

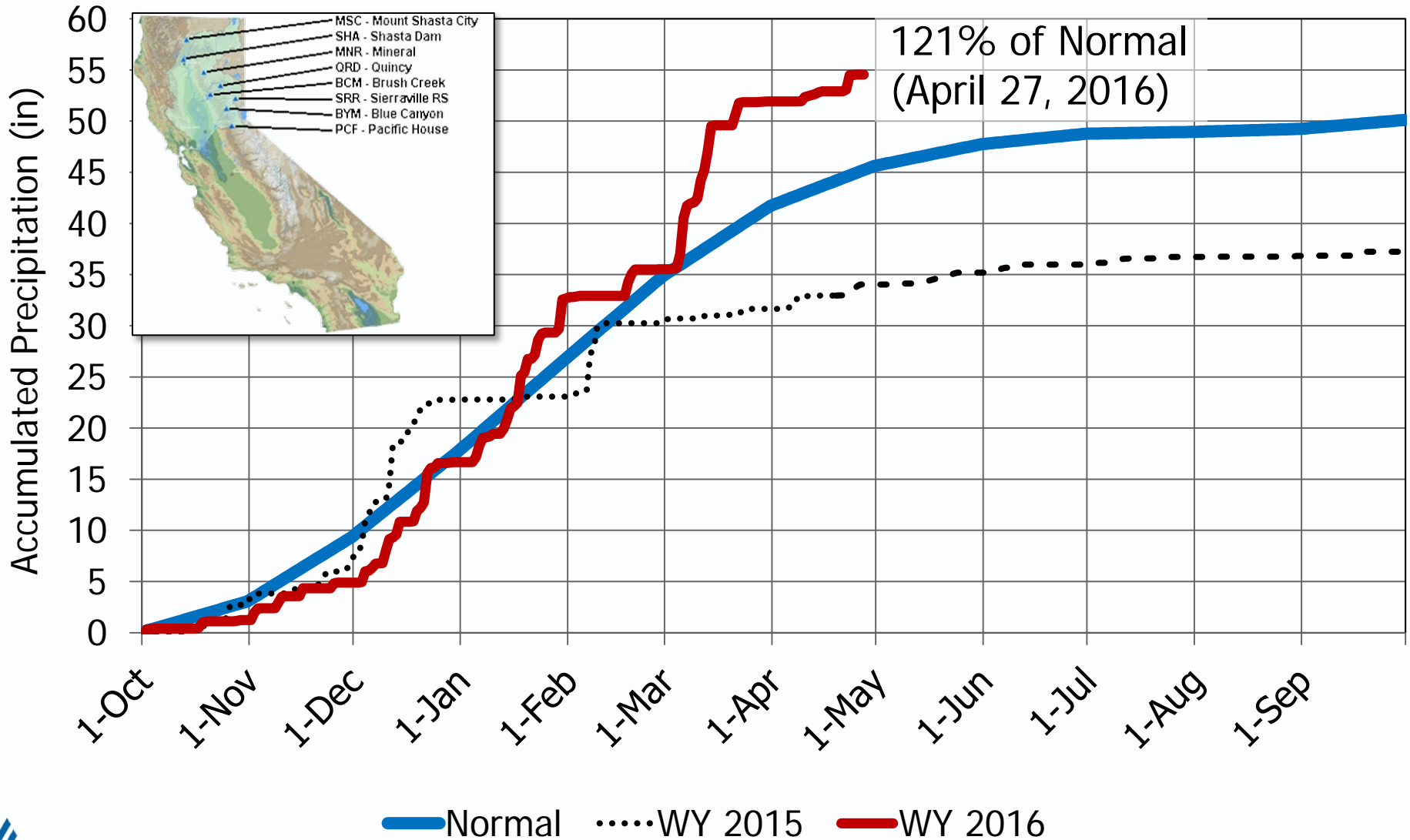
Update on Water Supply Conditions and Drought Response Activities

JPIC
May 2, 2016

Presentation by:
Denise Vedder, Public Affairs Manager₁

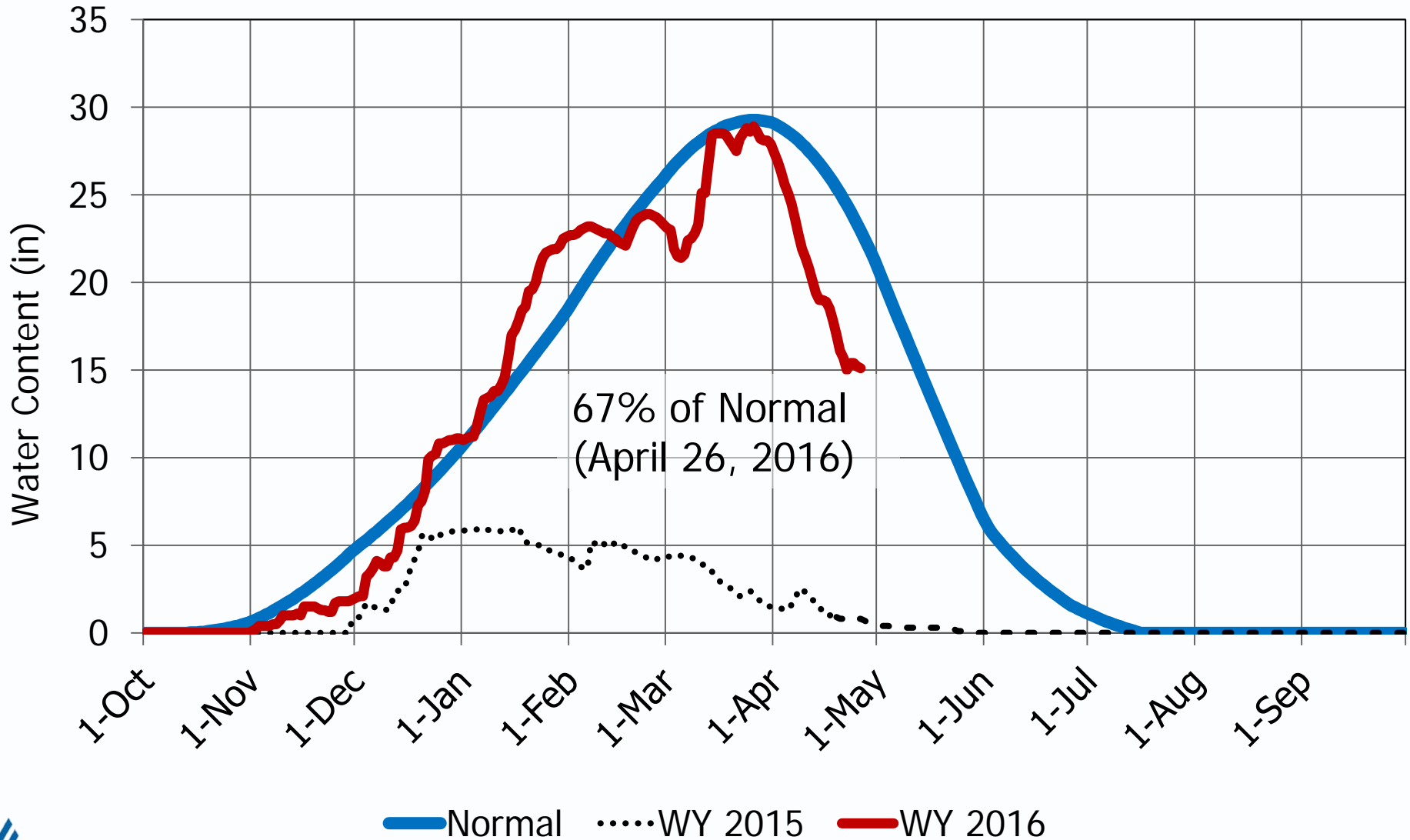
Northern Sierra Precipitation

8-Station Index



Northern Sierra Snowpack

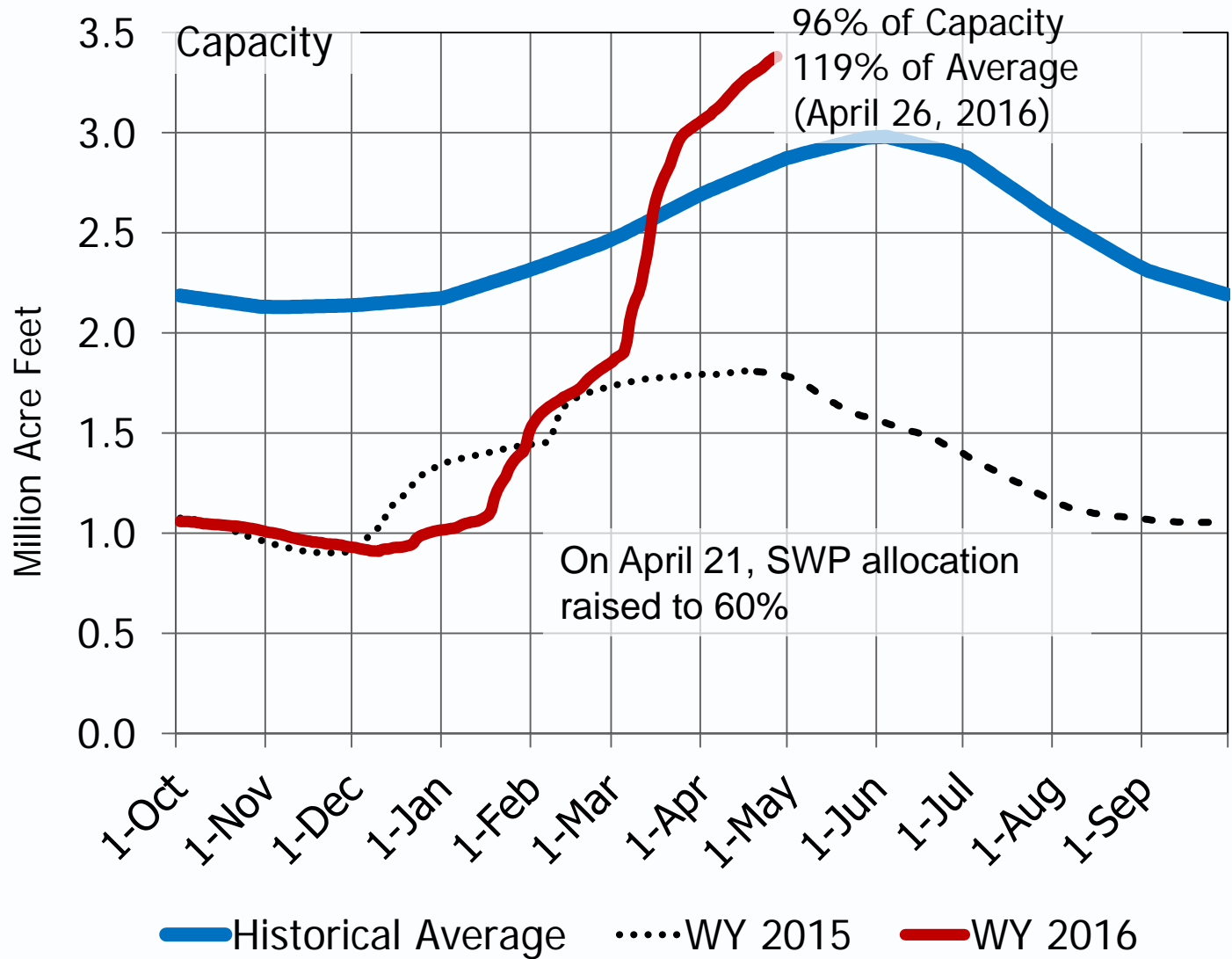
Water Year 2016



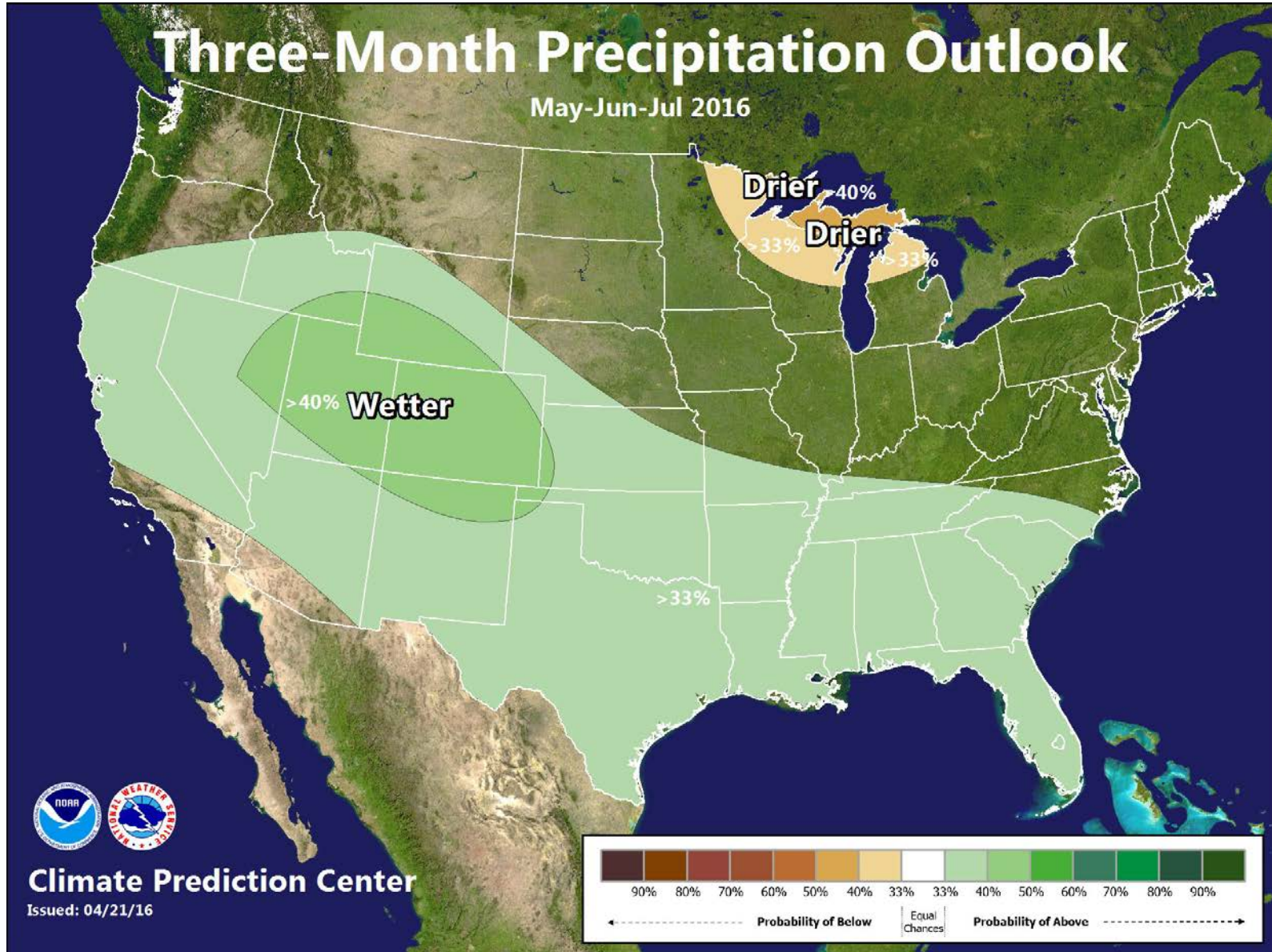
— Normal WY 2015 — WY 2016

Lake Oroville Storage Volume

Major Reservoir State Water Project System



May – July Precipitation Outlook



SWRCB Emergency Regulation Update Background

- November 2015 Executive Order
 - Extended May 2015 emergency regulation through October 2016
 - Consider modifications to emergency regulation
- February 2016 - SWRCB modified emergency regulation (drought resilient supply credit)
- April 20, 2016 - SWRCB workshop to receive input on potential modifications to emergency regulation

April 20, 2016 Emergency Regulation Workshop

- SWRCB solicited input on potential adjustments
- Water Authority comment letter
 - Take into account actual shortage conditions, if any
 - Implement self-certification supply-based approach in lieu of a conservation mandate
 - Continue water use prohibitions, reporting through Oct. 2016, maintain mechanism to implement water use reduction stages
 - Focus SWRCB support on areas with severe shortages and water quality issues

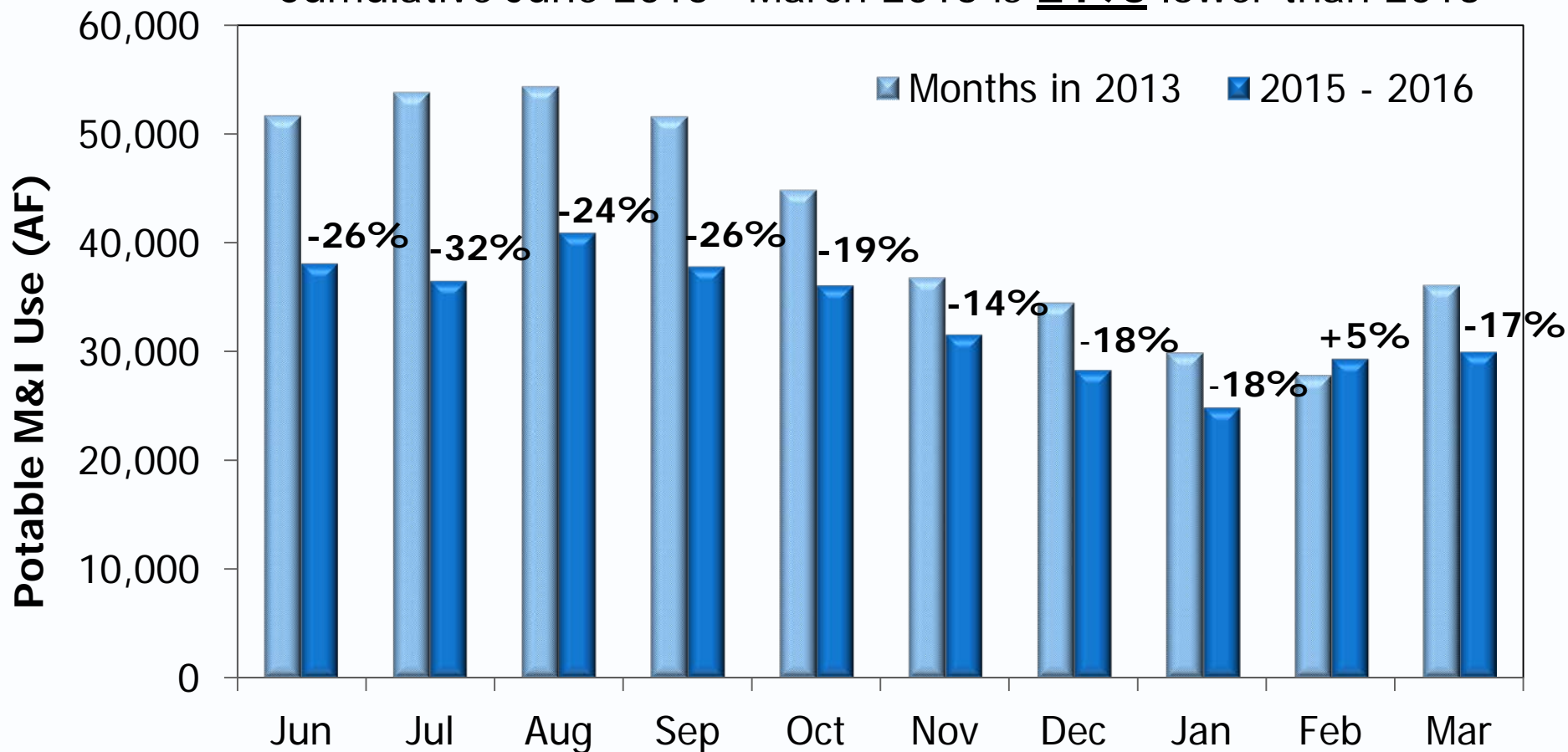
April 20, 2016 Emergency Regulation Workshop

- Water agencies were well represented
- Board members appeared to support the supply certification concept
 - Concern about water use immediately bouncing back without some regulation in place
 - Concern about water agency political will to re-impose drought restrictions, if needed
 - Need for “backstop” conservation standard if agencies do not self-certify or conditions change
- Board action scheduled for May 18
- Modifications, if any, effective June 2016 – October 2016

Total Potable M&I Water Use

State Emergency Regulation Reporting Months

Cumulative June 2015– March 2016 is **21%** lower than 2013

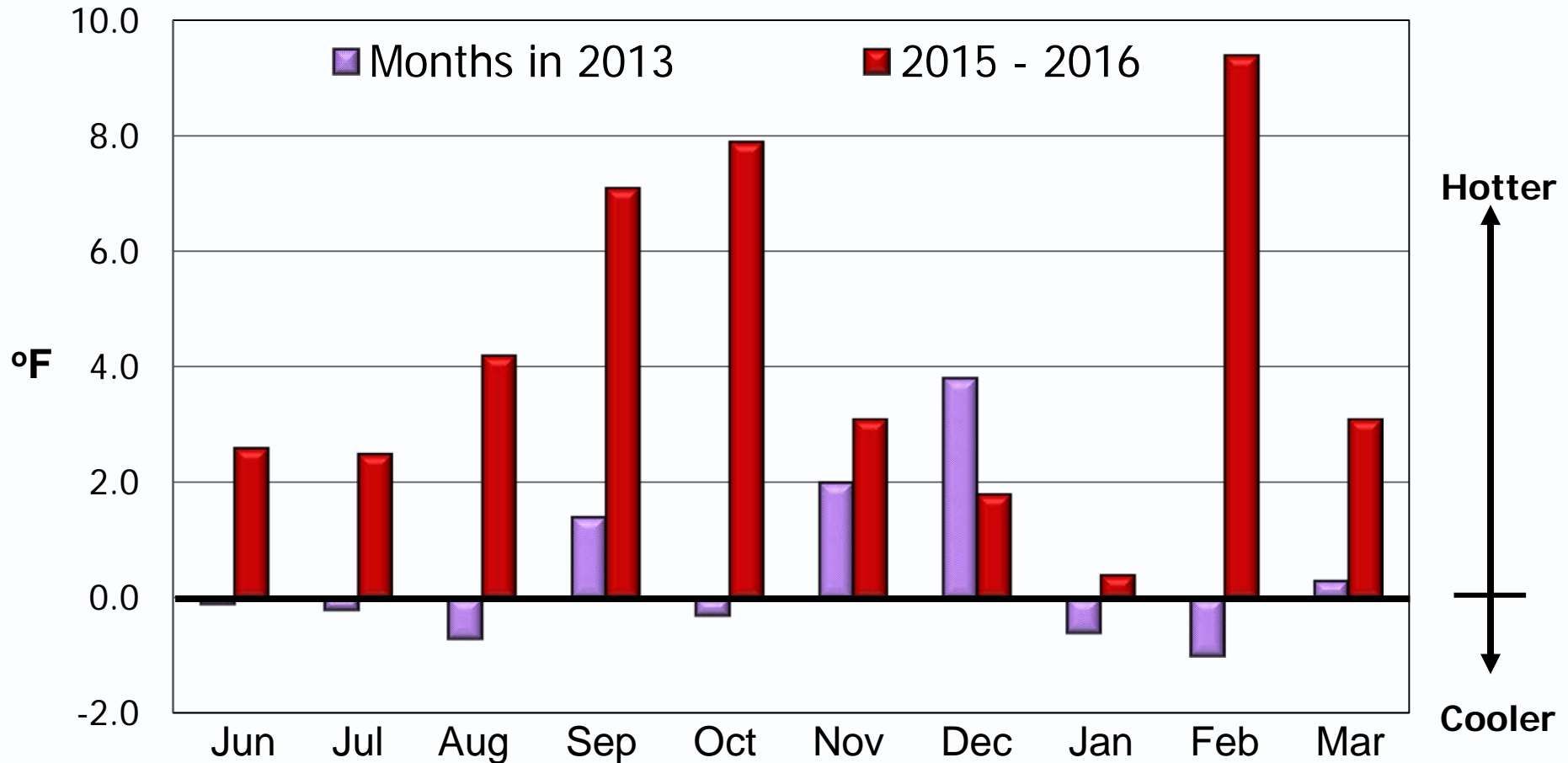


Source: Member Agency monthly water use reporting to the Water Authority

Upcoming Events

- **May 10** - Likely MWD Board action regarding allocation in FY 17
- **May 18** - State Water Board scheduled to act on changes to Emergency Regulation
- **May 26** – Planned Water Authority Board action on shortage management actions for FY 17

Average Daily Maximum Temperature at Lindbergh Field – Departure from Normal (°F)



SWRCB monthly reporting compares 2015 water use to 2013 water use – temperatures influence water use

Local Precipitation and Surface Storage

Water Year 2016 Precipitation Through April 25, 2016				
	April month to date		Water Year	
Station	Actual in.	% Normal	Actual in.	% Normal
Lindbergh Field	0.55	79%	7.42	75%
Ramona Airport	1.33	112%	12.92	87%

- Local reservoir storage on April 18th was approximately 43% of capacity
- Water Authority carryover storage supplies in San Vicente was approximately 82,300 AF as of end of March.

8-14 Day Precipitation Outlook

May 03 - May 09, 2016

>40%
Drier
>33%

>40%
Drier
>33%

>50%

>40%
Wetter

>33%

Wetter
>40%



Climate Prediction Center

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