

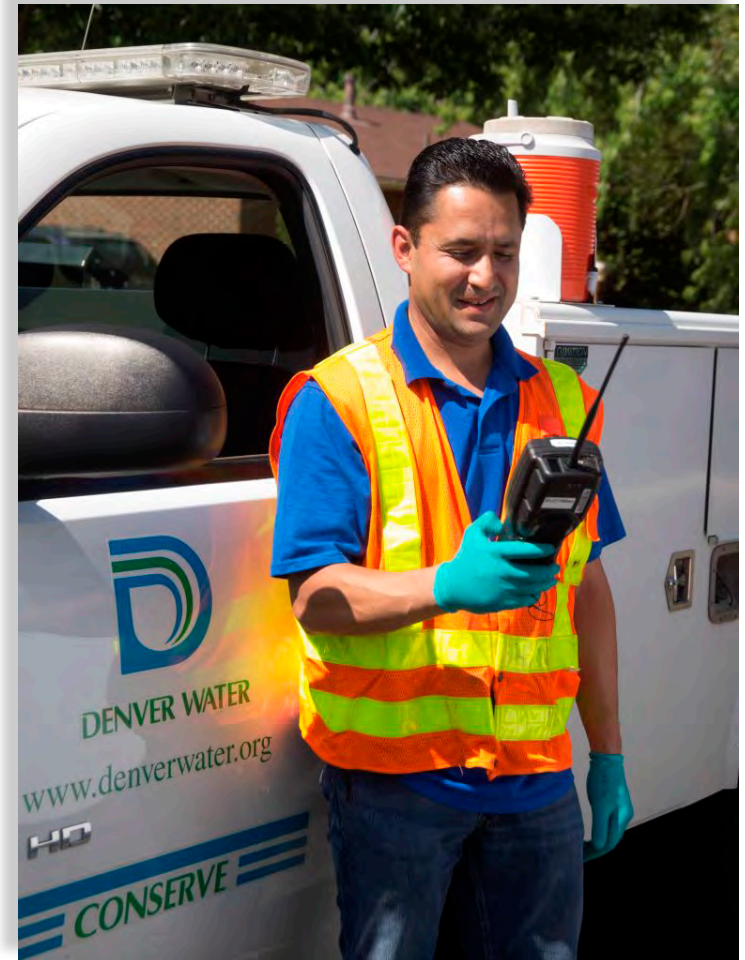
# DENVER WATER OVERVIEW



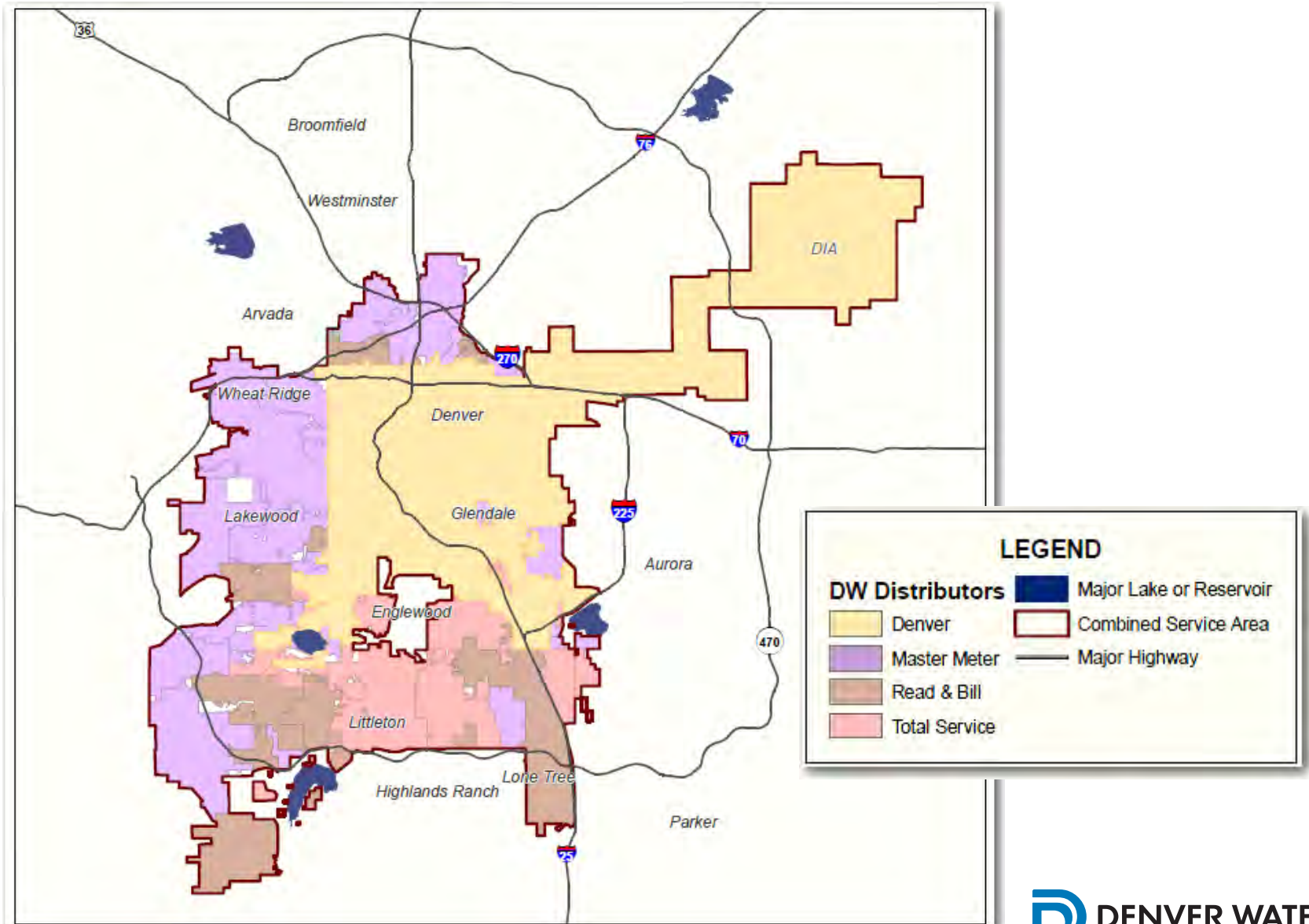
*Conifer Rotary Club, July 5, 2016*  
*Brian Good, Chief Administrative Officer*

# Denver Water facts

- Established in 1918
- Governed by Board of Water Commissioners  
(not the City and County of Denver)
- Serve 1.4 million people  
(25% of state's population)  
using 2% of water in state
- Total watershed area:  
4,000 square miles  
(State's third largest public landowner)



# Where we serve water





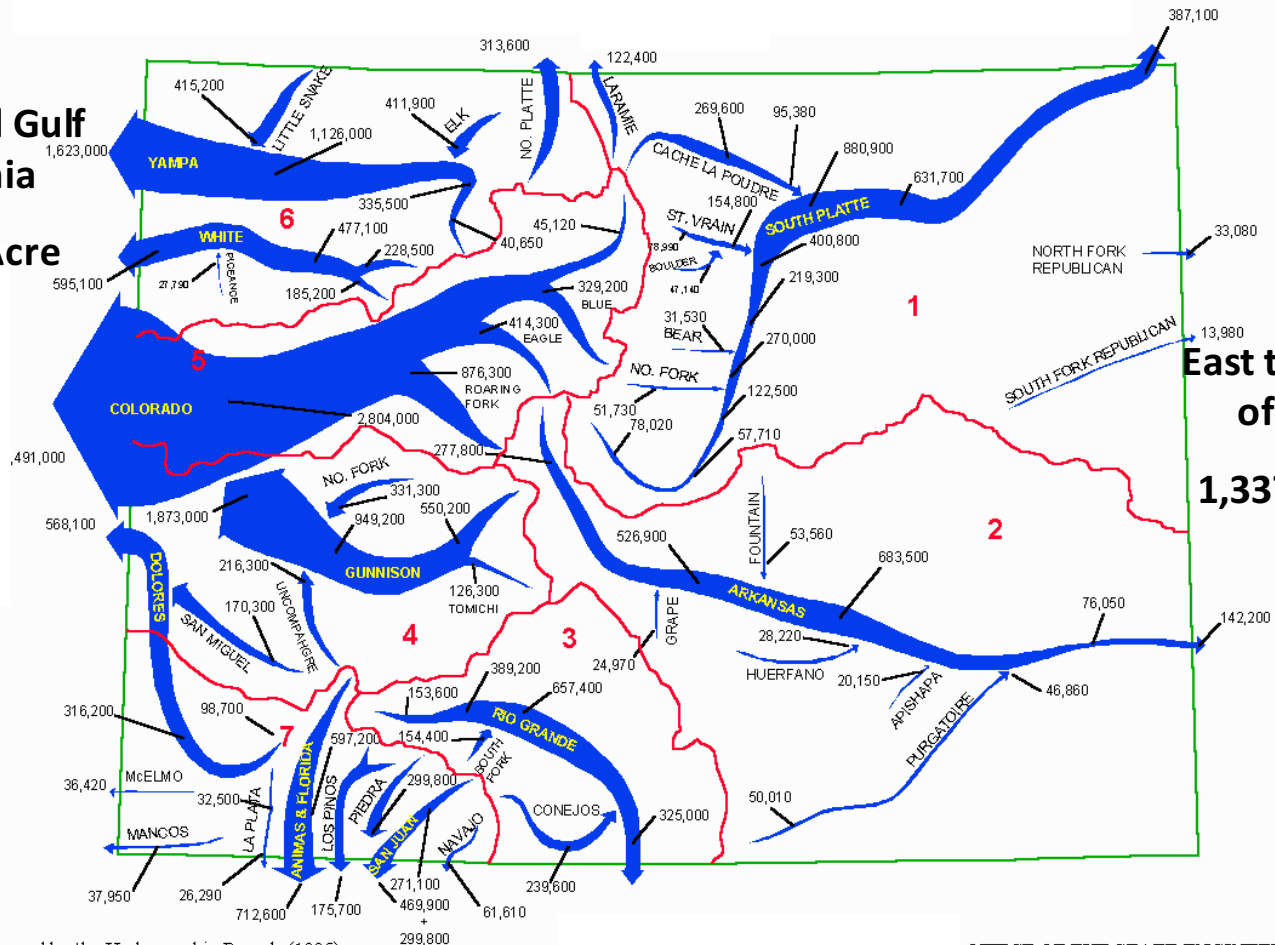
# Where is the water in Colorado?

West toward Gulf  
of California

9,097,000 Acre  
Feet

East toward Gulf  
of Mexico

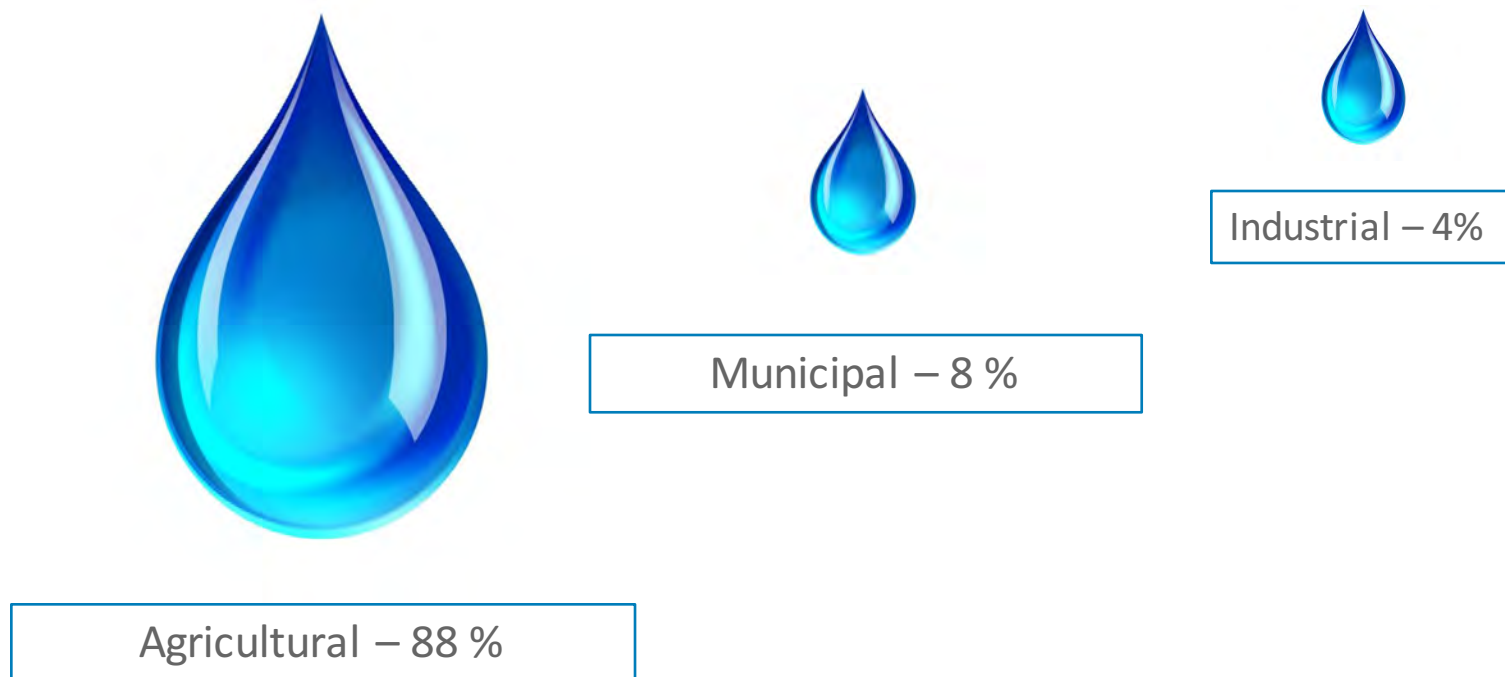
1,337,000 Acre  
Feet



Prepared by the Hydrographic Branch (1995)  
Historic averages obtained from USGS Water-Data Report CO-93

OFFICE OF THE STATE ENGINEER  
COLORADO DIVISION OF WATER RESOURCES

# Water in Colorado



Source: Colorado Water Plan

# About Denver Water Collection

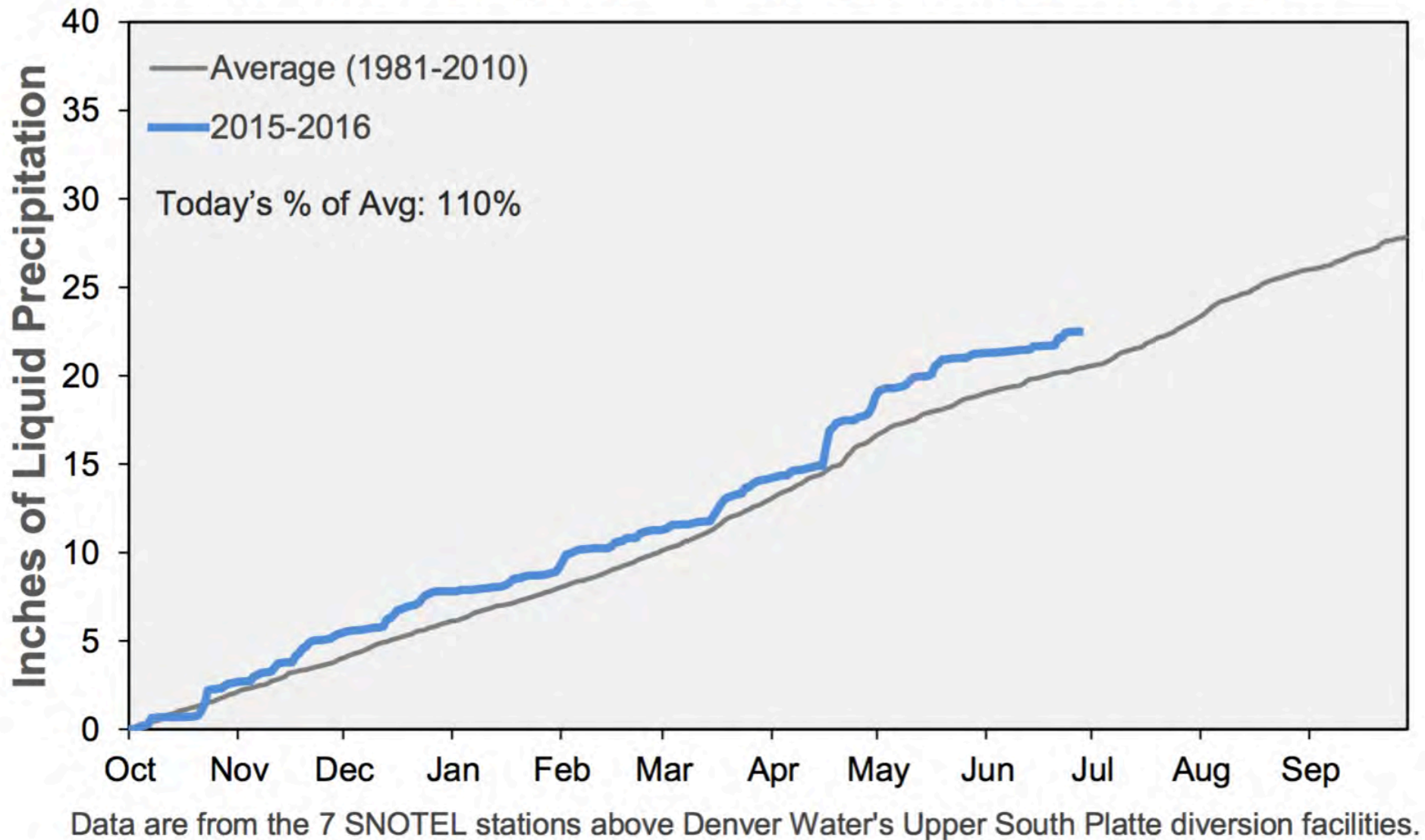


3 key words:

- Collection
- Treatment
- Distribution

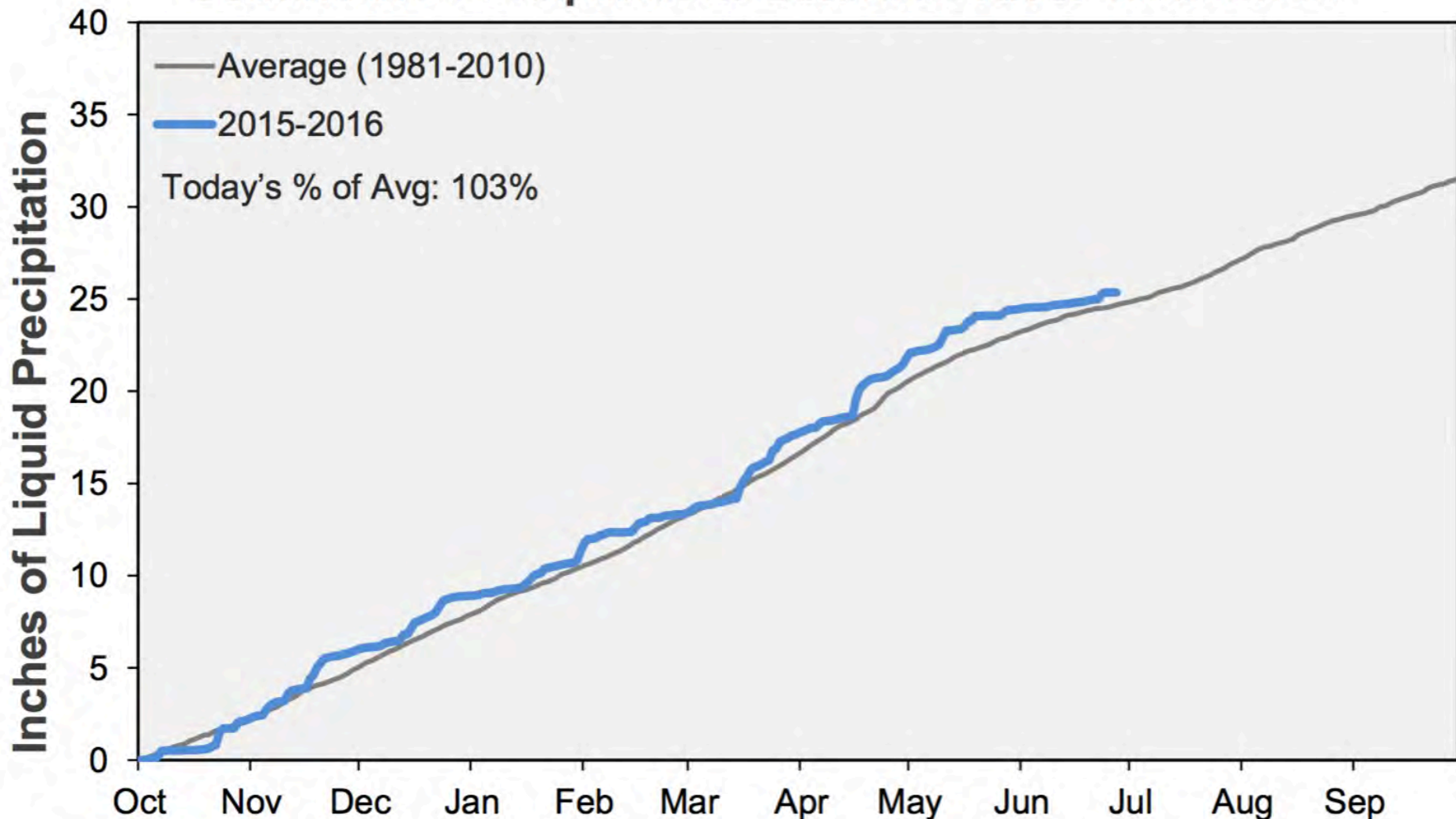
◆ Treatment plants

## Cumulative Precipitation: South Platte River Watershed





## Cumulative Precipitation: Colorado River Watershed



Data are from the 7 SNOTEL stations above Denver Water's Upper Colorado diversion facilities.



# Issues facing Denver Water supply



Strentia Springs Reservoir

- Climate change
- Growth
- Colorado River

# Climate Change



Climate change means water change

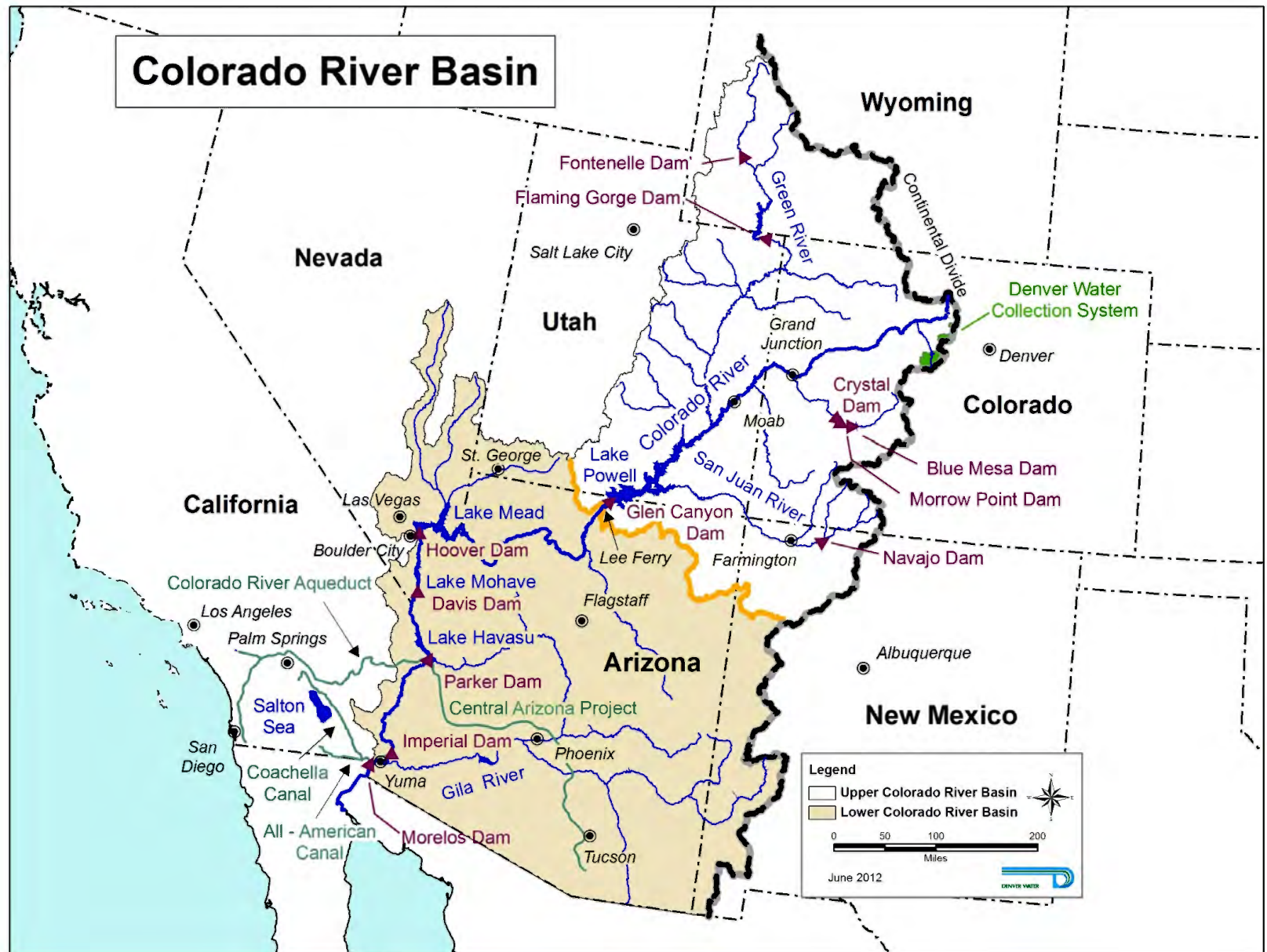


# Growth



Infrastructure must be included in future growth planning





# The Colorado River



“Bathtub ring” at Lake Powell

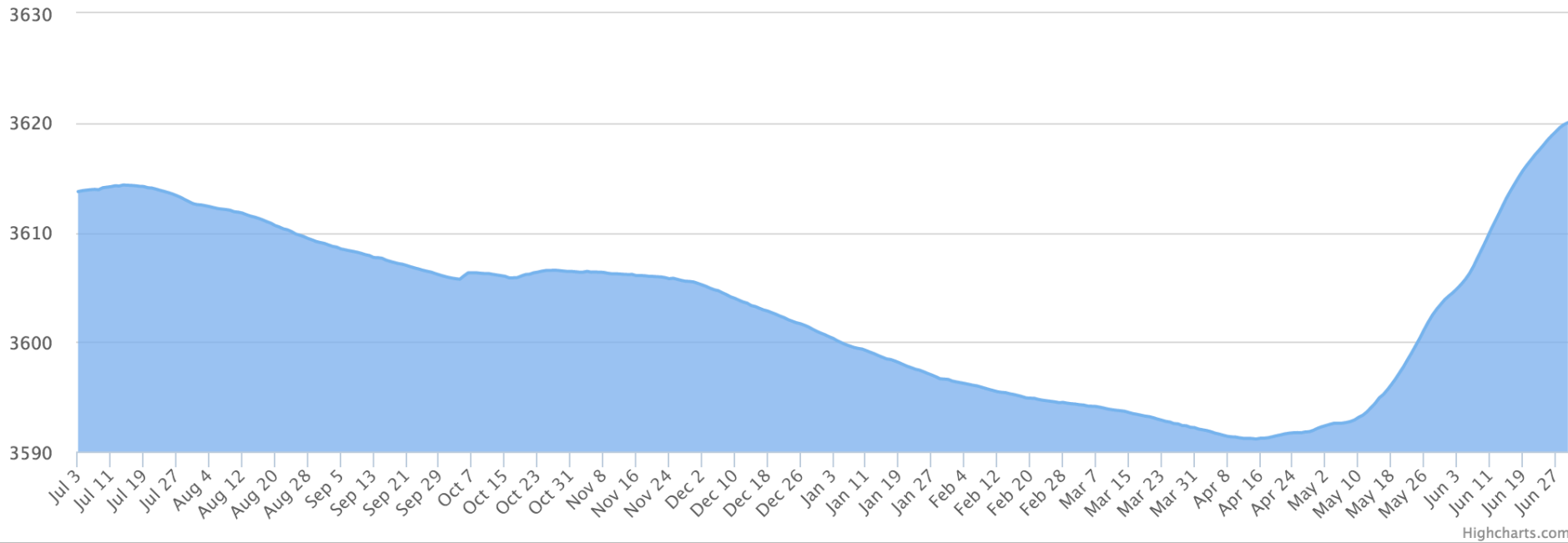
*No one* is more invested in the future of the river than Denver Water.

- Water supply
- Drought on the river
- Hydropower and environmental issues

# Lake Powell

Lake Powell Water Level (past 12 months)

Elevation in Feet MSL, Flows in CFS, Temps in degrees F



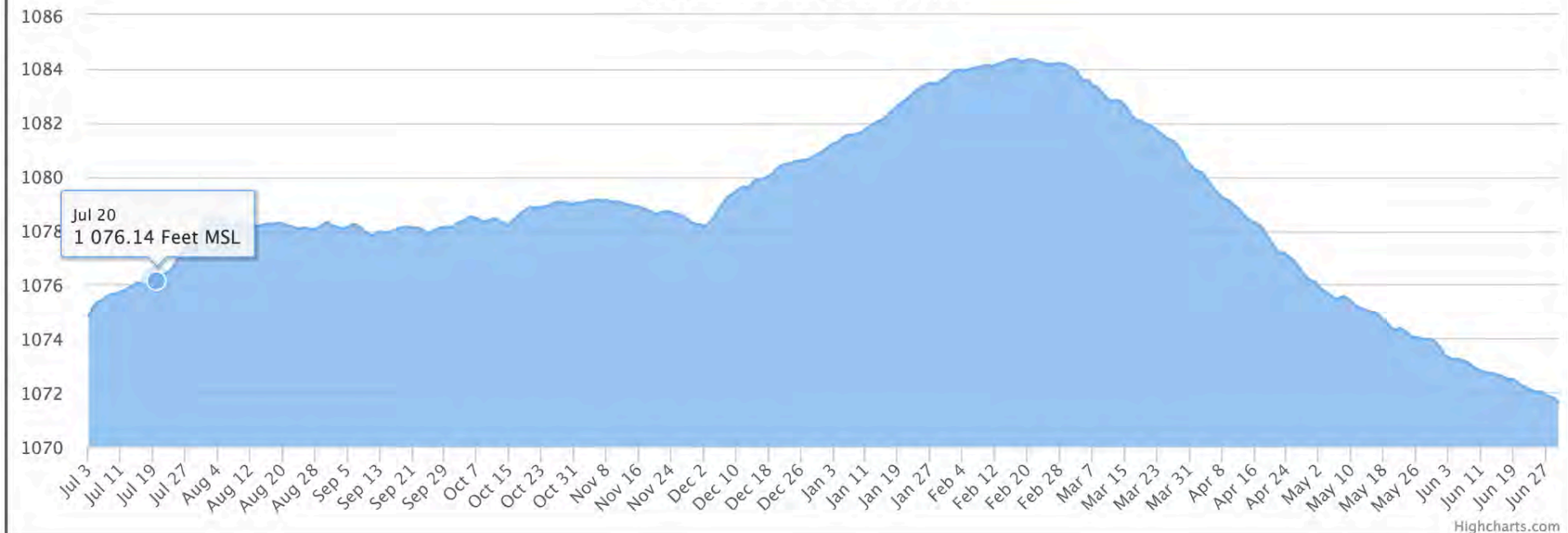
Highcharts.com



# Lake Mead

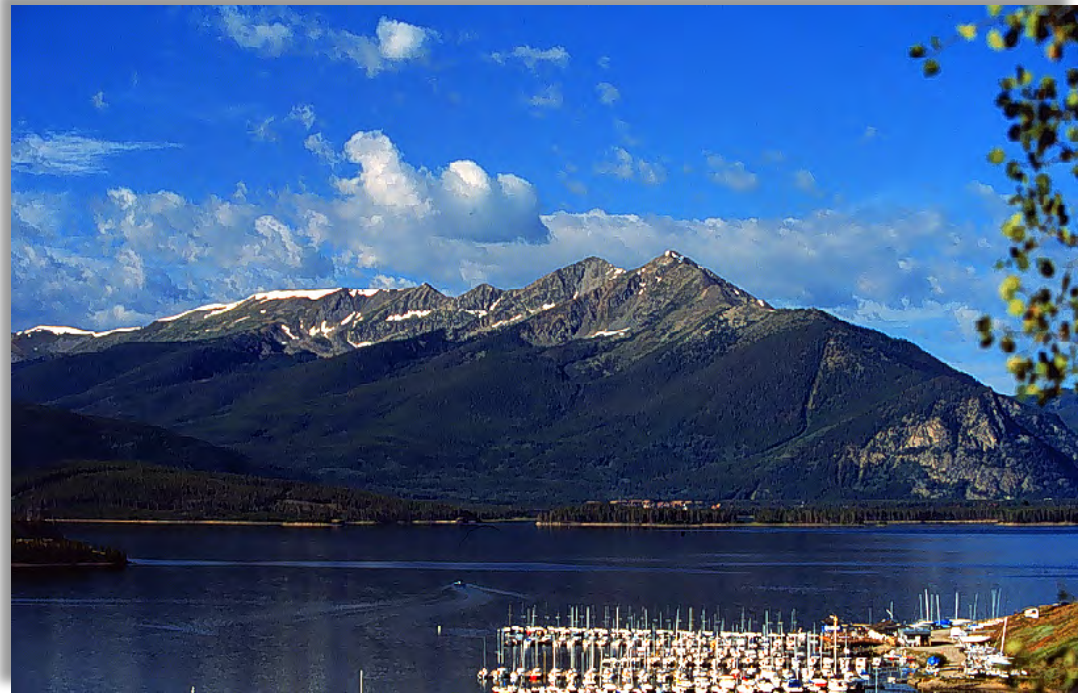
## Lake Mead Daily Water Levels

Past 12 months, feet above sea level



# “All of the above” strategy

- Conservation
- Water reuse
- New supply



Dillon Reservoir

# Conservation:

- Denver Water has been a leader in conservation
- Customers reduced water use more than 20% in 10 years despite 10 % population increase
- Current efforts focus on education and outreach
- Evolving from conservation to water efficiency





# Water reuse:

- The right water for the right use
- Recycled water program reduces demand on potable water
- One Water concept



Recycling Plant

# New supply



Gross Reservoir

- Maintain options
- Mitigate environmental risk
- Streamline regulatory process

# Collaboration



2014 CRCA Event in Summit County

- The Colorado River Cooperative Agreement (CRCA)
- WISE
- Forests to Faucets
- Colorado River System Conservation Program



# Questions?