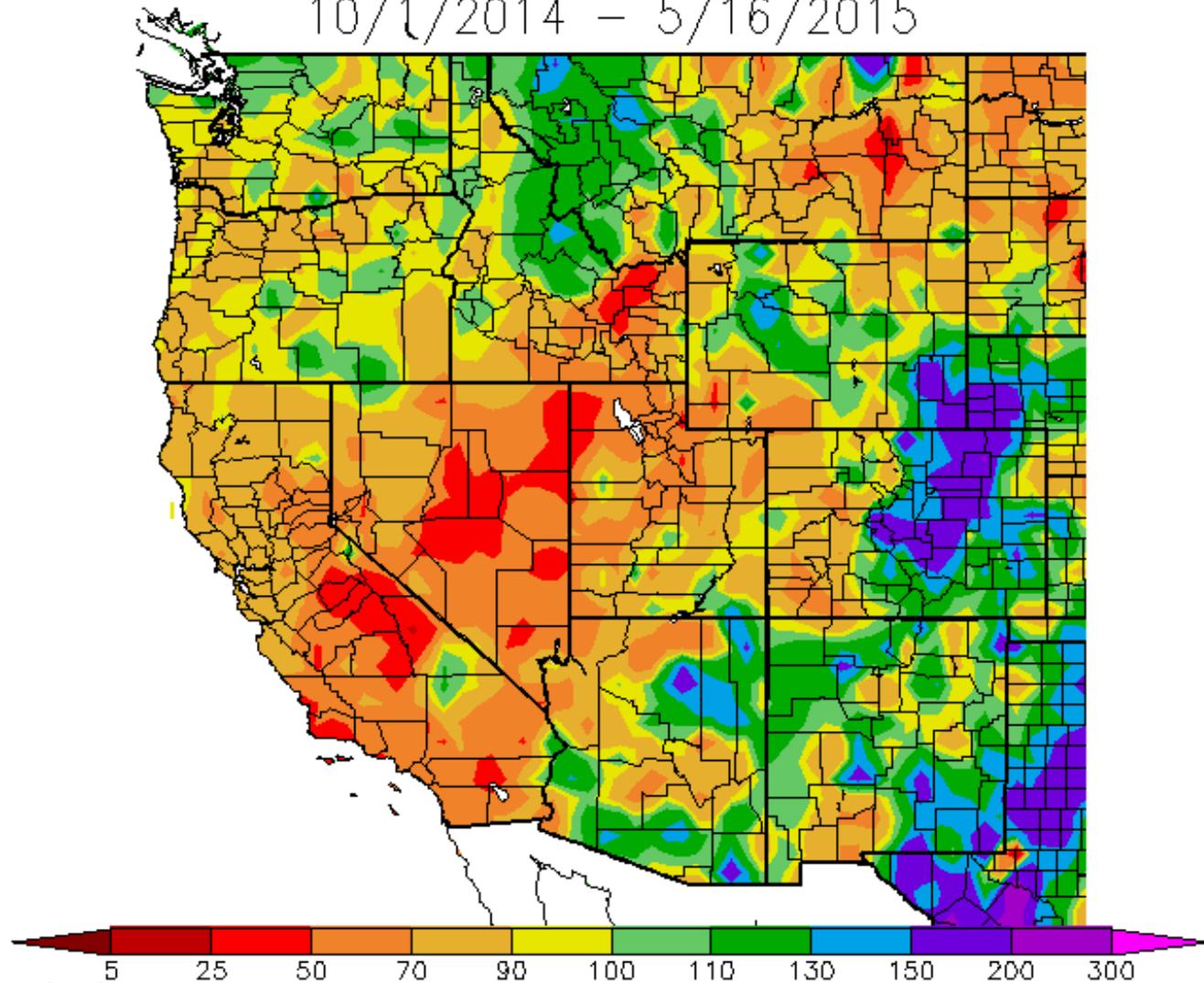




Drought Update

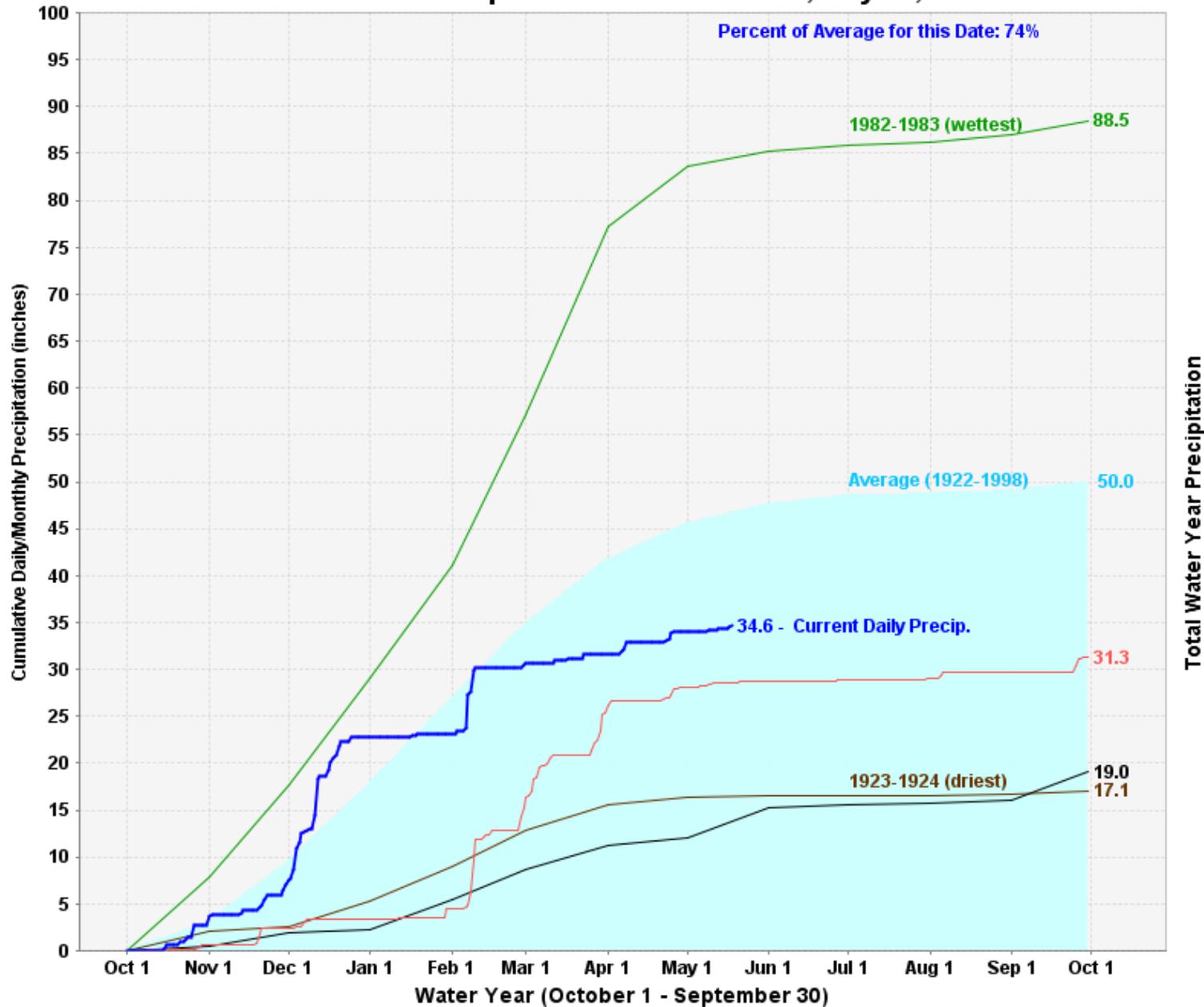
**Jeanine Jones, Department of Water
Resources**

Percent of Average Precipitation (%) 10/1/2014 - 5/16/2015



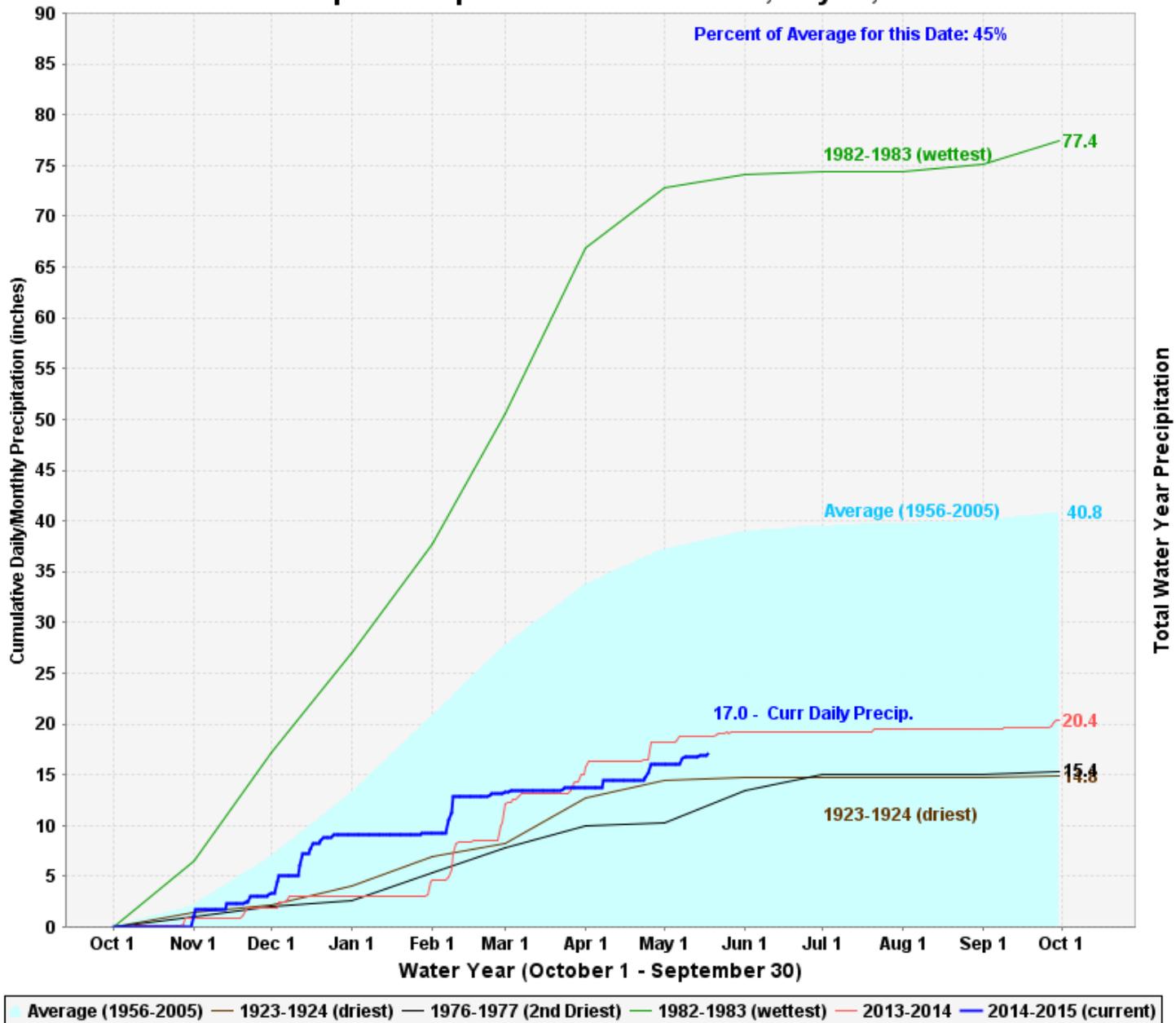
Generated 5/17/2015 at WRCC using provisional data.
NOAA Regional Climate Centers

Northern Sierra Precipitation: 8-Station Index, May 18, 2015



■ Average (1922-1998)
 ■ 1923-1924 (driest)
 ■ 1976-1977 (2nd Driest)
 ■ 1982-1983 (wettest)
 ■ 2013-2014
 ■ 2014-2015 (current)

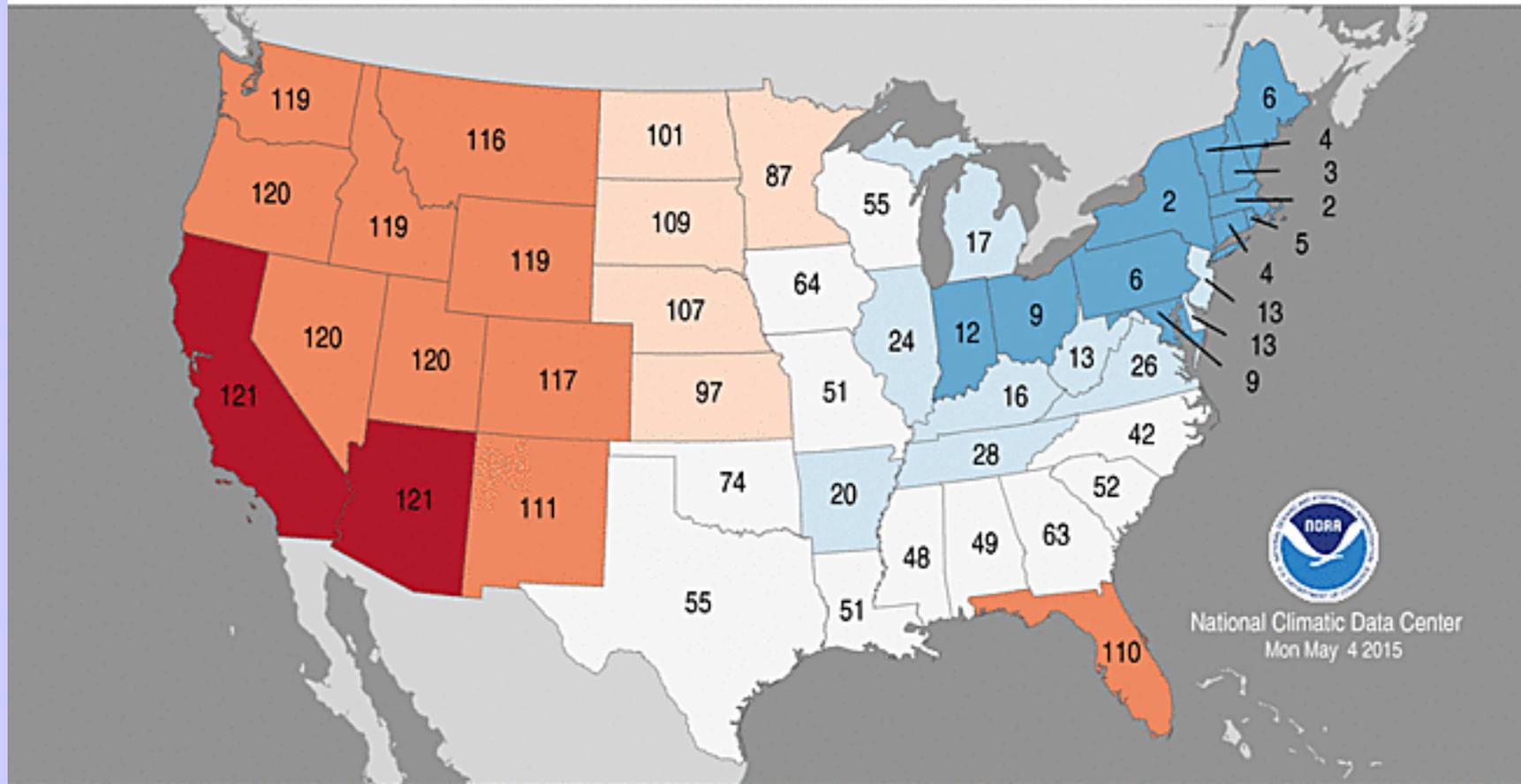
San Joaquin Precipitation: 5-Station Index, May 18, 2015



Statewide Average Temperature Ranks

January–April 2015

Period: 1895–2015



National Climatic Data Center
Mon May 4 2015

Record Coldest
(1)

Much Below Average

Below Average

Near Average

Above Average

Much Above Average

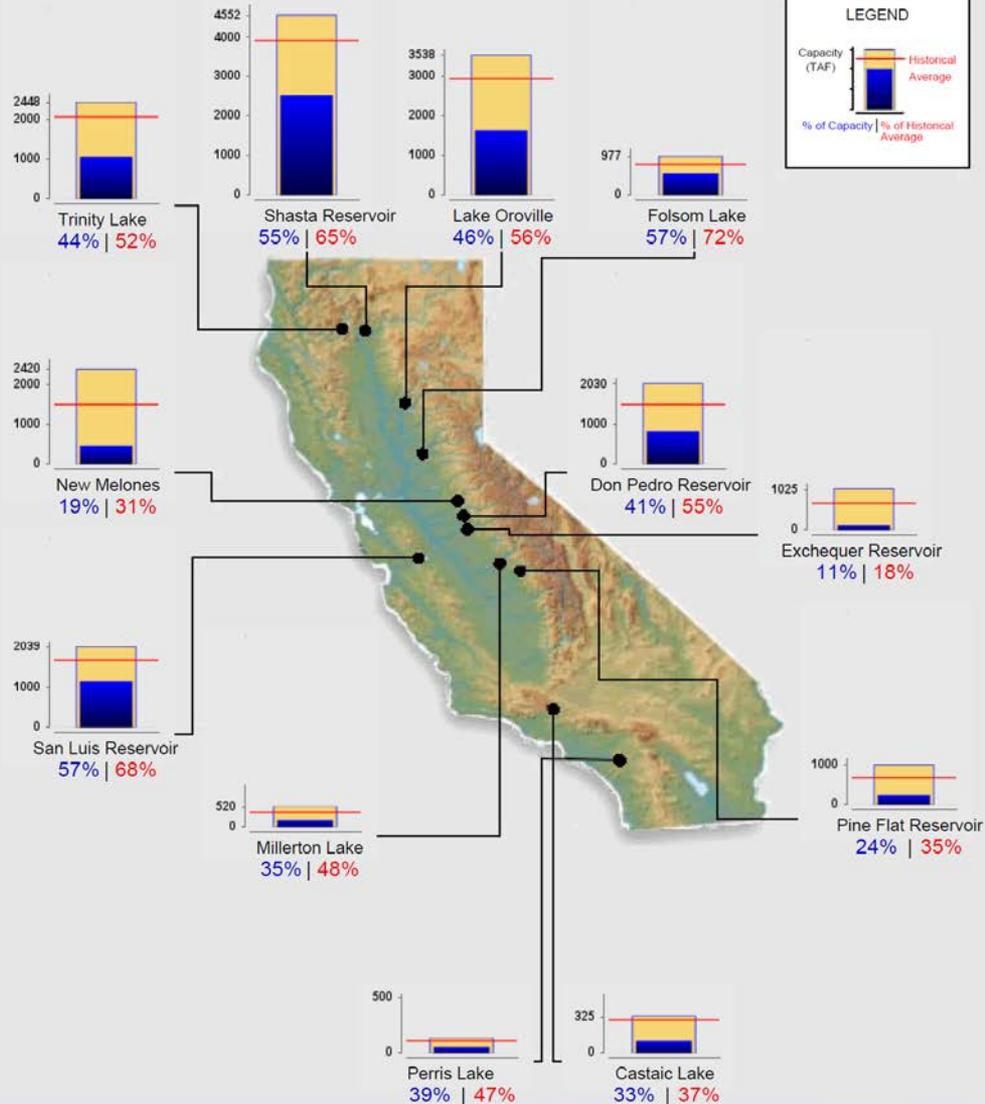
Record Warmest
(121)



Reservoir Conditions

Ending At Midnight - May 17, 2015

CURRENT RESERVOIR CONDITIONS



April-July 2015 Runoff Forecasts as of May 12th

(50% exceedance)

- Lake Shasta inflow – 39% of historical avg.
- Feather River at Oroville – 18%
- American River below Folsom Lake – 13%
- Tuolumne River below Don Pedro – 19%
- Merced River below McClure – 13%
- San Joaquin River below Millerton – 11%
- Kern River inflow to Isabella – 10%

Expected 2015 Water Supplies

Big Projects

- SWP allocation: 20%
- CVP allocation:
 - 0% Ag N and S of Delta
 - 25% M&I N and S of Delta
 - 0% Eastside & Friant
 - 25% American & in-Delta
 - 75% wildlife refuges
 - 75% water rts/settlement
- Colorado River: full apportionment

Small Water Systems

- Continuing challenges
- Also, private well owners

Drought Response Actions

- May 2013 Executive Order on water transfers
- Dec 2013 formation of Governor's Drought Task Force
- Jan 2014 Governor's emergency proclamation
- March 2014 drought relief legislation
- April 2014 proclamation of continued state of emergency
- Sep 2014 Executive Order for emergency drinking water assistance
- Dec 2014 Executive Order continuing CEQA waiver for specified actions
- March 2015 drought relief legislation
- April 2015 Executive Order



March 2014 Emergency Drought Relief Funding Highlights

\$549 million from the accelerated expenditure of voter-approved bonds, Proposition 84 and Proposition 1E, in the form of infrastructure grants for local and regional projects that are already planned or partially completed to increase local reliability, including recapturing of storm water, expanding the use and distribution of recycled water, enhancing the management and recharging of groundwater storage and strengthening water conservation.

\$30 million from the Greenhouse Gas Reduction Fund to the Department of Water Resources (DWR) for direct expenditures and grants to state and local agencies to improve water use efficiency, save energy and reduce greenhouse gas emissions from state and local water transportation and management systems.

\$14 million for groundwater management across the state, including assistance to disadvantaged communities with groundwater contamination exacerbated by the drought.

\$10 million from the Greenhouse Gas Emissions Fund for the California Department of Food and Agriculture to invest in irrigation and water pumping systems that reduce water use, energy use and greenhouse gas emissions.

\$15 million from the General Fund for Emergency Drinking Water Fund to address emergency water shortages due to drought.

\$13 million from the General Fund to augment the California Conservation Corps and local community conservation corps to expand water use efficiency and conservation activities and to reduce fuel loads to prevent catastrophic fires.

\$25.3 million from the General Fund for food assistance, which will be structured to maximize the potential federal drought assistance that can be provided to provide food assistance to those impacted by the drought.

\$21 million from the General Fund and federal funds for housing related assistance for individuals impacted by the drought.

March 2015 Emergency Relief Legislation

- Accelerate \$267 million from Proposition 1.
- Accelerate expenditures from Governor's January budget proposal and augment with \$31 million in additional expenditures for a total of \$132 million.
- Authorize \$31 million in new expenditures not included in January budget proposal: \$17 million for emergency food aid to 29 counties; \$4 million for emergency drinking water in disadvantaged communities; \$5 million to the Department of Water Resources to provide emergency drinking water support for small communities; \$1.4 million to DWR for public outreach on drought through the Save Our Water program; \$2.8 million to DWR and the Department of Fish and Wildlife for additional modeling support and species tracking in the Delta; and \$1 million to address critical infrastructure deficiencies at remote fire stations that have run out of water.
- Accelerate \$660 million from Governor's January budget proposal identified for Proposition 1E bond monies for flood protection.
- Accelerate \$30 million from Governor's January budget proposal for cap-and-trade revenue from programs that provide a reduction in greenhouse gas emissions and also deliver state and local water use efficiency and agricultural water use efficiency.

2015 May Revise

Figure DRT-01
Emergency Drought Response
(Dollars in Millions)

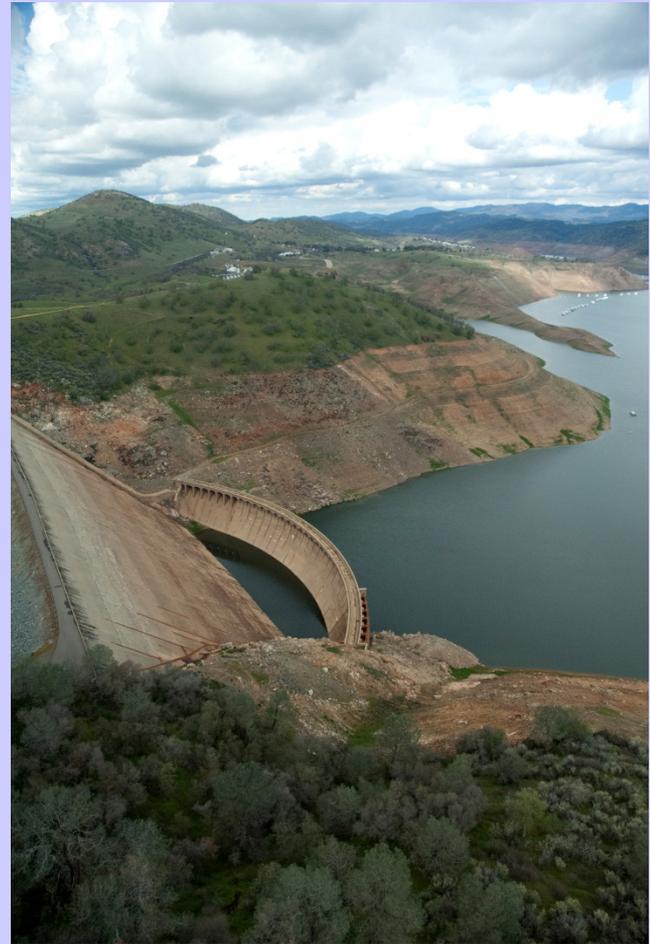
<i>Investment Category</i>	<i>Department</i>	<i>Program</i>	<i>May Revision</i>	<i>Fund Source</i>
Protecting and Expanding Local Water Supplies	Water Board	Groundwater Contamination	\$784.0	Proposition 1
	Water Board	Water Recycling	\$475.0	Proposition 1
	Water Board	Safe Drinking Water in Disadvantaged Communities	\$180.0	Proposition 1
	Water Board	Wastewater Treatment Projects	\$160.0	Proposition 1
	Water Board	Stormwater Management	\$100.0	Proposition 1
	Department of Water Resources*	Groundwater Sustainability	\$60.0	Proposition 1
	Department of Water Resources*	Desalination Projects	\$50.0	Proposition 1
Water Conservation	Department of Water Resources*/Energy Commission	Urban Water Conservation	\$104.0	Proposition 1/ Cap and Trade
	Department of Water Resources*/Department of Food and Agriculture	Agricultural Water Conservation	\$75.0	Proposition 1/ Cap and Trade
	Department of Water Resources/Energy Commission	Make Water Conservation a Way of Life	\$43.0	Proposition 1/ Cap and Trade
	Department of General Services	Water Conservation at State Facilities	\$23.4	General Fund/ Special Funds
Emergency Response	Department of Forestry and Fire Protection**	Enhanced Fire Protection	\$61.8	General Fund
	Office of Emergency Services	California Disaster Assistance Act	\$22.2	General Fund
	Department of Water Resources	Removal of Emergency Salinity Barriers in the Delta	\$22.0	General Fund
	Department of Community Services and Development	Farmworker Assistance	\$7.5	General Fund
	Department of Housing and Community Development	Rental Relocation Assistance	\$6.0	General Fund
	Water Board	Executive Order Implementation	\$1.4	General Fund
Total			\$2,175	

* Amounts include funding proposed in Governor's Budget and additional funding in May Revision.

** Proposed in the Governor's Budget

2015 Activities

- SWP/CVP drought contingency plan
- Emergency assistance for small water systems & private well owners
- SWRCB regulatory actions
- Increased focus on groundwater conditions (CASGEM & SGMA)
- Impact monitoring (fallowed ag land, Central Valley land subsidence)
- Ongoing financial assistance programs



2015 Emergency Salinity Barrier

