

Nipomo Community Services District

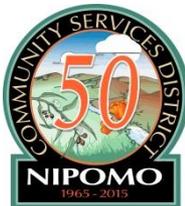


Meeting Community Water Supply Needs
June 23, 2015



Today's Agenda

- **Water Supply Background**
- **Assuring Adequate Water Supplies – Supplemental Water Arrival**
- **New Water Disinfection is Safer and Better**
- **The District's Water Shortage Response**
- **Brown is the New Green – 'Brown Out' Lawns**
- **Saving Water Saves Money – Rate Talk**
- **Q&A**



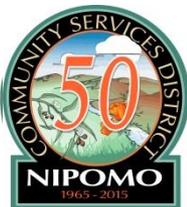
Our Water Problem

The Nipomo Mesa has
only ONE source of water . . .

. . . the groundwater pumped from
beneath us.

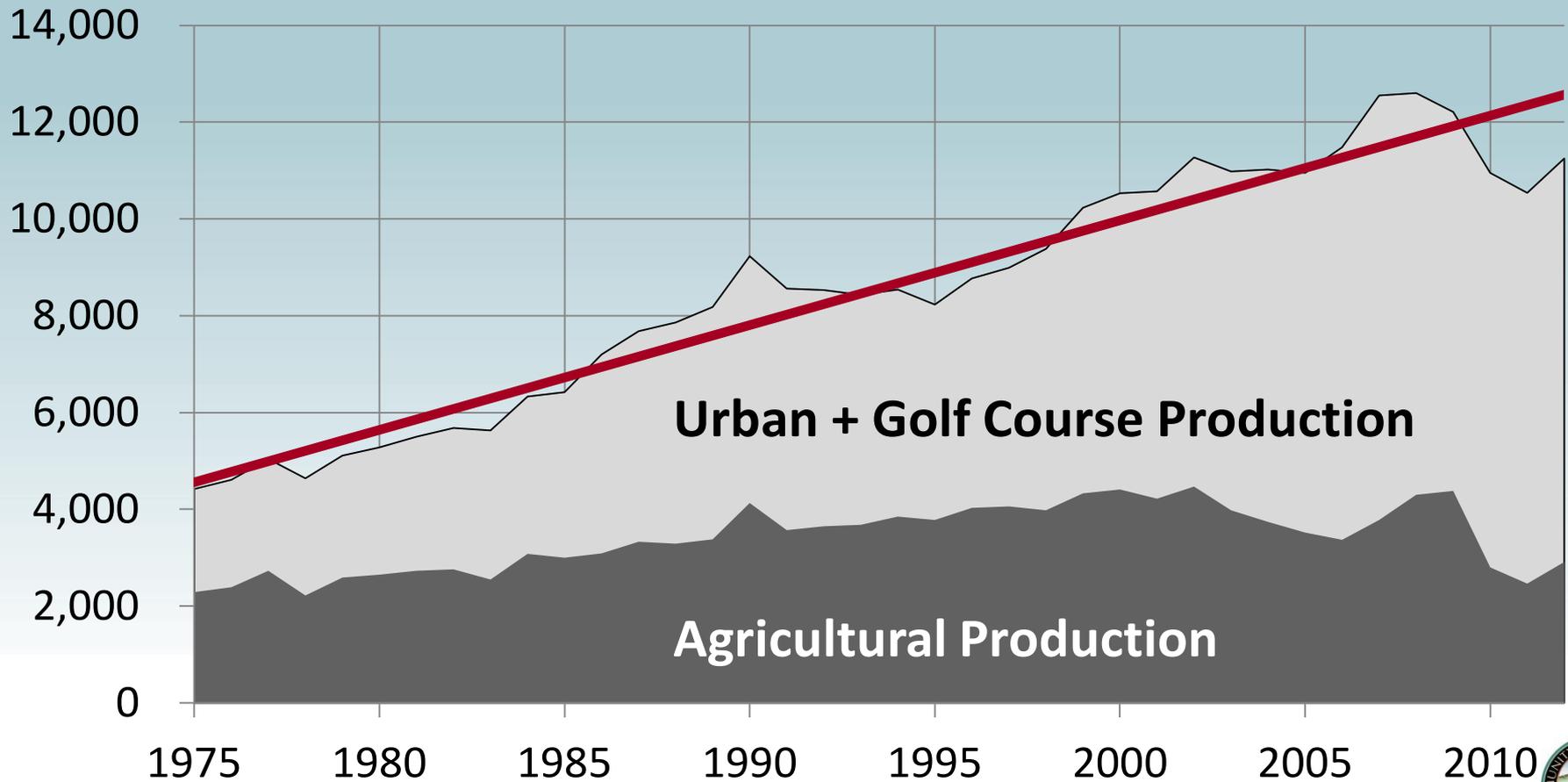
Groundwater Levels Are At a Historic Low.

Here's Why...



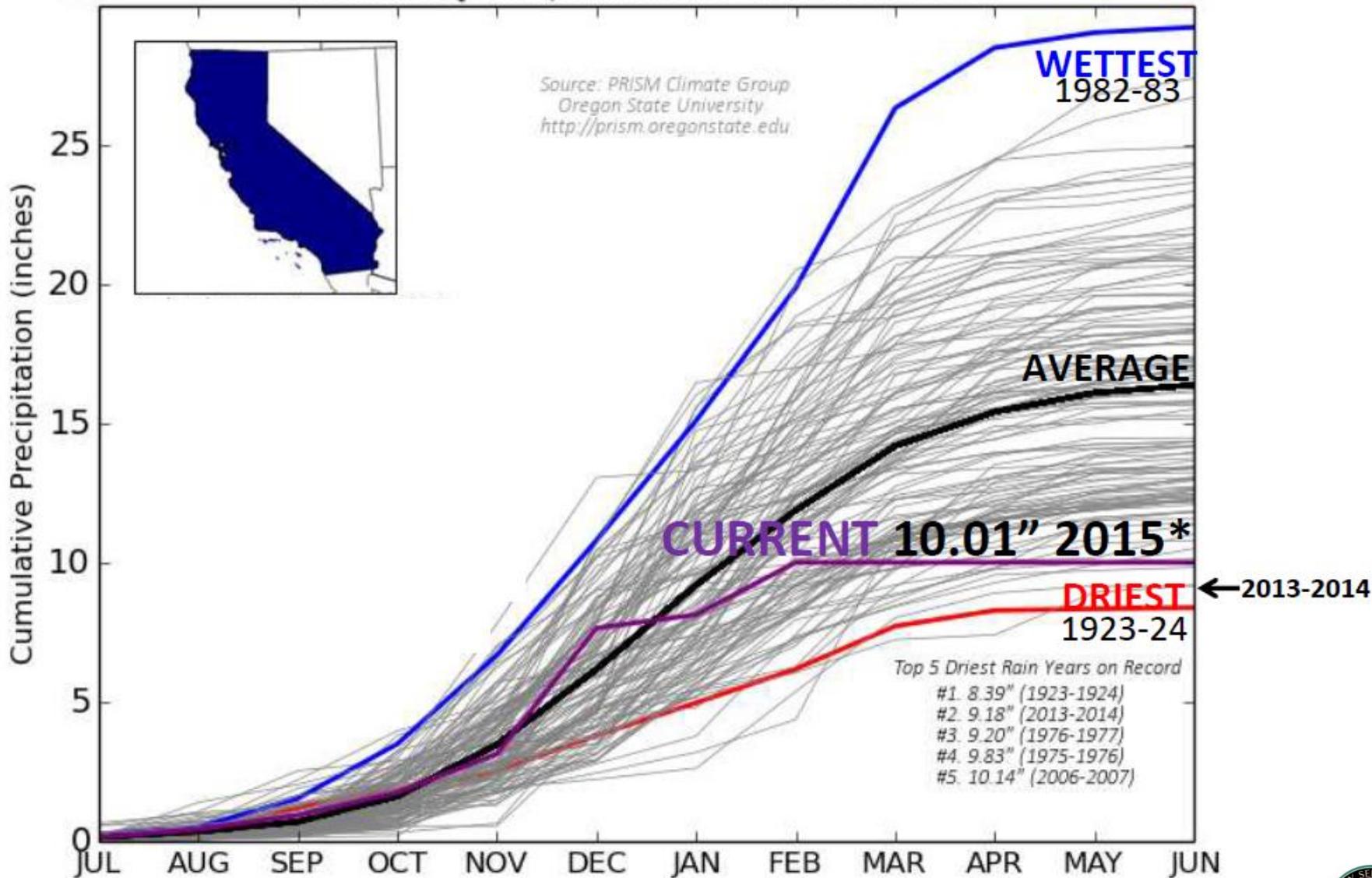
Nipomo Mesa Water Use Steady Increase Since 1970s

Acre-Feet



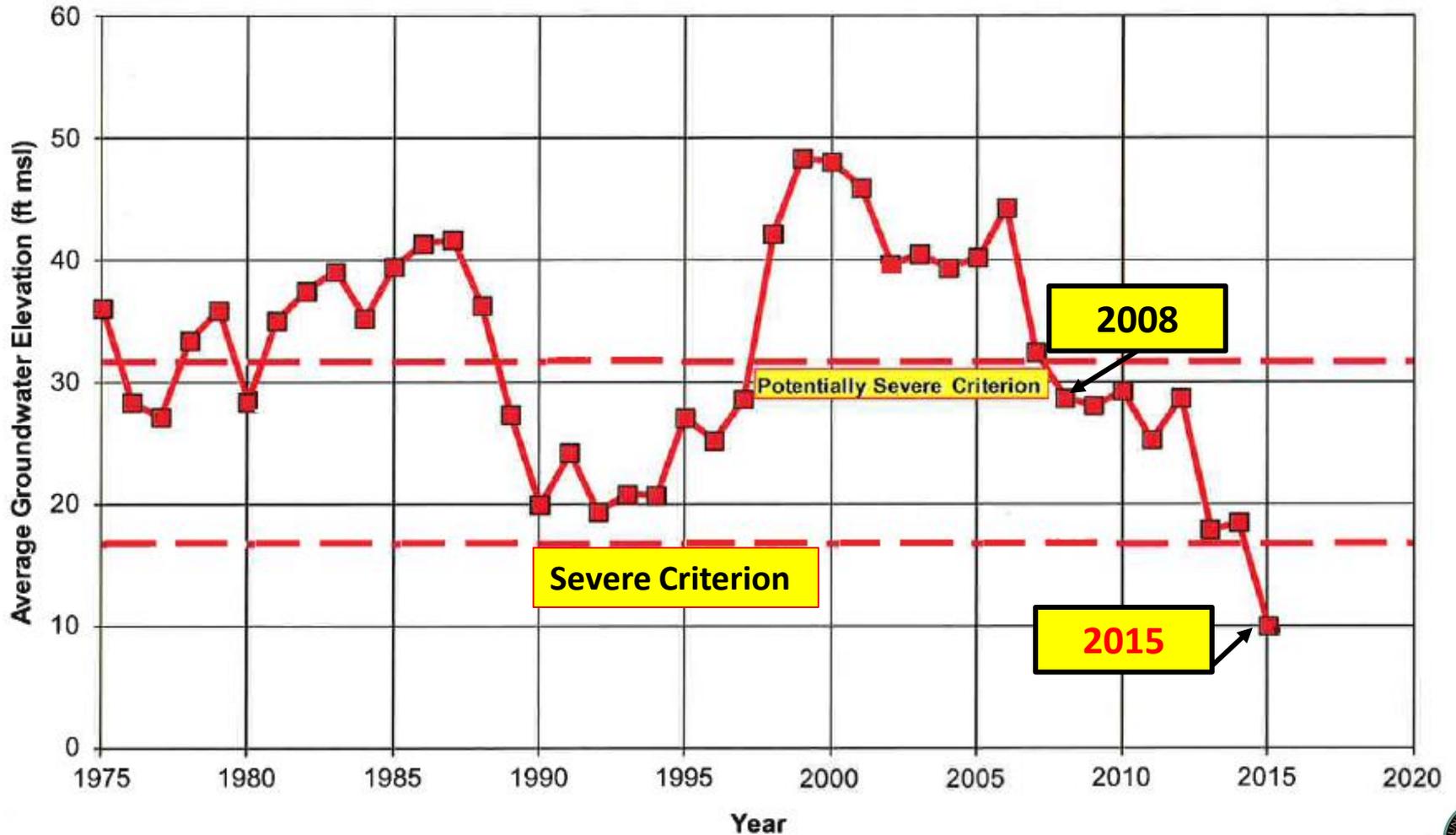
Accumulated Rainfall in California

Preliminary Data, Rain Years Since 1895-1896

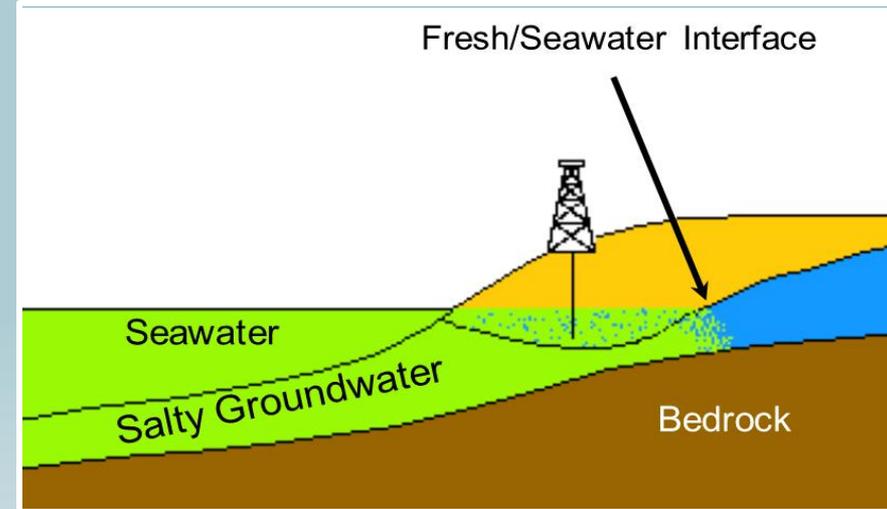
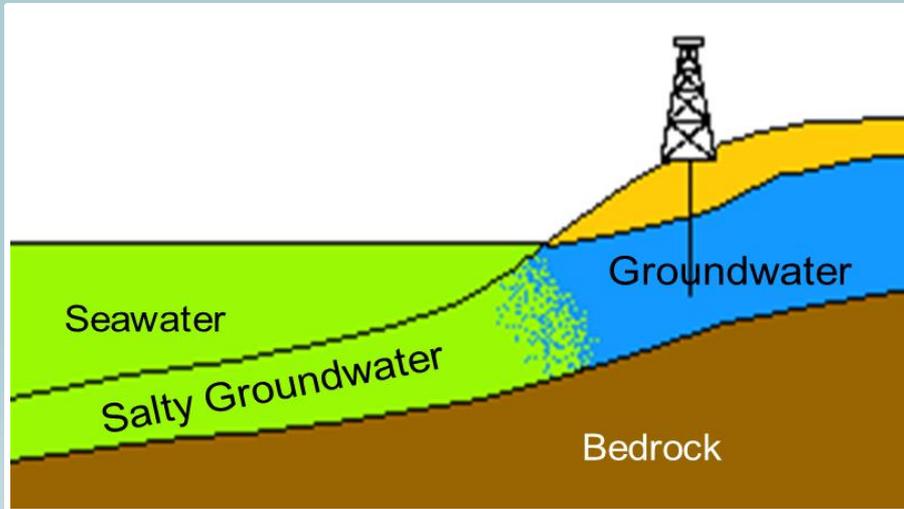


Groundwater reached "Severe Shortage" in 2015

Key Wells Index



Our Aquifer is Next to the Pacific Ocean



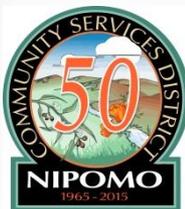
When fresh water table stays
above sea level...
Seawater stays offshore.

Over pumping causes the
fresh water table to fall
below sea level...
Creating opportunity for
seawater intrusion.

Seawater Intrusion Would Contaminate our Groundwater

Assuring Adequate Water Supplies

District is Taking Action.



Assuring Adequate Water Supplies Nipomo Supplemental Water Project

650 acre-feet of
new water supply
will be available
NEXT MONTH.

3,000 acre-feet of
new water to our
community in
future years.



Assuring Adequate Water Supplies

Supplemental Water is Coming!



New Water Disinfection is Safer and Better



With delivery of supplemental water this summer, the disinfectant in the District's water supply will be switched from chlorine to chloramine.

The District is making this change to ensure system compatibility with the new water received from Santa Maria.

New Water Disinfection is Safer and Better



Chloramines

- Quick, effective, safe, regulated by State
- Reduce the potential of disinfection byproducts
- Can affect kidney dialysis patients and those with aquariums; consult a professional

Fluoridation



The District does not add fluoride to its water supply.

The City of Santa Maria adds safe and approved amounts of fluoride.

District water will contain fluoride at levels equal to or less than found in the City's water.

Fluoridation



Fluoride

- Fluoride in community water systems is recognized by the Center for Disease Control (“CDC”) as a healthy way to effectively prevent tooth decay

District Water Shortage Response

The District is currently in a Stage III Water Shortage

Stage	Trigger	Response
1	All Times	Conservation Education
2	Potentially Severe Water Shortage	More Intensive Education
3	Severe Water Shortage	30% Reduction in Groundwater
4	Severe Water Shortage More Than 1 Year or is Triggered by Both Key Wells Index and Coastal Criterion	50% Reduction in Groundwater
5	Severe Water Shortage More Than 2 Years with Both Key Wells Index and Coastal Criterion Triggered	60% Reduction in Groundwater

District Water Shortage Response

Also Following State Mandated Water Waste Prohibitions

District customers and *all users of our groundwater basin* are strongly encouraged to:

Take direct control of automated irrigation systems and allow turf/lawn areas to 'Brown Out'

Provide min. necessary irrigation to preserve trees and shrubs

Do not drain/fill swimming pools or spas

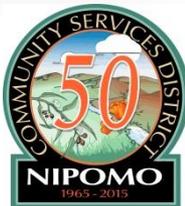
Do not use water to clean buildings or exterior surfaces

Do not wash cars or equipment unnecessarily

Turn off and drain ornamental fountains and water features



Report water waste at 929-1133 or info@ncsd.ca.gov



Brown is the New Green

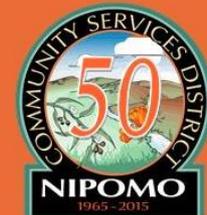
'Brown out' Lawns this Summer



**REDUCE
YOUR USE!**

**Our water supply
is threatened.**

www.ncsd.ca.gov



**Nipomo Community
Services District**

Saving Water Saves Money

Rate Talk

NCSD has a 4-tiered rate structure

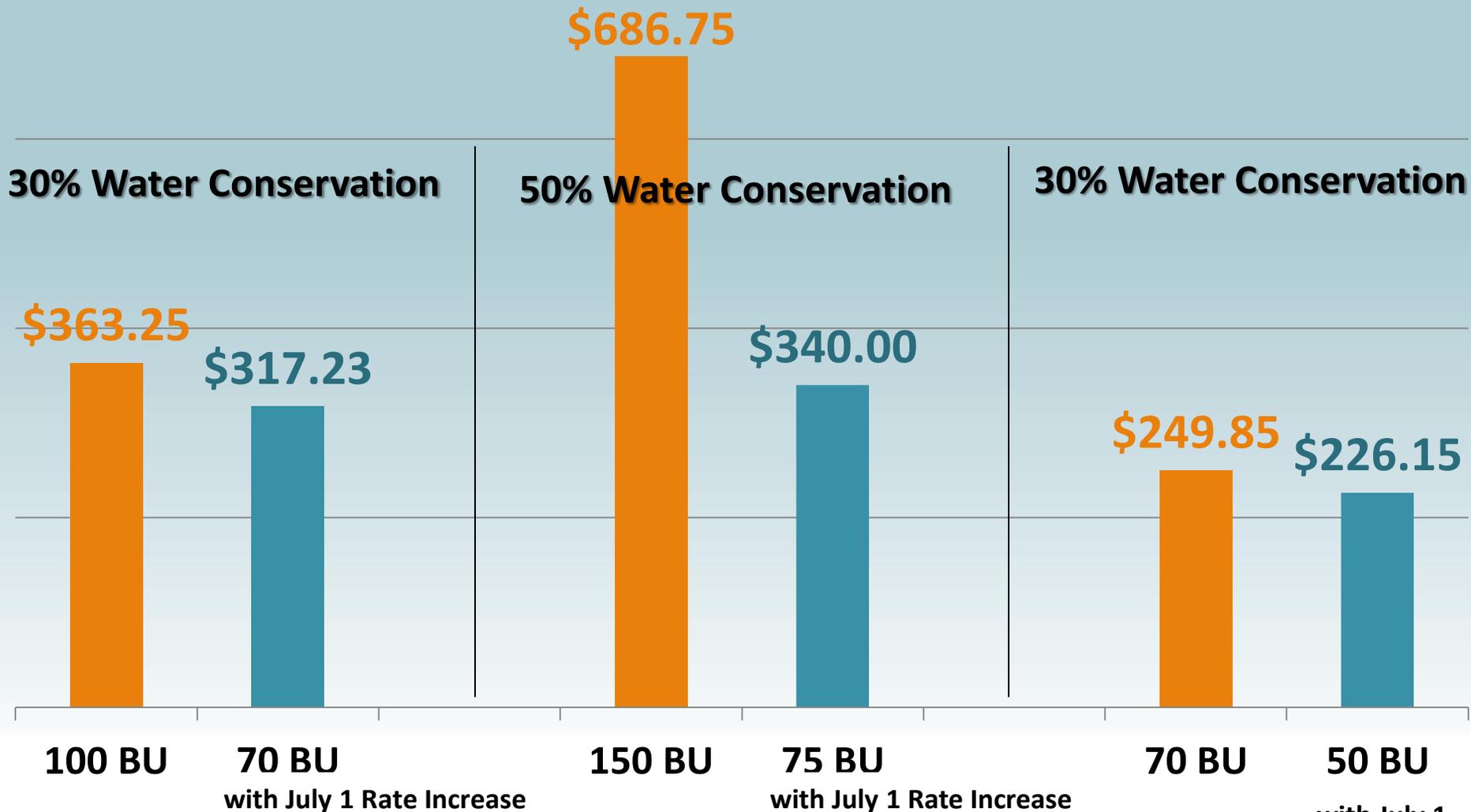
The rate structure rewards conservation and penalizes waste

Rates are going up when supplemental water arrives but your bill does not have to



Saving Water Saves Money

Rate Talk



BU = Billing Unit (1 BU is 748 gallons)
SW = Supplemental Water

with July 1
Rate
Increase

Saving Water Saves Money

Rate Talk

THE DISTRICT'S SCHEDULE OF MISCELLANEOUS FEES WILL BE UPDATED AND EXPANDED EFFECTIVE JULY 1.

- These 'Cost of Service' fees apply only to customers who specifically request and/or require additional services.
 - Eg; Late Fee, Shut Off Notice, Tampering Fee, Copying Charges, after-hours call outs.
- The fees are being adjusted or newly added to better capture the cost incurred by the District for providing the service.
- Changes to most common service charges:
 - Late Fee will change from \$5.00 to the higher of \$10 or 10% of bill
 - 48- Hour Shut Off Notice (for non payment), a fee of \$20 will be assessed if Door Hanger is required.

Questions?

It's time for a new look!
Grass guzzles water, 'brown out' your lawn.



SEVERE WATER SHORTAGE!
Brown is the new green.

Learn more at www.ncsd.ca.gov or
  /NipomoCSD



Nipomo Community Services District

Contact Information:

Michael S. LeBrun, General Manager

805-929-1133

mlebrun@ncsd.ca.gov

Web site: www.ncsd.ca.gov