



OUR WATER YEAR IN REVIEW:

The benefits of a flexible water system and smart water management

Water in Lake Tahoe and Boca Reservoir is used to maintain flows in the Truckee River and is the primary source of supply for TMWA customers. TMWA also owns the storage capacity in Donner and Independence Lakes.

TMWA OWNED RESERVOIR CAPACITY:

Donner

9,500 acre ft.

Independence

17,500 acre ft.

The Truckee River Operating Agreement (TROA), implemented in late 2015, is a game-changer for our region's water supply. With TROA, we can more than double our upstream drought storage over time. TMWA relies on storage from Donner and Independence Lakes during droughts, but under TROA, we can also credit store water in the reservoirs shown below to help meet customer demand when river flows can't be maintained.

Lake Tahoe

Prosser

Stampede

Boca

For example, in 2015, 15% of the total water delivered to TMWA's customers came from drought storage in these reservoirs. TMWA also follows sustainable groundwater management practices to augment the region's surface water supplies.

PASSIVE RECHARGE

(Wells are off and rested)



ACTIVE RECHARGE

(Treated surface water pumped into aquifer)



Aquifer storage and recovery operations help sustain groundwater levels and reduce dependencies on surface water.

TMWA's conjunctive-use strategy optimizes the use of surface and groundwater, resulting in 4,500 acre ft. (1,466,239,500 gallons) less water pumped from aquifers so far this year.

FROM 2015's DROUGHT TESTER TO 2017's DROUGHT BUSTER:

Records broken in 2017

Lake Tahoe

- ✔ Rises 6.3 ft.
- ✔ Fills for the first time in 10 years
- ✔ Largest rise in recorded history

Mt. Rose Snowpack

- ✔ 243% of normal
- ✔ 156" snow depth, 81.1" water content
- ✔ The most snow ever measured, dating back to 1910!



TRUCKEE MEADOWS WATER
AUTHORITY

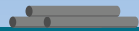
Quality. Delivered.

More Smart Facts Beyond the Snowpack

Since 2001, TMWA has invested \$550,000,000 in capital projects, increasing our infrastructure's efficiency and reliability. Here are some notable investments:



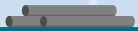
Mt. Rose Treatment Plant
SCHEDULED 2018-2019



Fish Springs Integration
ONLINE JULY 2016



Zolezzi Pump Station
ONLINE JULY 2016



Stead Main Line from 1940s
100% REPLACED 2016



Peavine Tank Replacement
SCHEDULED 2017-2018

Water Main Replacements
4th Street, South Virginia and Prater Way Corridors
SCHEDULED 2017-2018

Did you know?



This summer, TMWA produced enough hydropower to provide all the energy needed to run Chalk Bluff and Glendale Water Treatment Plants for the entire year.

1,000 TESTS

Water delivered to your home and throughout the system is tested over 1,000 times per month at 185 locations throughout the Truckee Meadows.

Routine maintenance is key to ensuring service to existing and new customers across our 157 square-mile surface area.



1,638

New Accounts Added
In the past year



87+ miles

Water Main Lines Replaced
Since 2001



1,960 miles

Water Main Lines in Service Area
Currently

Facts on Water and Growth

New development projects are approved and permitted by local government agencies and serviced by TMWA.

1,464 acre feet

Water rights presented to TMWA for new projects in 2016.

ZERO

New water rights created to support growth? Zero, zip, nada since the 1944 Orr Ditch Decree.



For more information about TMWA, Visit www.tmwa.com