

Irvine Ranch Water District Local Supply and Drought Response

Presentation to City of Irvine
April 14, 2015



Presentation Agenda

- About Irvine Ranch Water District
- State Wide Drought Update
- IRWD Water Supply
- Status of Drought Regulations
- Next Steps
- Resources and Tools

Irvine Ranch Water District



A California Special District Serving Central Orange County

Reliable High-Quality Water & Sewer Service.

Efficient. Cost Effective. Environmentally Sensitive.

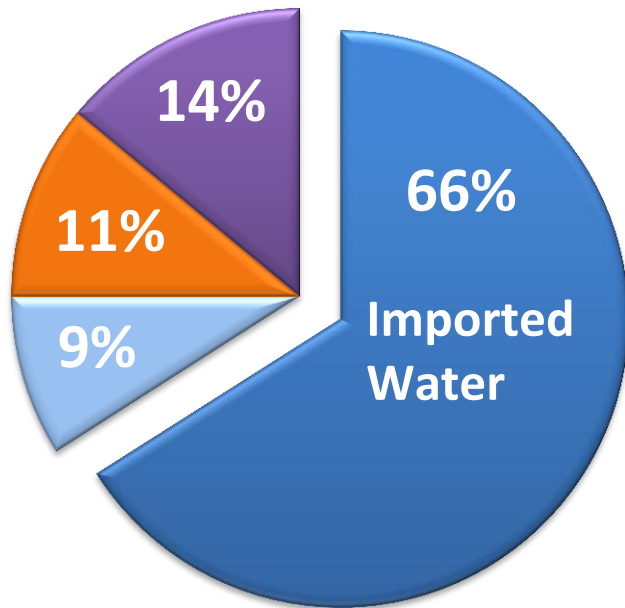
High Level of Customer Satisfaction.

IRWD Water Supply Portfolio. Then and Now.

1990

Population Served: 114,000

Total Water Provided: 40,492 AF

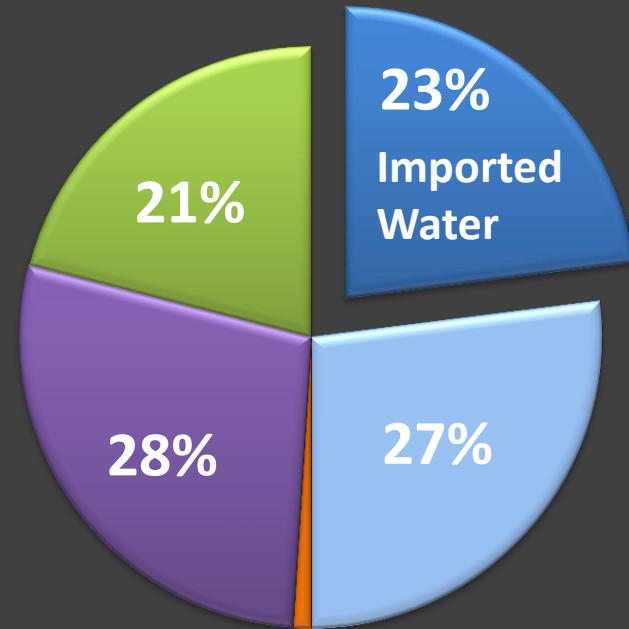


- Imported Water
- Clear Groundwater
- Local Surface Water
- Recycled Water

2014

Population Served: 374,000

Total Water Provided: 99,495 AF



- Imported Water
- Clear Groundwater
- Local Surface Water
- Recycled Water
- Treated Groundwater

California Drought: A Statewide Issue

Worst drought in California history

Four consecutive dry winters

2013 – driest year on record

2014/15 record-breaking heat

Water storage levels dropping

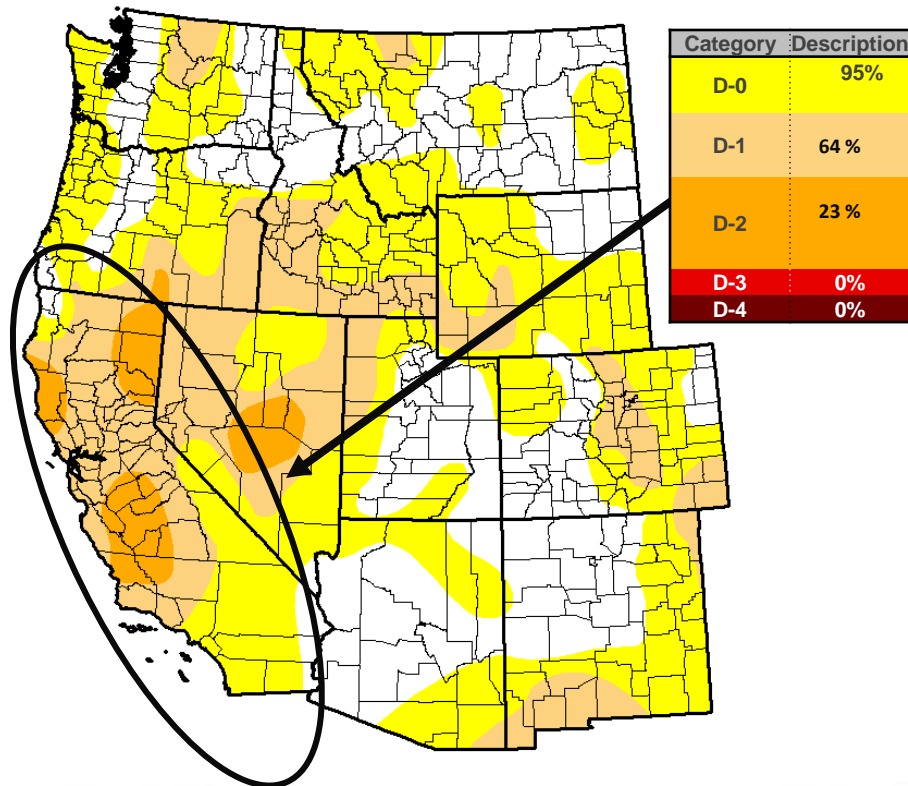
Saving water is urgent



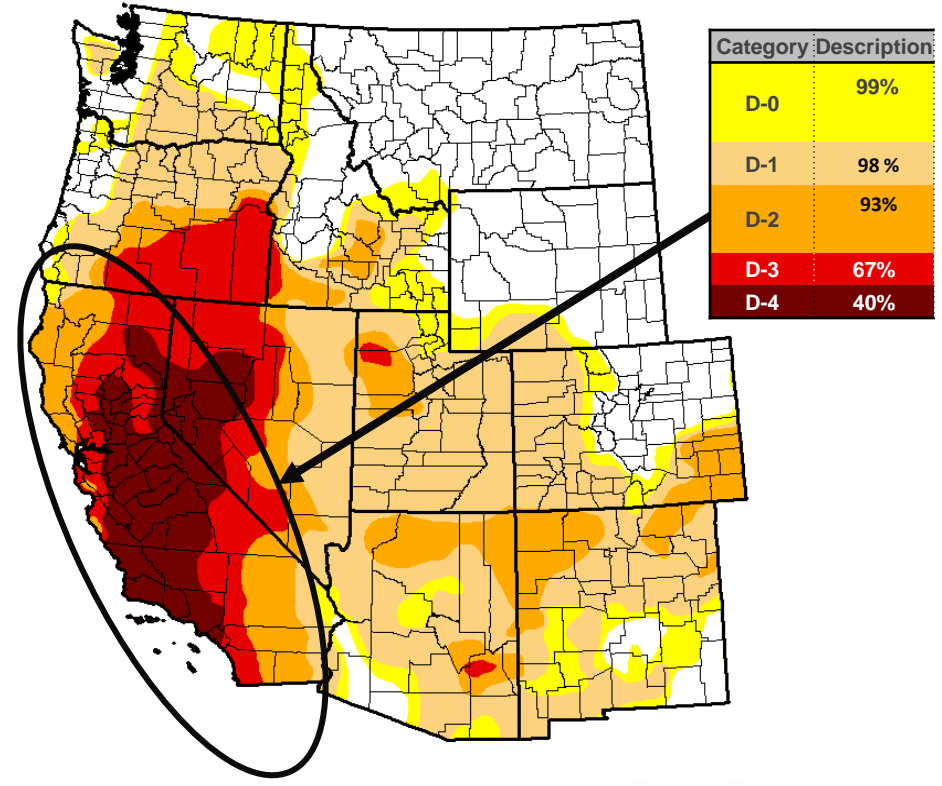
California Drought Comparison

Category	Description
D-0	Abnormally Dry
D-1	Moderate Drought
D-2	Severe Drought
D-3	Extreme Drought
D-4	Exceptional Drought

March 17, 2009



March 10, 2015



2014/15 Emergency Drought Restrictions Timeline

- July 28, 2014 Initial Emergency Drought Restrictions
- August 15, 2014 IRWD Alternate Plan Approved using the Allocation-Based Conservation Rate Structure
- March 17, 2015 State Water Resources Control Board updates Drought Restrictions
- April 1, 2015 Governor Brown issues Executive Order on Water Restrictions
- May 5, 2015 State Water Resources Control Board Regulations Implementing Governor's Executive Order

Mandatory Water Use Prohibitions Already in Effect

- Washing down driveways and sidewalks with potable water.
- Causing runoff as a result of excess outdoor watering.
- Using a hose to wash a motor vehicle, unless the hose is fitted with an automatic shutoff nozzle.
- Using potable water in a fountain or decorative water feature, unless the water is recirculated.



Restrictions Proposed by Governor

- 25% Statewide reduction in potable water.
- Percentage to vary by water agency.
- Prohibits potable water irrigation for ornamental turf on street medians.



Restrictions Proposed by Governor

- Requires irrigation with potable water in new development to use drip or micro-spray.
- Statewide initiative to replace turf with drought tolerant landscapes.
- Expedite updated State Model Water Efficient Landscape Ordinance.



MWD Takes Steps To Cut Water Allocations

Today the **Metropolitan Water District of Southern California** implemented a Level 3 regional shortage of 15% for imported water.

What does this mean for IRWD customers?

Level 3 is approximately a 3 – 5 % reduction of IRWD's total water supply and will be folded into the statewide water use reductions already being proposed by **State Water Resources Control Board**.

What Can the City of Irvine Do Now?

IRWD partners with the City of Irvine on water saving programs:

- Using drought friendly landscape plants.
- Promote use of recycled water for landscape.
- Rebates and expertise in turf removal program
- Water saving plumbing fixture retrofits in city buildings.
- Support for the Peters Canyon Project that will increase Orange County drinking water supply.

What Can Irvine Residents Do Now?

Over 60% of water is used outdoors,
so:

1. Check your sprinkler timer
2. Remove water-thirsty turf
3. Fix water leaks

RightScape[™]

Water Efficiency Made Easy

Financial Incentives to Help Save Water



Outdoor Rebates

- Weather- Based Irrigation Controller
- Rotating Spray Nozzle
- Turf Removal Rebate Program
- Rain Barrel
- Soil Moisture Sensor

Indoor

- High Efficiency Clothes Washer
- High Efficiency Toilet

Rebate Information and Applications

www.irwd.com

Water Saving Resources

- Free on-site assistance
- Free events and classes
 - Landscape workshops
 - Landscape and Gardening Education
- Conservation hotline
(949) 453-5581
- Report water waste
(949) 453-5494



Upcoming FREE Community Landscape Workshops



RightScape Garden Design Workshop Series

6 pm – 8pm

June 3 The Right Plants
June 17 The Right Equipment
July 1 The Right Schedule

RSVP

IRWD.com/events
(949) 453-5581

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Multi-Purpose Room
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How to Reach Us:

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