

Upcoming Meetings

- **5/14/09 Sacramento Watershed Forum - Sacramento**
- **5/15/09 CWP North Lahontan workshop - Susanville**
- **5/22/09 Regional tribal water meeting - Sacramento**
- **5/29/09 20x2020 Public Draft Plan workshop – Sacramento**
- **6/3/09-6/10/09 Central Valley Flood Management Planning workshops**
- **6/16/09 CWP Scenario/portfolio/graphics workshop - Sacramento**

2009 California Water Plan
Regional Workshops
Related Statewide Water Initiatives

FloodSAFE Updates

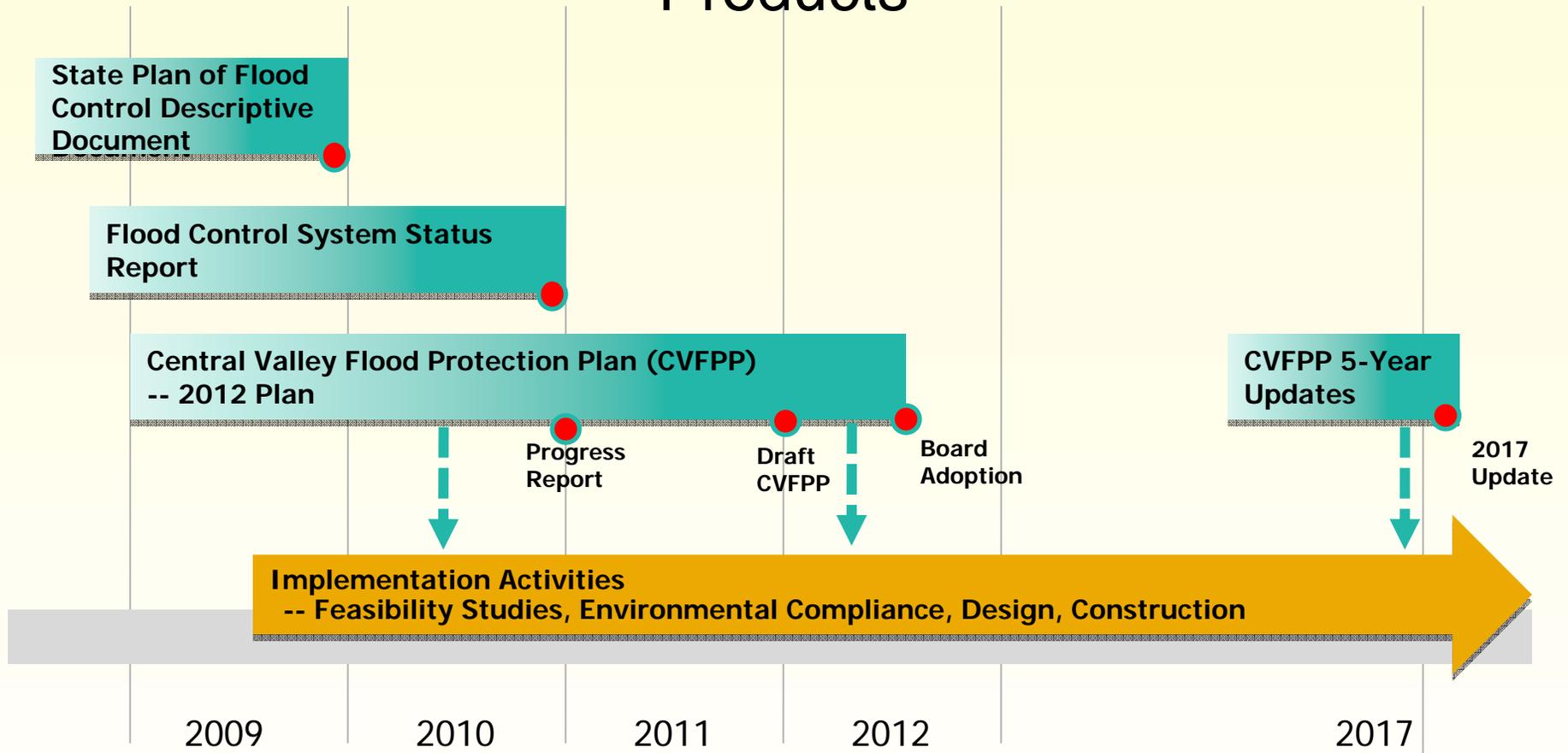
May 2009

Central Valley Flood Management Planning Process

- Draft FloodSafe Strategic Plan released June 2008 (www.water.ca.gov/floodsafe/plan)
- Public workshops planned June 2009
- Key Future Milestones
 - Dec 31, 2009 – SPFC completion
 - Dec 31, 2010 – FCSS completion
 - Jan 1, 2012 – CVFPP completion
 - July 1, 2012 – CVFPP adoption



Central Valley Flood Management Planning Products



Key: ● Milestone Document

FloodSAFE Regional Forum Schedule

- June 3 Upper Sacramento Valley (Chico)
- June 4 Lower San Joaquin Valley
(Modesto)
- June 8 Delta (Isleton)
- June 9 Upper San Joaquin Valley
(Los Banos)
- June 10 Lower Sacramento Valley
(Sacramento)

Central Valley Floodplain Evaluation and Delineation



- Best Avail. Maps complete (www.water.ca.gov/floodmgmt)
- Initial LFPZ maps released in Dec
- Add'l evaluations underway w/FEMA participation
- Key Future Milestones
 - July 2009 – Building Code Standards Update recommendations
 - Sep 1, 2009 – Written notices to landowners in LFPZs
 - Dec 2011 – Final floodplain delineation

Levee Evaluations and Repairs

- Urban Levee Evaluation
 - Evaluations continuing
 - Final reports 2010/2011
- Non-Urban Levee Evaluation
 - Outreach planned May/June
 - Explorations to begin Fall 2009
- Levee Repairs
 - Erosion repairs continuing Summer 2009 (SRBPP/PL84-99)

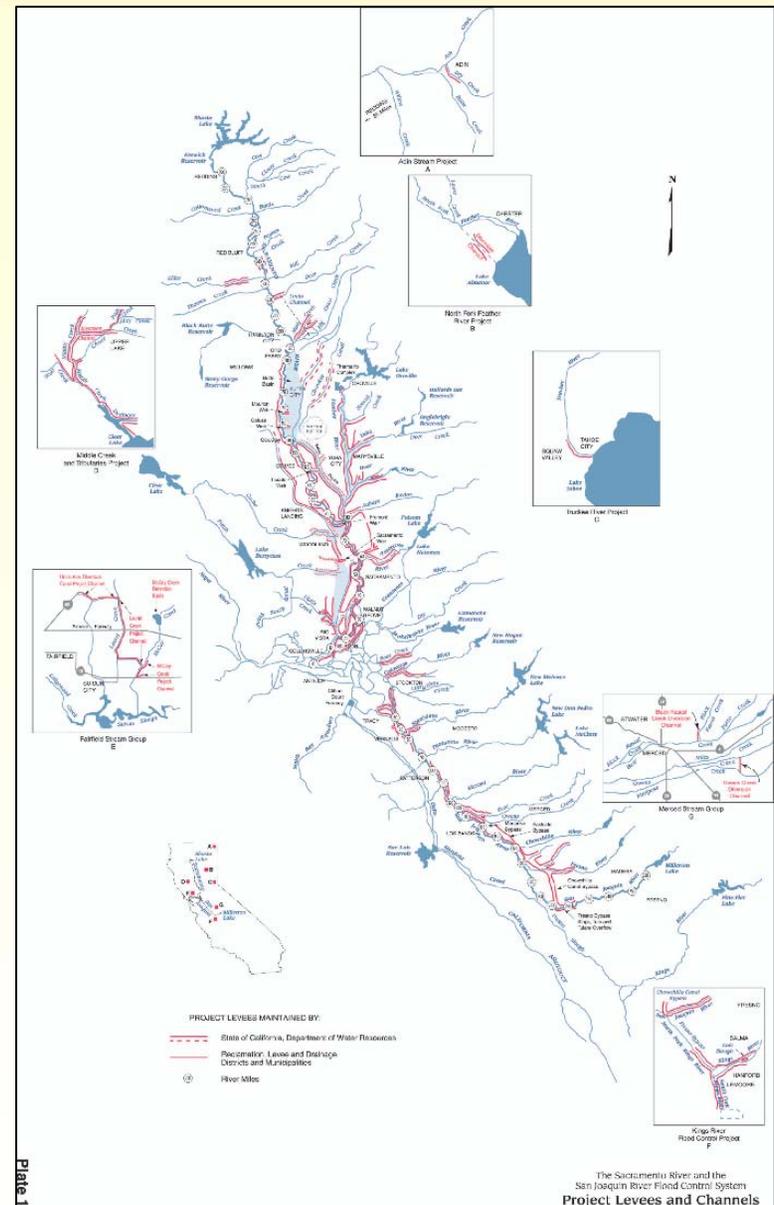
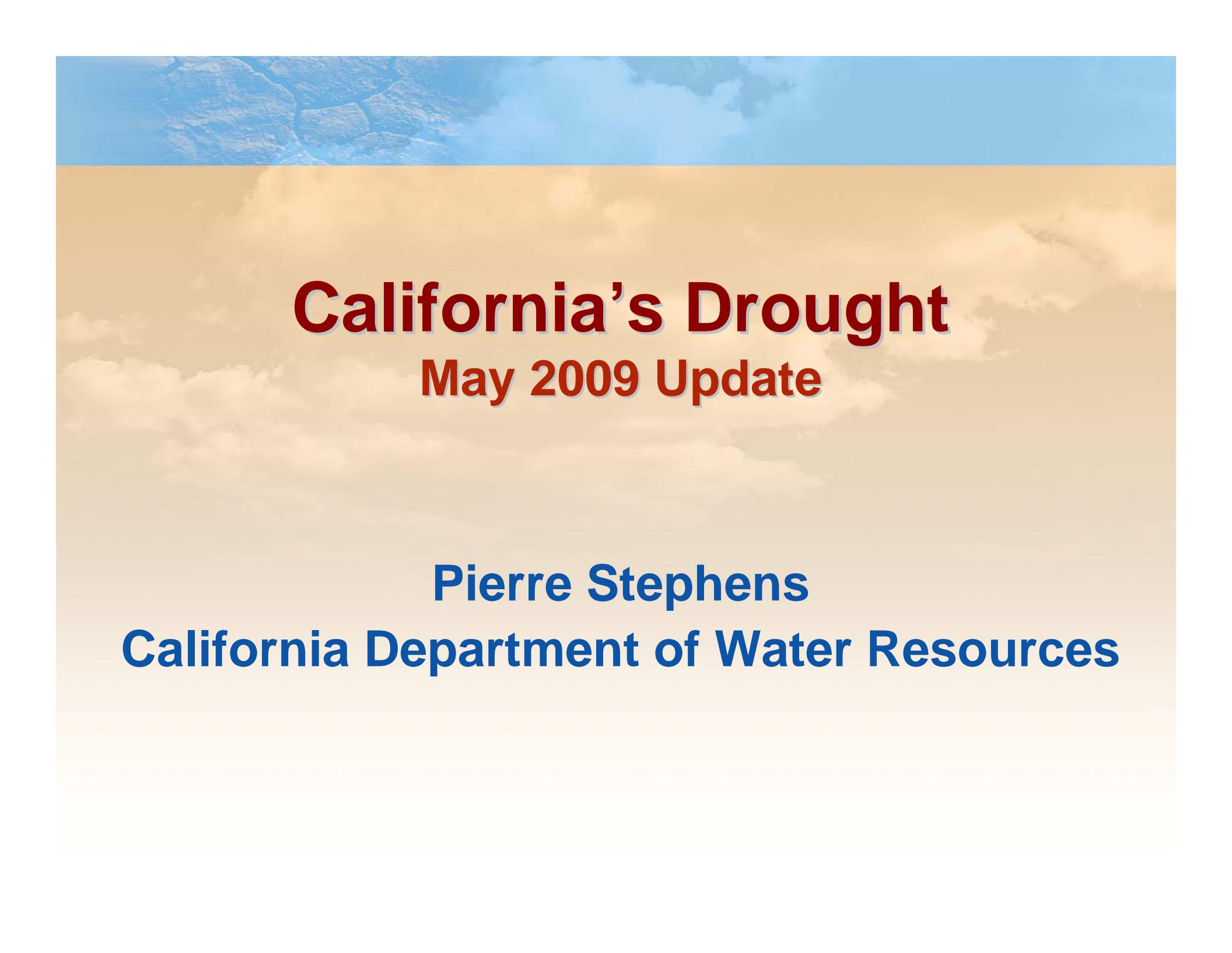


Plate 1



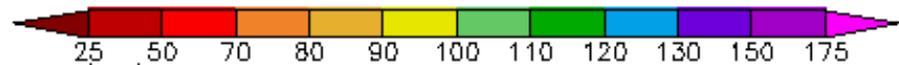
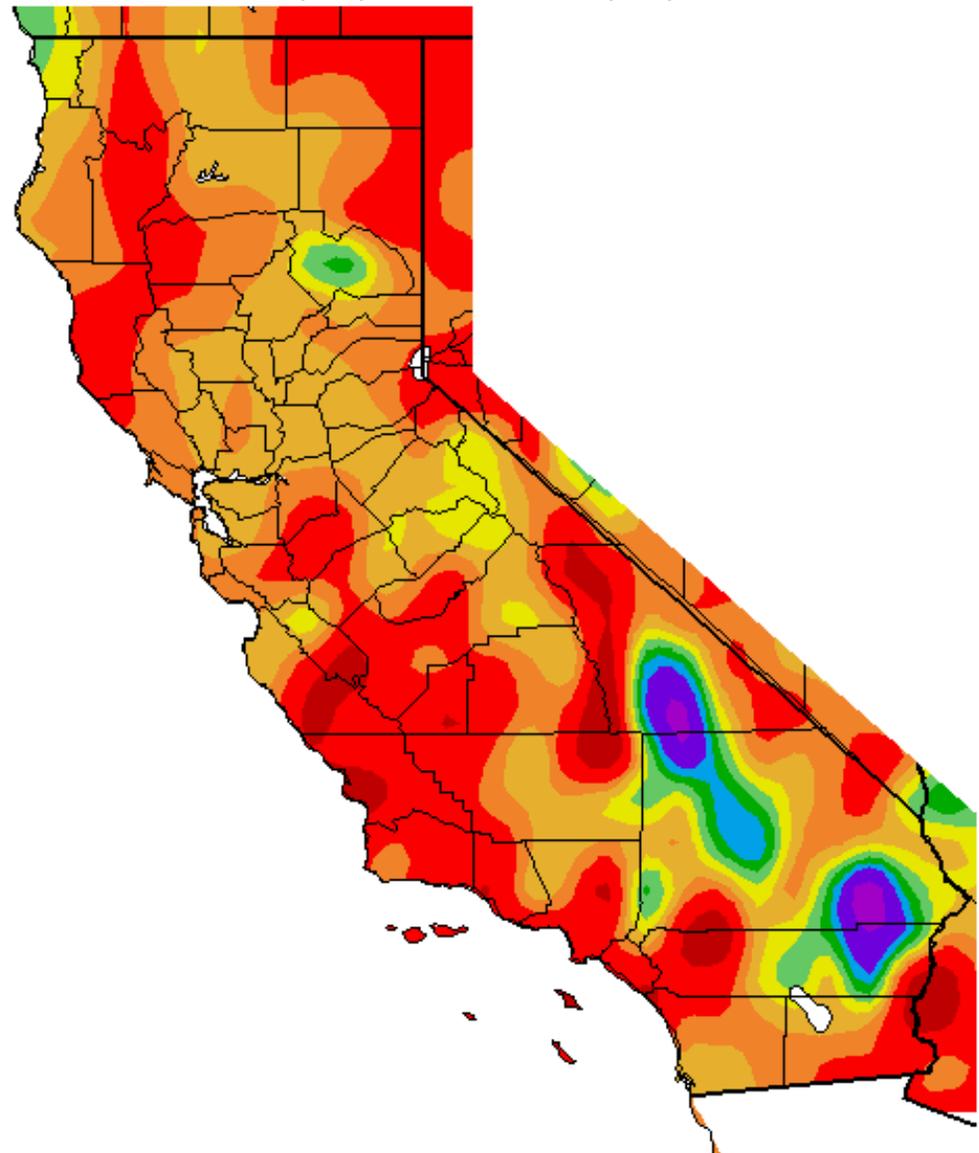
California's Drought

May 2009 Update

Pierre Stephens
California Department of Water Resources

**Precipitation
Water year
2009 to date**

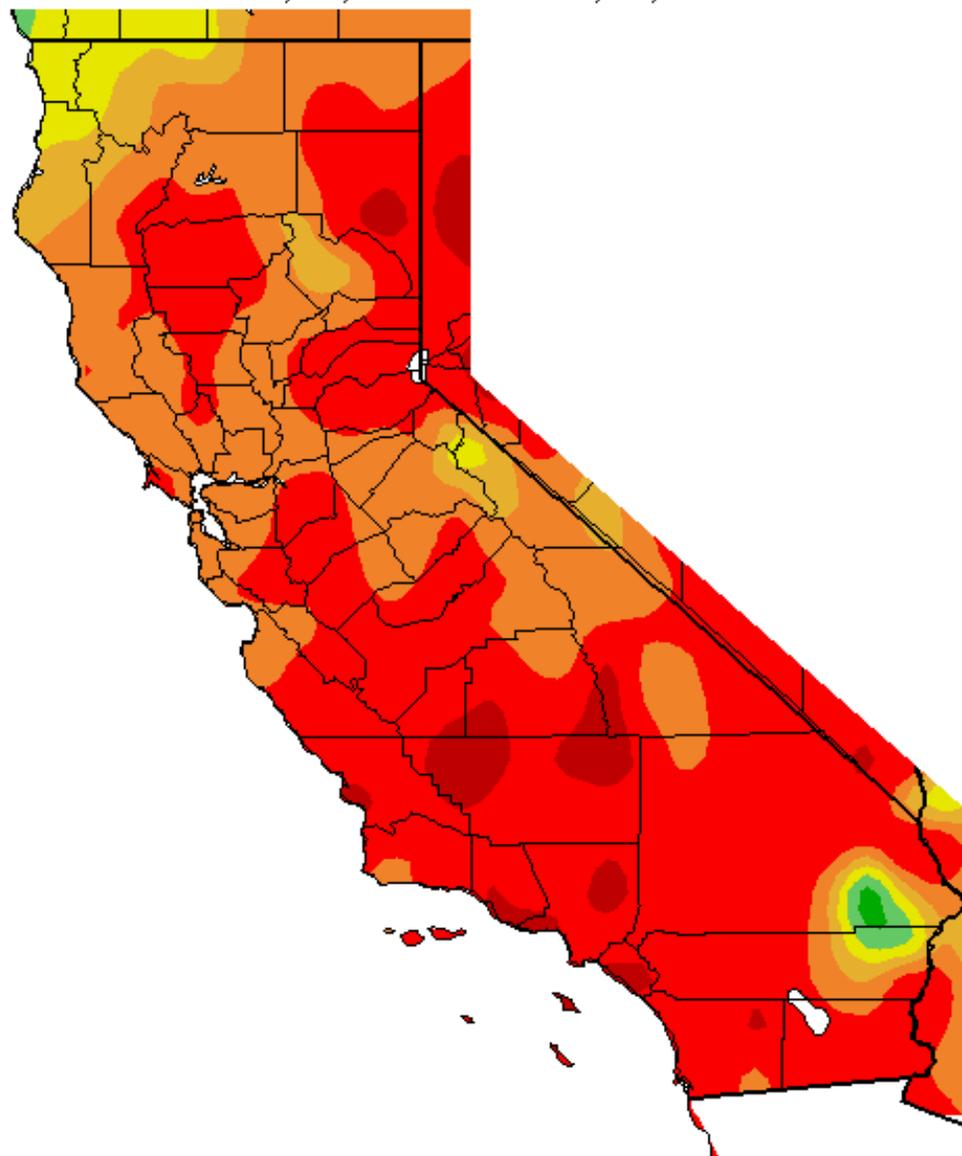
Percent of Average Precipitation (%)
10/1/2008 – 5/6/2009



Generated 5/07/2009 at WRCC using provisional data.
NOAA Regional Climate Centers

Precipitation 36 month total

Percent of Average Precipitation (%)
5/8/2006 – 5/7/2009



25 50 70 80 90 100 110 120 130 150 175
Generated 5/08/2009 at WRCC using provisional data.
NOAA Regional Climate Centers

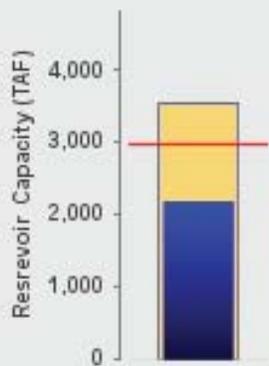


Reservoir Conditions - Lake Oroville



Lake Oroville Conditions

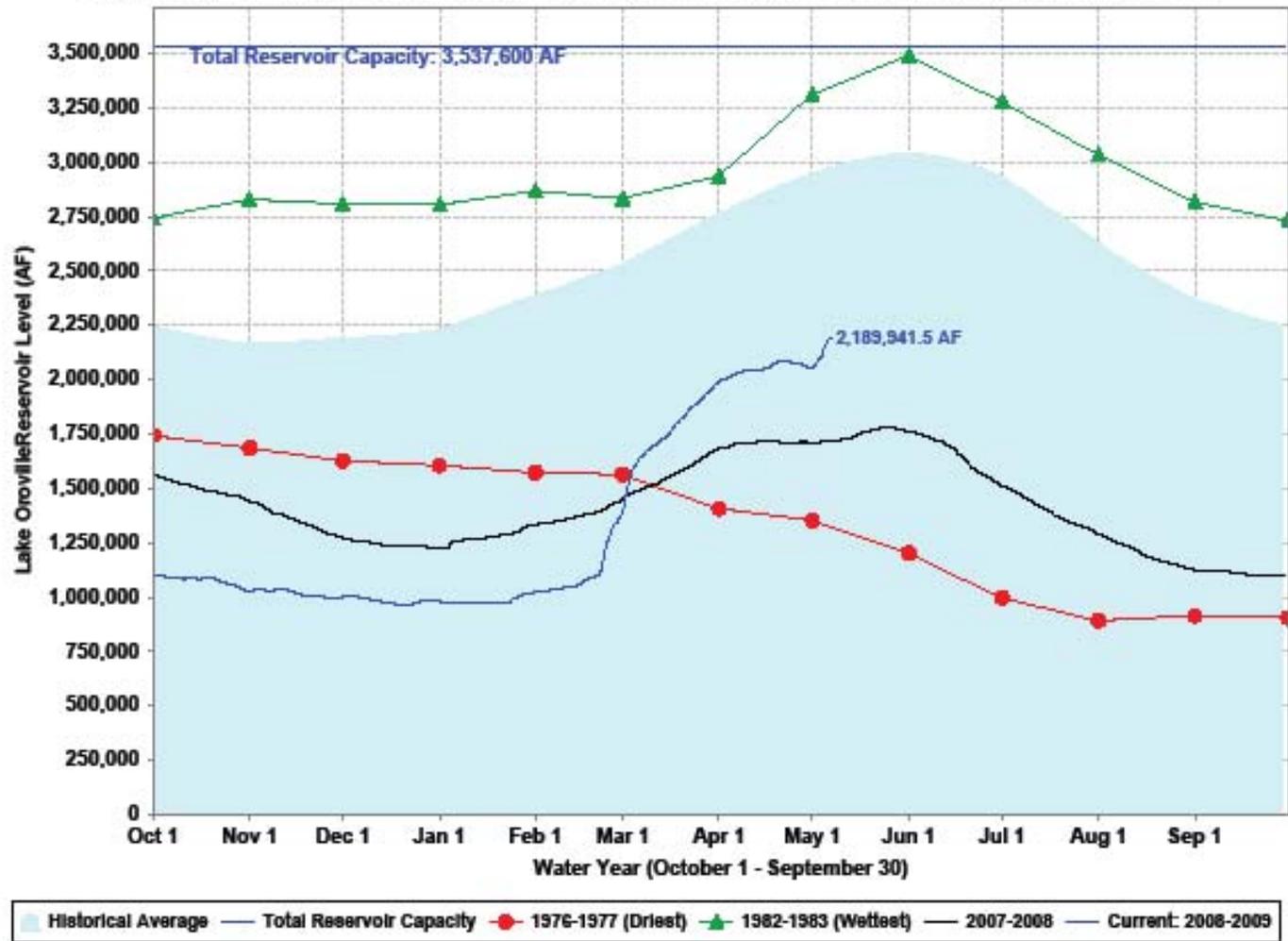
(as of Midnight - May 7, 2009)



Current Level: 2,189,941.5 AF

62% (Total Capacity) | 74% (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight May 7, 2009



Current Reservoir Conditions



Lake Oroville 2/3/2009

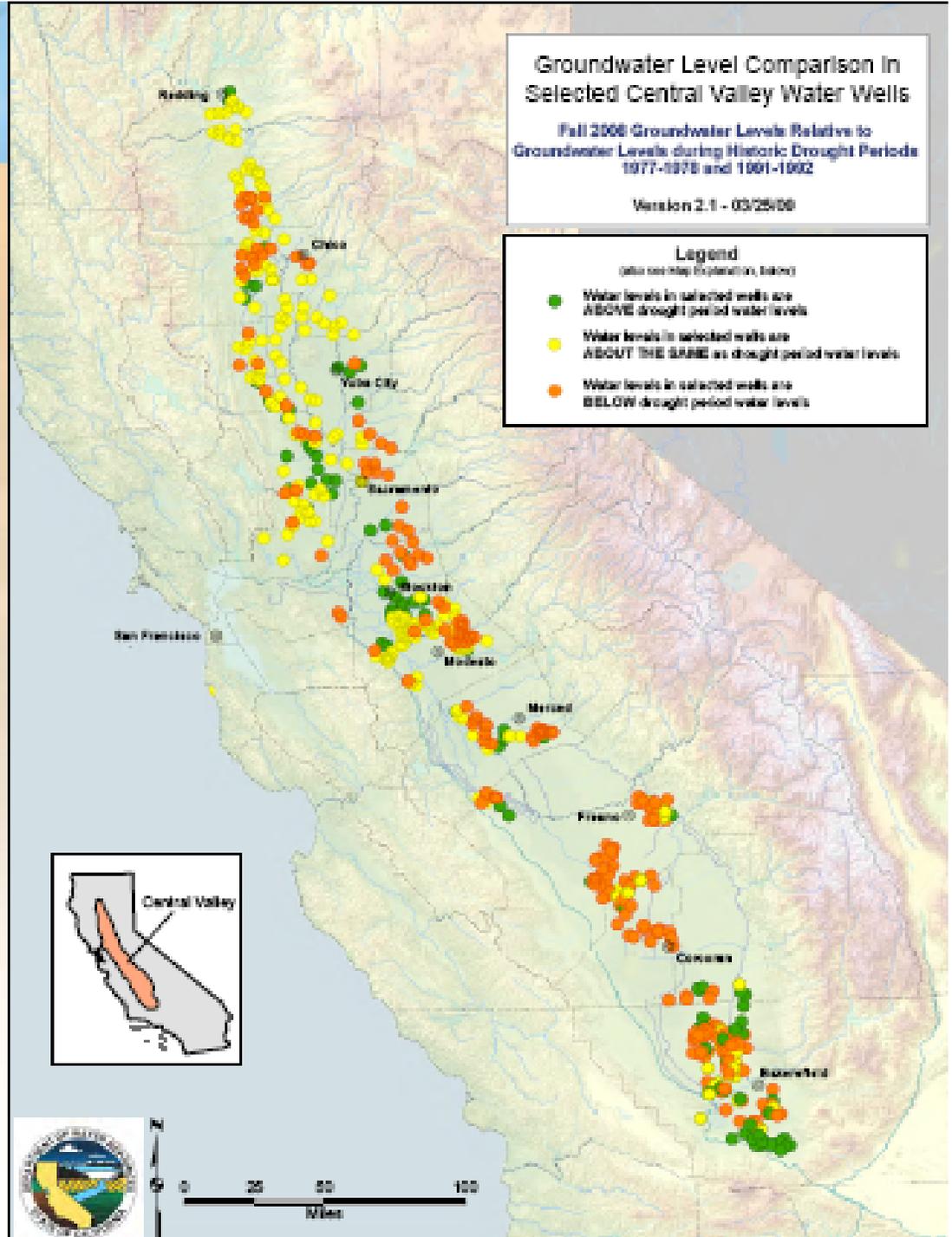
	% Avg	% Cap
Shasta	76	67
Oroville	71	59
San Luis	51	46

- Oroville 2008 - lowest carryover storage since 1977, lowest Jan 1 storage level ever
- San Luis 2009 – lowest high point

As of 5-4-09

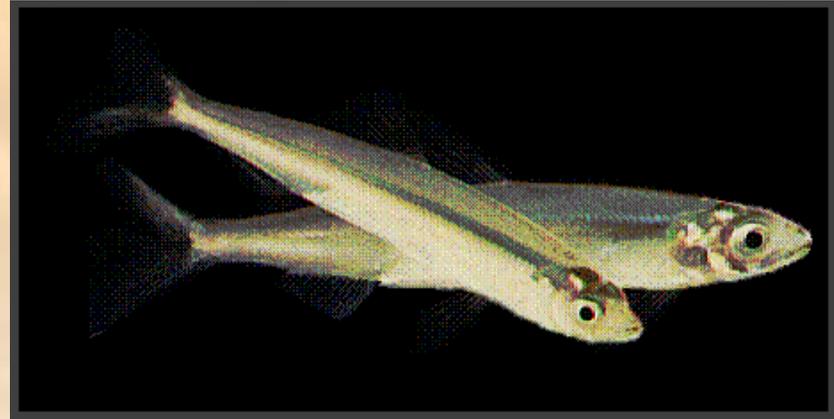
Groundwater

- Water levels **ABOVE** drought period water levels
- Water levels About the **SAME** as drought period water levels
- Water levels **BELOW** drought period water levels



Drought 1991 vs. 2009

- 10 million new residents
- Shift from row crops to permanent crops
- Fish species at risk
- Restrictions reduce flexibility of water operations
- Climate change



Drought Impacts - Fire



- More than **16,000** fires
- More than **1.6M** acres burned
- **13** lost lives
- State firefighting cost nearly **\$1B**
- More than **4000** structures destroyed
- Rainfall puts fire damaged areas at high risk

2009 Projected Economic Impacts

- 2009 job loss -
16,200-23,700
- 2009 income loss -
\$440-644 million
- Farm revenue loss -
\$325-477 million

(excluding livestock, dairies,
dryland range & pasture)



Other Drought Impacts

- **2009 Emergency Declarations**
 - Mendocino
 - Fresno
- **Mandatory Rationing**
 - 28 water agencies
- **Voluntary Conservation**
 - 57 water agencies
- **Economic development**
- **Hydropower generation**
- **Recreation**
- **Air Quality**
- **Small systems at risk**



2009 Drought Emergency Proclamation

- **Expedites drought water bank/other transfers**
- **Calls for immediate conservation and statewide campaign**
- **Requires state agency water use reduction**
- **Mobilizing CAL-EMA drought response actions**
- **Trigger emergency exemptions in CEQA for priority drought relief projects**
- **Calls for permit streamlining for drought projects**



Drought Portal

- www.water.ca.gov/drought

The screenshot shows a Microsoft Internet Explorer browser window displaying the California Department of Water Resources (DWR) Drought Portal. The browser's address bar shows the URL <http://www.water.ca.gov - Drought Conditions - Microsoft Internet Explorer>. The page header includes the DWR logo and navigation tabs for Home, Newsroom, Flood & Safety, Planning, State Water Project, Funding, Environment, Supply & Use, and Data. A search bar is located in the top right corner.

The main content area features a large banner with the text "California's DROUGHT Year 3". To the left of the banner is a "Drought Condition" indicator showing a scale from green to red, with the word "SEVERE" highlighted in a yellow circle. Below the banner is a large graphic of the state of California with the text "So, just how bad is it?" and "After three dry years, all the factors influencing California's water supply are suffering." A link "click here to continue" is positioned below the graphic.

On the left side of the page, there is a "RESOURCES" section with a list of links:

- Drought Home
- 2009 Drought Actions
- Recent Drought News
- Videos
- Still Photographs
- Recent Drought History
- Governor's Declarations
- State Water Project
- Drought Links
- Drought Information Contacts

At the bottom of the page, there are three columns of information:

- Current Conditions**: Snowpack, precipitation, reservoir
- Assistance**: DWR is providing both technical and
- Drought Water Bank**: To help facilitate water transfers

Questions?



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Finding a way from them to us

