



CONSERVATION:

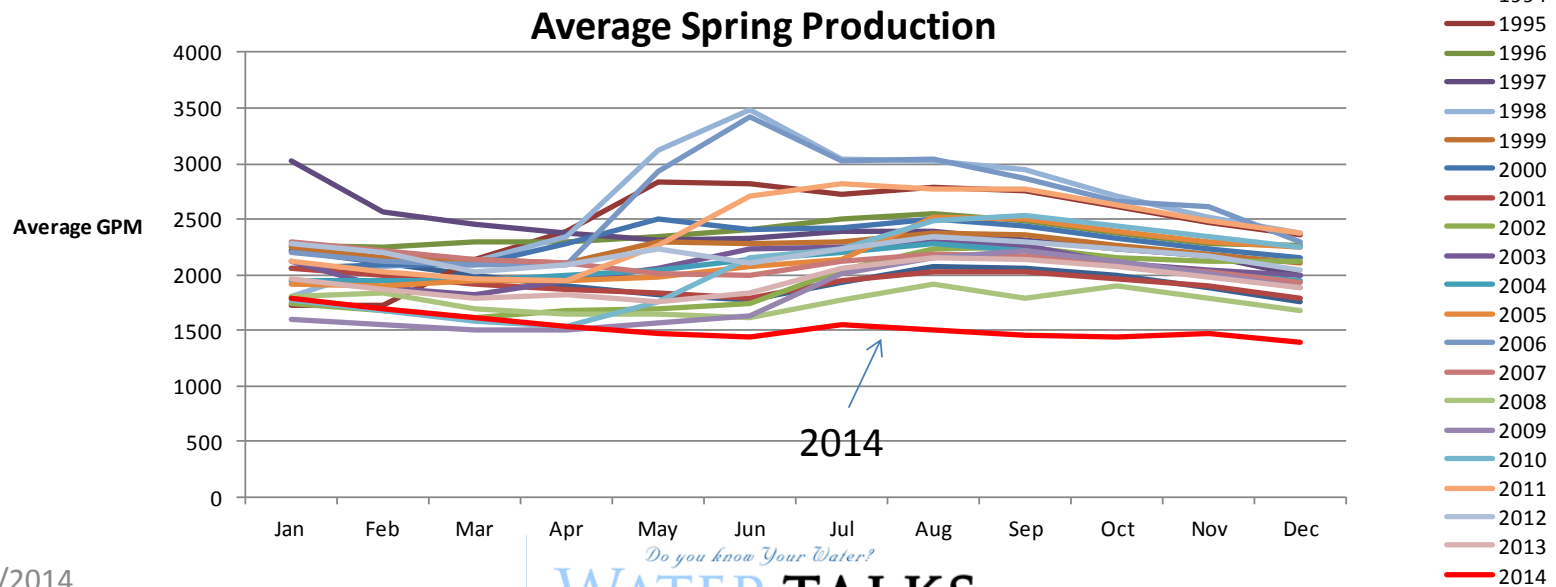
Preparing Mt Shasta for Drought

Topics of Discussion

- The Drought's Impact on the City of Mt Shasta
- 2015 Drought Projects
 - Funding
 - Description of Projects

Mt Shasta & The Drought

- Currently in the fourth year of drought
- Cold Springs is City's primary water source
 - Spring output varies between 1,450 & 3,000+ GPM
 - In 2014, the spring reached a 20-year low



2015 Drought Projects

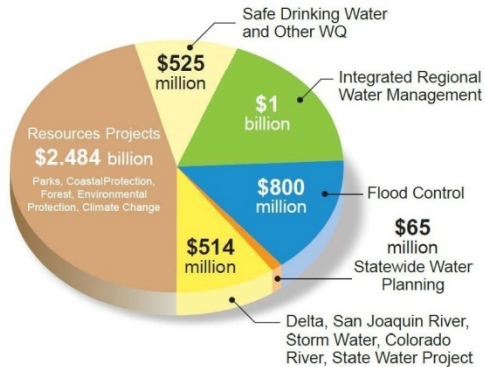
- Received a \$4.3 million grant
 - Water meters: \$2.6 million
 - Supply Line: \$1.7 million
 - Education:
 - Water Talks Water Conservation Workshops
 - Mailer, “Get to Know Your Water Supply”

**All projects
to be completed
by November 2015**

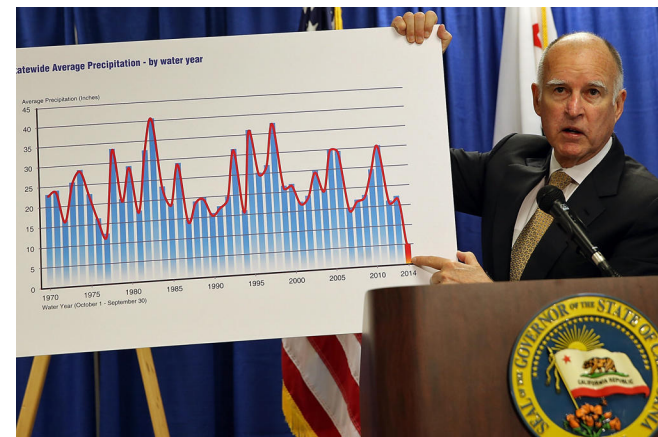
Source of Funding

Funds are a result of...

- Proposition 84
- Inter-Regional Water Management Group (IRWM)
- Governor's 2014 Drought Proclamation
- DWR's 2014 IRWM Grant Solicitation



Proposition 84 Bond Fund Distribution
Source: www.bondaccountability.resources.ca.gov/p84.aspx



10/16/2014

Project #1: Supply Line

- Current Status:
 - 80 year old supply line transports water
- Impact of Current System:
 - Risk of catastrophic failure
 - Prevalent water leaks in current system
 - Difficult to access during winter months
- Project Benefits:
 - Replaces worn out infrastructure
 - Allows more efficient use of Tank 4
 - Provides more efficient use of spring supply
 - Places pipeline in an accessible alignment
 - Eliminates leaks in old supply pipeline

Project #2: Water Meters



- Current Status:
 - Mt Shasta currently use 3.5 and 2.9 times more water per person than Dunsmuir and Weed, respectively
- Impact of Current Usage Rate:
 - During summer months, usage exceeds production
 - Current summer usage limits fire suppression capabilities
- Project Benefits:
 - Enables City to engage residents about usage & conservation
 - Maybe able to delay other infrastructure projects
 - Meets state mandated initiative to install meters by 2025
 - Water meters lead to 20%-30% reduction in consumption
 - Provide for more equitable distribution of charges



Comments & Questions

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