



THE CITY OF SAN DIEGO

Citywide Water Conservation Efforts

City of San Diego
Natural Resources & Culture Committee
September 10, 2008



San Diego's Semi-Arid Climate

San Diego receives little rainfall to support our needs

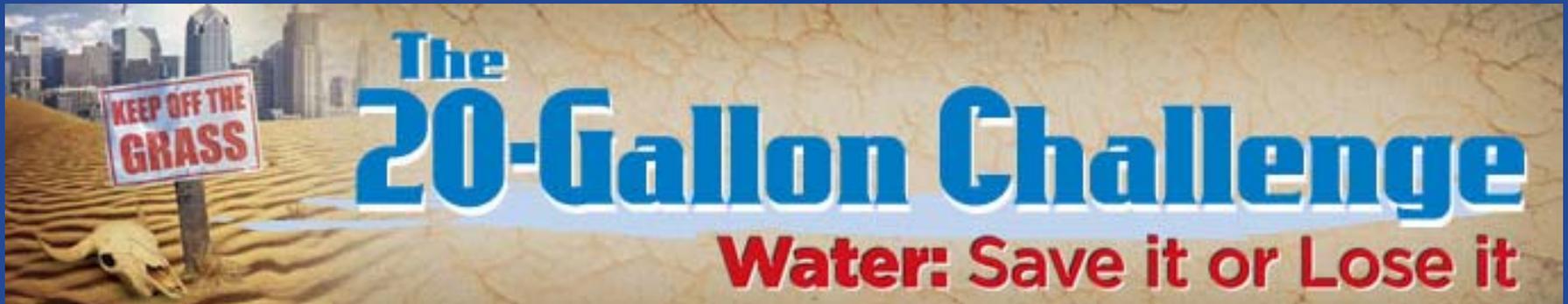


Native plant species



Non-native plant species

San Diego County Water Authority's 20-Gallon Challenge



Declaration of Drought



More cuts loom as drought declared

Colorado River may drop to 500-year low as world warms

Lake Mead could dry up by 2021

Fish rescue may mean drier times

Growers pass on farming to sell water

Dust Bowl Coming?

Fins win again
More smelt protected, less water extracted

Sierra snow comes up short

Salmon season curtailed

**WEST IS WARNED:
PREPARE FOR CRISIS
OF RISING WATER**

Scientists say global warming threatens Bay Area and state

City of San Diego's Comprehensive Water Conservation Efforts

Incentives to retrofit with conserving devices

Survey programs for residential and commercial properties

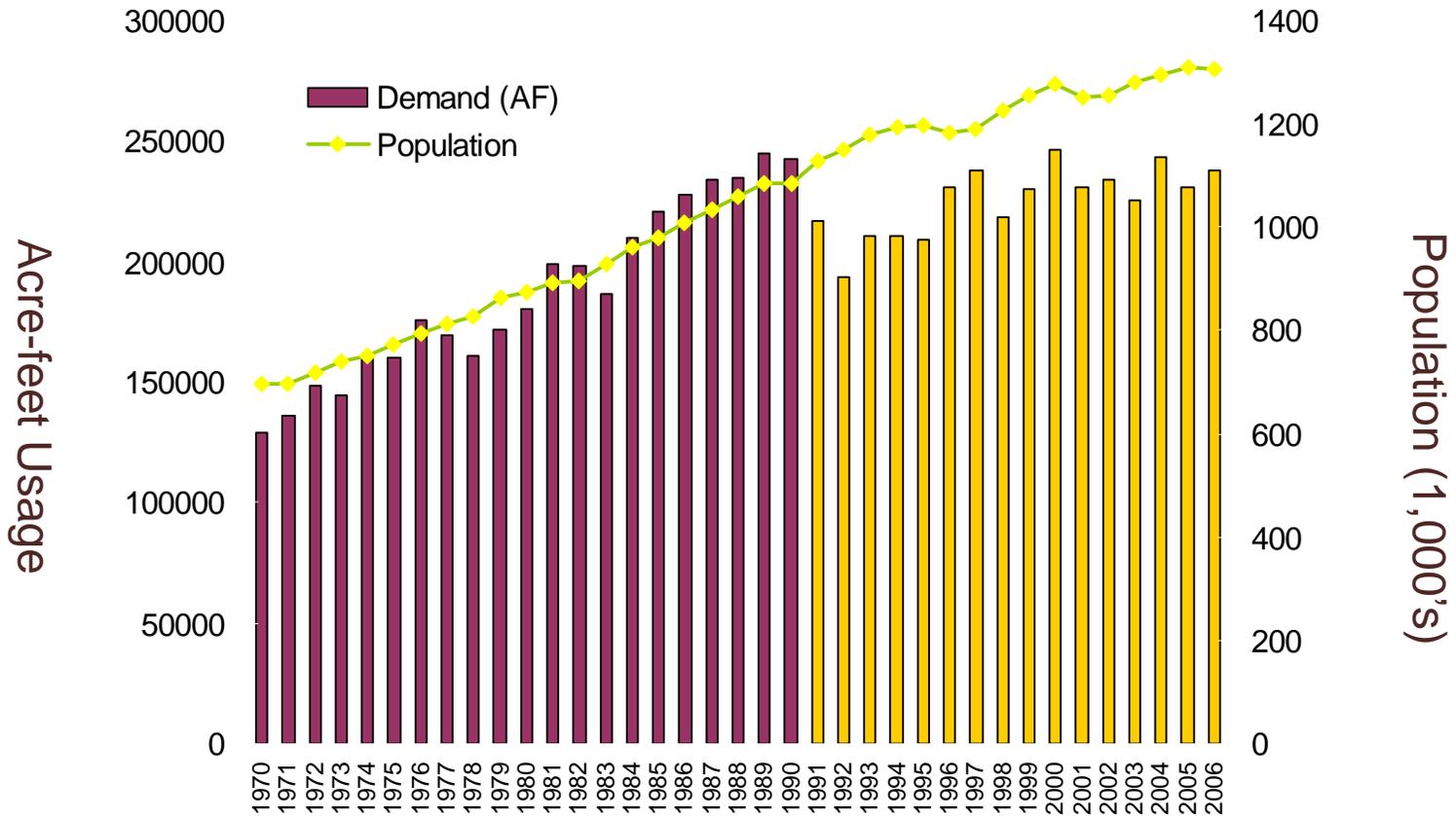
Part of daily life in San Diego

Currently saves over 28.8 million gallons per day (gpd)

Annually saves over 32,200 acre-feet of potable water



Citywide Water Consumption



Response to 20 Gallon Challenge

Citywide water consumption was down 2.5% compared to the average usage during the same months of the prior three years.

However, there were rainy months in Nov 2004 – June 2005.



Response to 20 Gallon Challenge

Current vs. Prior Year Consumption (Acre-feet)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Oct - July Total
2006 -07	21,372	17,538	16,667	15,618	13,841	14,128	16,918	17,215	21,371	21,308	175,976
2007 -08	20,197	17,270	15,519	13,026	11,864	12,069	16,236	18,847	20,191	20,778	165,997
									Percent Reduction		5.7%

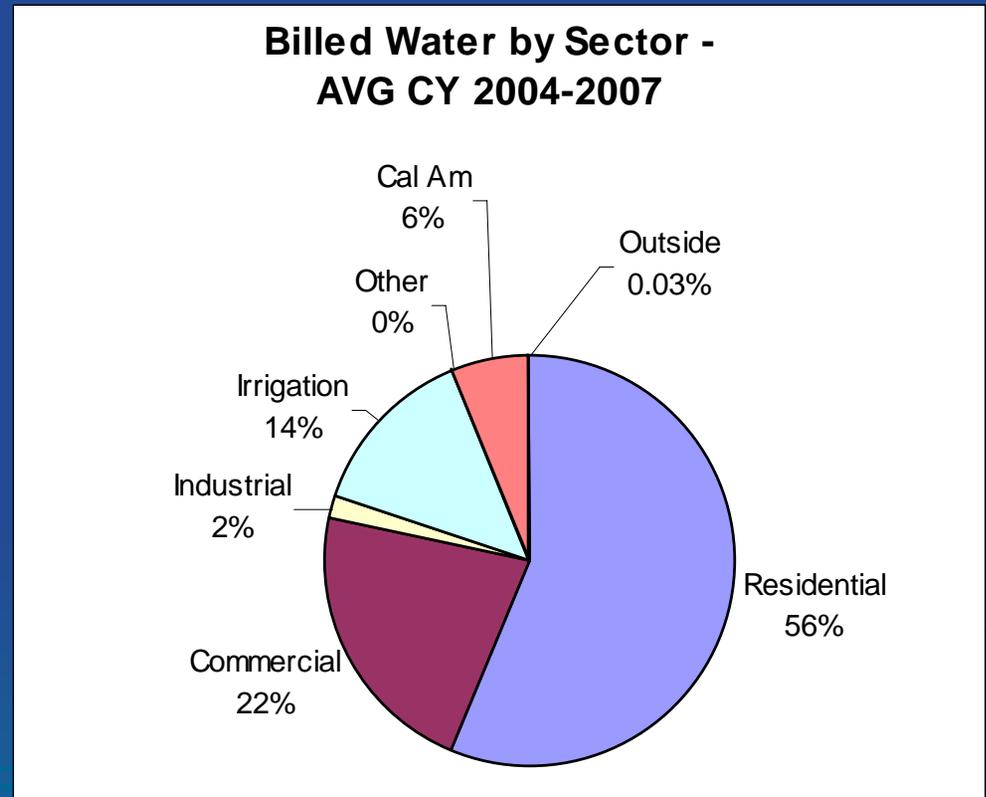
Response to 20 Gallon Challenge

October to July of Current vs. Prior Year Consumption (Acre-feet)

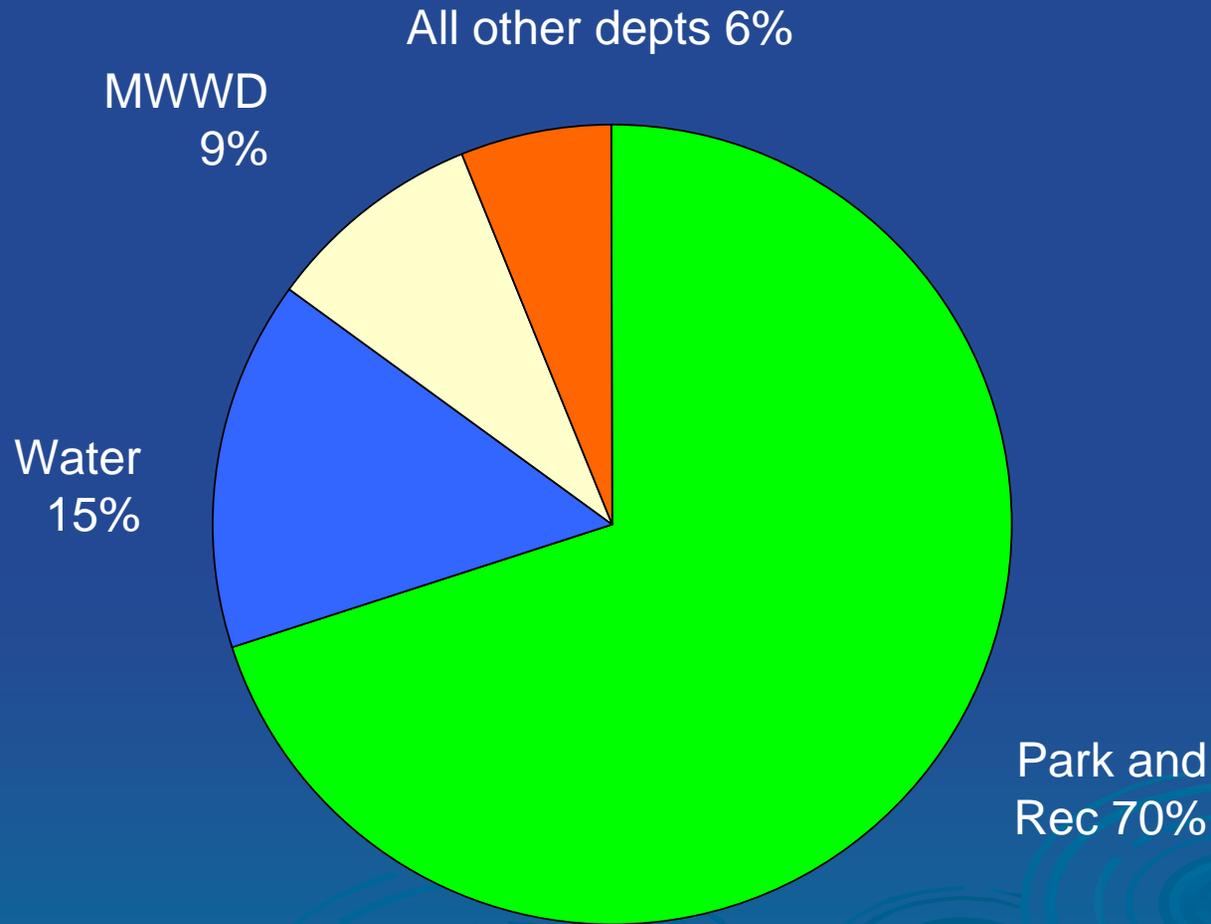
	2006-07	2007-08	% Change
Residential	99,899	94,650	-5.3%
CII	41,451	39,299	-5.2%
Irrigation	23,937	21,719	-9.3%

Billed Water Consumption by Sector

Largest water use sector is residential followed by commercial and irrigation-only customers.



Billed Water Consumption by City Department



All City Facilities



Oct 2007 to July 2008 consumption* = 2,620,882
Same months, prior year consumption* = 3,022,107

Percentage reduction = 13.3%

*Note: Consumption excludes metered water used during the water treatment process.

Park & Recreation



Oct 2007 to July 2008 hcf billed = 2,109,883

Same months, prior year = 2,391,417

Percentage reduction = 11.77%



Metro Waste Water Department

Oct 2007 to July 2008 hcf billed = 222,578
Same months, prior year = 300,776



Percentage reduction = 26.00%

Pt. Loma Waste Water Treatment Plant

Water Department

Oct 2007 to July 2008 hcf billed* = 81,911

Same months, prior year* = 109,433

Percentage reduction = 25.1%

*Note: Consumption excludes metered water used during the water treatment process.



Miramar Water Treatment Plant

Current Public Outreach - CWA



Current Public Outreach - MWD



bewaterwise.com

THE METROPOLITAN WATER DISTRICT of SOUTHERN CALIFORNIA and THE FAMILY of SOUTHERN CALIFORNIA WATER AGENCIES

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Current Public Outreach – City Staff



Current Public Outreach – City Staff



La Prensa San Diego

27 YEARS
of Publication
1976-2003

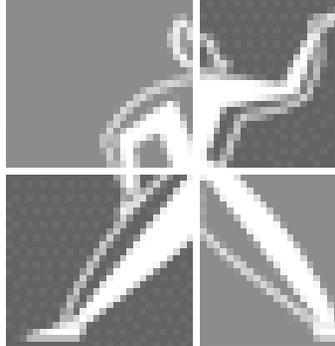


CLAIREMONT.com

SAN DIEGO, CA

SANDIEGOSOURCE

The Daily Transcript



SAN DIEGO BUSINESS JOURNAL

Water Conservation Garden Cuyamaca College



Designed to teach how to
use Xeriscape landscaping

Demonstration Gardens

Increase in attendance

Garden contest participants
from the City of San Diego

Current Public Outreach – City Staff

Report Water Waste
Call
(619) 515-3500



THE CITY OF SAN DIEGO

Home Contact the City

Business City Hall Community Departments Information Leisure Services A-Z Visiting

Water Department

WATER DEPARTMENT HOME GENERAL INFORMATION CITY LAKES AND RECREATION WATER & SEWER BILL/RATES WATER CONSERVATION RECYCLED WATER WATER QUALITY INFRASTRUCTURE/CAPITAL IMPROVEMENTS

Water Department



EMERGENCY HOTLINE

To report a water leak, meter leak or pressure problem call:
(619) 515-3525
[More important phone numbers](#)

CUSTOMER SERVICE

For billing questions or to start or end service call (619) 515-3500. Hours are Monday-Friday, 7:30 a.m. to 5 p.m.

General Information

City Lakes and Recreation

Water & Sewer Bill/Rates

Water Conservation

Recycled Water

Water Quality

Infrastructure/Capital Improvements

Water Supply

HOT TOPIC

- **Multi-family customers** are now able to pay their bills electronically using i-Pay. Just grab a copy of your water/sewer bill and click on the i-Pay icon on the right-hand side of this page. It's fast, easy and free!
- [Bi-Monthly Billing information](#)

LATEST NEWS

- [City Water Department Warns Residents about Imposters and Potential Fraud](#)
- [Boaters Asked to Help Stop the Spread of Quagga Mussels](#)

IMPORTANT INFORMATION

- [Conserve Water by Taking the 20-Gallon Challenge](#)
- [Water Fluoridation Information](#)
- [Independent Rates Oversight Committee](#)

Water Conservation & Kids' Corner

Pay Your Water & Sewer Bill On-Line



What's New at City Reservoirs

Press Releases & Bill Inserts



Water Operations



Water Reuse Study



[Water Dept. Home] [General Information] [City Lakes and Recreation] [Water & Sewer Bill/Rates] [Top of Page]
[Water Conservation] [Recycled Water] [Water Quality] [Infrastructure/Capital Improvements]

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Thank You

www.sandiego.gov/water

(619) 515-3500