

# Drought Effects & Responses

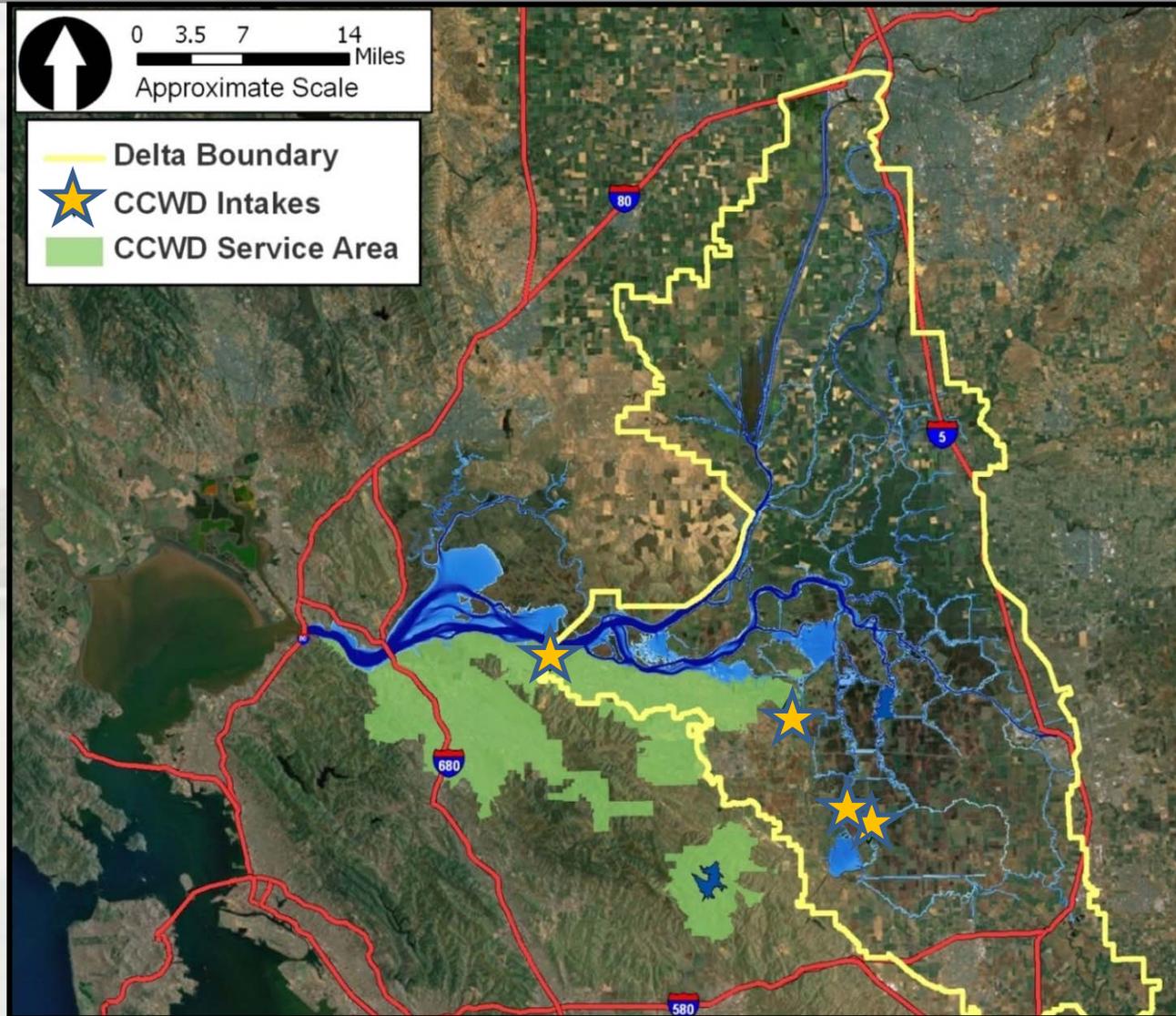
## Delta Stewardship Council

**Leah Orloff, Water Resources Manager**

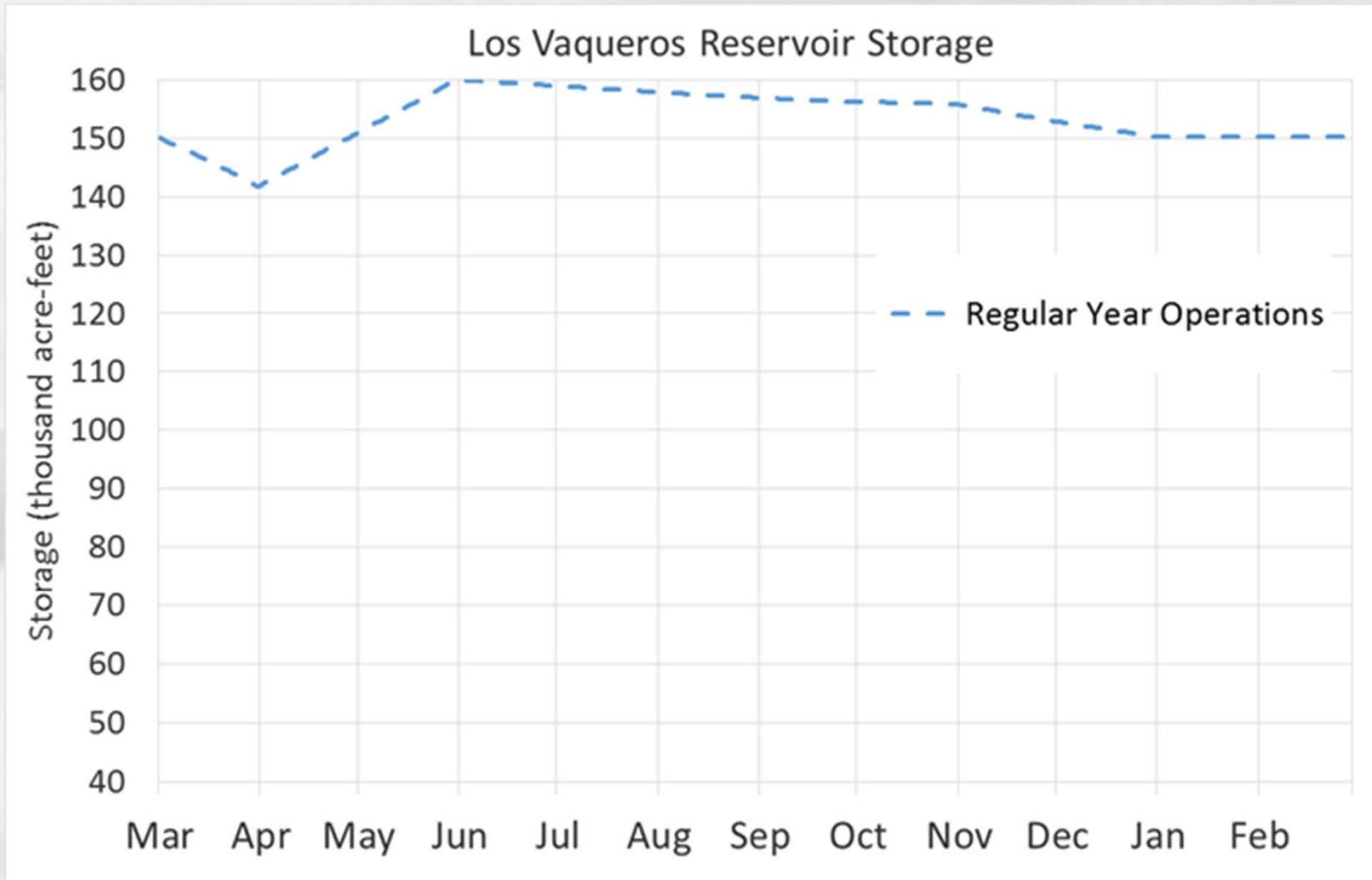
**April 23, 2015**



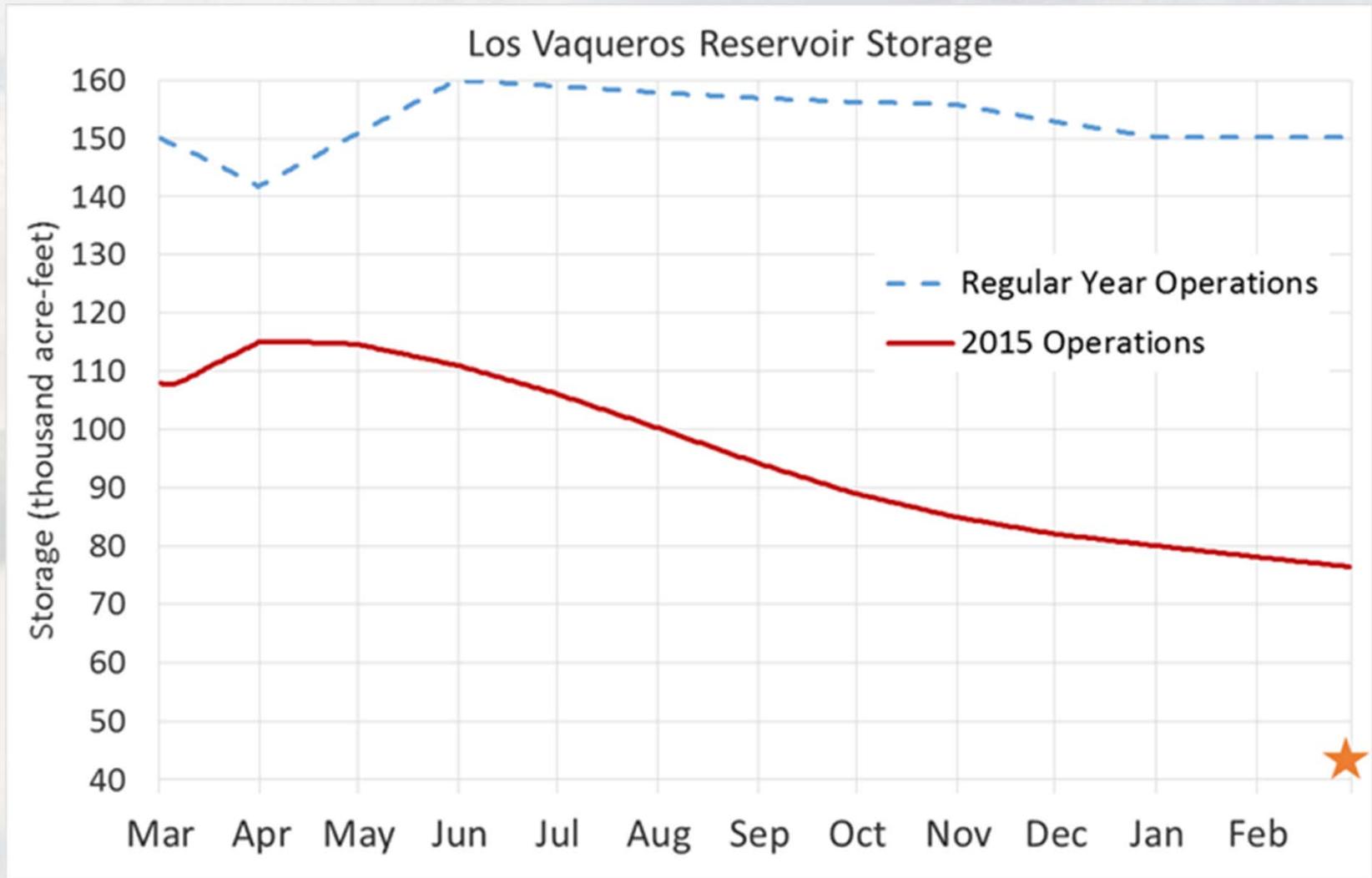
# Contra Costa Water District



# Operations Based on Water Quality



# Effects of Drought on CCWD Operations



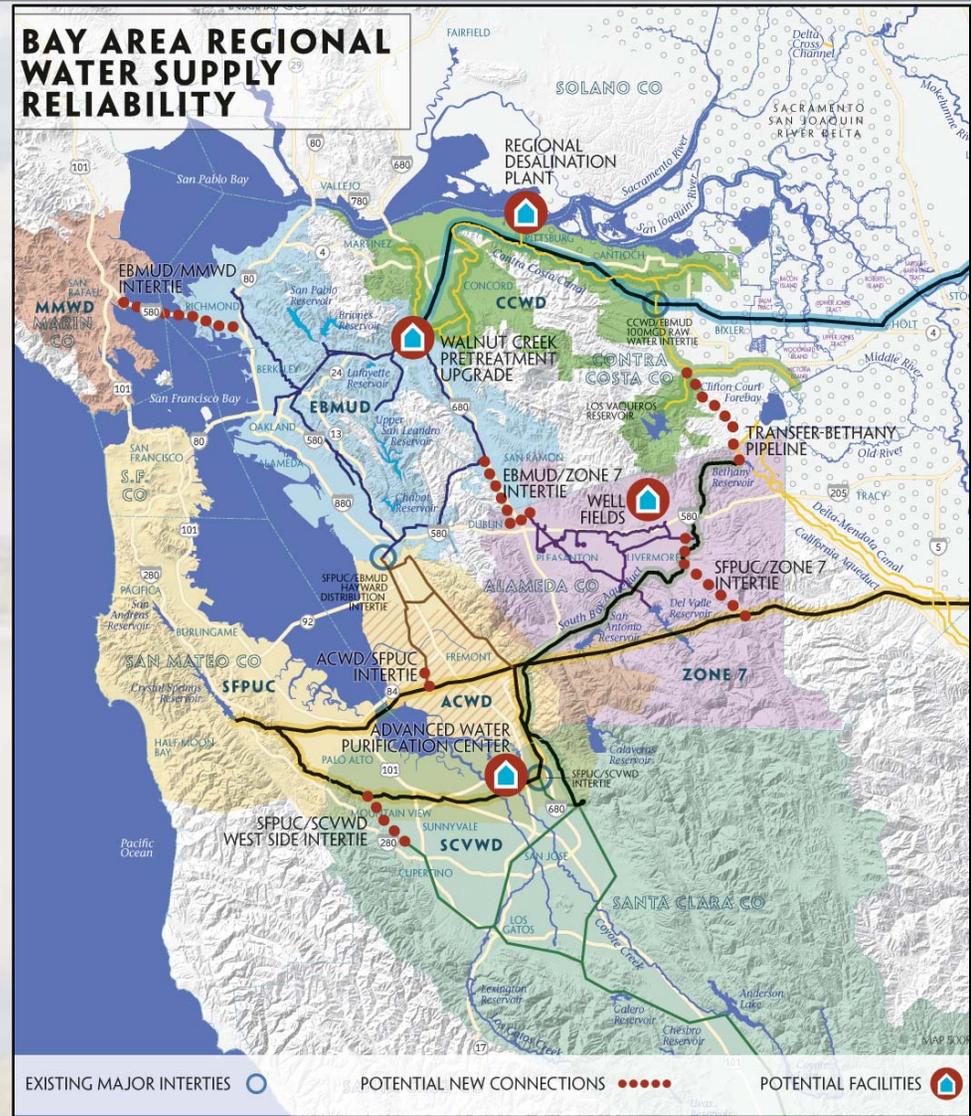
# CCWD's Drought Program

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- Conservation services
- Public outreach and communication
- Conservation pricing adjustment
- Water use prohibitions
- Fines and penalties

# Regional Efforts

- Bay Area Regional Reliability
  - Desalination
- Partnerships in Los Vaqueros
  - Existing reservoir
  - Future expansion
- Recycled Water



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# BACK POCKETS

# Conservation Services

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- Rebates for lawn-to-garden conversions
- Free on-site conservation surveys
- Free water-saving equipment (ex. showerheads)
- Discount coupons for landscaping mulch and car washes using recycled water
- Rebates for water-efficient clothes washers
- Educational materials

# Outreach and Communications

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- Two individual letters to each customer
- Messages and updates will be provided to customers:
  - Website (includes new target use calculator and how to read historical use on back of bill)
  - On Tap
  - Bill Inserts
- Monthly, electronic newsletter (WaterSaver)
- Staff available and present at community events, special programs, and workshops
- Educational materials being provided

# Conservation Pricing Adjustment

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- Governor's Executive Order calls for pricing signals
- Increase treated water quantity charge by \$0.50 per unit (748 gallons)
- Increase untreated water quantity charge by \$0.25 per 1,000 gallons
- Residential use below 200 gallons per day considered conserver and exempt from pricing adjustment
- Eliminated when Governor lifts Executive Order
- Aimed at achieving reductions in use in all categories

# Water Use Prohibitions

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- Excessive landscape runoff
- Watering 9AM-5PM
- Watering within 48 hours after measurable rainfall
- Watering more than 2 days per week
- Watering new home landscape except by drip or microspray
- Watering ornamental turf on public street medians
- Washing vehicle, trailer, boat without shutoff nozzle
- Washing paved or hardscape surfaces
- Water use for non-recirculating fountains
- Use of non-recycled water for construction and dust control
- Serving drinking water except upon request
- Washing hotels linens daily without guest request

# Fines and Penalties

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- Purpose is to enforce water use prohibitions
- Customer would receive one warning
- After warning: First offense \$250; Second offense \$500
- Subsequent offenses subject to suspension of service
- Also pay penalty of \$10/unit for estimated amount of water wasted
- Fines/Penalties can be appealed to the General Manager