EAST BAY MUNICIPAL UTILITY DISTRICT

Estates Reservoir Replacement Project
Supplemental EIR

Board of Directors

December 10, 2013

Purpose of the SEIR

Project Change to the Certified 2010 EIR

- Perimeter path relocation
- Tree removal
- Clarification Interpretive Sign

Public Views, Pre- and Post-Tree Removal Simulation

Public Views- continued

before

after

VIEW E - TREE #24

before

after

VIEW F - TREE #61

Public Comments

- Improved Path - the dead-end path will attract loiterers, dangerous, especially during nights, and evenings

- Tree Removal – reasons to remove trees are very subjective and create spaces for people to gather, late-night hangouts, trash buildup, traffic, vandalism and neighborhood safety will be compromised

- Interpretive Sign – The sign will attract loiterers, inappropriate for this location, signage area cleared by EBMUD to accommodate it, trees or bushes should be planted

Clearings Next to Roadside

Tree 9

Tree 24

Tree 27

Next Steps

- **Board Determination** **December 10, 2013**
- **Complete improvements** **by March 2014**

Recommended Action

- Certify the Final Supplemental EIR for the Estates Reservoir Replacement Project and make findings in accordance with CEQA
- Adopt the Mitigation Monitoring & Reporting Program as revised in accordance with CEQA
- Approve the proposed revisions to the Estates Reservoir Project

EBMUD 1923 2013

EAST BAY MUNICIPAL UTILITY DISTRICT

Water Supply Briefing

Water Supply Engineering

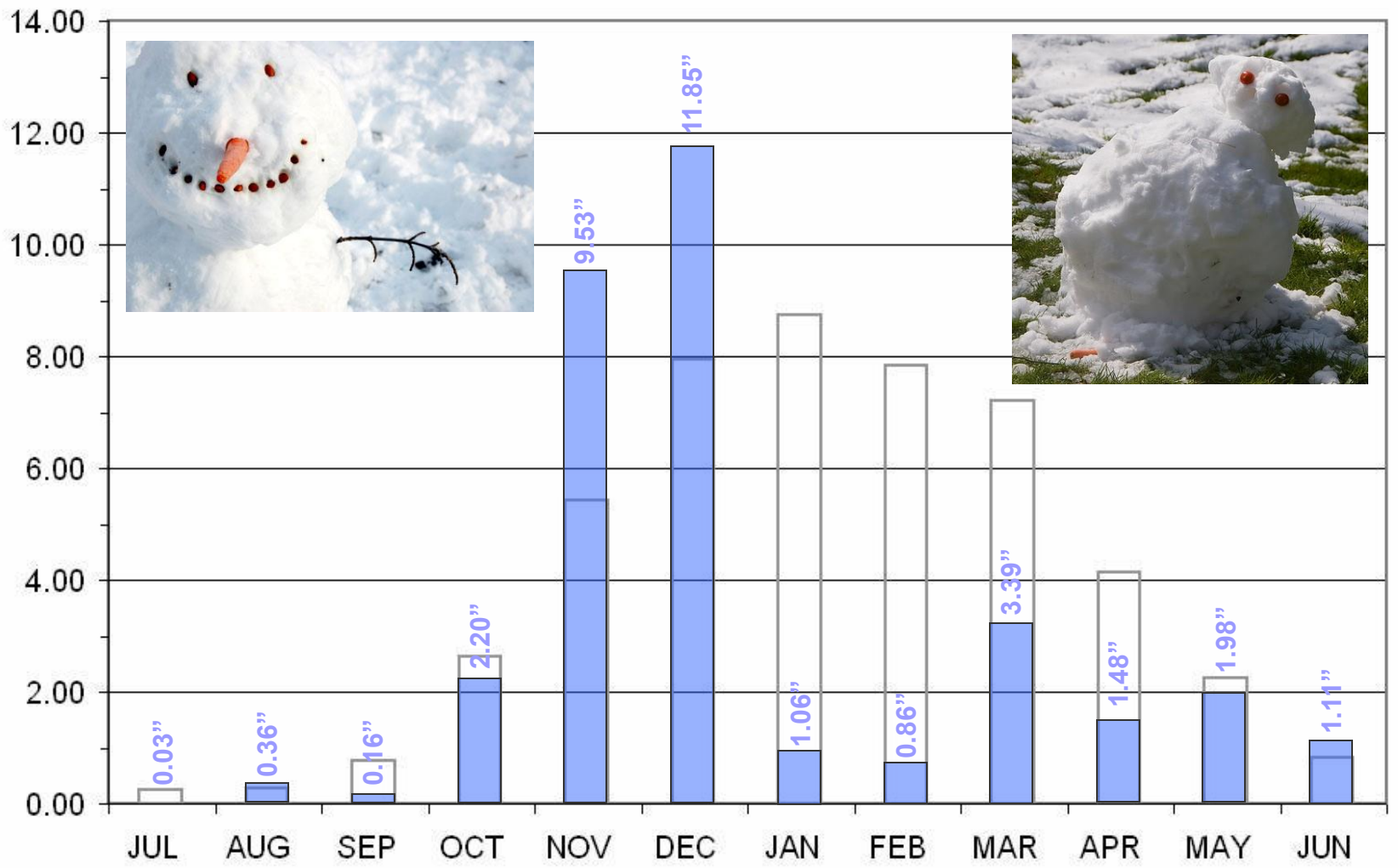
December 10, 2013

Water Supply Briefing

- Review of 2013
- Precipitation
- Water Production
- Reservoir Storage

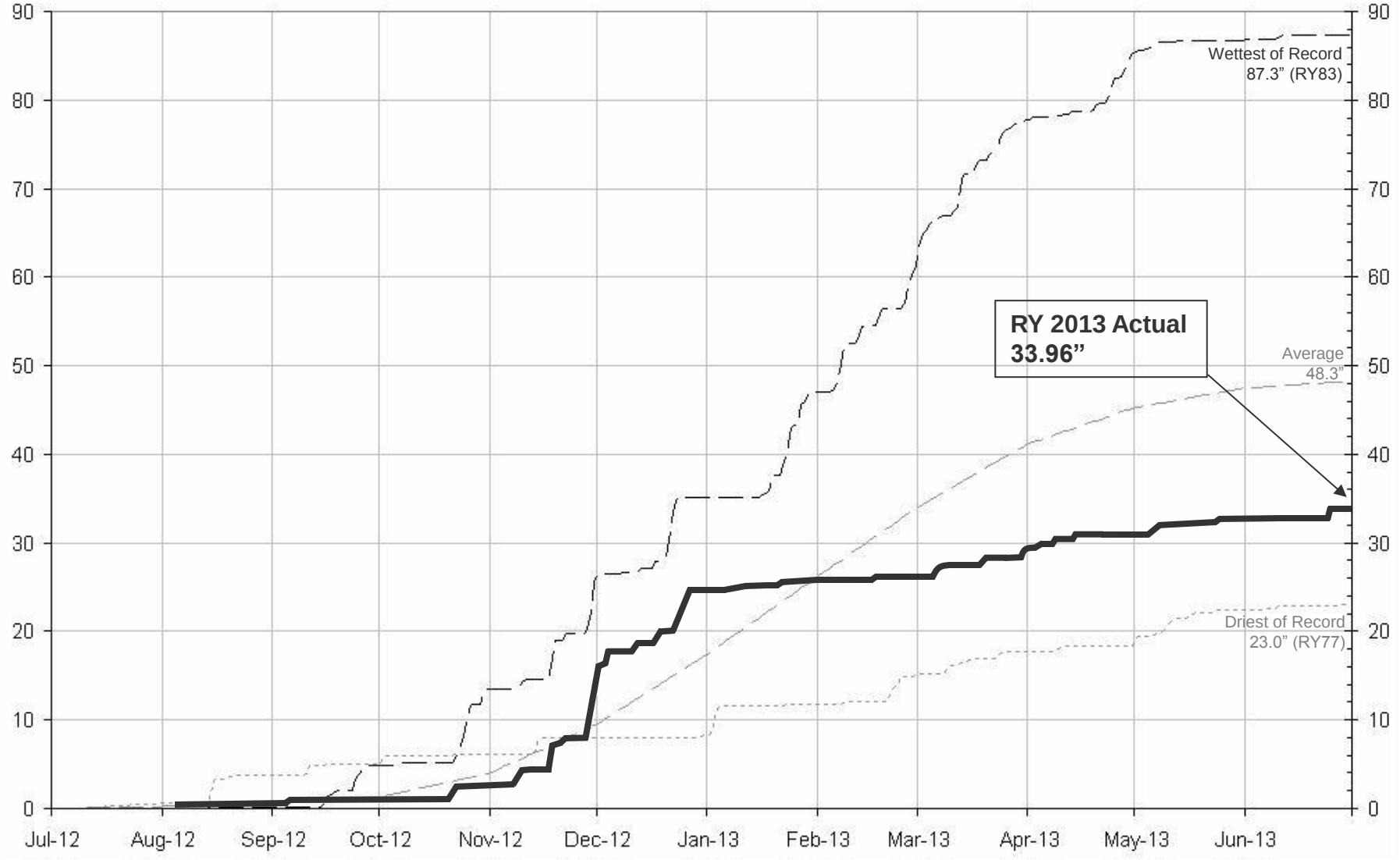
Review of 2013

Mokelumne Precipitation



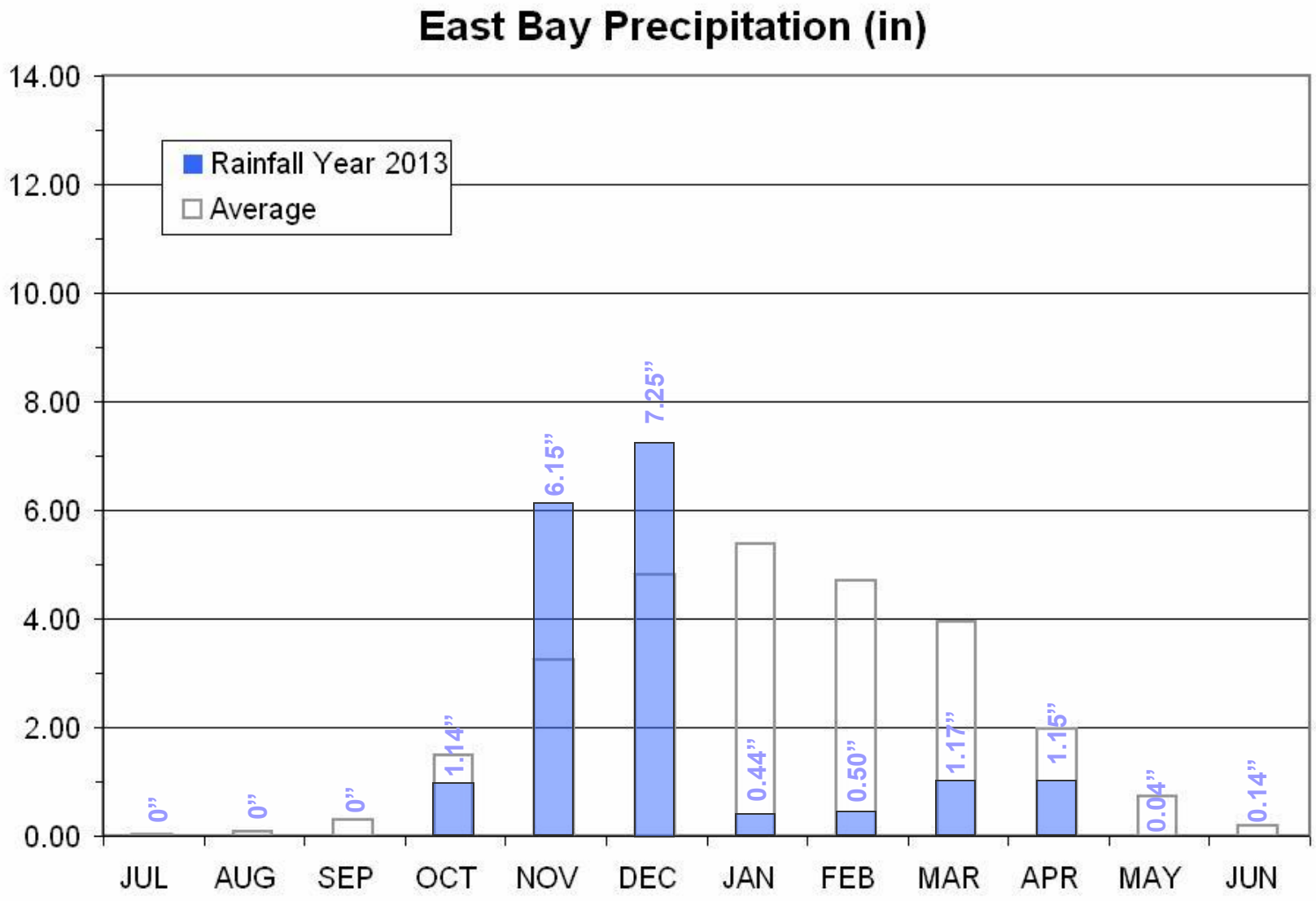
Review of 2013

Mokelumne Precipitation



Review of 2013

East Bay Precipitation



Review of 2013

Key Water System Totals

Water Year 2013 Runoff

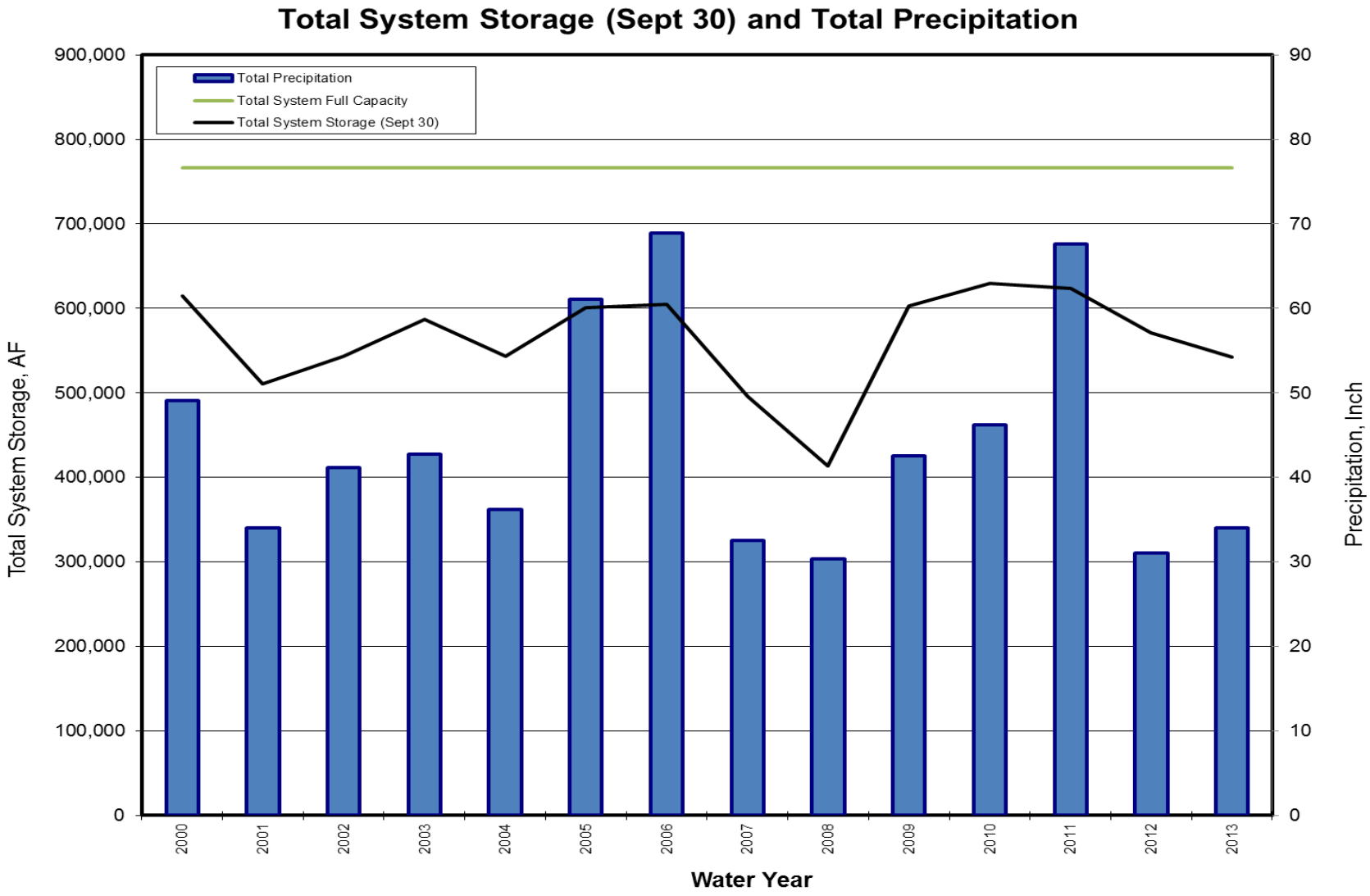
432,000 AF

(58% of average)

Carryover Storage (September 30, 2013)		Percent of Avg	Percent of Capacity
Pardee	186,770 AF	102 %	94 %
Camanche	256,470 AF	96 %	61 %
East Bay	98,890 AF	84 %	65 %
Total System	542,130 AF	95 %	71 %

Review of 2013

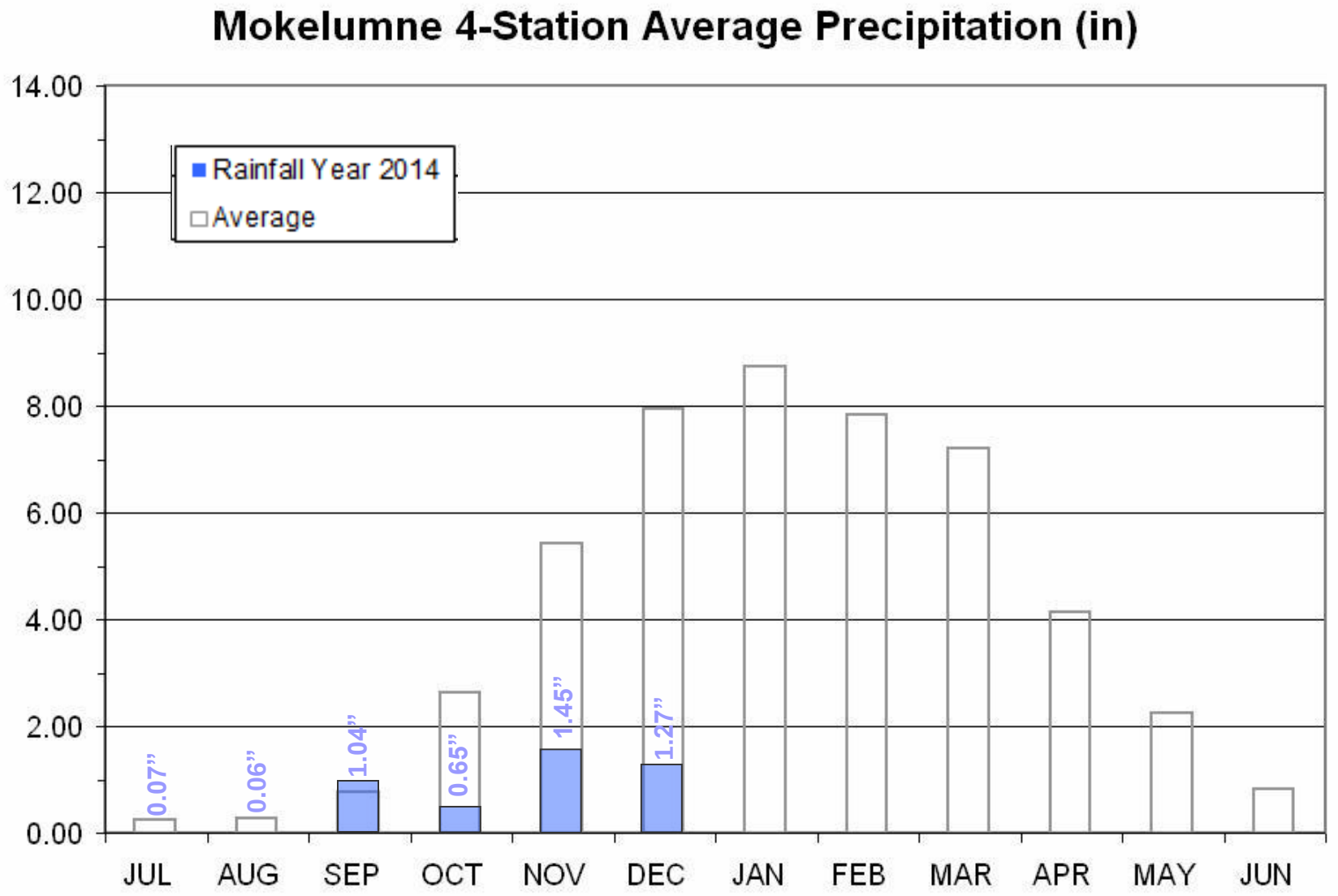
Total System Storage and Mokelumne Precipitation



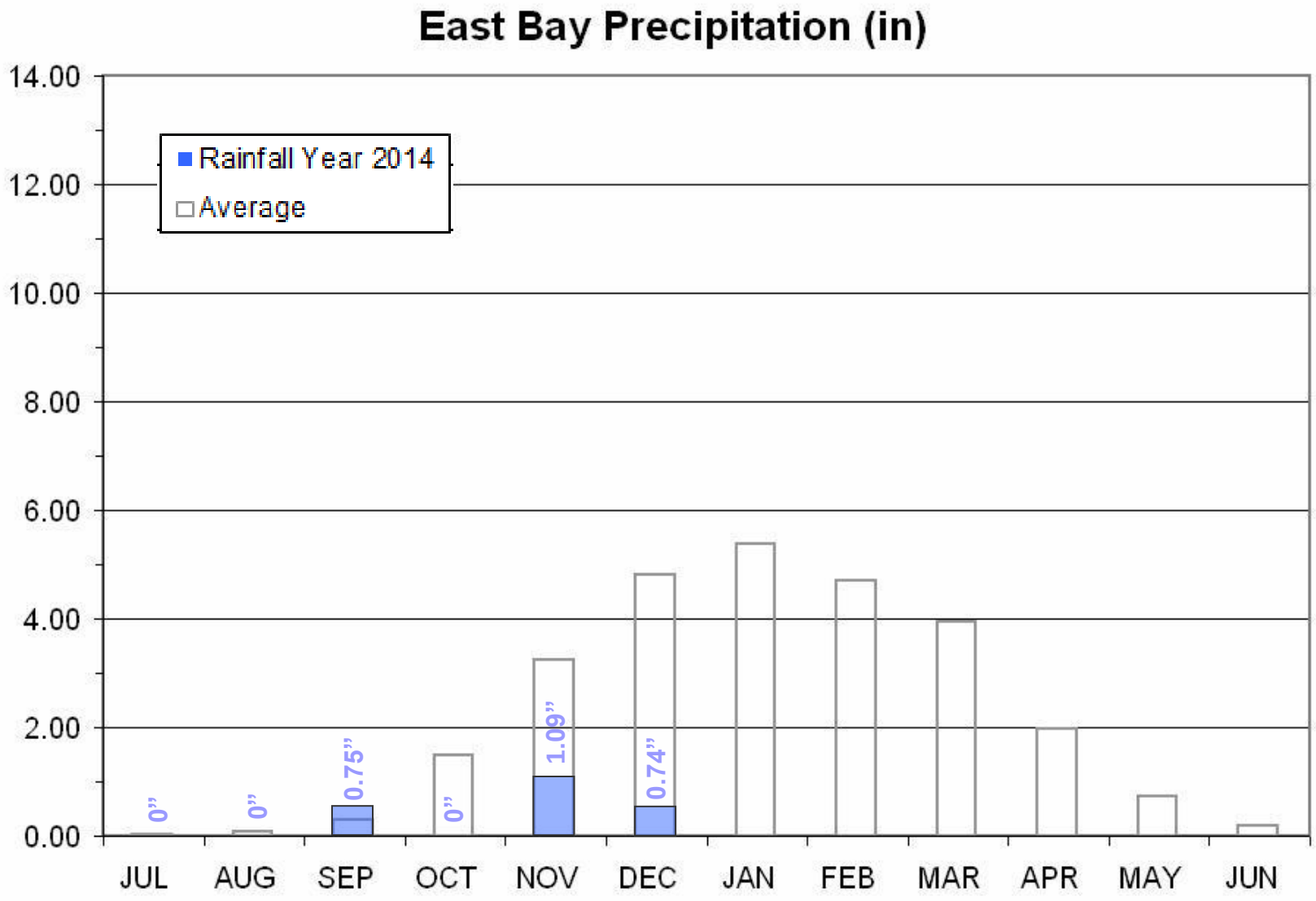
Current Precipitation & Snow

As of 12/08/13	Cumulative Precipitation	% of Avg
East Bay		
East Bay Watershed	2.57”	41%
Mokelumne Basin		
4-Station Average	4.54”	40%
Caples Lake Snow Depth	18”	93%
Caples Lake Snow Water Content	4”	82%

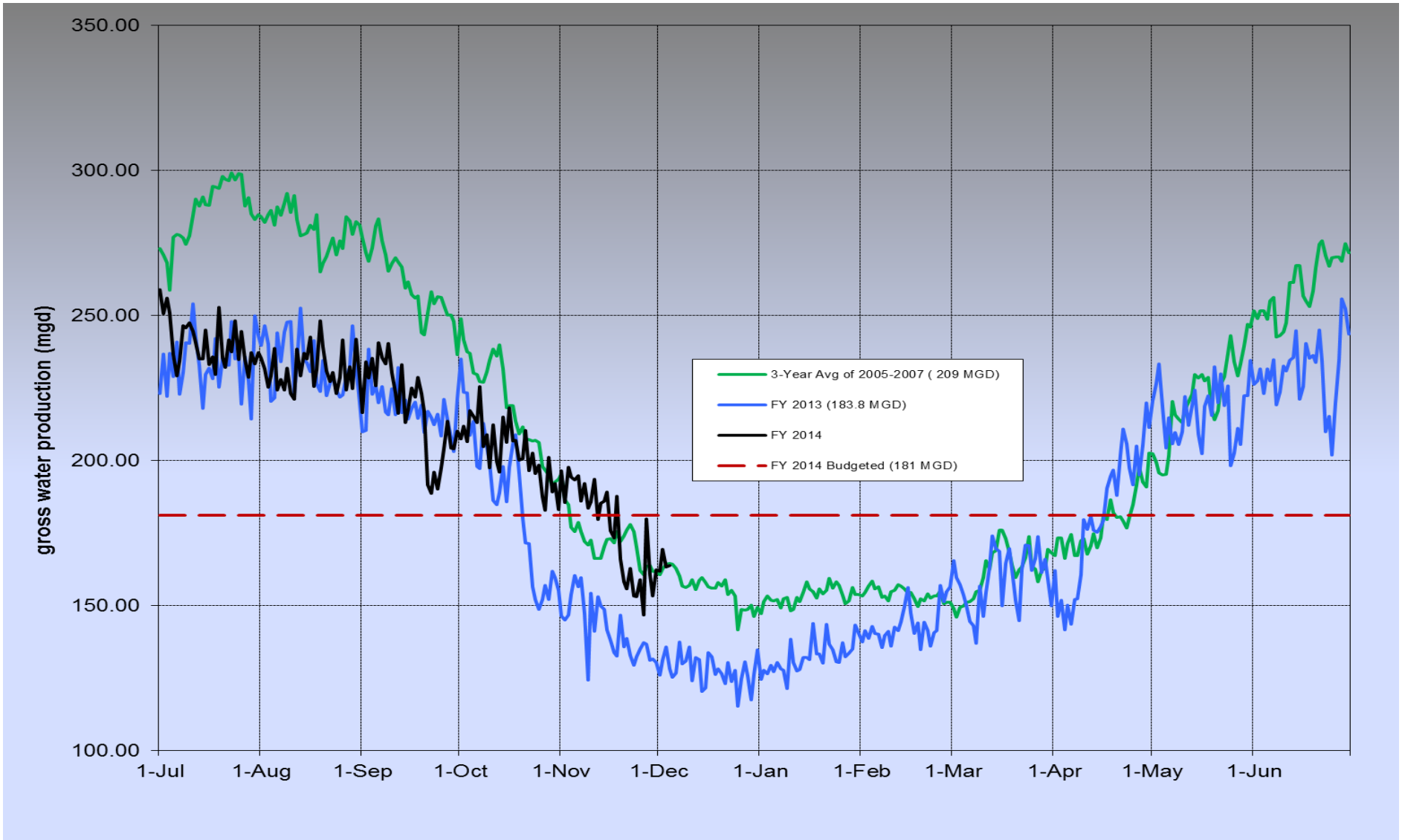
Current Mokelumne Precipitation



Current East Bay Precipitation



Current Gross Water Production



Current Reservoir Storage

As of 12/08/13	Current Storage	Percent of Capacity	Supply Condition
Pardee	181,200 AF	92%	Good
Camanche	240,630 AF	58%	Good
East Bay	99,200 AF	65%	Fair
Total System	521,030 AF	68%	Good

Statewide Water Supply Status

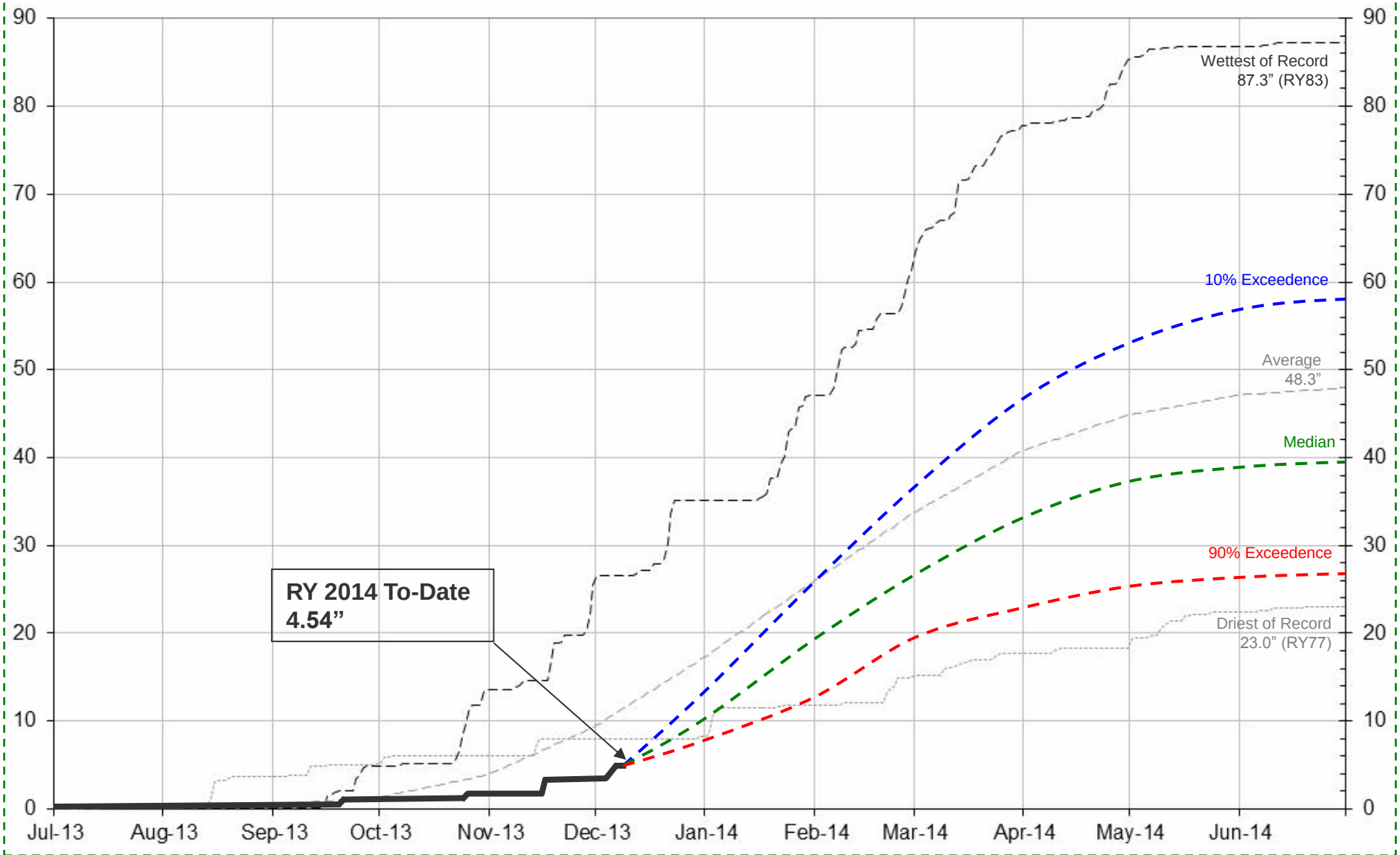
(Storage in Thousand Acre-Feet)

Reservoir (TAF)	Capacity	WY 2013	WY 2014	Percent of Average	Supply Condition
Trinity	2,448	1,897	1,207	79	Fair
Shasta	4,552	3,001	1,688	66	Poor
Oroville	3,538	2,263	1,380	76	Fair
Folsom	977	579	223	54	Poor
New Melones	2,420	1,540	1,040	69	Poor
Fed. San Luis	966	584	294	53	Poor
Millerton	520	263	239	98	Good
EBMUD System	**767**	**585**	**521**	**96**	**Good**

As of December 8, 2013

Rainfall Year 2014 Projection

Mokelumne Precipitation



Water Supply Runoff Forecast
(Projections as of December 10, 2013)

Forecast	Annual Runoff	Total System Storage (on Sept 30, 2014)
90% Exceedence (9 of 10 years are wetter)	220 TAF	390 TAF
50% Exceedence (5 of 10 years are wetter)	520 TAF	590 TAF
10% Exceedence (1 of 10 years is wetter)	960 TAF	650 TAF
Average Year	745 TAF	630 TAF

National Weather Service

Climate Prediction Center

Winter 2014?