

# California **Water Plan** Highlights

## Drought Update

INTEGRATED WATER MANAGEMENT



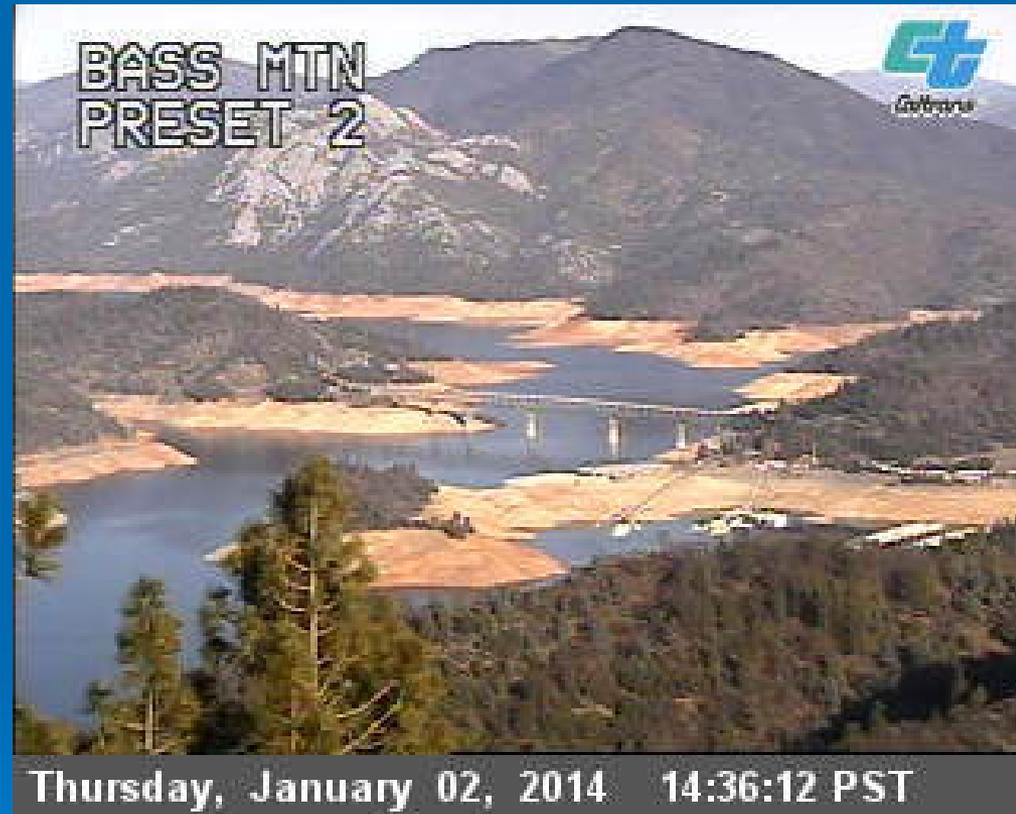
Update 2009 • Department of Water Resources

March 26, 2014

# 2013-2014 Drought Conditions

- 3rd consecutive dry year
- Statewide Snow water content - **23% of average**
- Northern Sierra Precip - **52% of average**
- Southern Sierra Precip - **41% of average**
- Statewide unimpaired river runoff - **22% of avg. (Feb.)**
- Most major reservoirs are below historical average
- Projected Spring SWP allocation - **0%**

Lake Shasta / I-5 Bridge



# Snow Water Content

Mar 25, 2014

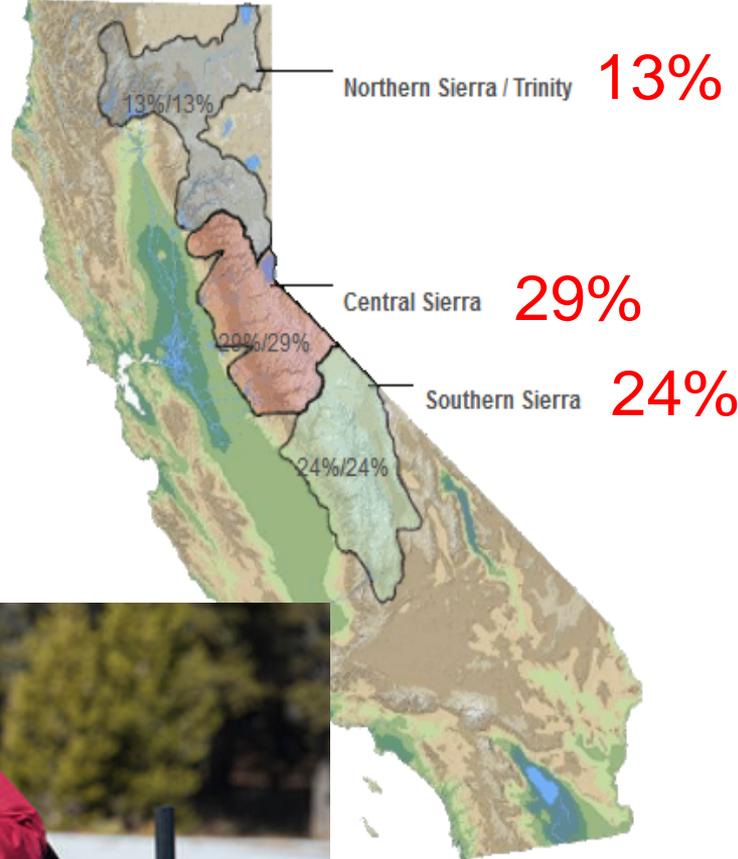
Statewide Average  
23%

## → Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 25-Mar-2014

% Apr 1 Avg. / % Normal for this Date



NORTH	
Data For: 25-Mar-2014	
Number of Stations Reporting	27
Average snow water equivalent	3.7"
Percent of April 1 Average	13%
Percent of normal for this date	13%

CENTRAL	
Data For: 25-Mar-2014	
Number of Stations Reporting	42
Average snow water equivalent	8.6"
Percent of April 1 Average	29%
Percent of normal for this date	29%

SOUTH	
Data For: 25-Mar-2014	
Number of Stations Reporting	31
Average snow water equivalent	6.3"
Percent of April 1 Average	24%
Percent of normal for this date	24%

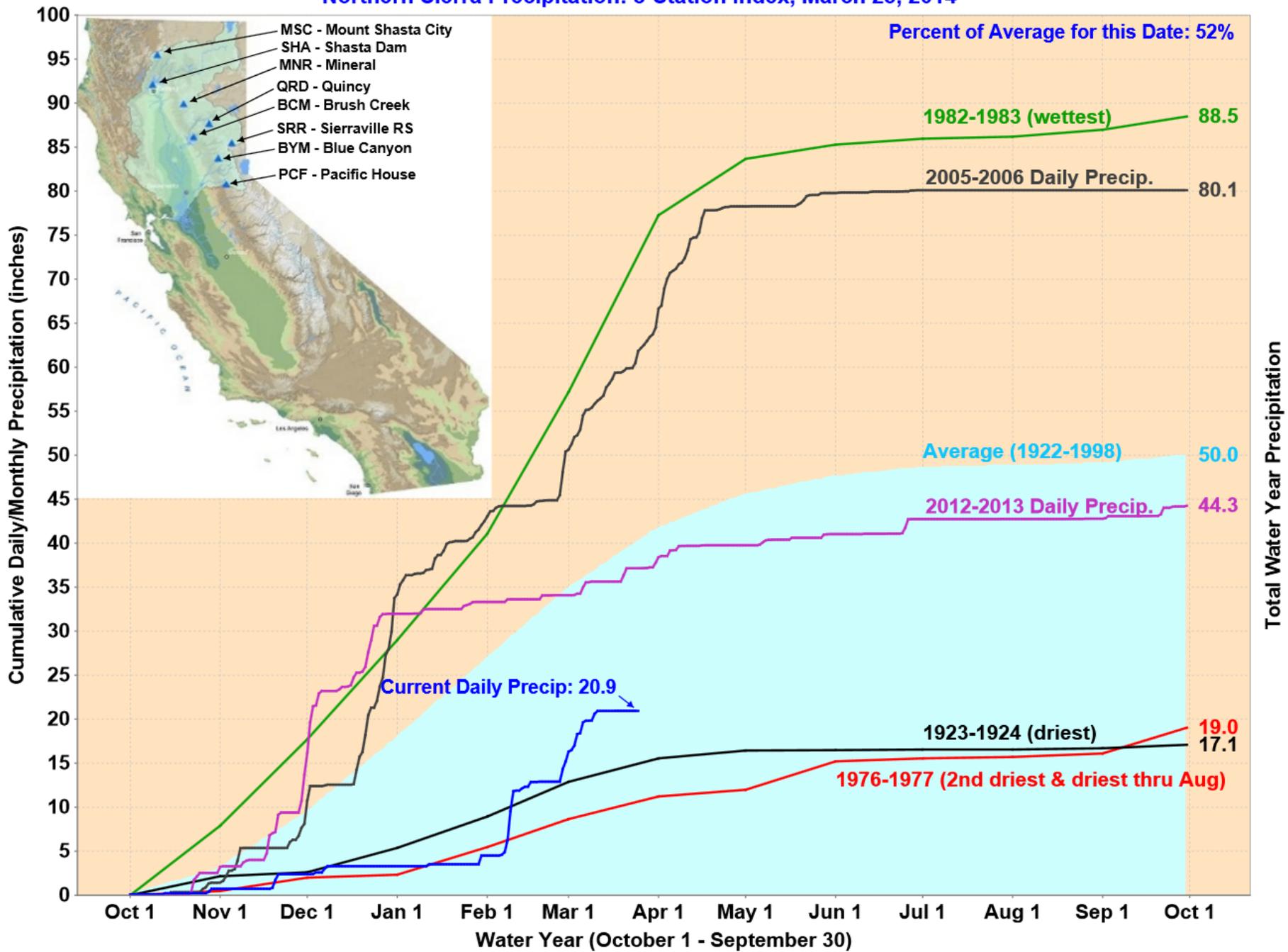
STATEWIDE SUMMARY	
Data For: 25-Mar-2014	
Number of Stations Reporting	100
Average snow water equivalent	6.6"
Percent of April 1 Average	23%
Percent of normal for this date	23%



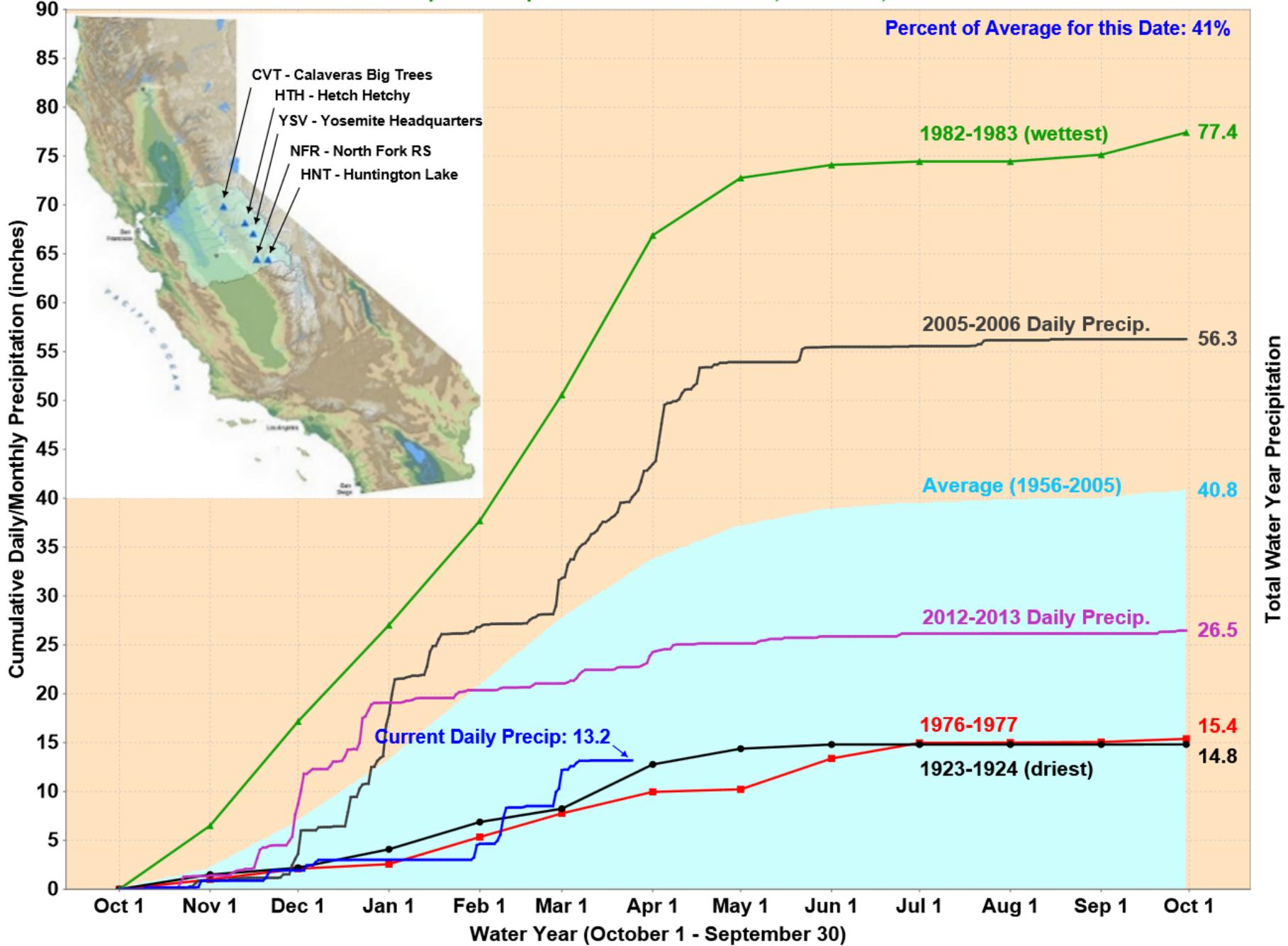
14

Refresh Data

# Northern Sierra Precipitation: 8-Station Index, March 25, 2014



# San Joaquin Precipitation: 5-Station Index, March 25, 2014



# CA Reservoir Storage

March 24, 2014

Data as of Midnight: 24-Mar-2014

Change Date: 24-Mar-2014

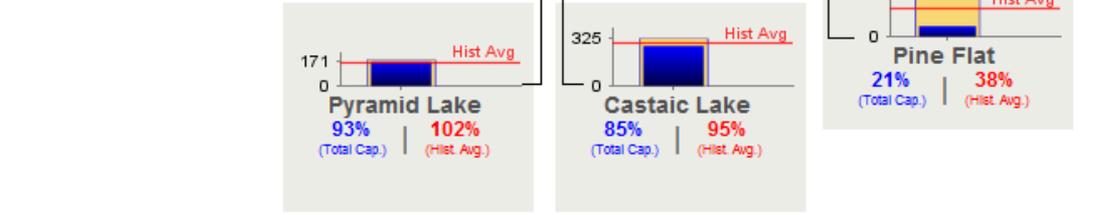
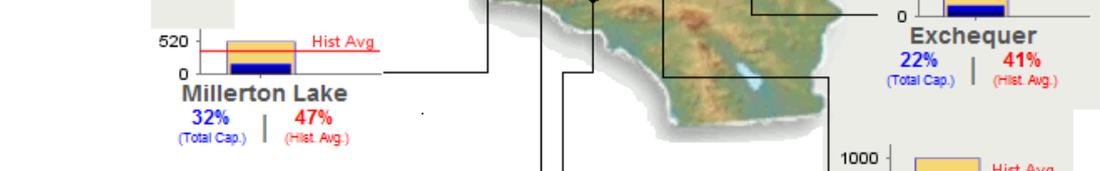
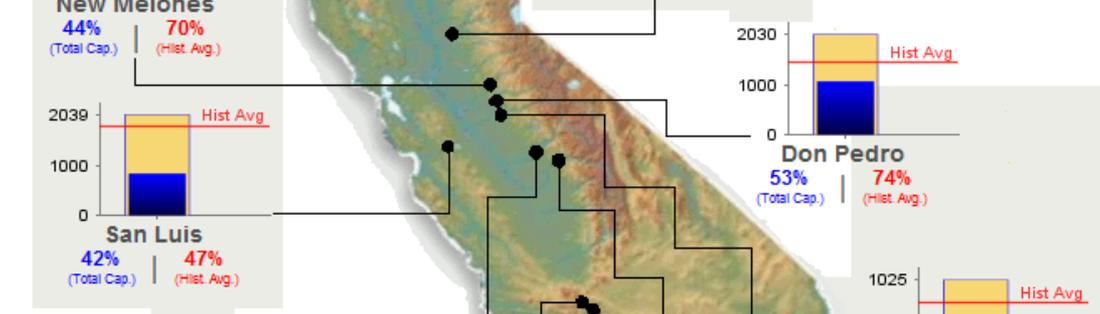
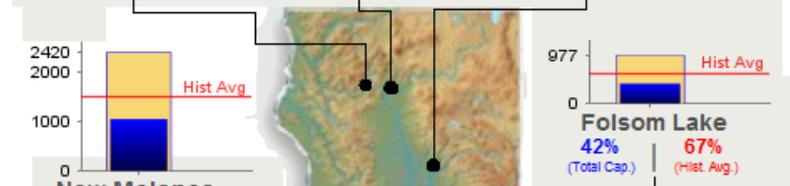
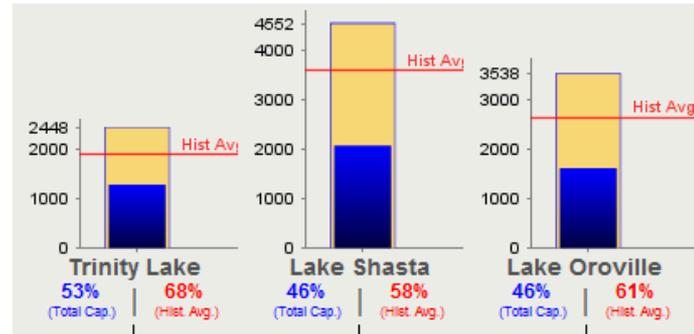
[Refresh Data](#)

### LEGEND

**Blue Bar:** Storage level for date  
**Gold Bar:** Total reservoir capacity.  
**Red Line:** Historic level for date.

Capacity (TAF) Historical Avg Mark

**% of Capacity | % Historical Avg**  
 (Click reservoir name for details)



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**Blue Bar:** Storage level for date  
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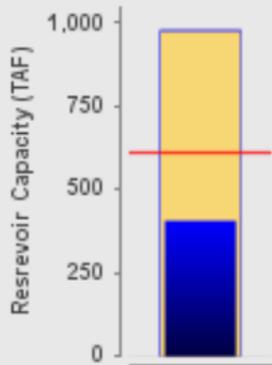


# Reservoir Conditions - Folsom Lake



## Folsom Lake Conditions

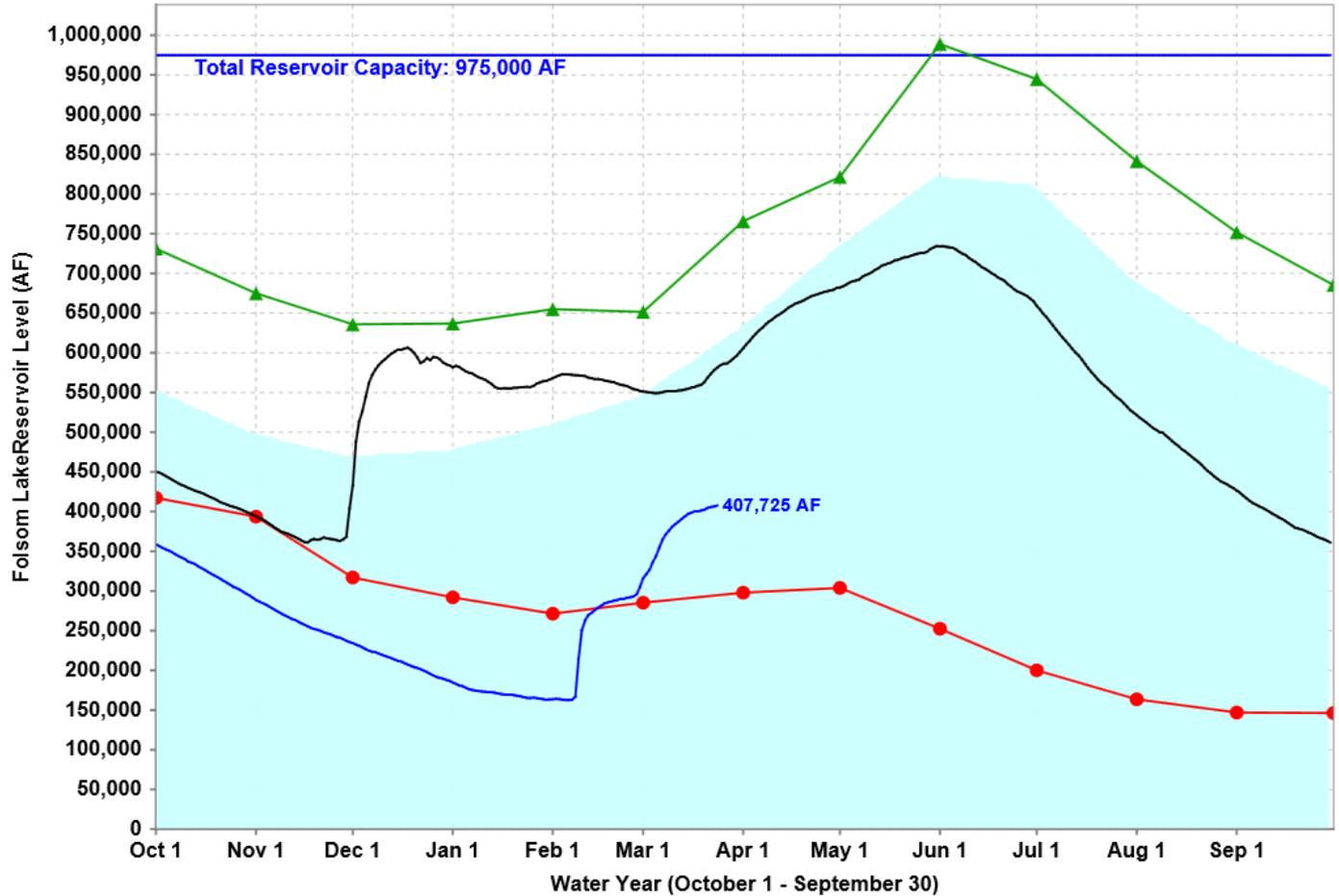
(as of Midnight - March 24, 2014)



Current Level: 407,725 AF

42% (Total Capacity) | 67% (Historical Avg.)

Folsom Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight March 24, 2014



■ Historical Average 
 — Total Reservoir Capacity 
 ● 1976-1977 (Driest) 
 ▲ 1982-1983 (Wettest) 
 — 2012-2013 
 — Current: 2013-2014

# State of California Drought Response

- Streamline water transfers - EO B-21-13 (May 2013)
- California Water Plan Update 2013 PRD (Oct 2013)
- State Drought Task Force Established (Dec 2013)
- Governor's Drought Proclamation & Water Action Plan (Jan 2014)
- SB 103 & SB 104 Drought Relief Bills (March 2014)



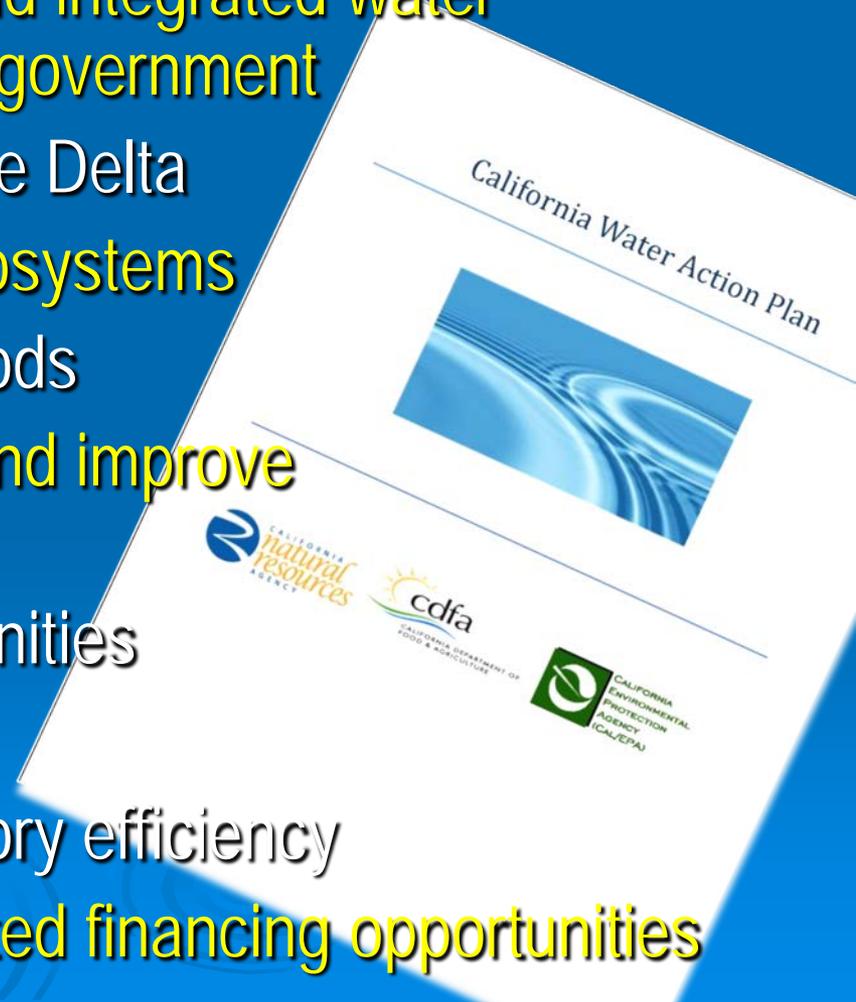
# Governor's Drought Proclamation

- Conservation – 20%
- Water Contingency Plans
- State Agencies
- Water Transfers
- Consolidate Place of Use
- Shovel Ready Projects
- Notice on Diversions
- WQCP – Cold Water, WQ
- Drinking Water Assistance
- Groundwater Report
- Well Drilling / Local Impacts
- CDFA Website
- DFW – Fish Contingency Plans
- Delta Actions
- Climate Forecasting
- CalFire – Staff and Action
- Task Force – Food, Money, Services
- Task Force - Monitor

# Governor's Water Action Plan

## A Diverse Water Portfolio --- 10 Priority Actions

1. Make conservation a California way of life
2. Increase regional self-reliance and integrated water management across all levels of government
3. Achieve the co-equal goals for the Delta
4. Protect and restore important ecosystems
5. Manage and prepare for dry periods
6. Expand water storage capacity and improve groundwater management
7. Provide safe water for all communities
8. Increase flood protection
9. Increase operational and regulatory efficiency
10. Identify sustainable and integrated financing opportunities



# Drought Funding Legislation

- \$549 million - local and regional projects
- \$30 million - improve water use efficiency, save energy & reduce GHG emissions
- \$14 million - groundwater management & assist disadvantaged communities
- \$10 million - irrigation & water pumping systems that reduce water & energy use
- \$15 million - address emergency water shortages due to drought
- \$13 million - expand water use efficiency & conservation, and reduce fuel loads
- \$25.3 million - food assistance to those impacted by drought
- \$21 million - housing related assistance for individuals impacted by the drought

*NOTE: Funding sources include voter-approved GO bonds, General Fund ,  
and Greenhouse Gas Emissions Fund*

# Questions & Comments



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