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## SMART ABOUT WATER QUICK FACT:

### ASSIGNED-DAY WATERING ALWAYS APPLIES

Remember: outdoor watering increases average residential water use by up to four times during dry summer months. Beyond its clear conservation benefit, our Assigned-Day Watering Program also helps level off peak system use during the high-demand season. See more information on TMWA's Assigned Day Watering Program at [tmwa.com/adw](https://tmwa.com/adw).

## ASSIGNED-DAY WATERING

### ODD ADDRESSES:

- ✓ WEDNESDAYS
- ✓ FRIDAYS
- ✓ SUNDAYS



### EVEN ADDRESSES:

- ✓ TUESDAYS
- ✓ THURSDAYS
- ✓ SATURDAYS

NO WATERING ON MONDAYS. DO NOT WATER BETWEEN NOON AND 6 P.M.

## TMWA WATER SYSTEM BY THE NUMBERS:

Tanks: **97** (120-million-gallon capacity)  
Wells: **98**  
Pump Stations: **118**  
Pressure Regulation Stations: **380**  
Operational Treatment Plants: **3**  
Total System Valves: **39,135**  
Length of Pressurized Water Mains and Lines: **2,802 miles**  
Customer Connections: **133,851**  
Size of TMWA Retail Area: **170.92** square miles.

## STATE OF THE WATER REPORT:

BY BILL HAUCK, WATER SUPPLY SUPERVISOR

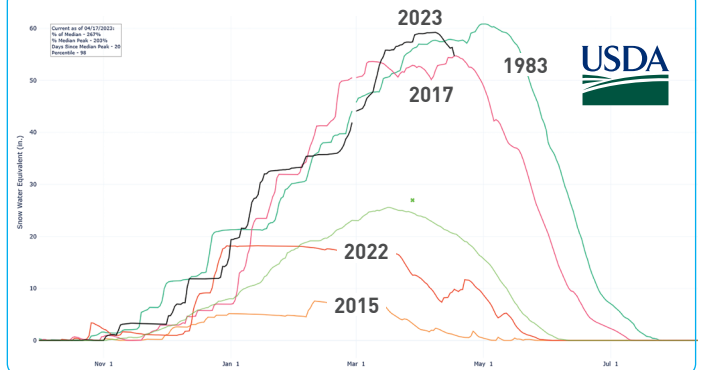
This winter brought one of the biggest snowpack years on record, and the water supply outlook for our region is excellent! Official April 1st snowpack measurements for the Lake Tahoe Basin came in at 242% of normal. With the big spring runoff, it is expected that all upstream reservoirs on the Truckee River system will fill this year.

Lake Tahoe, with its massive 744,600-acre foot storage capacity, should come very close to filling. (The top 6.1 ft. of storage above the lake's rim is used to provide river flows and drought reserves). This is a remarkable rebound for the lake which, in early December, was almost six inches below its natural rim. As of mid-April, Tahoe's elevation had already increased by almost three feet, and is projected to rise about three additional feet by August.

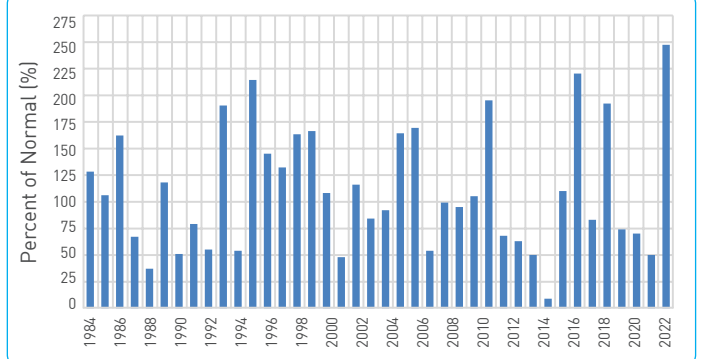
There will be a tremendous amount of carry-over storage in the upstream reservoirs this fall going into next winter. That's great news as Truckee River flows can be maintained for at least the next two or three years.

A big winter like this, where all the reservoirs are refilled in the springtime, basically resets the entire system. It highlights the fact that, under the right circumstances, the Truckee River can recover very quickly—sometimes in just one season. Our community is very fortunate to have such a unique water system and series of reservoirs available to help secure the future of our water supply.

### SNOW WATER EQUIVALENT IN LAKE TAHOE



### LAKE TAHOE BASIN SNOW LEVELS FOR LAST 40 YEARS



## WATER AND NEW DEVELOPMENT: HOW DOES IT WORK?

The amount of water rights on the Truckee River system is permanently fixed. No new river water rights can ever be created. This number was appropriated and then capped by law at 225,000 acre-feet over 70 years ago by the Orr Ditch Decree. Yet, how this water is used has shifted significantly over time. For new development, water rights are converted from

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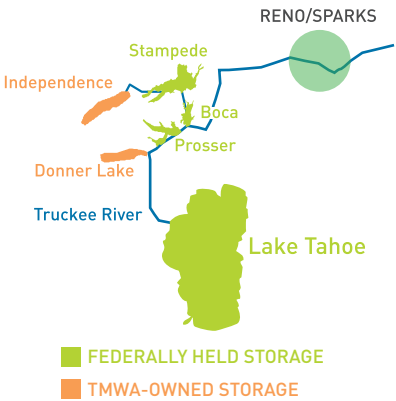
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agricultural use to meet the needs of homes and businesses. Water rights from our community’s finite supply must be purchased from willing sellers by builders, then dedicated to TMWA to establish new service. Every home or business, no matter how old or new, must have dedicated water rights to receive water service from TMWA.

In addition, for every acre-foot of water that’s required for service, an additional 11% must be dedicated for drought reserves; this water is held upstream in case it is needed. Also, developers are assessed hook-up fees and required to pay for any new infrastructure needed for their projects—from pipes to pumps to increased treatment capacity. This ensures existing customers do not pay for growth, which is a TMWA policy.

TRUCKEE RIVER WATER SYSTEM: A WATER STORAGE NETWORK THAT CREATES RESILIENCY FOR THE REGION

Unlike many other water systems, TMWA has an exceptional portfolio of water resources stored in groundwater aquifers and in six large, upstream reservoirs—two of which are fully owned by TMWA. This vast reservoir storage system provides a significant level of drought resiliency for our area. In addition, TMWA stores surface water in a number of underground basins located throughout our service territory. This water supply can be used to meet customer demands in times of drought or during peak-use periods in the summer. The existence of this extensive storage infrastructure is the outcome of generations of planning and decades of investments to help secure our community’s water future.



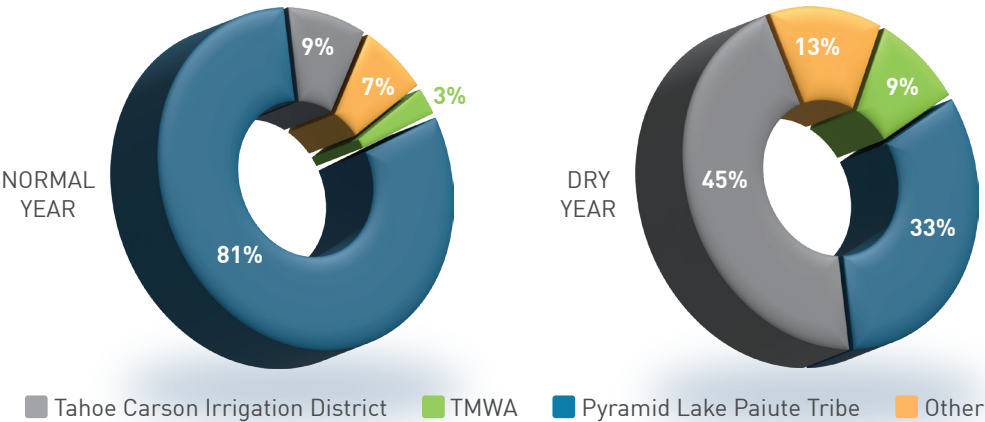
THE TRUCKEE RIVER OPERATING AGREEMENT: AN EXPANSION OF STORAGE OPTIONS WITH MORE FLEXIBILITY

Many river systems in the West are managed by a set of operating rules which dictate how water is released and managed. In our area, The Truckee River Operating Agreement (TROA), provides legal guidelines on how the Truckee River system is managed. TROA, which was implemented in 2015, is very important to TMWA and our community as it significantly improves our ability to build up and retain additional reservoir storage during times of drought.

When paired with additional reserves at Independence and Donner Lakes, TMWA is well prepared to meet the water demands of our customers during low water years. If drought persists, our stored water can carry over into succeeding years to increase our reserve storage even more.

The winter of 2022/23 has been great for all Truckee River users. Given the massive snowpack accumulation and subsequent runoff, the additional drought storage TMWA was holding upstream will be reallocated for fish and wildlife purposes downstream. Our water system and TROA purposefully recognizes the need for flexibility because drought is, and has always been, a reality for regional water planners. For more information on TROA, visit [smartaboutwater.com](https://smartaboutwater.com).

TYPICAL DIVERSIONS OF THE TRUCKEE RIVER - WATER-USE PERCENTAGES IN NORMAL, AND DRY YEARS



Truckee Meadows Water Authority is a not-for-profit, community-owned water utility, overseen by elected officials and citizen appointees from Reno, Sparks and Washoe County. TMWA employs a highly skilled team who ensure the treatment, delivery and availability of high-quality drinking water around the clock for more than 440,000 residents of the Truckee Meadows.

EVENTS AND PUBLIC MEETINGS FOR JUNE:

BOARD OF DIRECTORS MEETING  
JUNE 21, 10:00 A.M. – NOON.

JUNETEENTH HOLIDAY  
JUNE 19 - TMWA OFFICES CLOSED

FIND DETAILS FOR ALL WORKSHOPS AND MEETINGS AT [TMWA.COM/MEETING](https://tmwa.com/meeting)

