

IMAGINE AUSTIN SPEAKER SERIES

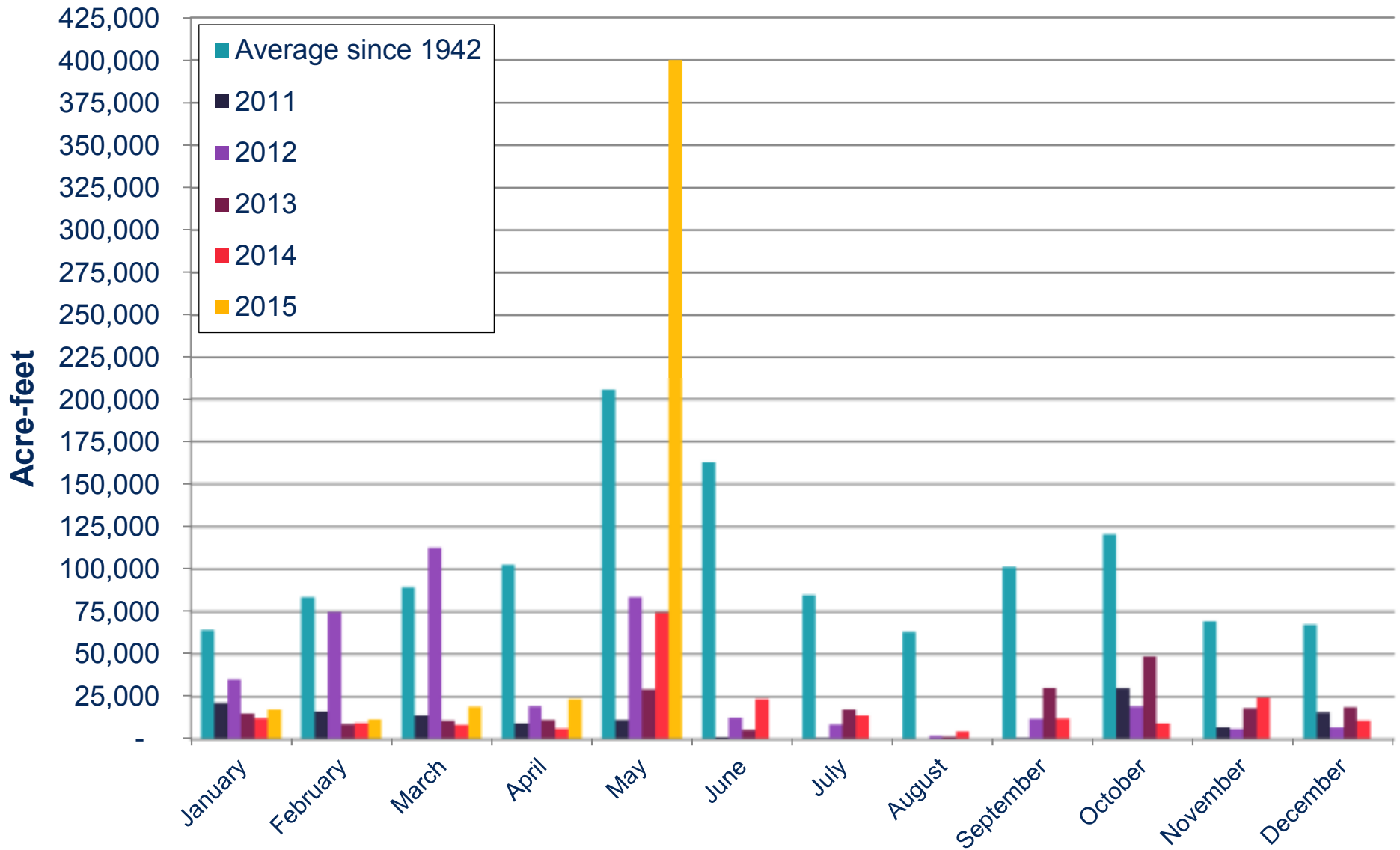
John B. Hofmann

Wednesday, June 24, 2015

Texas' Colorado River



Water Flowing Into the Highland Lakes



Lakes Travis and Buchanan Combined Storage

- About 1,400,000 acre-feet
- 70 percent of capacity
- In May:
 - Combined storage increased by about 537,000 acre-feet
- Since Jan. 1:
 - Combined storage has risen about 710,000 acre-feet

Lowest June 1 Combined Storage Lakes Buchanan and Travis

Year	Combined Storage
2014	786,082
2013	790,590
1952	874,443
1951	931,839
1964	941,782
1948	970,849
2012	1,028,446
1963	1,183,177
2009	1,207,836
2011	1,280,389
2015	1,304,400

Combined Storage in Lakes Buchanan and Travis Since Jan. 1, 2008

Acre-Feet

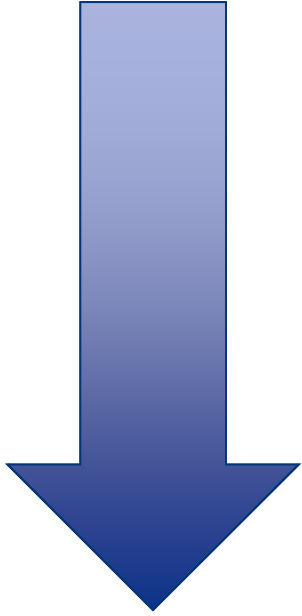


A New Critical Period

- Preliminary analysis indicates new hydrologic critical period has begun, reducing water inventory/firm yield
- Revised inventory estimate reduces amount of water for sale
- LCRA can fulfill its commitments

Austin's Water Use

Year	Austin's use of water from Highland Lakes and Colorado River*
2011	168,334
2012	151,495
2013	142,027
2014	137,444



*Municipal and park use in acre-feet

Preserving and Expanding Water Supplies

- Cut off Highland Lakes water to most interruptible customers four years in a row
- Drilled groundwater wells in Bastrop
 - Lost Pines Power Park
- Purchased groundwater rights
 - Griffith League Scout Ranch
- Building a new downstream reservoir
- Developing integrated water strategies

Looking Forward to Our Discussion

Imagine Austin

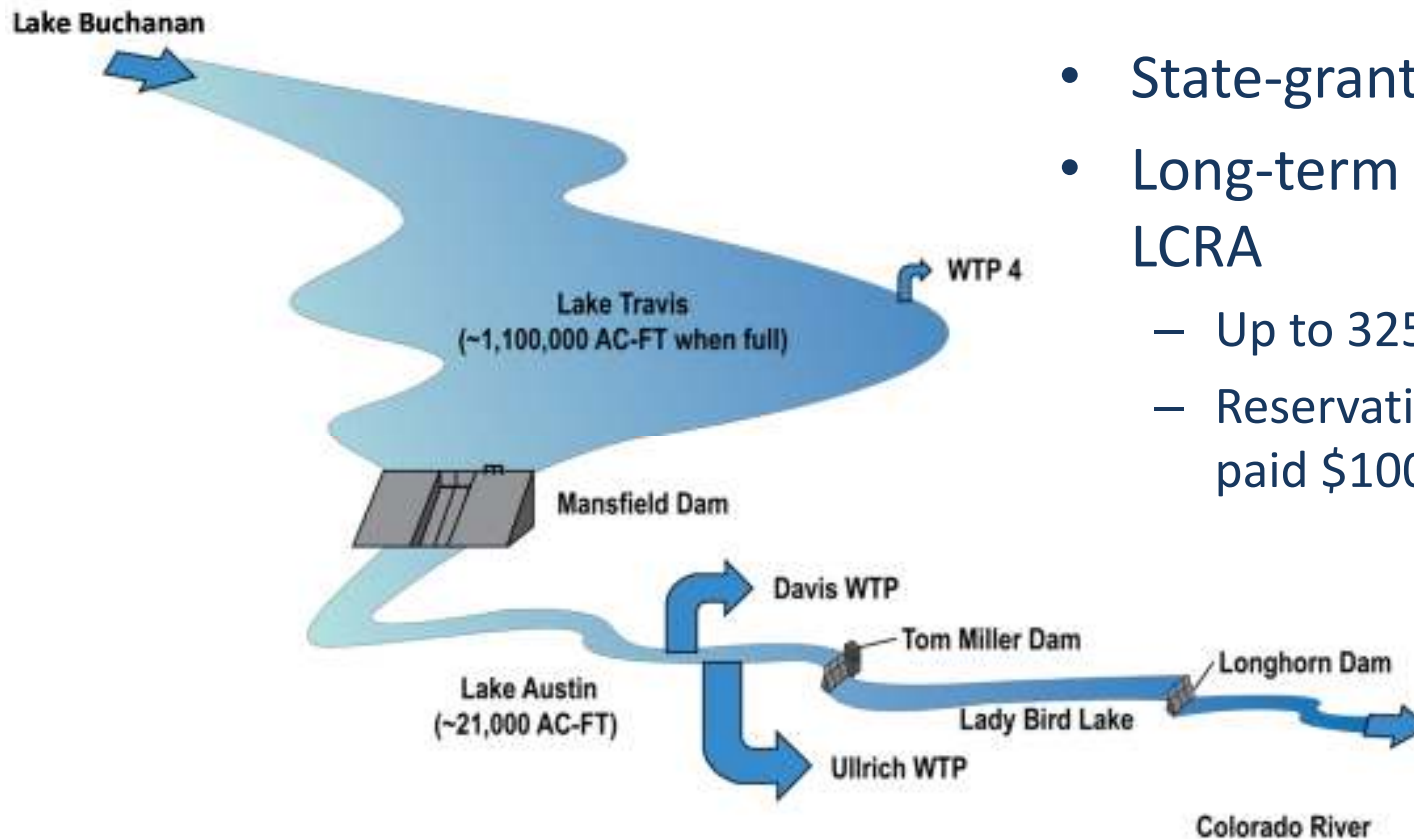
Turning Panic and Apathy
Into Proactive and
Sustainable Solutions

*Breaking the Traditional Cycle
of Water Planning
in Our Region*



Greg Meszaros, Director, Austin Water
June 24, 2015

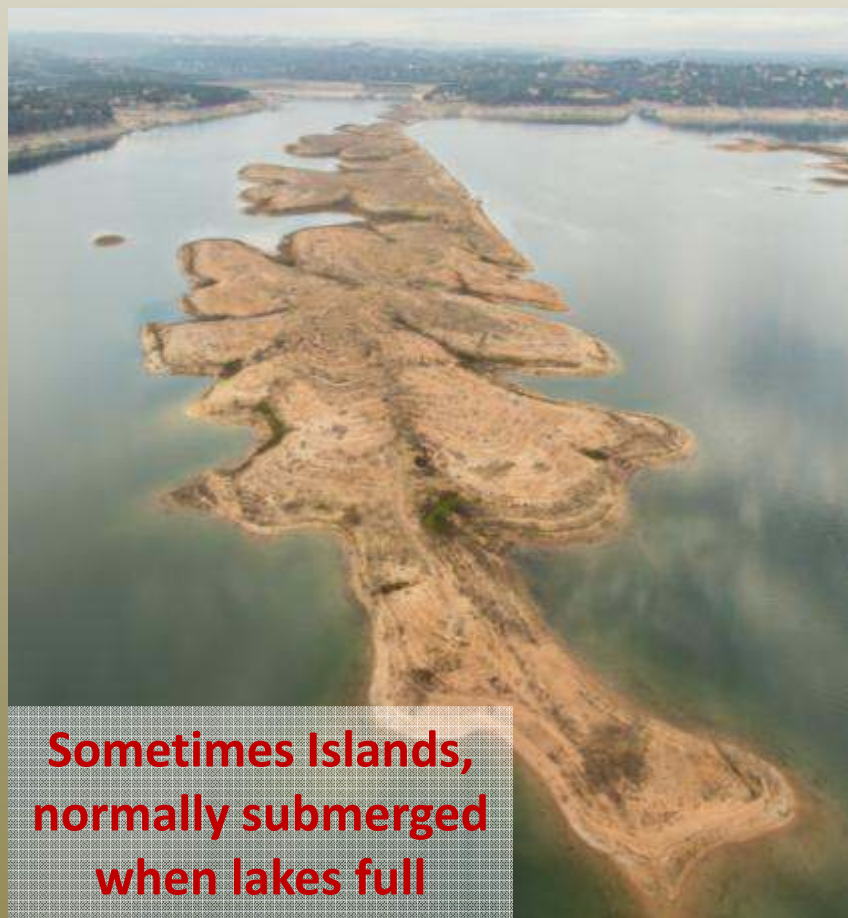
Austin's Water Supply: The Colorado River



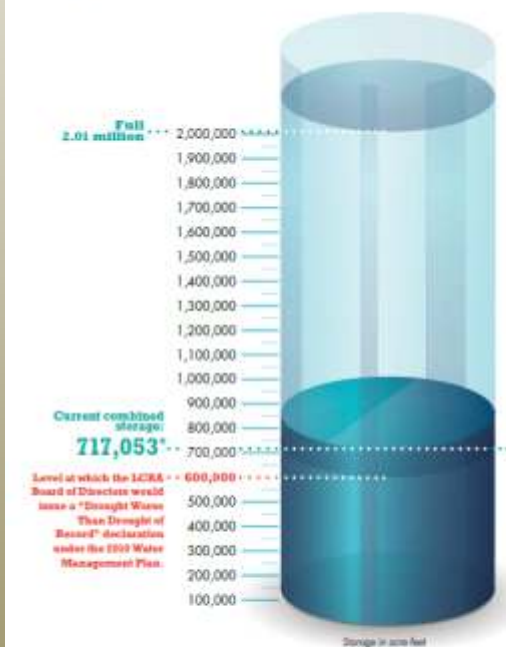
- State-granted water rights
- Long-term contract with LCRA
 - Up to 325,000 acre-feet/year
 - Reservation & use fees pre-paid \$100M in 1999

February 2015, Before the Rains

LCRA: The **most severe drought** the region has experienced since construction of the lakes began in the 1930s.



HOW FULL ARE LAKES TRAVIS AND BUCHANAN?



36%
*as of
March 1,
2015

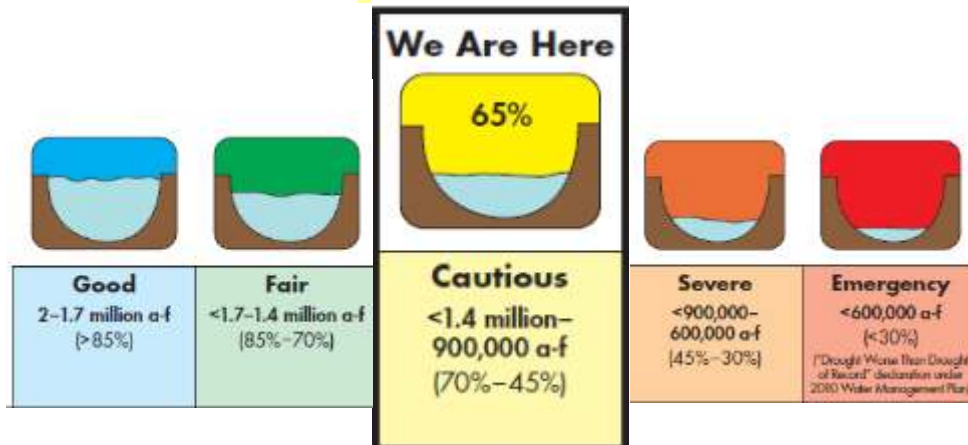
Without additional rain in the Highland Lakes watershed, there is a small chance – less than 1 percent – the combined storage of lakes Buchanan and Travis could fall to 600,000 acre-feet in the June-July 2015 time frame.

*as of March 1, 2015

LCRA
ENERGY • WATER • COMMUNITY SERVICES

After the Rains

On 06-01-15

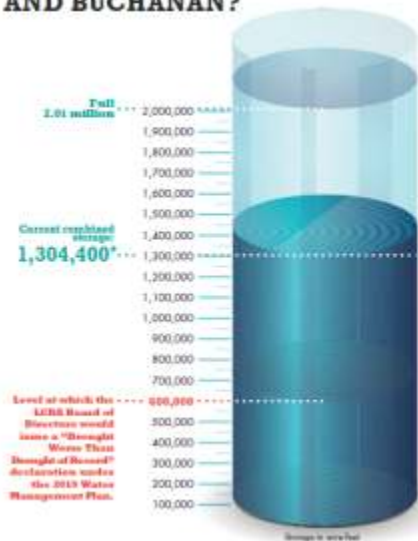


Today, or
06-23-15

Storage Levels

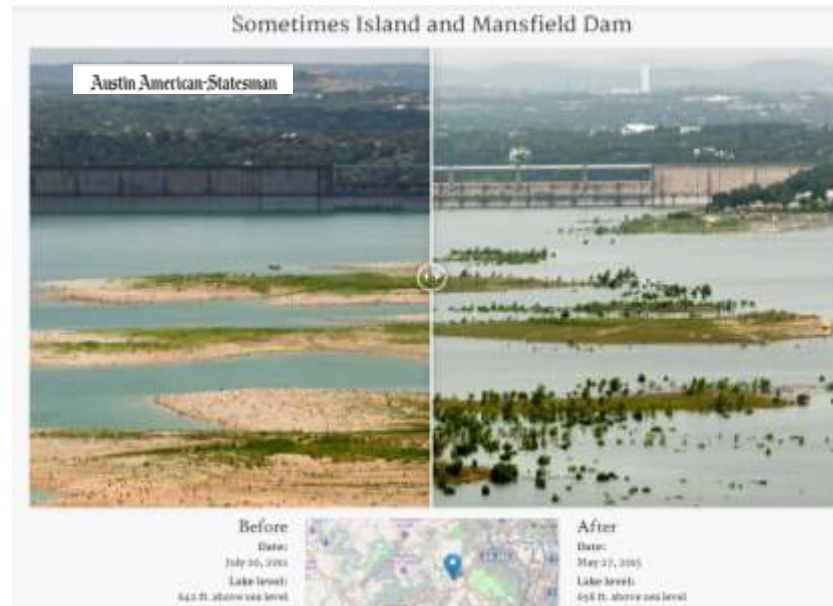
Buchanan	52%
Travis	84%
Total	69%

HOW FULL ARE LAKES TRAVIS AND BUCHANAN?



65%
On 06-01-15

Sometimes Island and Mansfield Dam



***What is Austin Water doing
to respond to the drought
and prepare for the future?***

Ramping up Conservation

Education



Incentives & Rebates



Reclaimed Water

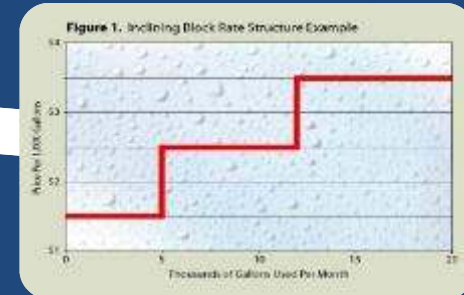


Regulation

RESIDENTIAL	COMMERCIAL	PUBLIC SCHOOLS
Hose-End Sprinklers BEFORE 5 AM or AFTER 7 PM	Hose-End Sprinklers BEFORE 5 AM or AFTER 7 PM	Hose-End Sprinklers BEFORE 5 AM or AFTER 7 PM
Automatic Irrigation BEFORE 5 AM or AFTER 7 PM	Automatic Irrigation BEFORE 5 AM or AFTER 7 PM	Automatic Irrigation BEFORE 5 AM or AFTER 7 PM
Even Address Sunday	Even Address Thursday	Even Address Tuesday
Odd Address Saturday	Odd Address Wednesday	Odd Address Friday
		Monday

STAGE 2 WATER RESTRICTIONS
WATERING ONE DAY PER WEEK

Conservation Pricing



Multi-Pronged Approach
Focused on Biggest Savings First

Strengthening Regional Water Planning & Management

- TCEQ Emergency Orders
- LCRA Water Management Plan

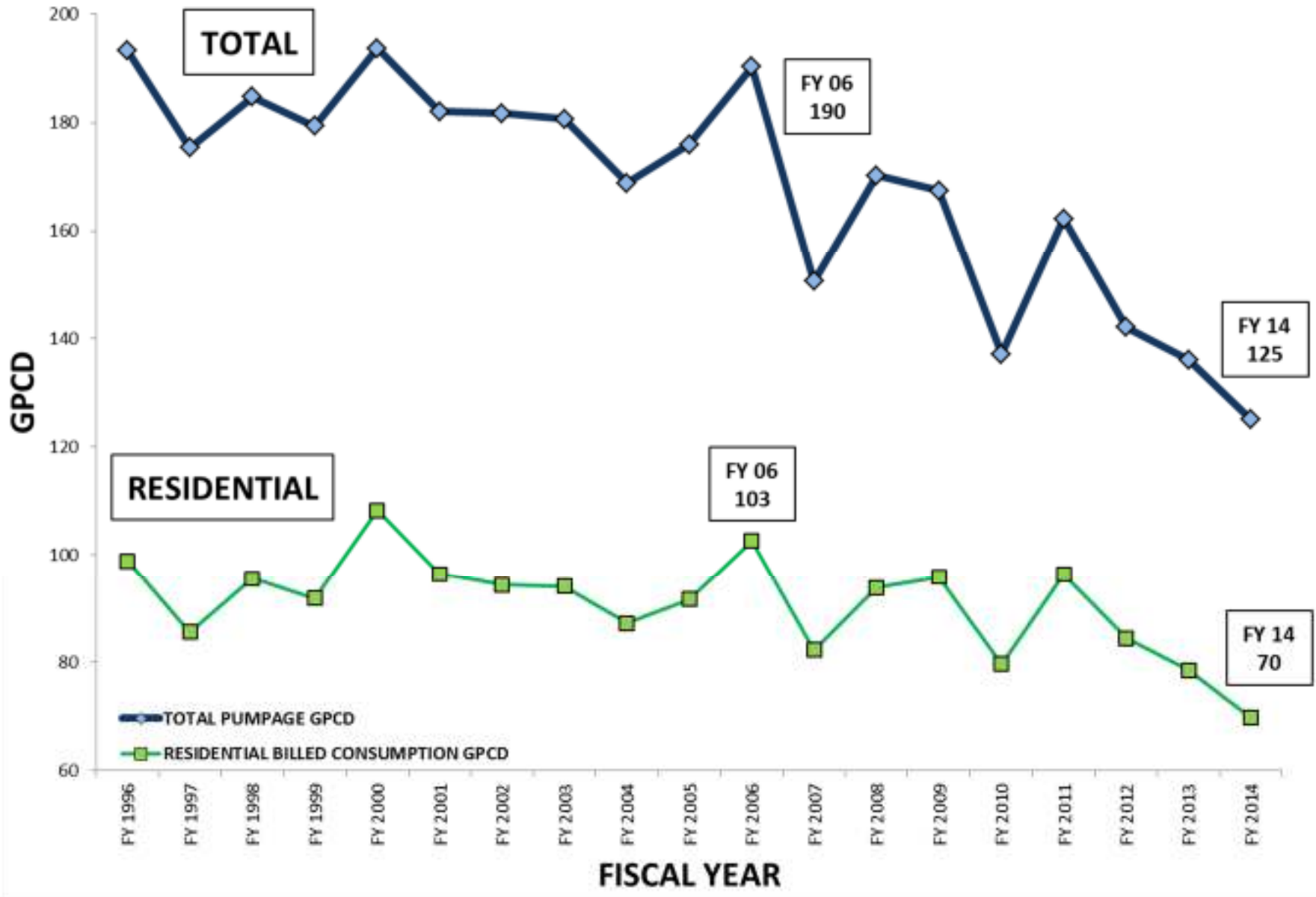


Planning Ahead

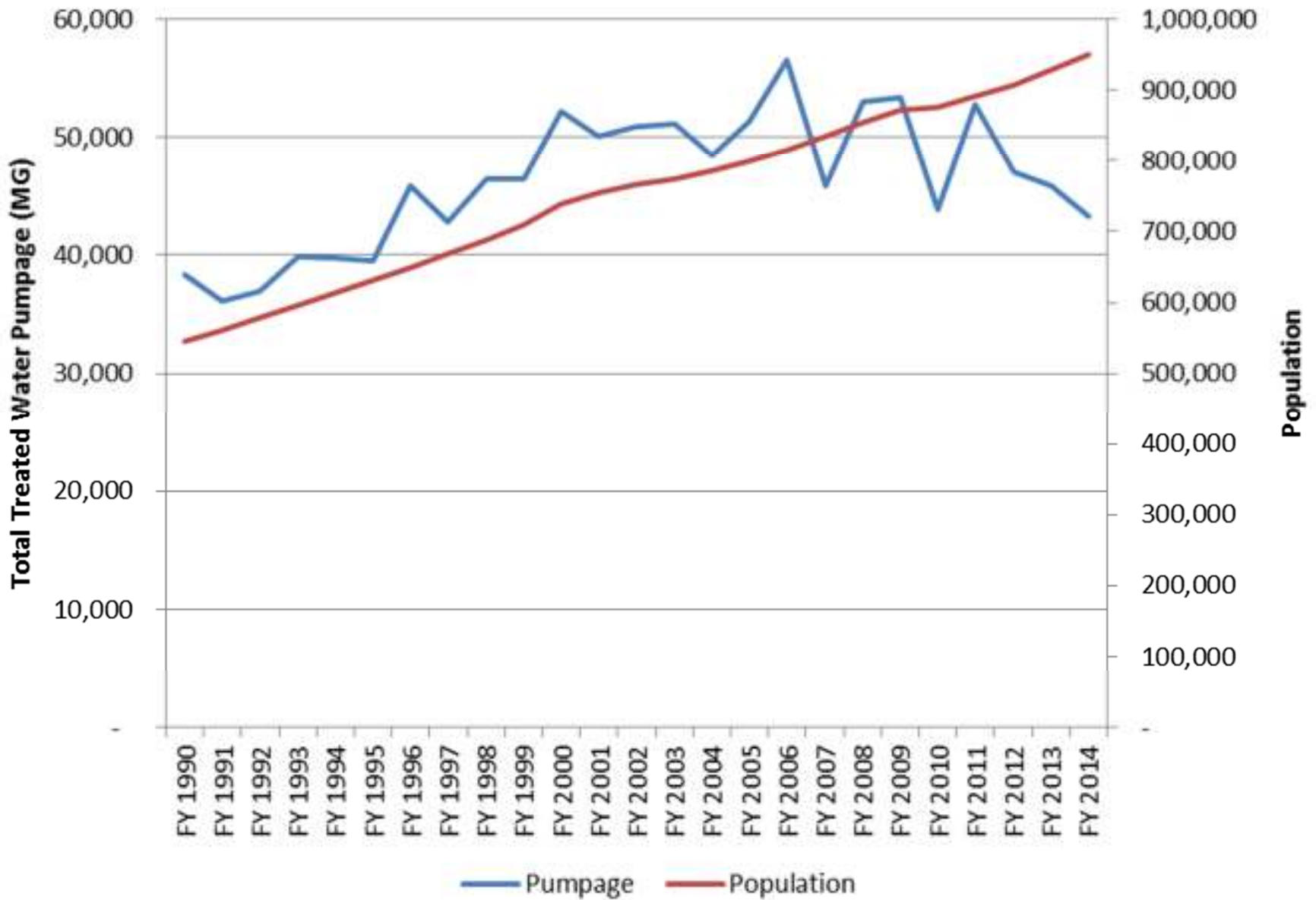
- Water Supply Augmentation
- Integrated Water Resource Planning



WATER USE - GALLONS PER CAPITA PER DAY (GPCD)



Austin's Water Demand and Population



Your guide to
*Understanding
the Drought* at
www.austinwater.org

And, **THANK YOU**
for doing your part to
SAVE WATER!

