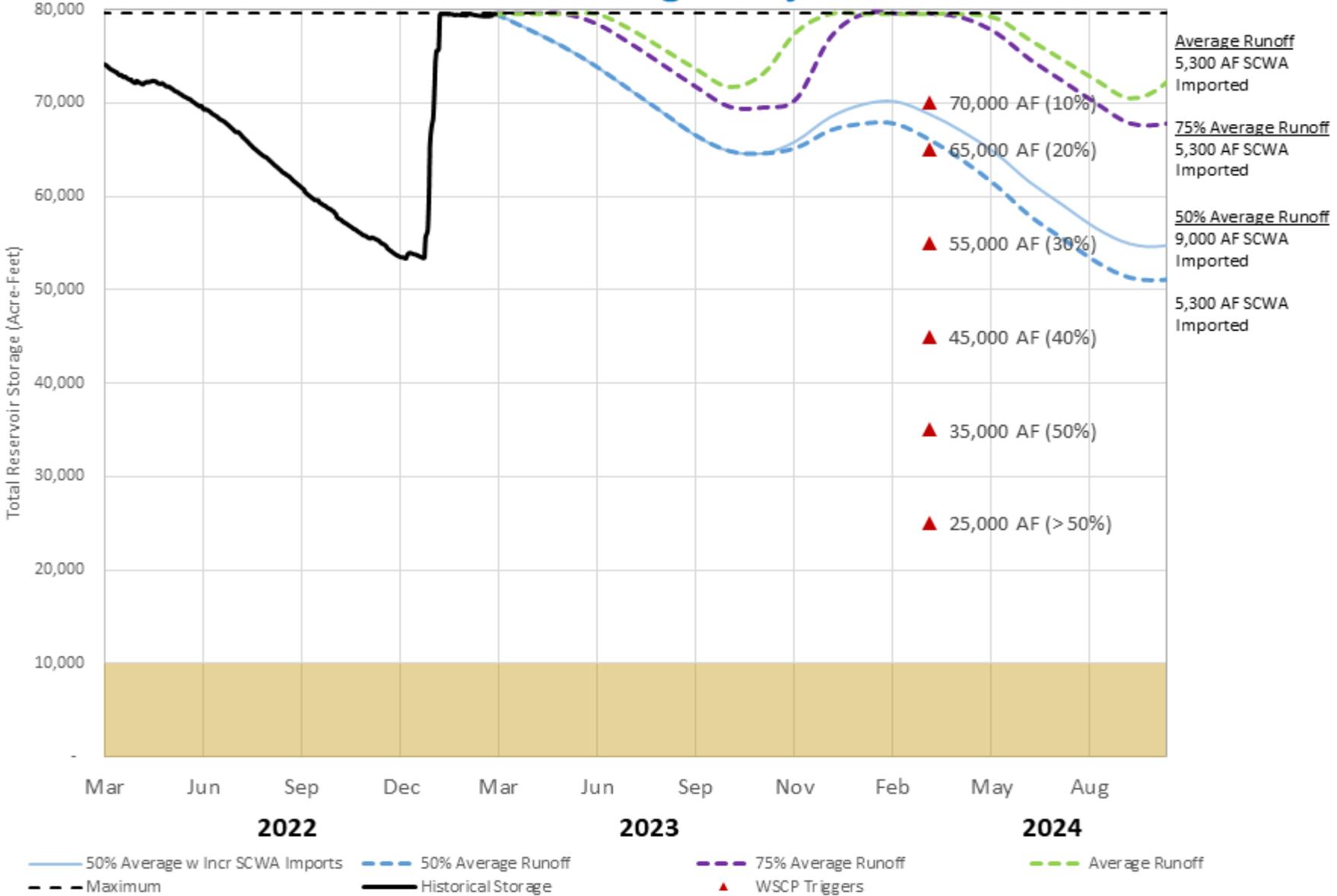
Water Supply and Roadmap Update: Water Supply Conditions

- Supplemental water this fiscal year = ~3000 AF
- Fiscal year Take or Pay minimum = 5,300 AF
- North Marin Aqueduct closure due to landslide has affected ability to meet take or pay minimum
- Staff are working with Sonoma to understand any options to defer delivery of this water



- Current storage 119% of average
- Average storage for this time of year ~211 TAF

Reservoir Storage Projections



Water Shortage Level Update: Governor's Recent Statewide Drought Actions

- March 23, 2023 - Eases drought restrictions, stops short of ending the drought emergency and calls for the following:
 - Ends the statewide voluntary 15% water conservation target, while continuing to encourage Californians make conservation a way of life;
 - Ends the requirement that local water agencies implement Level 2 Response Actions of their drought contingency plans;
 - Maintains the ban on wasteful water uses, including watering non-functional turf on Commercial/Industrial properties;
 - Retains a state of emergency for all 58 counties to allow for drought response and recovery efforts to continue.

Water Shortage Level Update: District Response to State Action and Water Supply Conditions

- In April 2022 the District rescinded the Water Shortage Emergency and supported Governor's call for 15% voluntary water conservation by ensuring water shortage level 2 water use prohibitions were in place.
- District can downgrade from shortage level 2 to a shortage level 0 reflecting normal water supply conditions and water use prohibitions.

Water Shortage Level Update: Bay Area Water Suppliers Response to State Actions and Water Supply Conditions

- **Sonoma Water Contractors** have rescinded their Drought Response actions
- **EBMUD** - Ended 8% drought surcharge on March 1, suspending penalties for excessive water use and will downgrade from stage 2 drought 10% mandatory to stage 1 drought voluntary 10% conservation within 30 days of the State updating its emergency regulations.
- **CCWD** - Lift prohibitions and sunset drought surcharge effective April 5
- **ACWD** - Rescind Drought Surcharge effective April 1
- **SFPUC** - rescinded the Water Shortage Emergency April 11, lifting the drought surcharge effective May
- **Valley Water** – Rescinded the Water Shortage Emergency

Current Water Saving Incentives

- Turf Conversion Rebates
- Flume Smart Home Water Monitor
- Hot Water Recirculating System
- Pool or Spa Covers
- High Efficiency Clothes Washers
- High Efficiency Toilets
- Smart Irrigation Controllers
- Graywater: Laundry-to-Landscape kits
- Rain barrels and cisterns



Current Policy and Regulations

■ Local Policy and Regulations

- Landscape Plan Review
- Indoor Fixture Standards
- Graywater Requirement
- Water Waste Prohibitions
- Ongoing irrigation limitations
 - Overhead spray limited to 2 days/week

• State Regulations

- SB606/AB1668: Water Use Objectives
 - Indoor Residential Targets
 - Outdoor Water Use Targets
 - Commercial, Industrial, Institutional Water Use Targets
 - Water Loss Targets

Partnerships, Outreach and Education

- School Education
- Residential and Commercial Water Use Surveys
- Marin-Friendly Garden Walks
- Eco-Friendly Garden Tour
- Watershed Approach to Landscaping
- Weekly Watering Schedule
- Workshops and Training Seminars
- Marin Master Gardeners
- Sonoma-Marín Saving Water Partnership



Next Steps

- Staff will prepare a resolution for board consideration downgrading from shortage level 2 to shortage level 0.
- Continue outreach to customers to:
 - Thank them for saving water during the drought
 - Encourage making conservation a way of life
 - Promote initiatives and incentives to encourage more participation
- Continue monitoring water supply conditions