ABOUT LAKE TAHOE AND THE TAHOE BASIN

- Maximum depth: 1,645 feet (501 meters), making it one of the deepest lakes in the world and second deepest lake in the United States.
- Average depth: 1,000 feet (305 meters).
- Lake surface area: 191 square miles (495 square kilometers).
- Watershed area: 312 square miles (800 square kilometers).
- Length: 22 miles (35 kilometers).
- Width: 12 miles (19 kilometers).
- Length of shoreline: approximately 75 miles (120 kilometers).
- Volume of water: 40 trillion gallons, plus or minus.
- The daily evaporation from Lake Tahoe (half a billion gallons) would meet the daily water needs of five million Americans.
- The number of algal cells in Lake Tahoe is approximately 30 million trillion, within a few trillion or so.
- A single Daphnia can consume 100,000 fine particles every hour.
- In a bad year, there are over 60 billion Mysis shrimp in Lake Tahoe.
- In 2022, there are less than three billion Mysis shrimp, potentially setting the stage for the rebound of the Daphnia population and an improvement in clarity in 2023.
- Number of inflowing streams: 63, the largest being the Upper Truckee River.
- Number of large lakes worldwide with annual clarity exceeding Tahoe’s: 0.
- Number of outflowing streams: one, the Truckee River, which exits at Tahoe City, flows through Truckee and Reno, and terminates in Pyramid Lake, Nevada.
- Number of monitoring stations TERC utilizes in the Tahoe Basin: 225.
- Length of time it would take to refill the lake: about 600 years.
- Average elevation of lake surface: 6,225 feet (1,897 meters).
- Highest peak in basin: Freel Peak, 10,891 feet (3,320 meters).
- Latitude: 39 degrees North.
- Longitude: 120 degrees West.