



**AGENDA REPORT
CITY COUNCIL AND BOARD OF TRUSTEES
JOINT MEETING**



March 17, 2014

TITLE: DROUGHT EMERGENCY DECLARATION STAGE I PRESENTATION

RECOMMENDATION

Receive presentation from City staff regarding Stage I Drought Declaration and proposed City water conservation strategies.

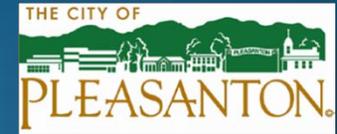
SUMMARY

The City declared a Stage I drought in February in response to the Governor's declaration that residents voluntarily conserve 20% of their water consumption. Shortly after the Governor's declaration, the State Water Project informed the Tri-Valley cities and Zone 7 that the area's annual water allocation, which supplies water through the South Bay Aqueduct, would be shut off in the coming months based on record-low rainfall and Sierra snowpack in 2013 and projected through the end of 2014.

The City has set into motion a comprehensive plan for dealing with Stage I voluntary conservation, as well as the strong likelihood of Stage 2, 3 or 4 mandatory conservation in the future. This presentation is being offered to the joint School Board and City Council meeting as a way to outreach to the community regarding City strategies and to underscore the importance of partnership with the district during this drought period.

Respectfully Submitted,

Nelson Fialho
City Manager



California Drought Declarations February 4, 2014

City of Pleasanton
Plan of Action

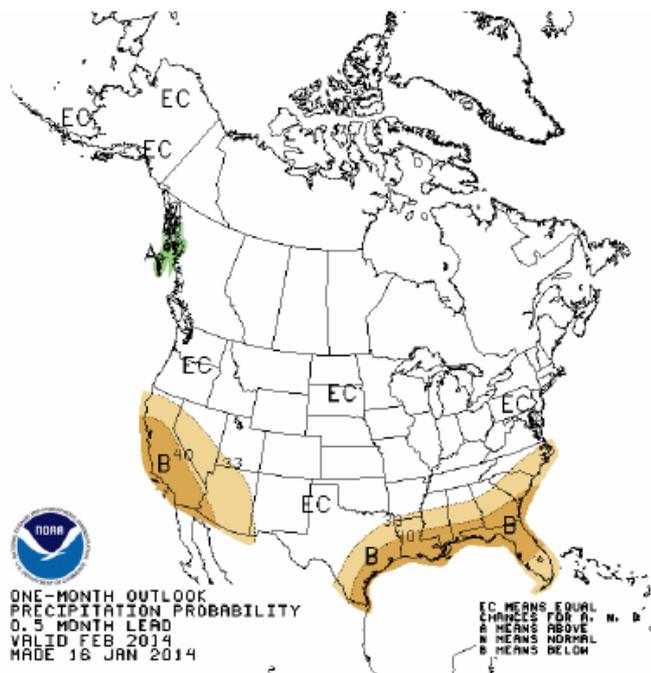
2014 Dry Conditions



January 2014 has been very dry, and there has been minimal snow.

Conditions are getting worse...

Even drier actual conditions than used in the initial models...and dry conditions forecasted to persist.



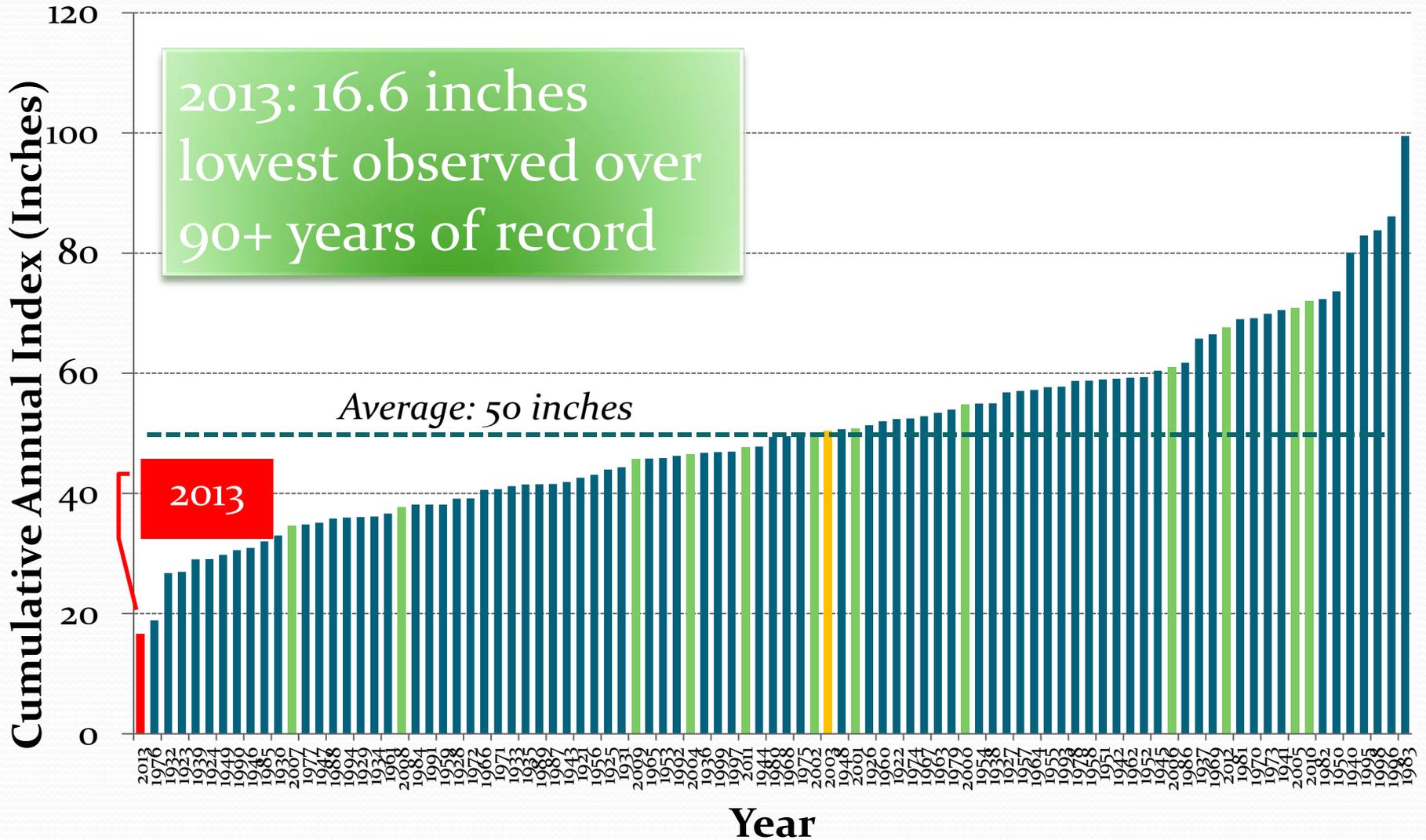
30 – Day Precipitation Outlook

(16 Jan 2014) – suggests increased chances of below normal precipitation for February for all of California.

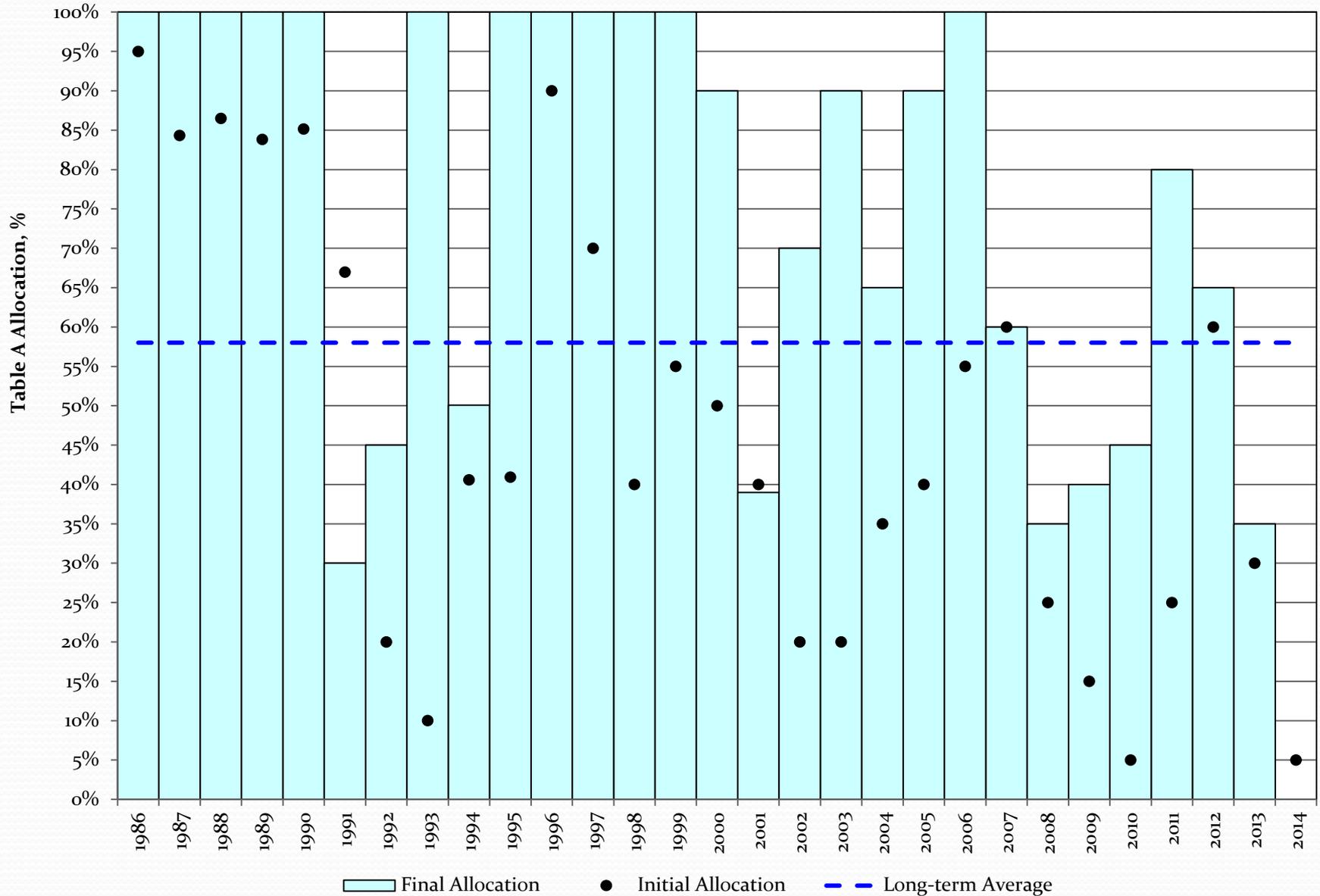
look

increased
precipitation
for all of

Precipitation in the Northern Sierras:



SWP Allocation History



State Water Project



❖ SWP System

- Delivers the year's "Table A" allocation
- Other SWP water
- Other water, when capacity is available

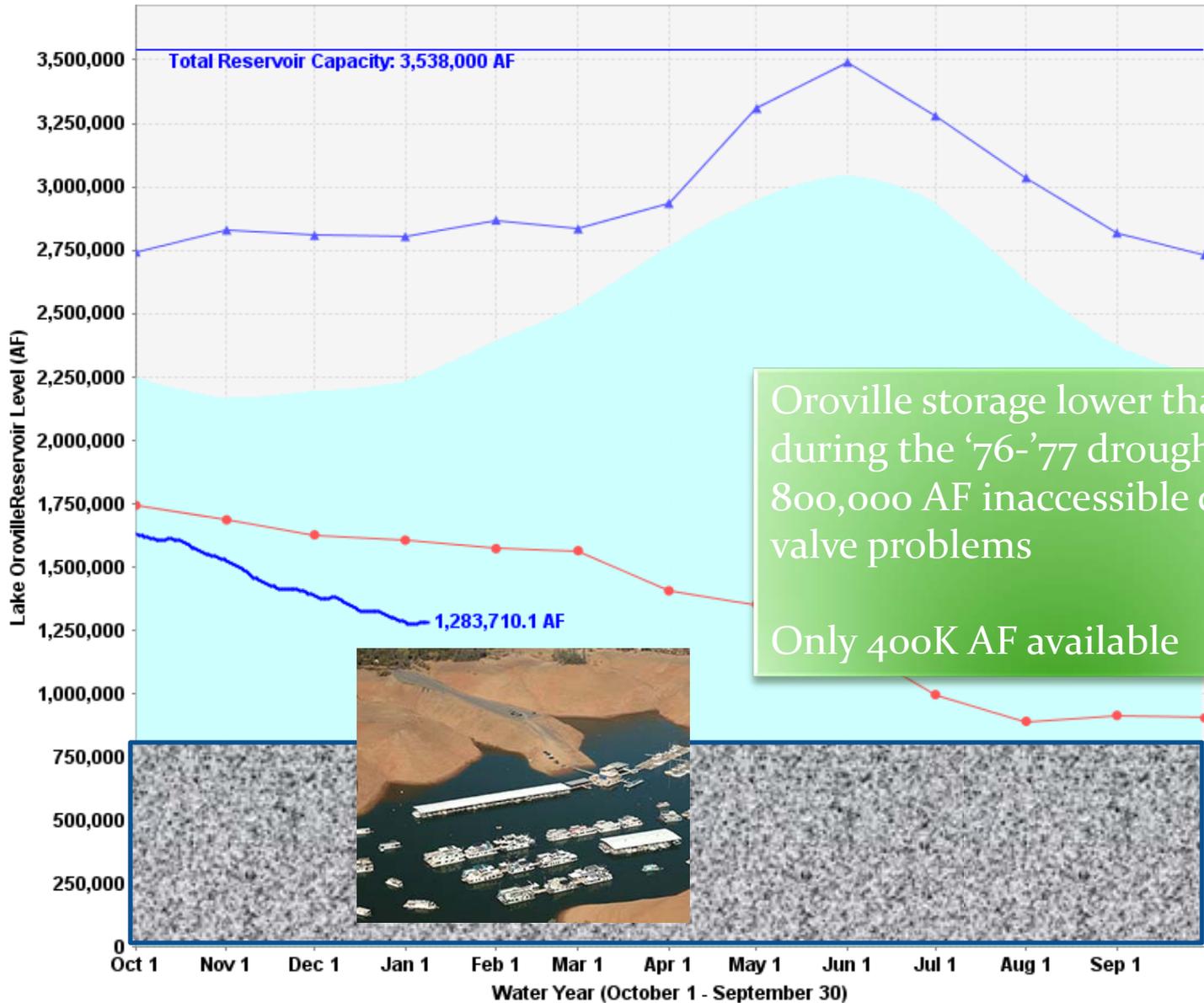
❖ 29 SWP Contractors:

- 23 Mostly M&I
- 6 Mostly Agricultural

❖ Water Supply Contracts

- 4,200,000 AF in Table A amounts
- South Bay Aqueduct: 220,000 AF or 5% of Table A

Lake Oroville Storage Levels

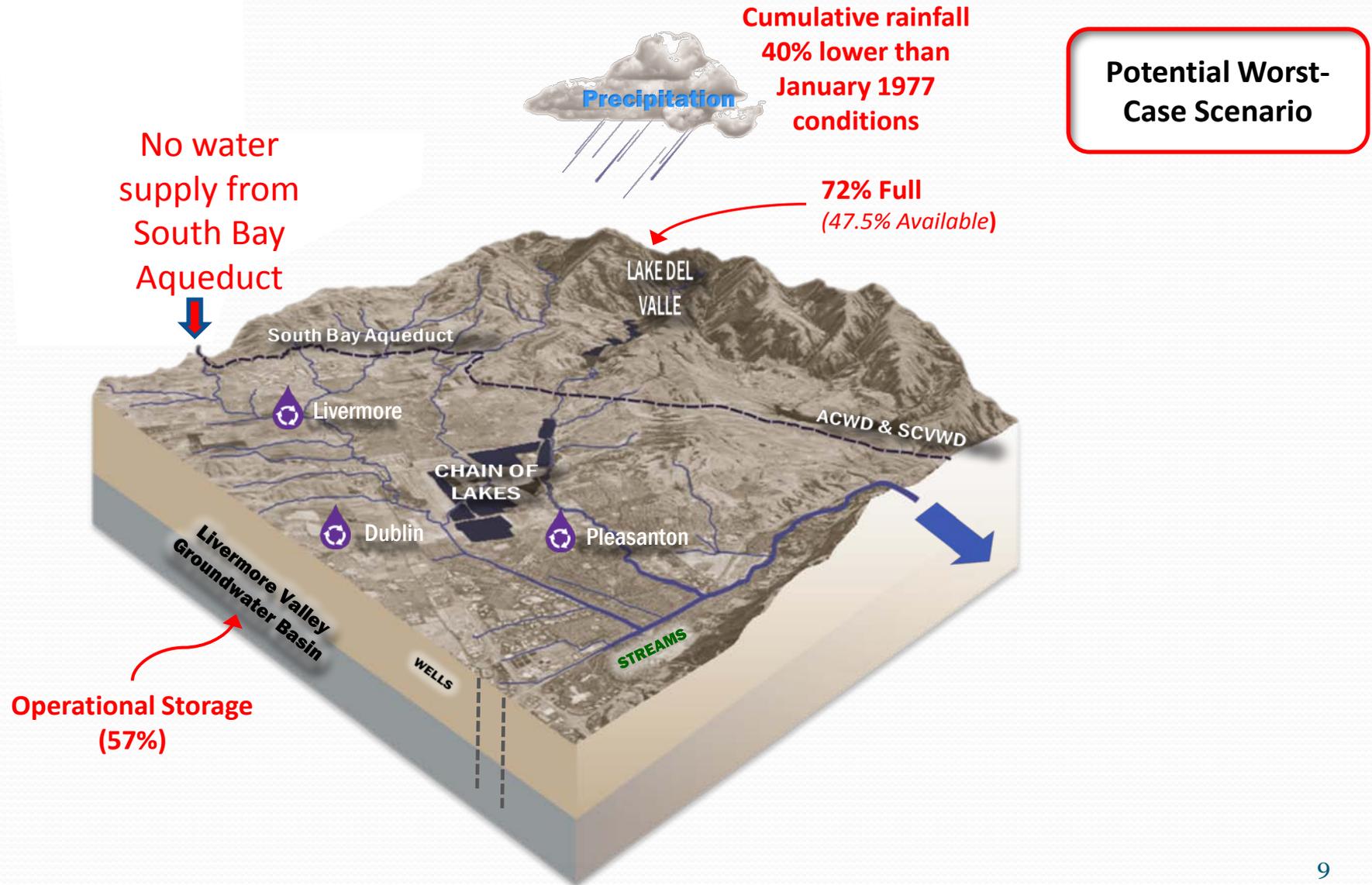


Oroville storage lower than during the '76-'77 drought, with 800,000 AF inaccessible due to valve problems

Only 400K AF available

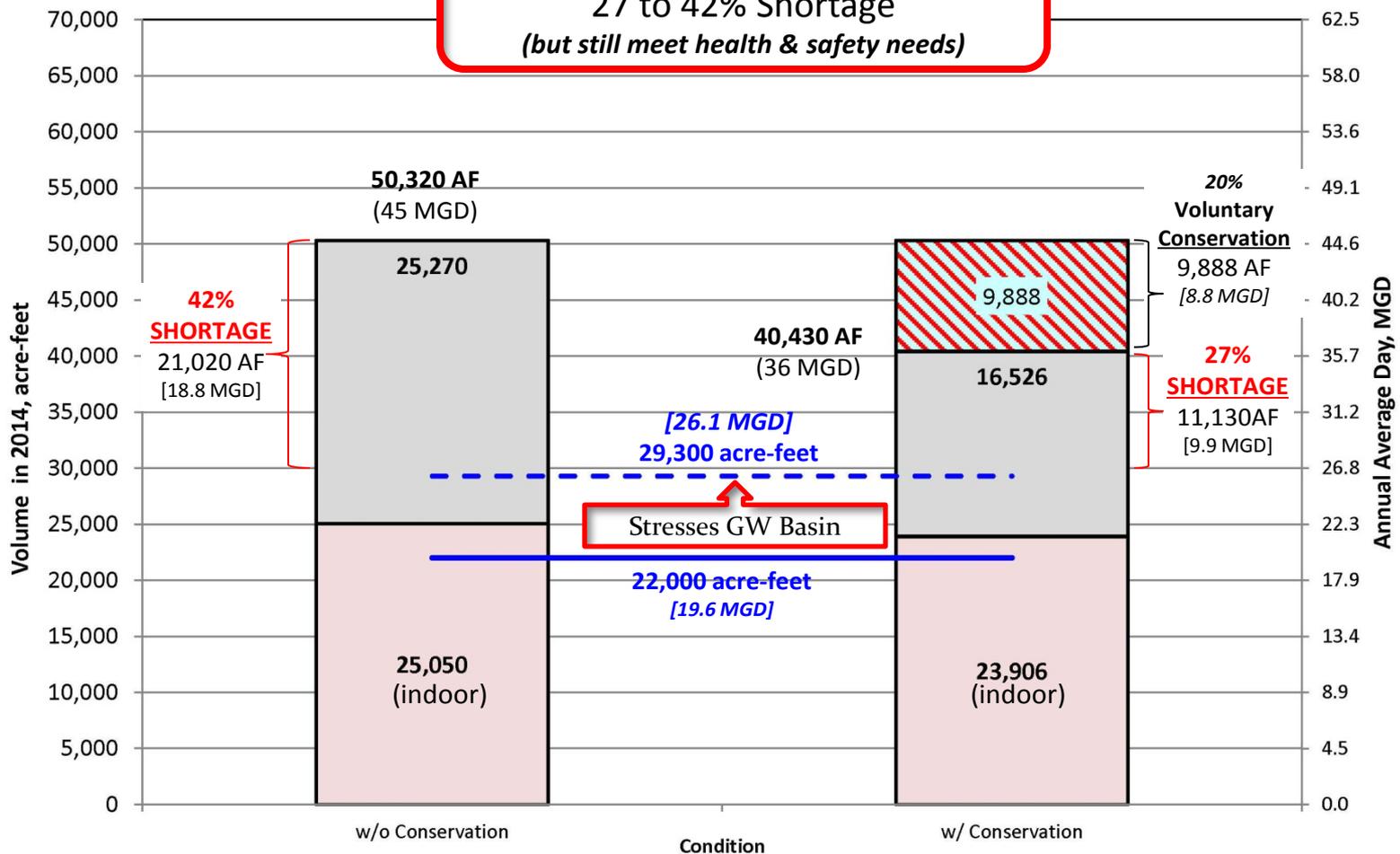
■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977 (dry)
 ▲ 1982-1983 (wet)
 — 2013-2014(current)

Local Water Supply conditions: 2014



2014 supply & Demand: Worst-Case

Potential Worst-Case Scenario:
 27 to 42% Shortage
(but still meet health & safety needs)

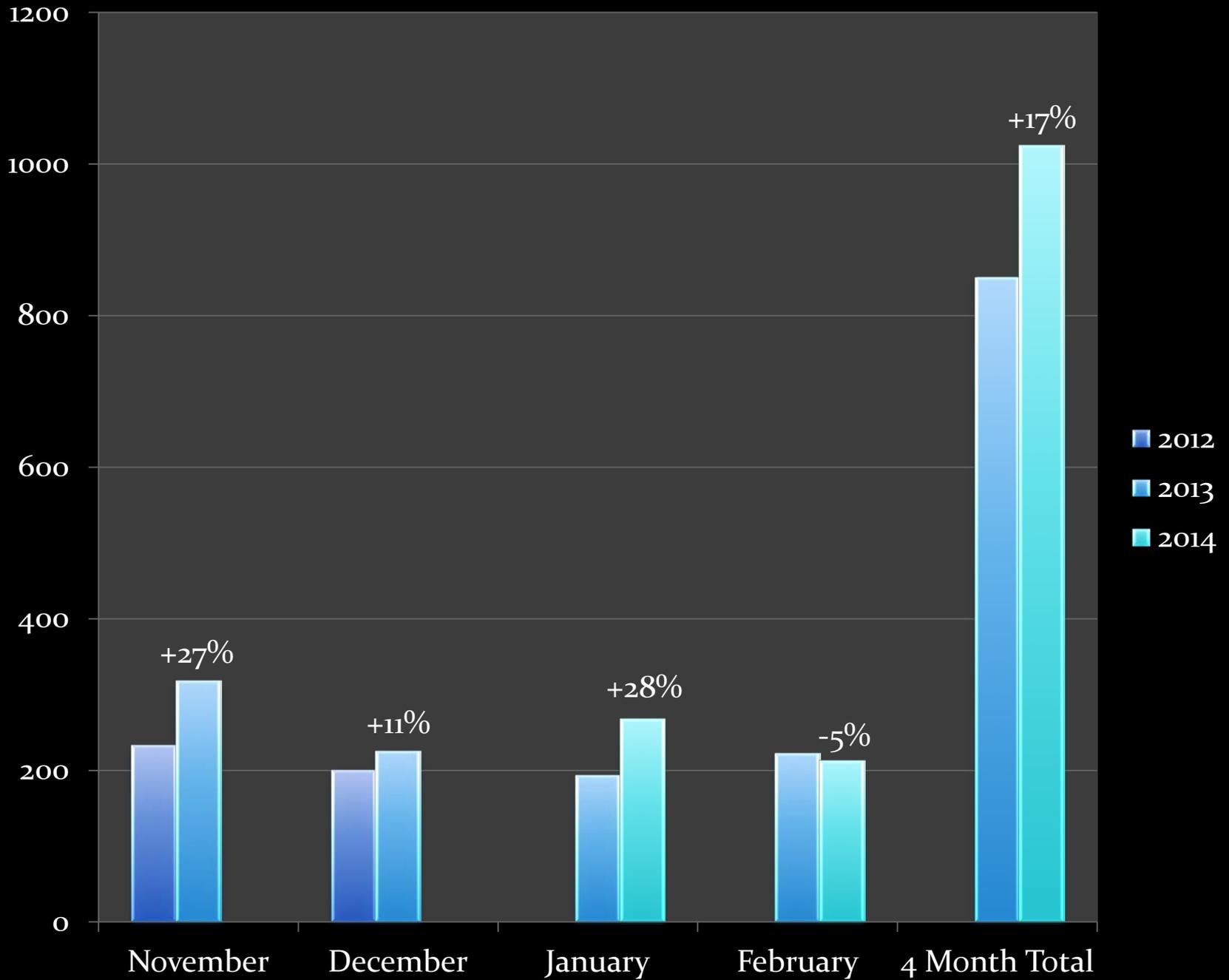


Pleasanton's Action Plan:

- Declare Stage 1 Drought Emergency (20% voluntary reductions)
- Activate drought task force
- Update Legal drought planning and authority per State request
- Educate our community on the 2014 drought
- Accelerate recycled water project in Pleasanton



Million
Gallons



Water Shortage Stages

Stage	Overall Reduction	Voluntary or Mandatory
1	Up to 20%	Voluntary
2	Up to 20%	Mandatory
3	Up to 35%	Mandatory
4	35% or more	Mandatory

Questions?