



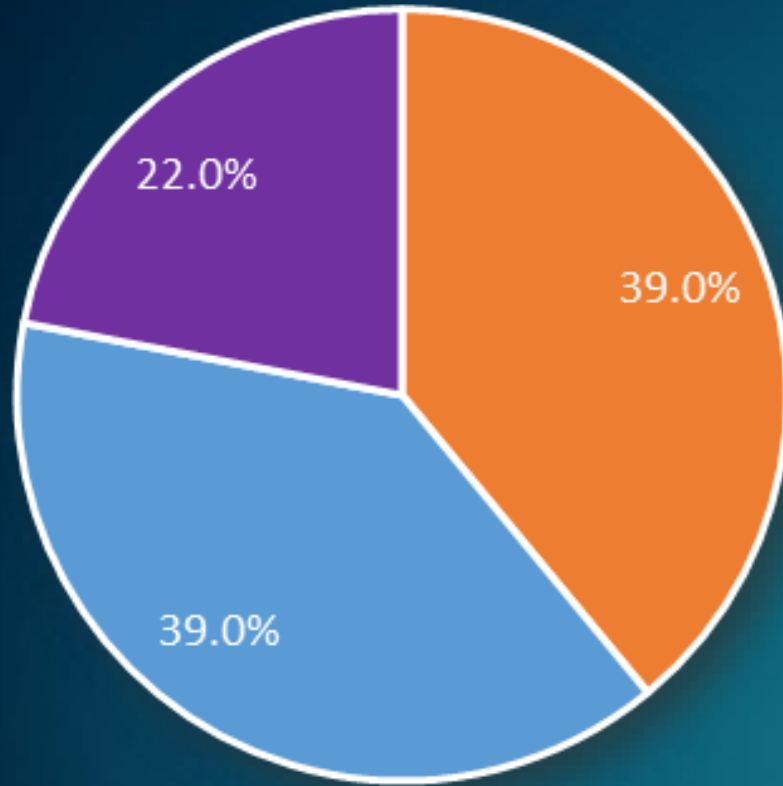
moulton niguel water district

Citizens' Advisory Committee

Seasonal Water Supply Update

March 29, 2017

Sources

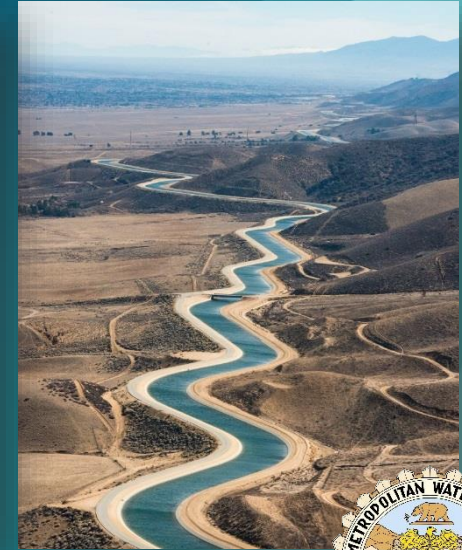


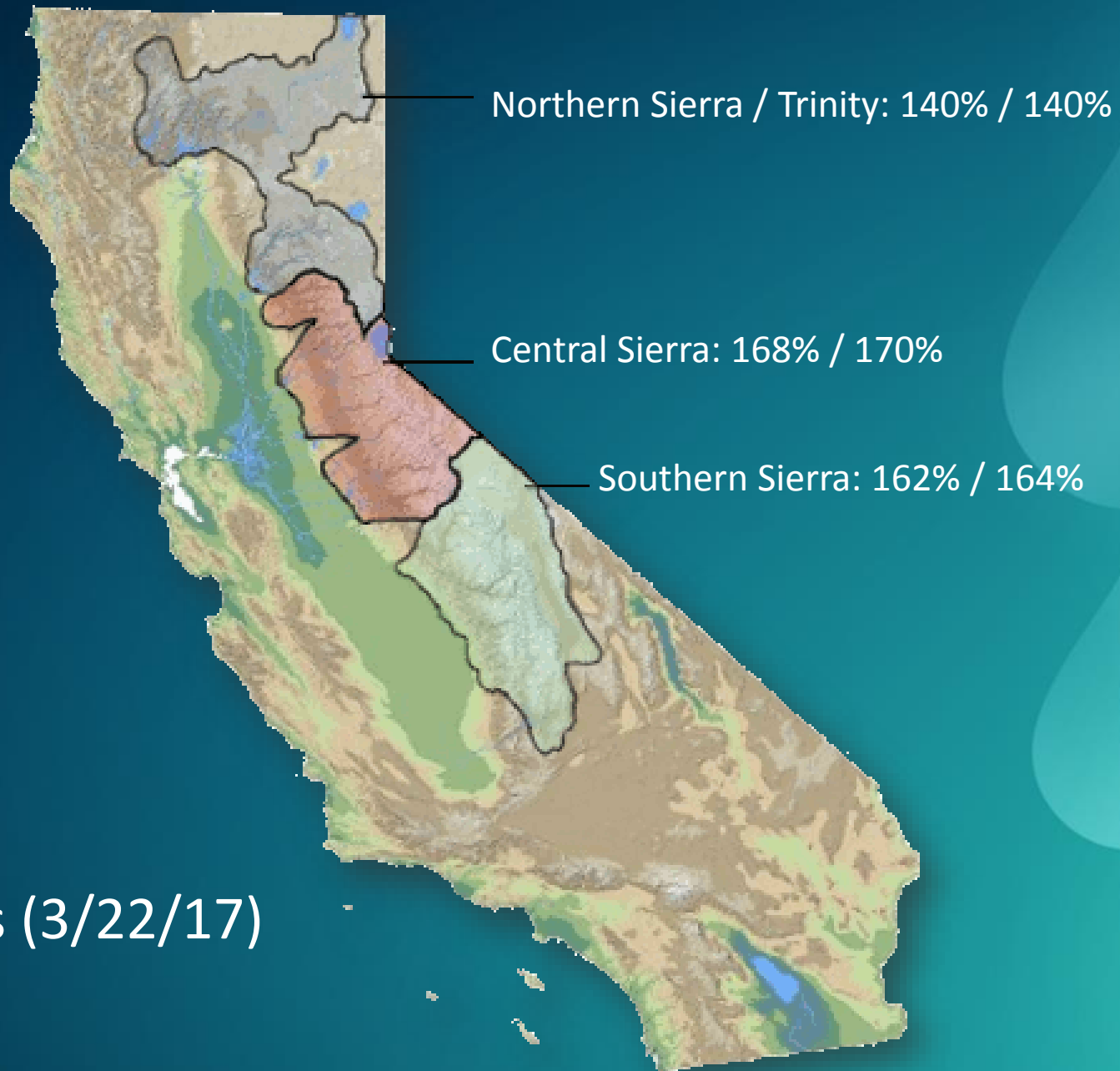
Colorado State Water Project Recycled Water



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017





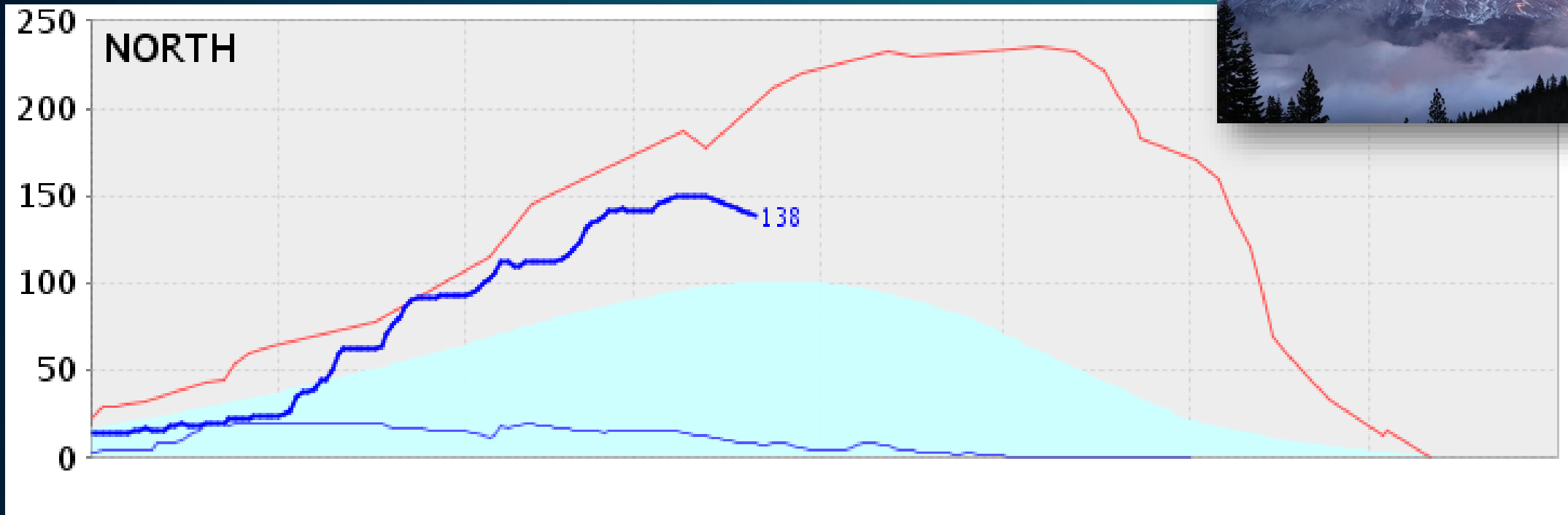
Snowpack Reports (3/22/17)



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017

Snow Water Content – Northern Sierra



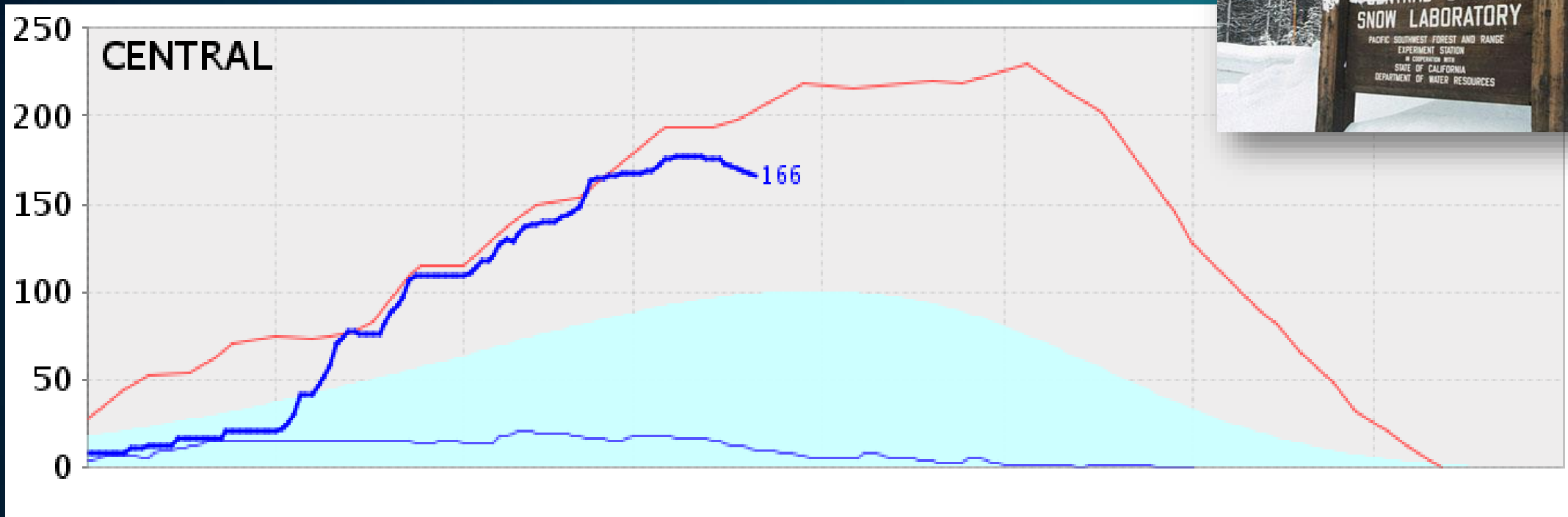
Snowpack Reports (3/20/17)



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017

Snow Water Content – Central Sierra



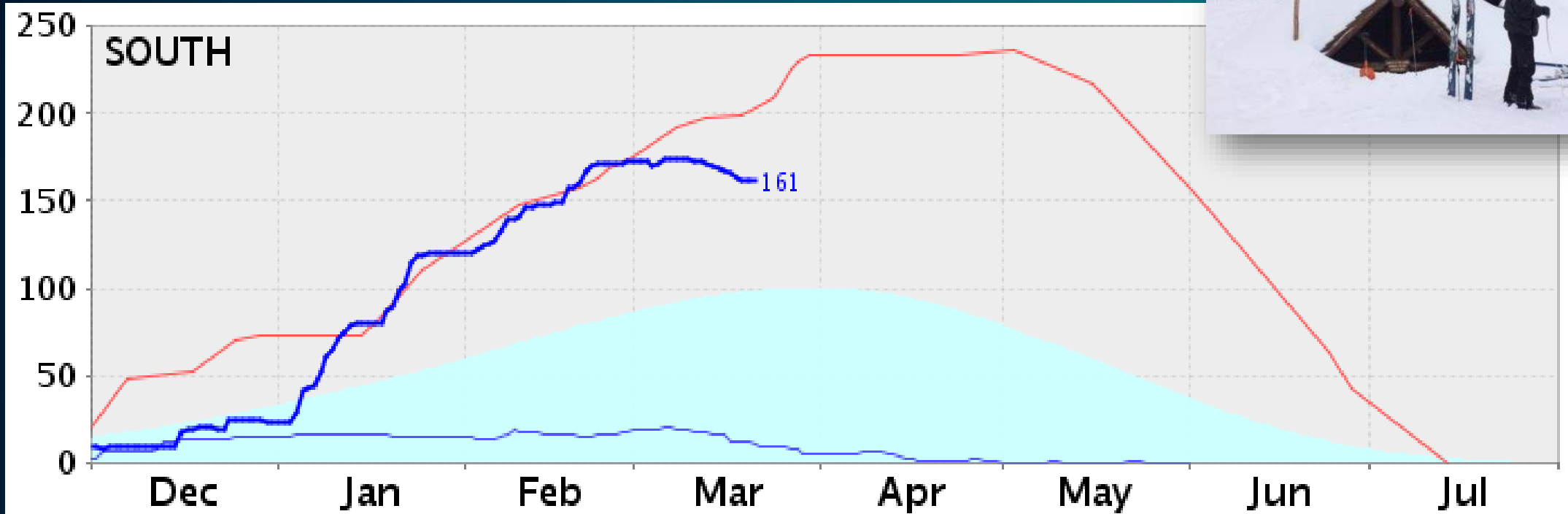
Snowpack Reports (3/20/17)



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017

Snow Water Content – Southern Sierra



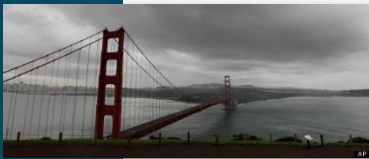
Snowpack Reports (3/20/17)



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017

City: % of Normal Precip (Since Oct. 1)



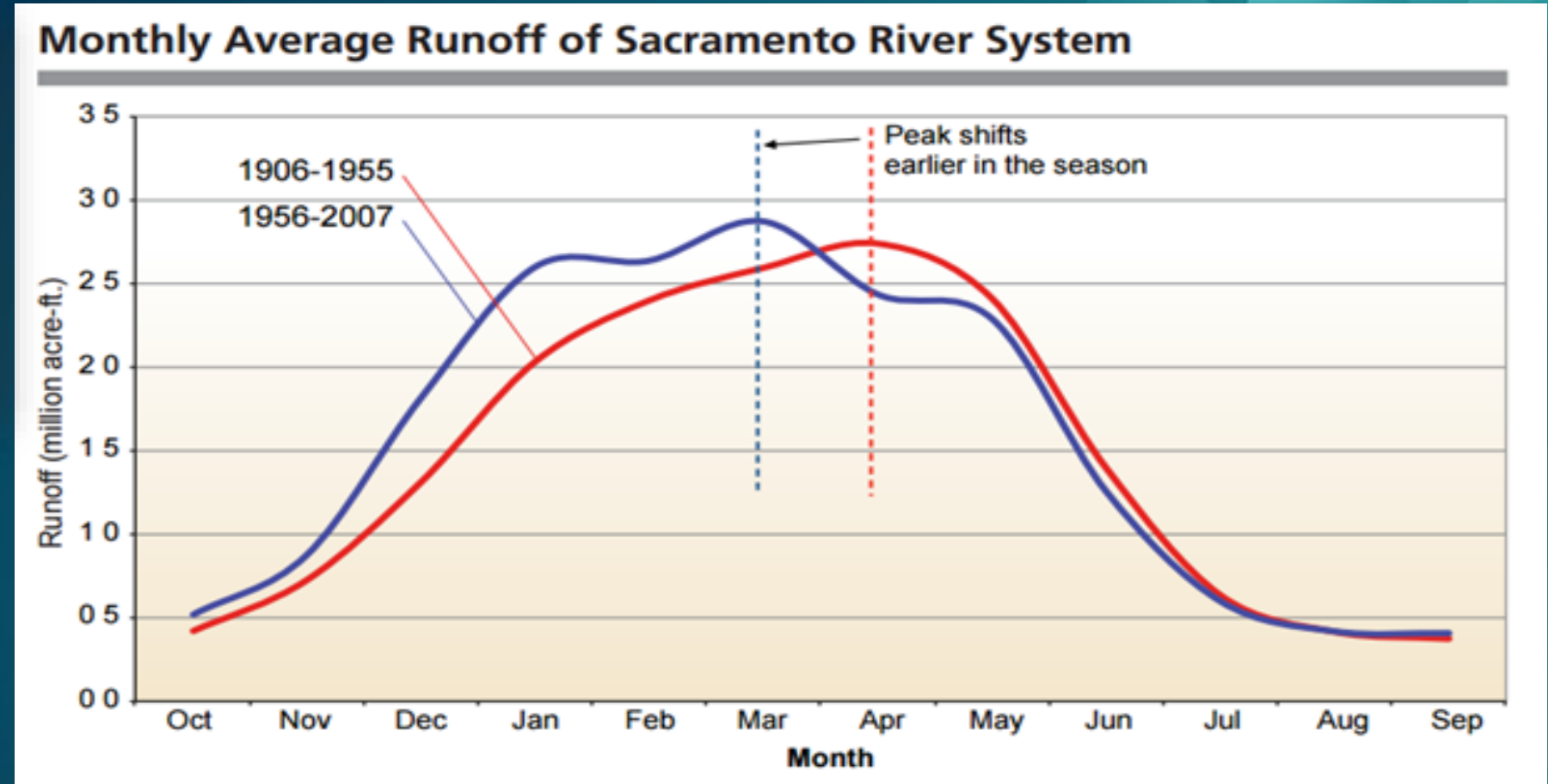
Rainfall Survey (3/20/17)



moulton niguel water district

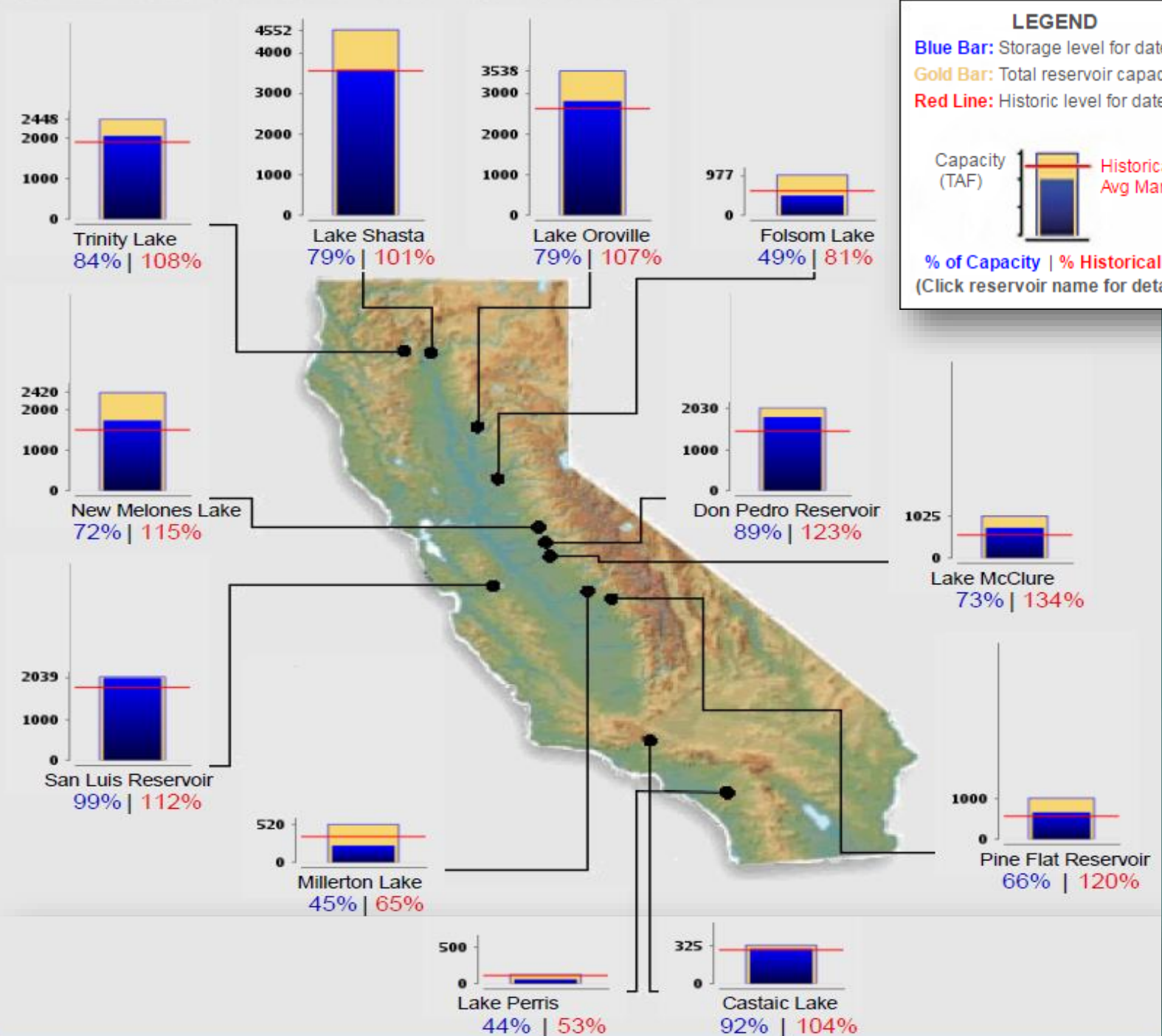
Report to CAC - Seasonal Water Supply Update
March 29, 2017

Shifts in Seasonal Runoff

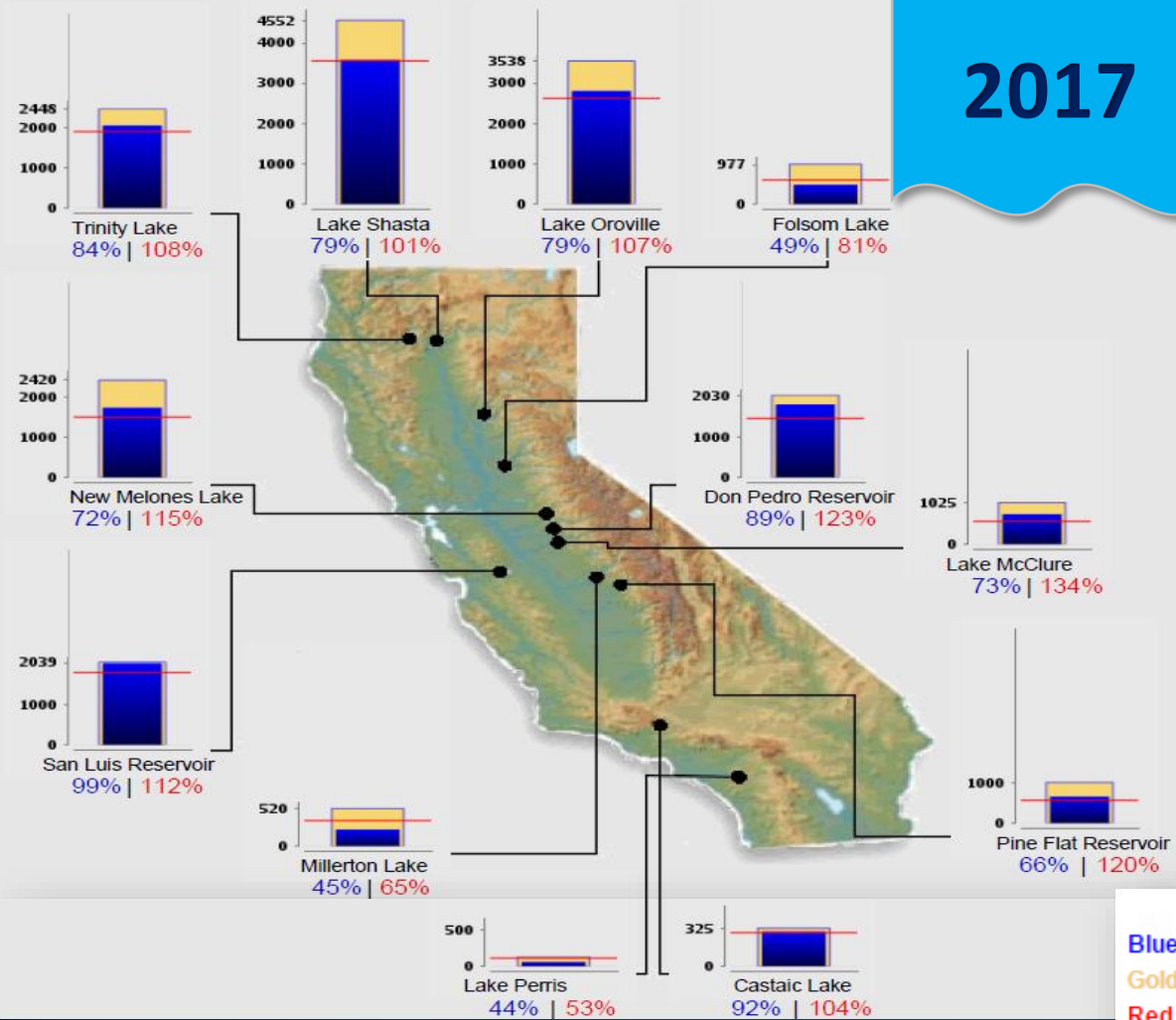


moulton niguel water district

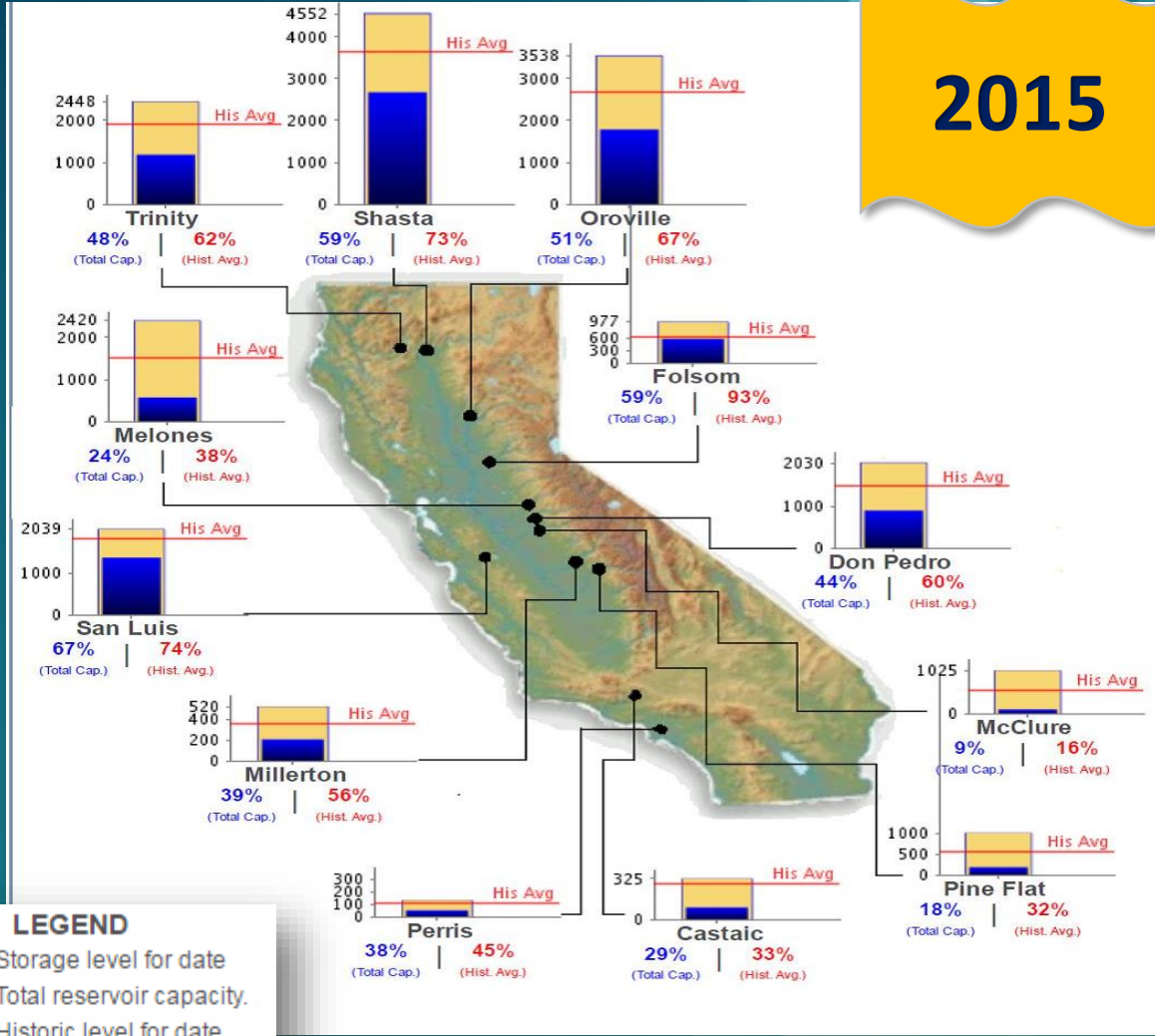
Report to CAC - Seasonal Water Supply Update
March 29, 2017



2017



2015



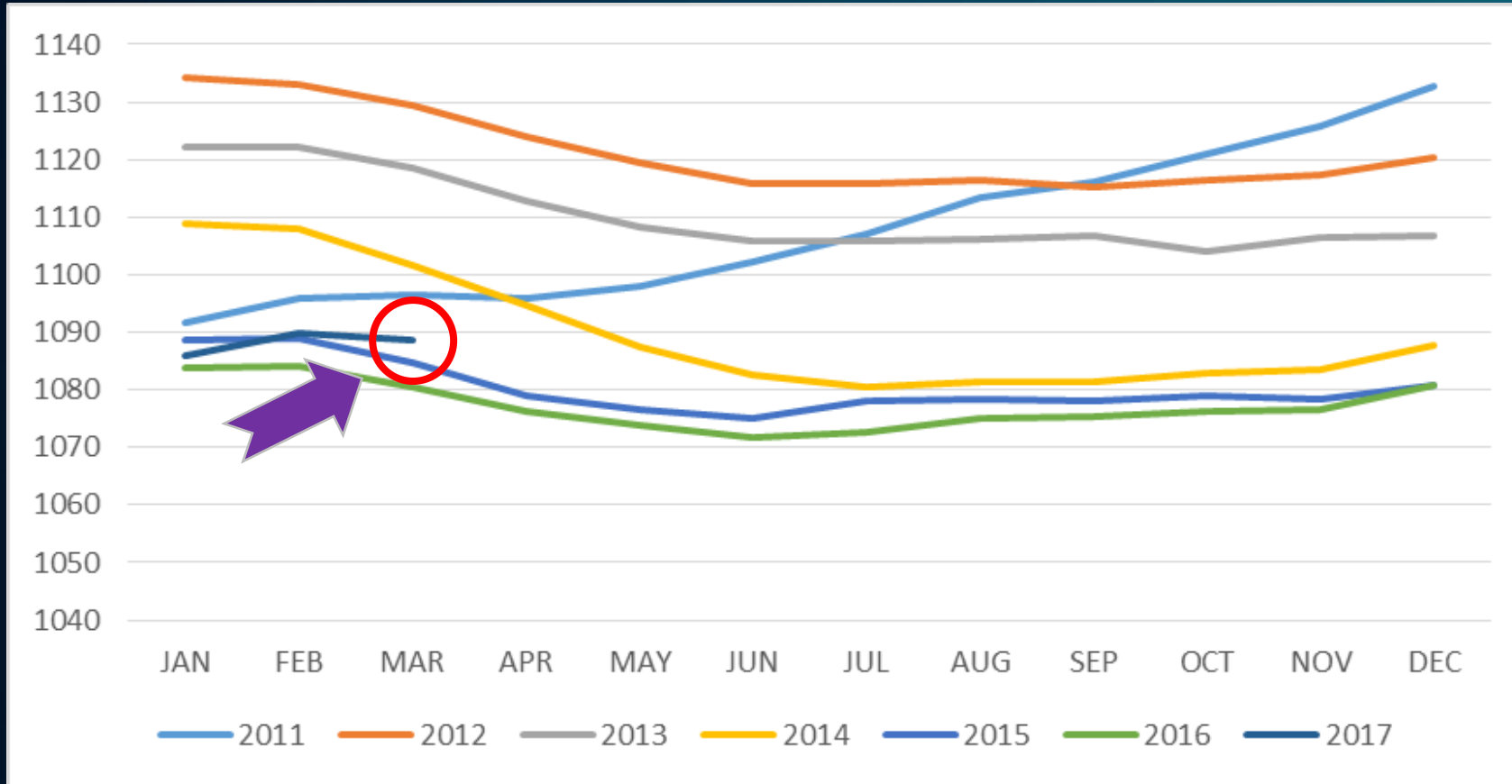
LEGEND

Blue Bar: Storage level for date
 Gold Bar: Total reservoir capacity.
 Red Line: Historic level for date.

Capacity (TAF) | Historical Avg Mark

% of Capacity | % Historical Avg
 (Click reservoir name for details)

COLORADO RIVER – LAKE MEAD



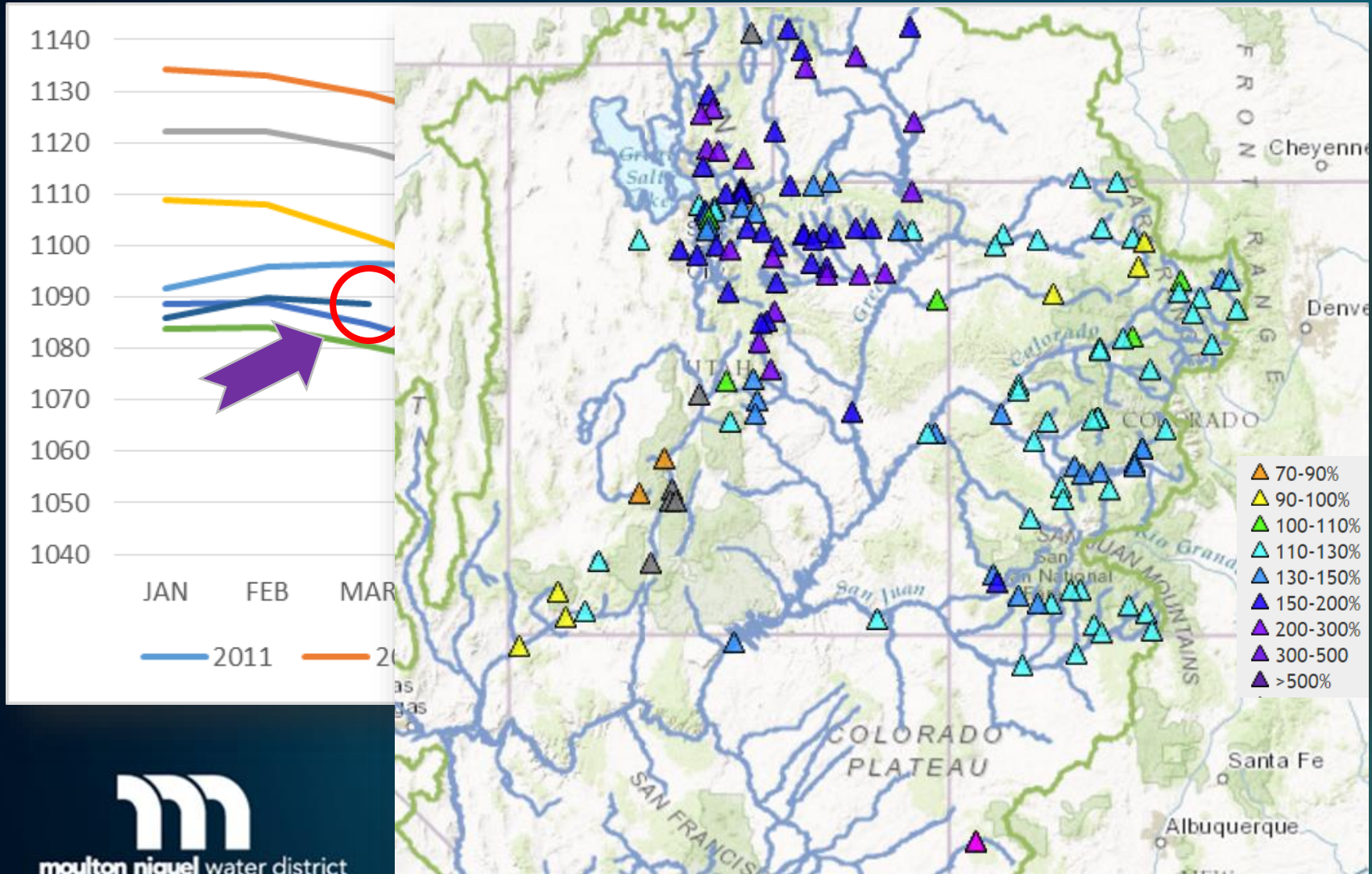
Colorado Basin River Forecast Center



moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017

COLORADO RIVER – LAKE MEAD

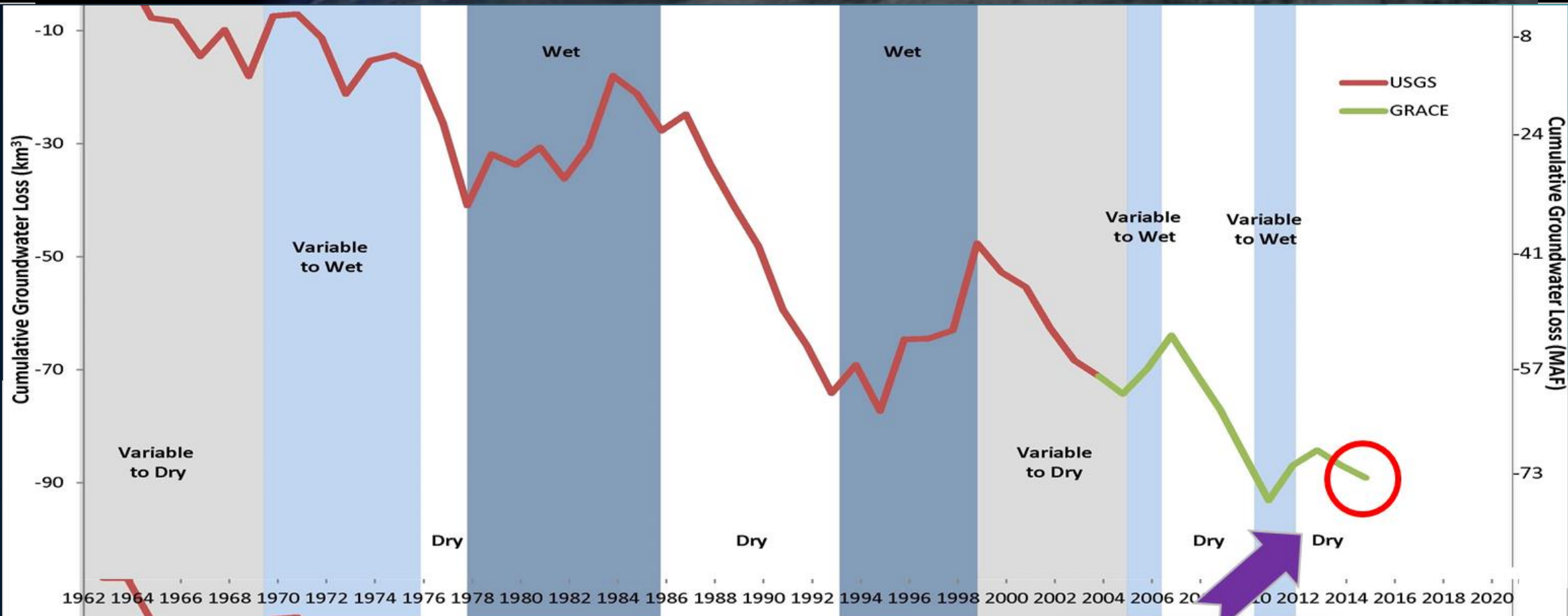


Colorado Basin River Forecast Center

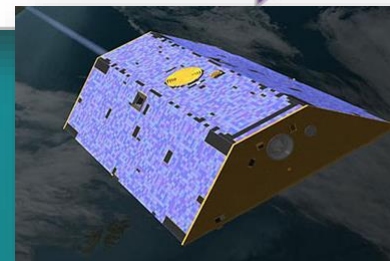


moulton niguel water district

Report to CAC - Seasonal Water Supply Update
March 29, 2017



Groundwater Conditions





moulton niguel water district

PRESENTS THE

LIVE SMART

COMMUNITY EVENT

SAVE THE DATE

SATURDAY, MAY 13, 2017

10 AM TO 2 PM

LAGUNA NIGUEL CIVIC CENTER

30111 CROWN VALLEY PKWY, LAGUNA NIGUEL, CA 92677

LEARN HOW TO SAVE WATER, ENERGY, & MONEY

FREE PRIZES, FOOD, MUSIC, GIVEAWAYS, & GAMES

FAMILY FUN & KIDS CRAFTS

REBATE INFORMATION & RESOURCES

EVERYONE WELCOME!

Moulton Niguel Water District, in partnership with the City of Laguna Niguel, proudly hosts its third annual Live Smart Event! Live Smart is a **FREE** public event to provide our communities, local utilities and businesses an opportunity to share ideas and resources for living smarter through water conservation practices, energy saving devices, and more. For more information, email outreach@mnwd.com.



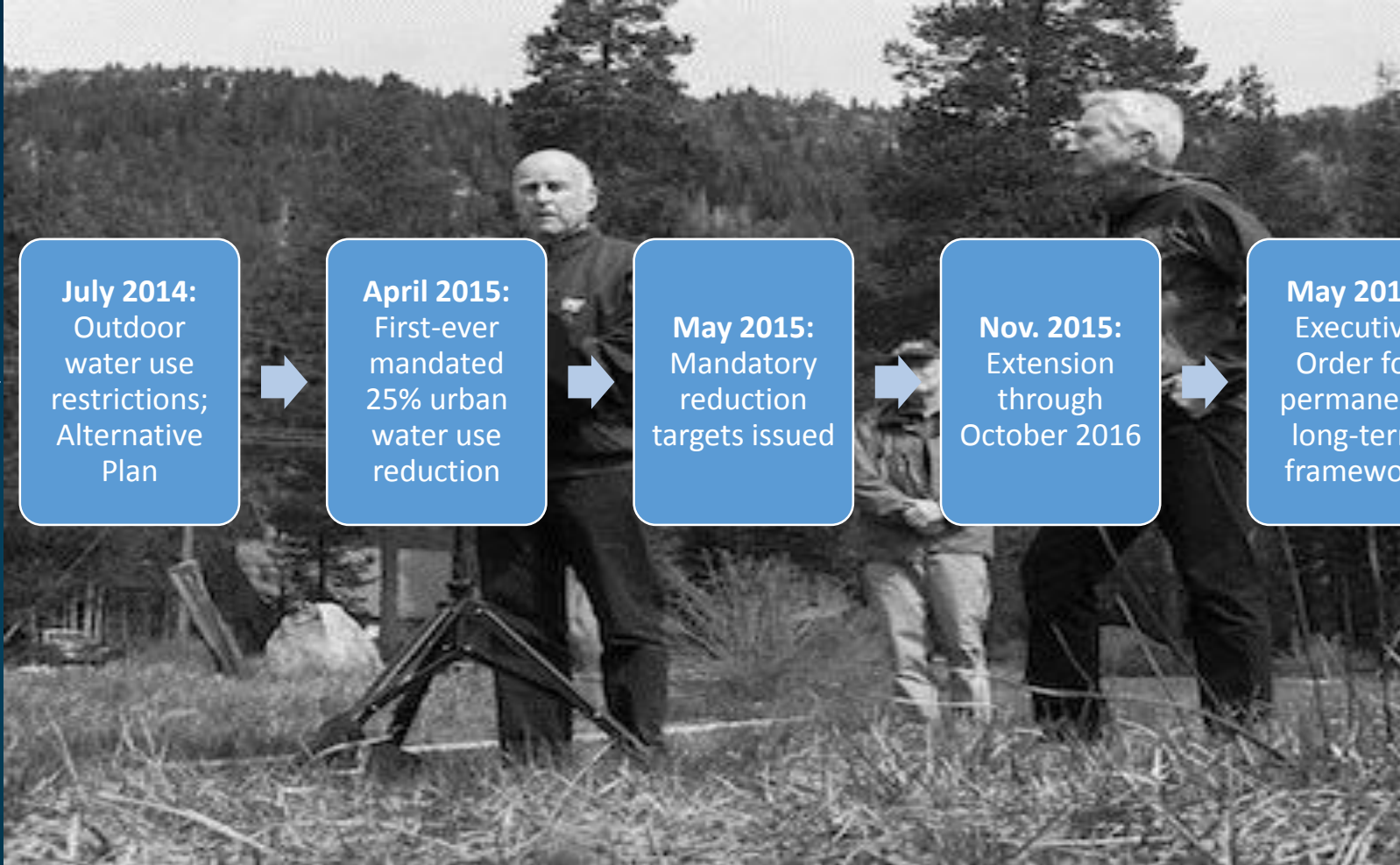
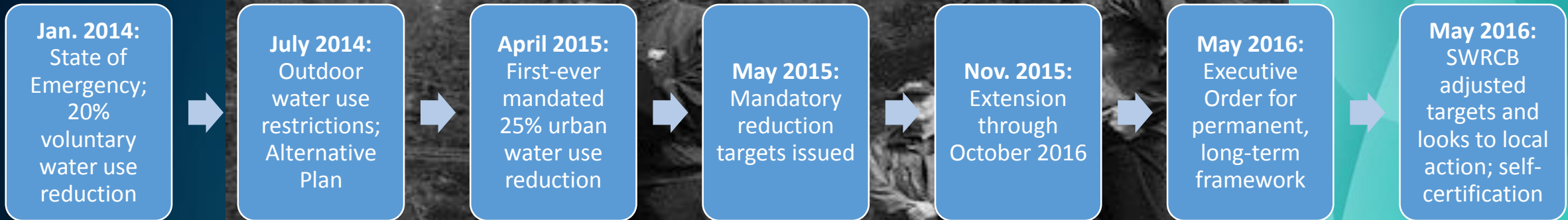
moulton niguel water district

Long Term Efficiency Framework Update

Citizen's Advisory Committee

March 29, 2017

Governor Brown Takes Action to Address California Drought





California Water Action Plan
Making Conservation a Way of Life



Develop new efficiency targets tailored to local conditions
Generate more statewide water conservation

Long-Term Water Efficiency Framework
Draft released any day



Water Shortage Contingency Plan
Strengthen local drought resilience



Prohibitive Actions
Permanent ban on wasteful water uses

Use Water Wisely

- Agency-wide Water Budgets
 - Indoor
 - Outdoor
 - Commercial
 - Water Loss Standards set through SB 555



=



×

60

Gallons per Person per Day

×

#

Days in Billing Cycle
(typically 28 to 35 days)

÷

748

Conversion Factor
(gallons per billing unit)



=



×

ET

Monthly Evapotranspiration Rate
(based on actual daily values,
varies by microzone)

×

0.7

Plant Factor
(based on a combination
of native plants and turf)

×

0.62

Conversion Factor
(to gallons)

÷

748

Conversion Factor
(gallons per billing unit)

Eliminate Water Waste

- Make permanent practices that reduce waste & prohibit:
 - Hosing off sidewalks
 - Watering within 48 hours of rain
 - Irrigating turf on street medians
 - Using non-recirculated water in a fountain
 - Washing cars w/out a shutoff nozzle
- Minimize System Leaks

Strengthen Local Drought Resilience

- Actions required- no impact to District
 - Annual Reporting on WSCP
 - Develop Communications Plan
 - Address Financial Elements
 - Compliance

Long Term Framework Timeline

**November
2016**

**Draft report
released**



April 2017

**Final report
to legislature**



**By end of
2017**

**Legislation to
amend water
code**



Late 2018

**Final targets
set**



2021

**Initial
reporting
from water
agencies**



2025

**Compliance
enforced**