



Water Supply Conditions

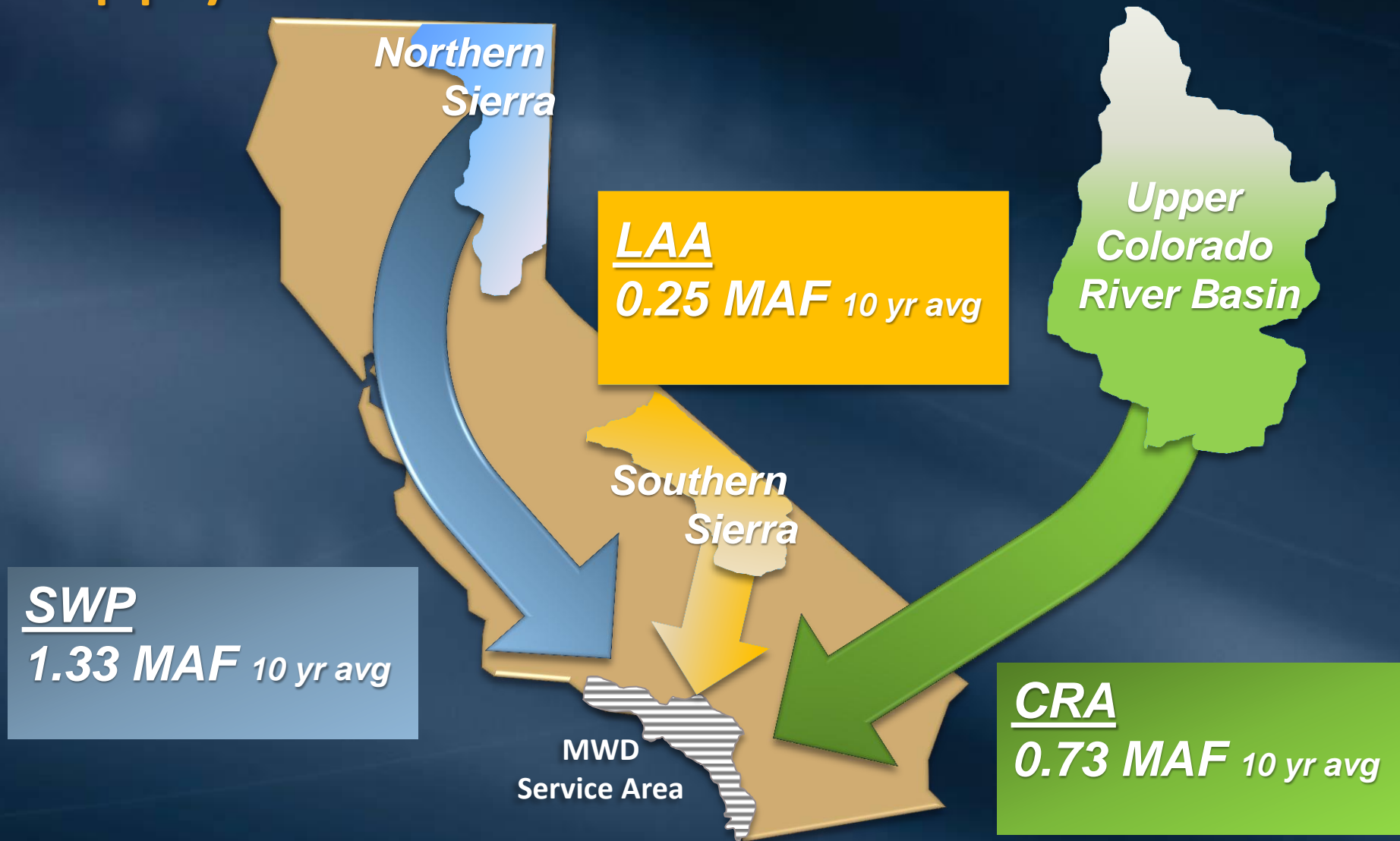
Gary Tilkian

Metropolitan Water District

GET AHEAD OR GET PARCHED:
SIX WAYS TO SURVIVE THE DROUGHT

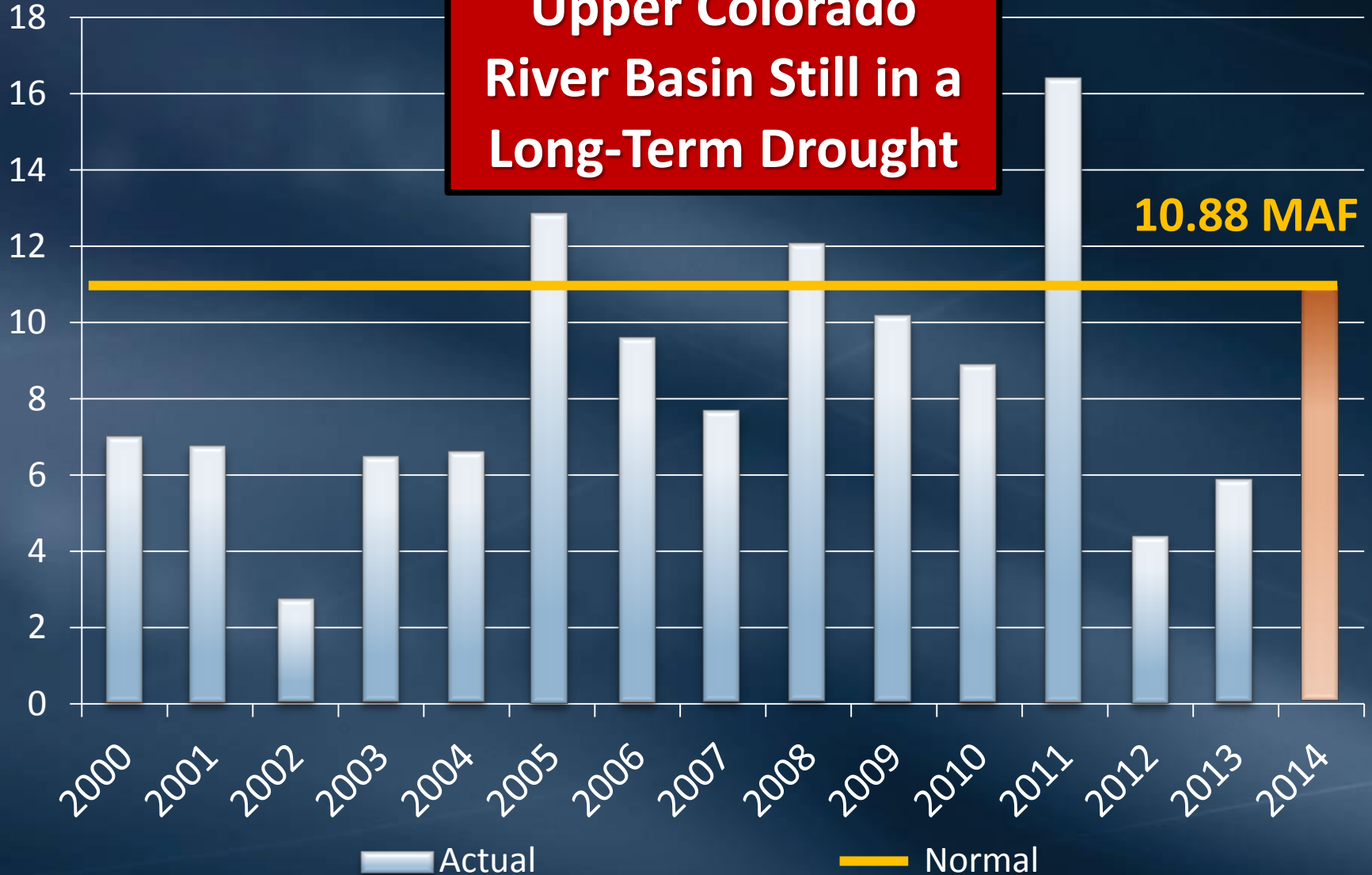
July 29, 2014

Southern California Imported Water Supply

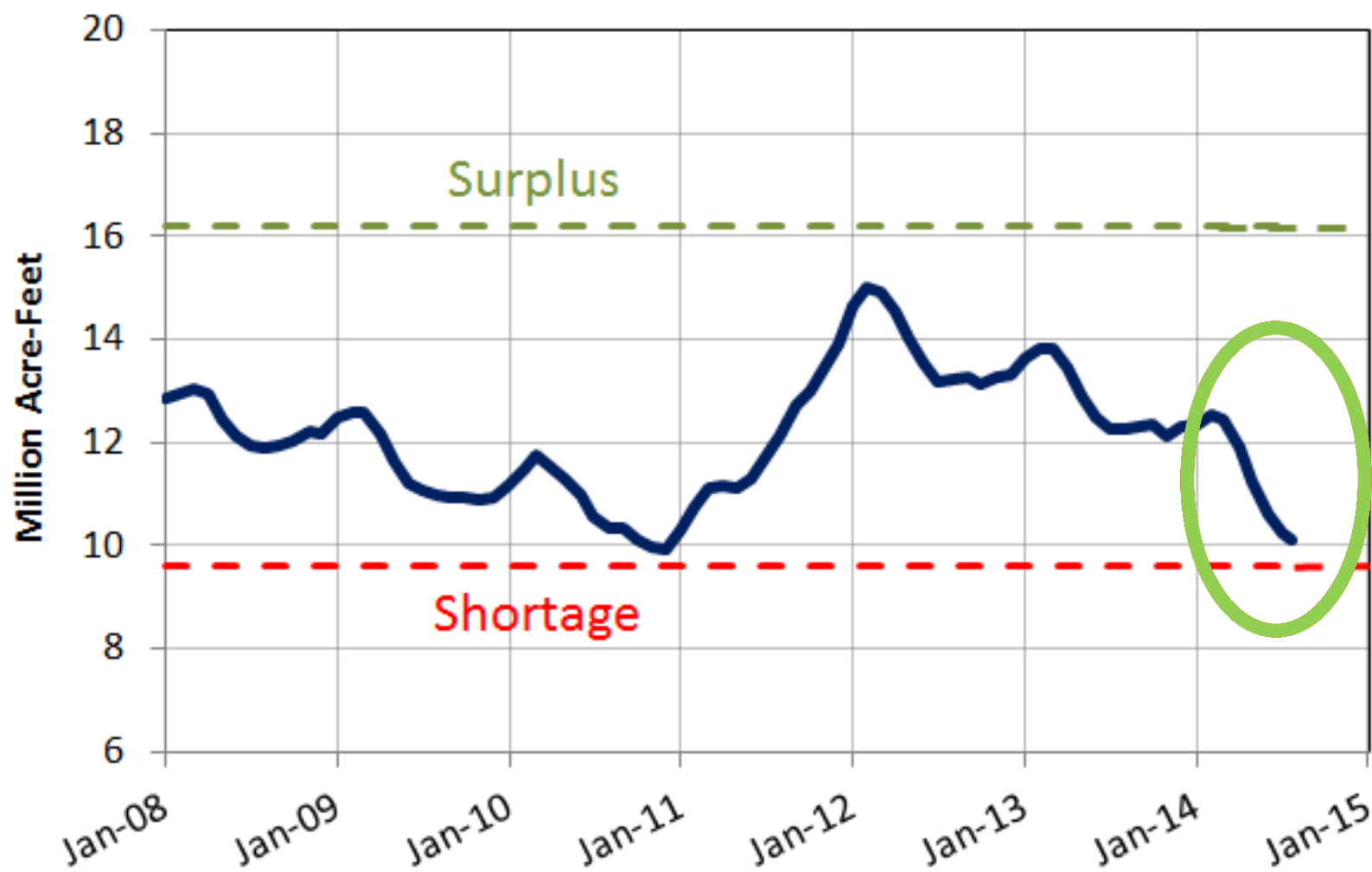


Lake Powell Runoff

Water Year

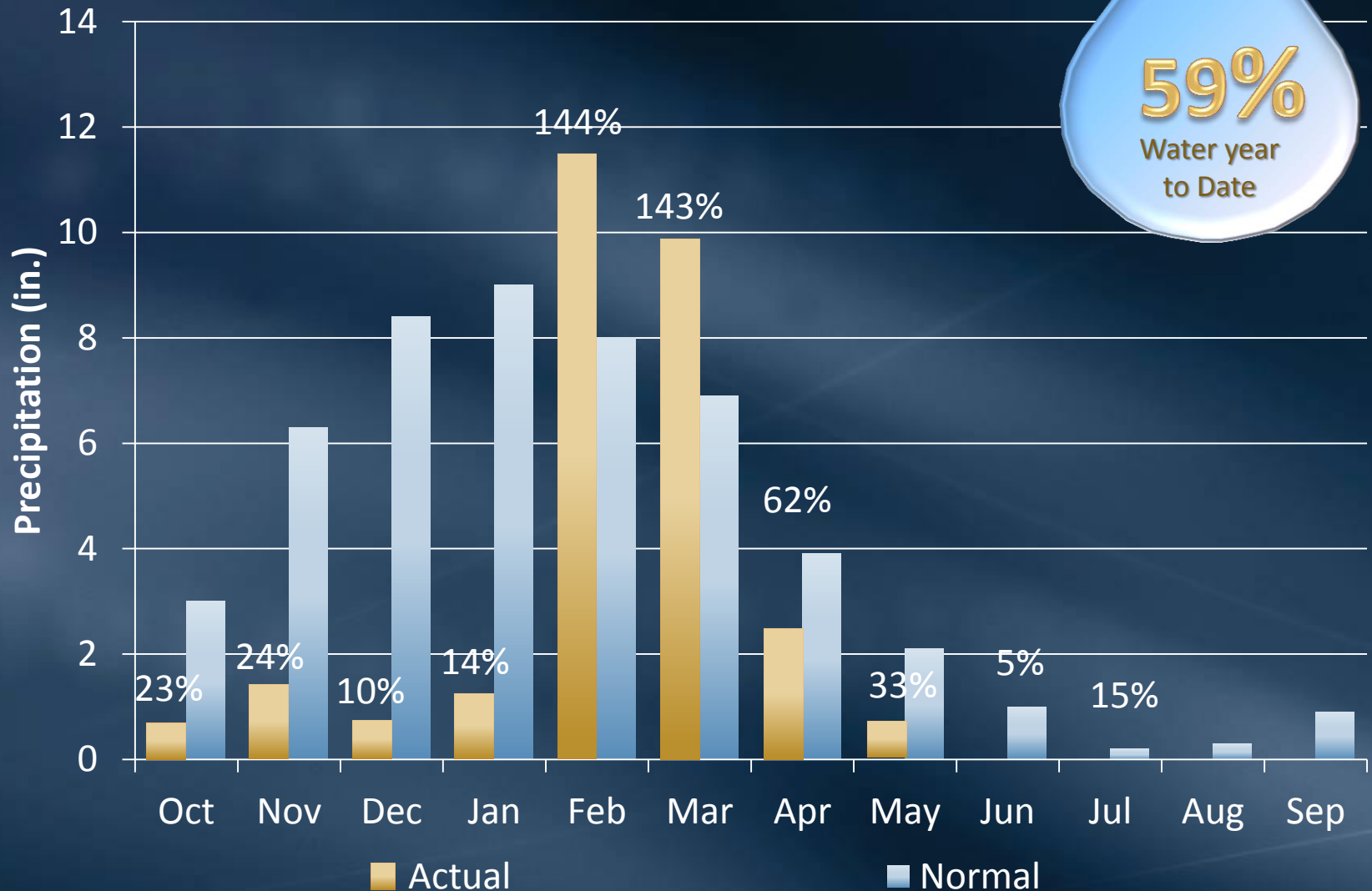


Lake Mead Storage

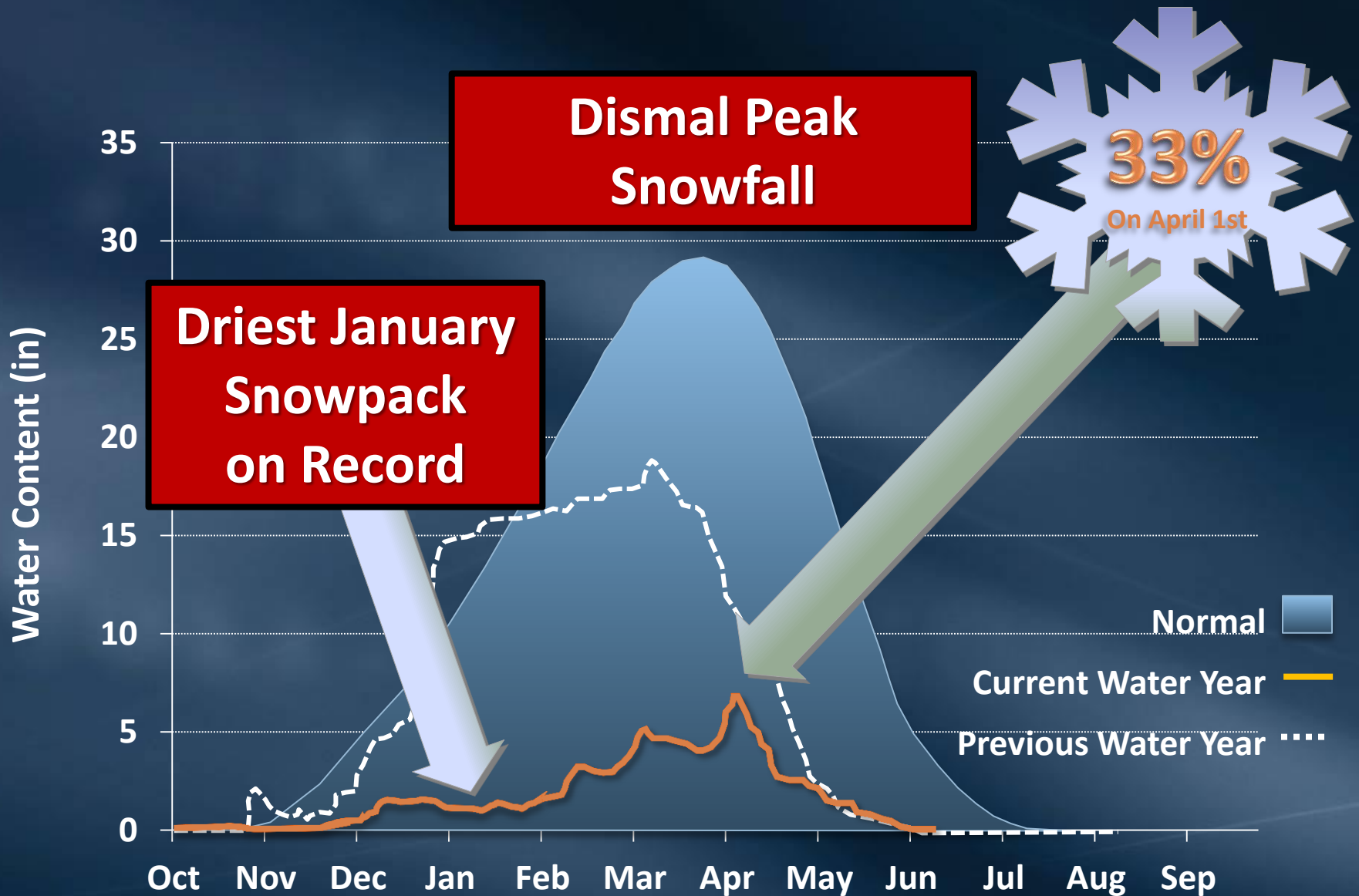


Northern Sierra Rainfall

59%
Water year
to Date



Northern Sierra Snowpack



January 18, 2013

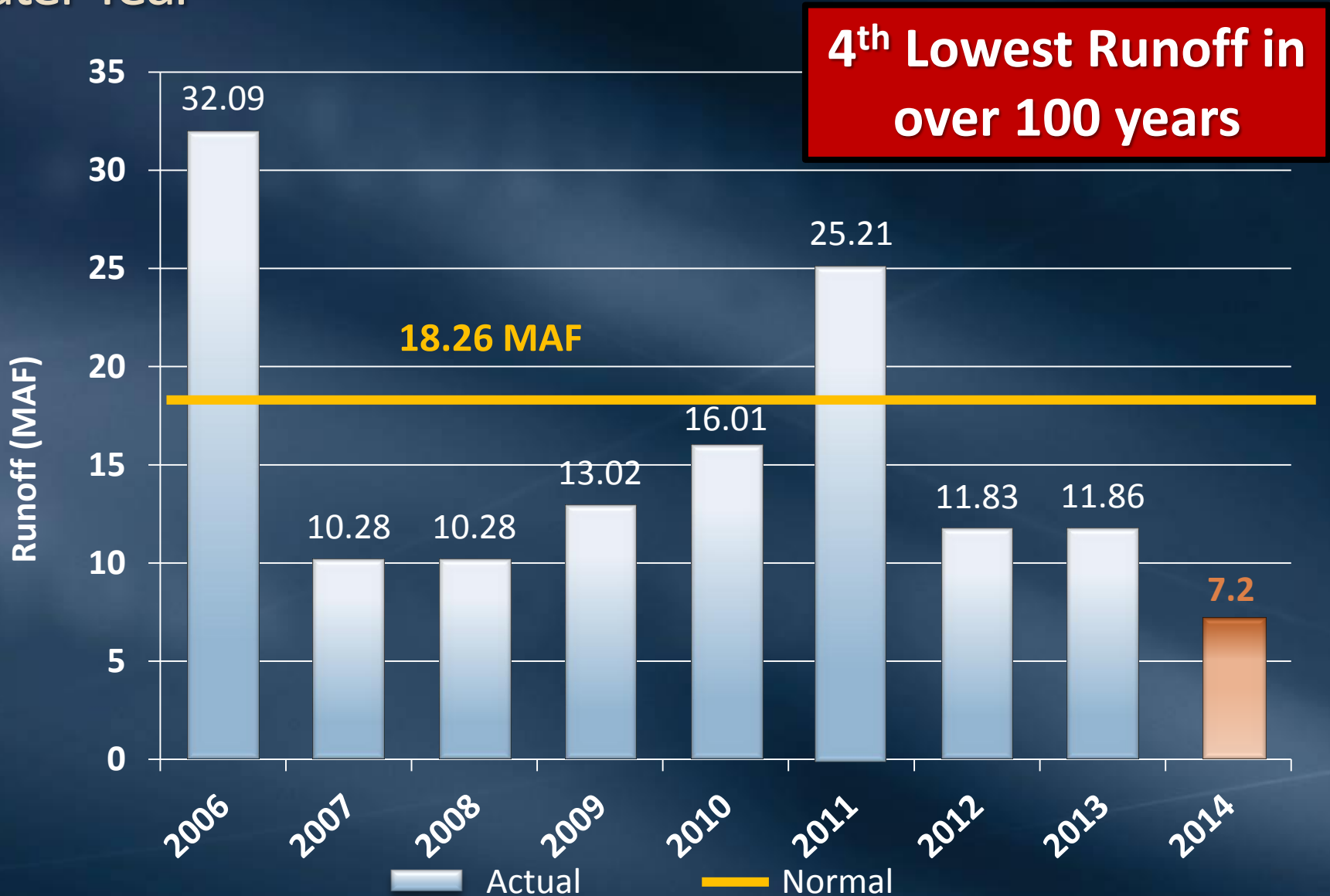


January 18, 2014



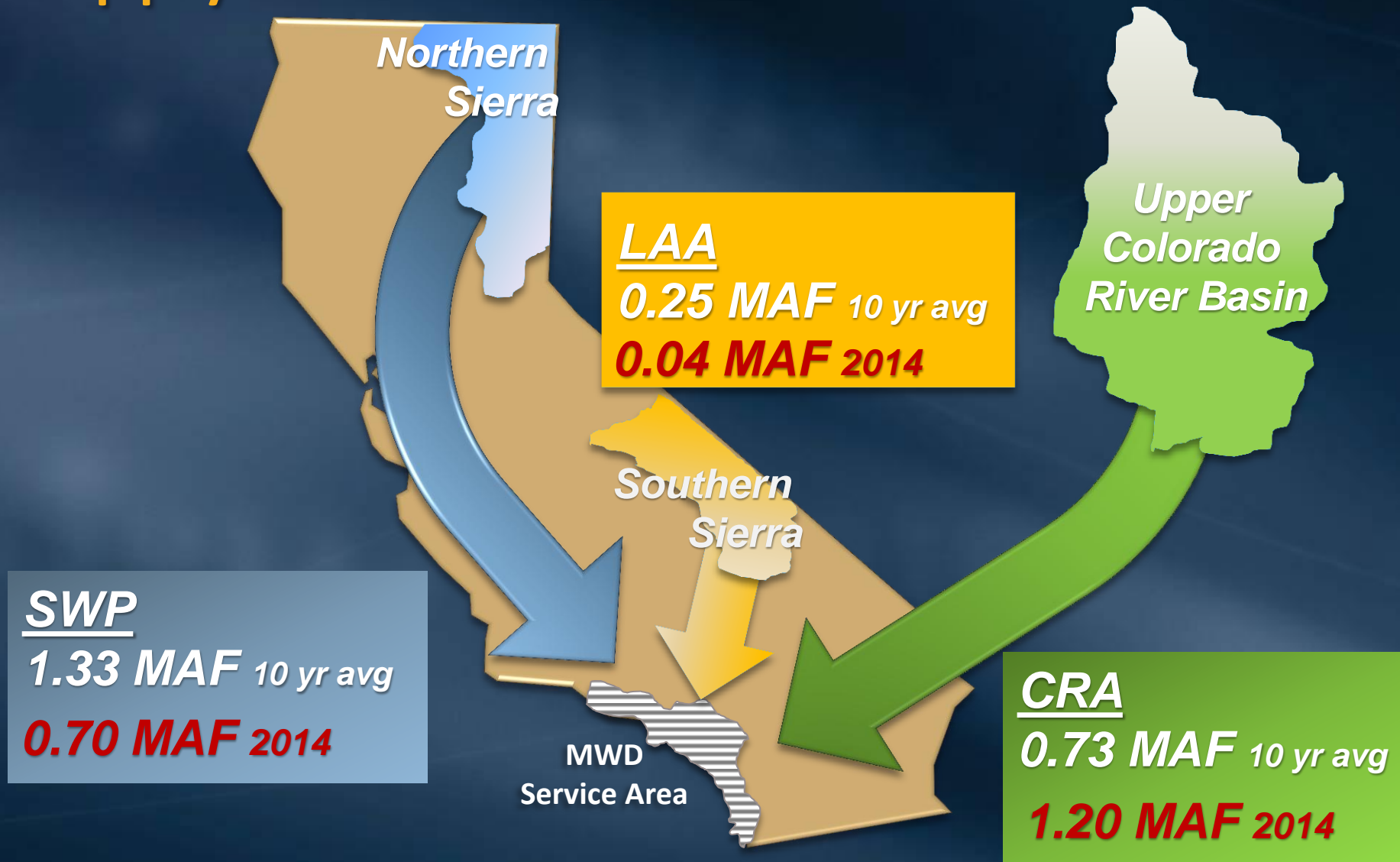
Northern California Runoff

Water Year





Southern California Imported Water Supply



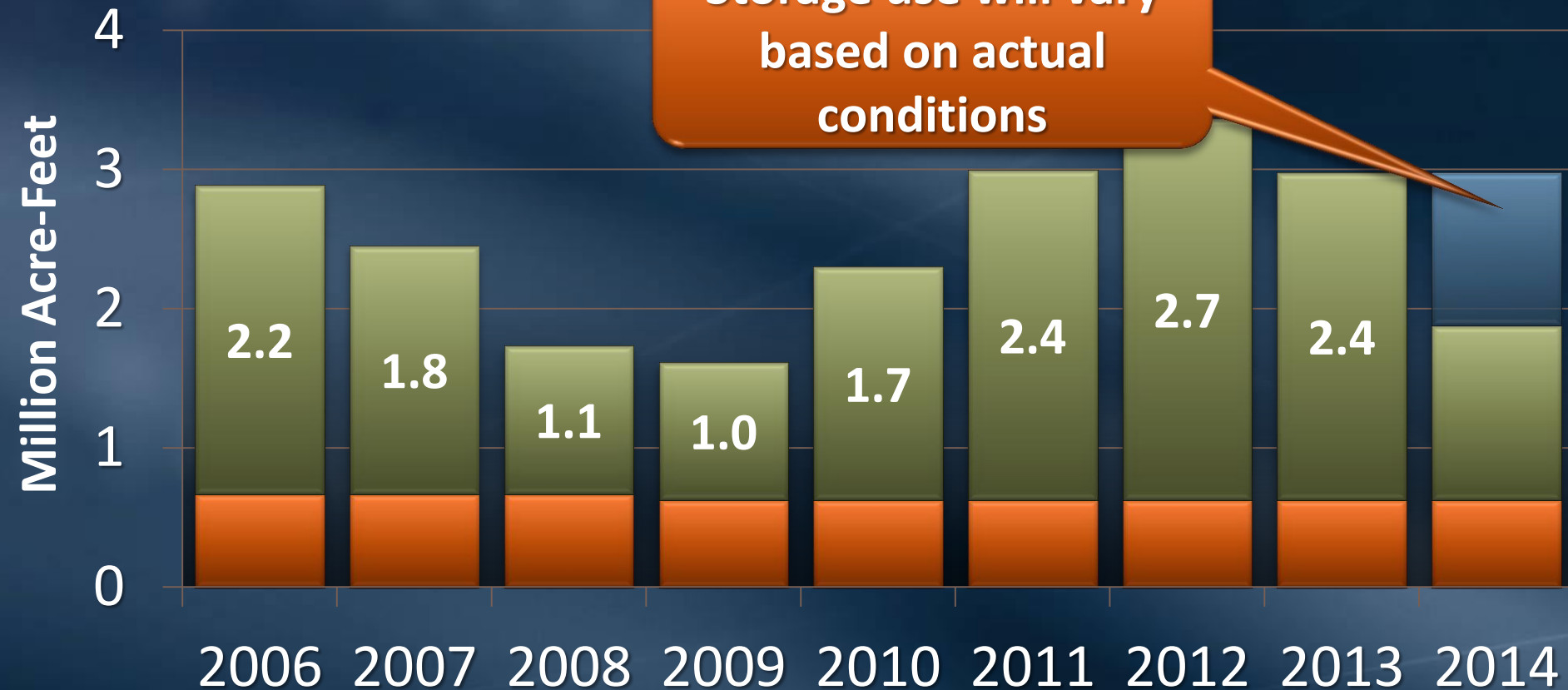
MWD Storage Reserves

End of Year Balances*

Emergency Storage

Dry-Year Storage

Storage use will vary
based on actual
conditions



*Estimated actual storage balances, may be subject to change.

Drought Response

- MWD Declares a Regional Water Supply Alert
 - Supports Governors 20% reduction in water use
 - Calls for implementation of extraordinary conservation through ordinances and measures
- SWRCB Adopts Emergency Water Conservation Regulations
 - Mandatory outdoor irrigation restrictions
 - Prohibits wasteful use of water outdoors



Drought Response (cont'd)

- Doubled Conservation Budget to \$40 million
 - Record activity on BeWaterWise.com
 - Increased interest in turf removal
 - New record on daily rebate applications (devices)
- Historical Demand Comparison
 - Hotter this year with lower local supplies vs. last drought
- Drop in Daily Demands
 - Reduced from 7,000 cfs to 6,000 cfs in last week



Questions?

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www.socalwatersmart.com





Regional Water Conservation Programs and Incentives

Gary Tilkian
Metropolitan Water District

GET AHEAD OR GET PARCHED:
SIX WAYS TO SURVIVE THE DROUGHT

July 29, 2014

Regional Rebate Program



Residential and Commercial Rebate Programs

Select the applicable rebate program below.



**SoCal Water\$mart
For Residential Customers**



**SoCal Water\$mart
For Commercial Customers**

Residential Plumbing



- **High Efficiency Toilets**

- 1.28 gpf or less

- Base rebate \$100

- **High Efficiency Clothes Washers**

- Water factor 4.0 or better

- Base rebate \$85



Commercial & Multi-Family Plumbing



- **High Efficiency Toilets**

- Tank, dual flush, flushometer
- 1.28 gpf or less
- Base rebate \$100
- **NEW for Multi-Family housing:
4Liter per flush (or less): \$145**



- **Zero / Ultra Low Water Urinals**

- From zero to .25 gpf
- Base rebate \$200

Fitness Center Program



- Increased incentives for:
 - High-Efficiency Toilets
 - \$300/toilet
 - Ultra-Low-Water Urinals
 - \$500/urinal
- May include installation costs

Food Service



- **Air Cooled Ice Machines**
 - Base rebate \$1,000 per machine



- **Connectionless food Steamers**
 - Base rebate \$485/compartment

Cooling Tower Controllers

- Conductivity Controllers
 - Base rebate \$625
- pH Conductivity Controllers
 - Base rebate \$1,750



Health Care & Other



- **Flow Control Valves (NEW)**

- Base rebate: \$5 per valve (min of 20)



- **Dry Vacuum Pumps**

- Base rebate \$125 per ½ HP



- **Laminar Flow Restrictors**

- Base rebate \$10 each (min 10)

Residential Landscape



- Rotating Spray Nozzles
 - Base rebate \$4 per nozzle

- Weather Based Controllers
 - Base rebate \$80

- Soil Moisture Sensor System
 - Base rebate \$80

- Rain Barrels (NEW)
 - Rebate \$75 per barrel (limit 4)



Commercial Landscape - Controllers



- Weather Based (“Smart”)
 - Base rebate \$35/station



- Central Computer
 - Base rebate \$35/station



- Soil Moisture Sensor System
 - Base rebate \$35/station

Commercial Landscape - Nozzles



- **Rotating Spray Nozzles**

- Base rebate \$4 per nozzle

- **Large Rotary Nozzles**

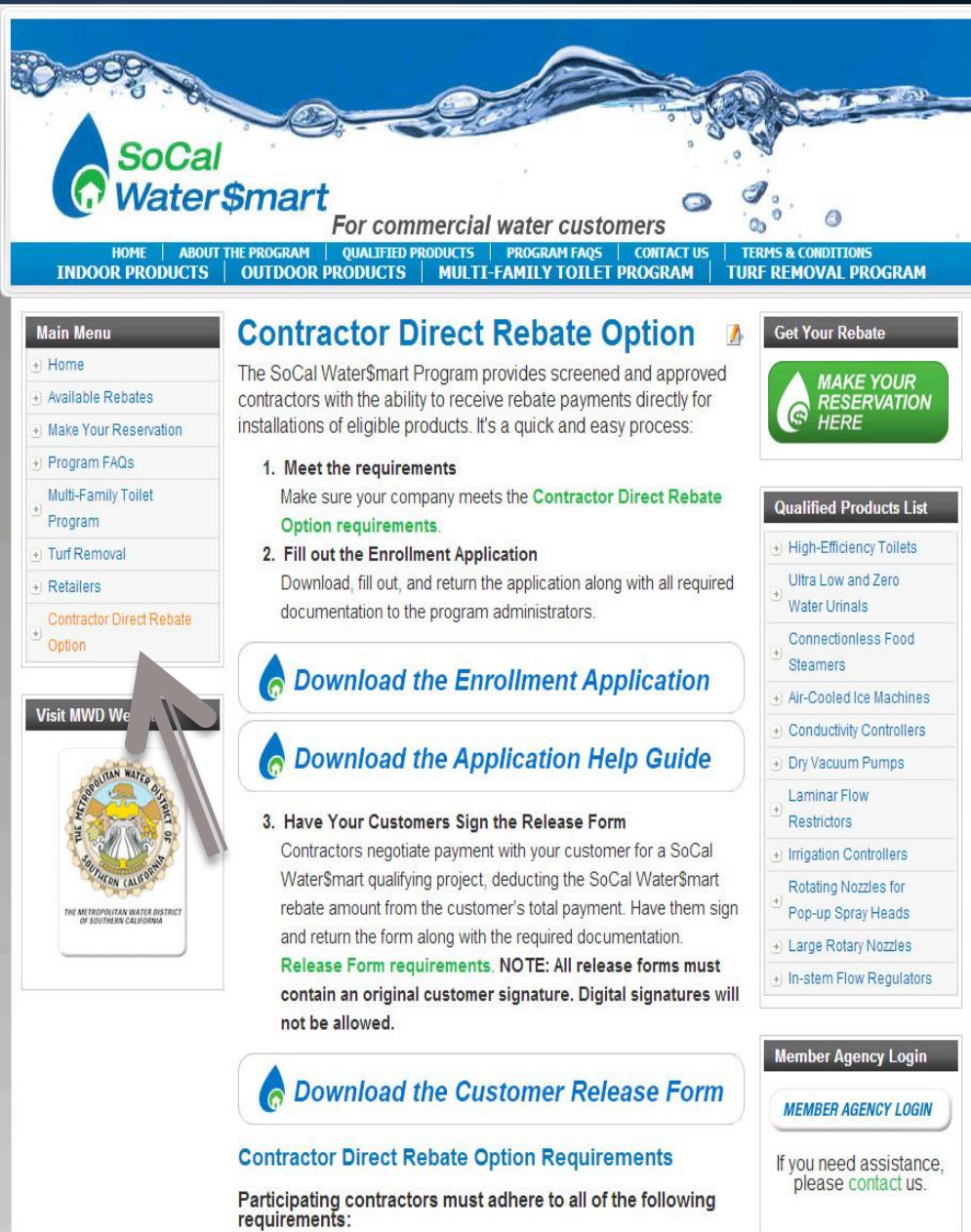
- Base rebate \$13/set



Contractor Direct Rebates

Contractors
installing qualifying
water efficiency
products can now
receive rebates
directly from
SoCal Water\$mart.

www.SoCalWaterSmart.com



SoCal Water\$mart
For commercial water customers

HOME | ABOUT THE PROGRAM | QUALIFIED PRODUCTS | PROGRAM FAQs | CONTACT US | TERMS & CONDITIONS
INDOOR PRODUCTS | OUTDOOR PRODUCTS | MULTI-FAMILY TOILET PROGRAM | TURF REMOVAL PROGRAM

Main Menu

- Home
- Available Rebates
- Make Your Reservation
- Program FAQs
- Multi-Family Toilet Program
- Turf Removal
- Retailers
- Contractor Direct Rebate Option**

Contractor Direct Rebate Option

The SoCal Water\$mart Program provides screened and approved contractors with the ability to receive rebate payments directly for installations of eligible products. It's a quick and easy process:

- 1. Meet the requirements**
Make sure your company meets the **Contractor Direct Rebate Option requirements**.
- 2. Fill out the Enrollment Application**
Download, fill out, and return the application along with all required documentation to the program administrators.
- 3. Have Your Customers Sign the Release Form**
Contractors negotiate payment with your customer for a SoCal Water\$mart qualifying project, deducting the SoCal Water\$mart rebate amount from the customer's total payment. Have them sign and return the form along with the required documentation.
Release Form requirements. NOTE: All release forms must contain an original customer signature. Digital signatures will not be allowed.

[Download the Enrollment Application](#)

[Download the Application Help Guide](#)

[Download the Customer Release Form](#)

Contractor Direct Rebate Option Requirements

Participating contractors must adhere to all of the following requirements:

Get Your Rebate

MAKE YOUR RESERVATION HERE

Qualified Products List

- High-Efficiency Toilets
 - Ultra Low and Zero Water Urinals
- Connectionless Food Steamers
- Air-Cooled Ice Machines
- Conductivity Controllers
- Dry Vacuum Pumps
- Laminar Flow Restrictors
- Irrigation Controllers
- Rotating Nozzles for Pop-up Spray Heads
- Large Rotary Nozzles
- In-stem Flow Regulators

Member Agency Login

MEMBER AGENCY LOGIN

If you need assistance, please [contact us](#).

Public Agency Landscape Program

- Up-front payments
- Enhanced Rebates
 - Irrigation controllers: \$55/station
 - Rotating spray nozzles: \$6/nozzle
 - Large rotary nozzles: \$13/set (of 2)



Regional Turf Removal

- Online application process
- \$2 per sq/ft
- Some Agencies may:
 - Add funding
 - Apply local rules



Regional Turf Removal



Water Savings Incentive Program



- Encourage custom projects
- Eligible projects
 - Industrial process
 - Irrigation system
 - Agricultural
- Incentives
 - \$195/AF for measured savings
 - \$150/AF for estimated savings
 - Up to 10 year life
 - Up to 50% of eligible project cost

Commercial Landscape Surveys

- Minimum 1 acre irrigated area
- Commercial, institutional, public agencies, HOA common areas
- Recommendations to improve water efficiency
- <http://www.bewaterwise.com>: look for “Landscape Irrigation Survey” link
- FREE



On-Site Retrofit Pilot Program Recycled Water

- Public or private owners
- Online application process
- Incentive of \$195/AF
- Two years of water use
- Begin July 1, 2014
- First come first Serve



Estimated Water and Money Savings

Device	Estimated Annual Water Savings	Estimated Annual Water Bill Savings (\$2.50 per ccf)*	Estimated Annual Water Bill Savings (\$6.00 per ccf)*
Smart Irrigation Controllers	4,200 Gallons /Station	\$336 (24 station)	\$808 (24 station)
High Efficiency Nozzles	1,303 Gallons /Nozzle	\$4.35	\$10.45
High Efficiency Toilets	13,870 Gallons	\$46	\$111
Ultra Low Volume Urinals	20,000 Gallons	\$66	\$160
Cooling Tower Conductivity Controllers	293,200 Gallons	\$979	\$2,351
Cooling Tower pH Controllers	889,000 Gallons	\$2,971	\$7,131
Connectionless Food Steamers	81,300 Gallons	\$271	\$652
Air Cooled Ice Machines	50,100 Gallons	\$167	\$401

*CCF or hundred cubic feet equals 748 gallons.

NOTE: Your savings may vary.

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