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 5 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 2022, there were less than three billion Mysis shrimp, potentially setting the stage for the rebound of the cladoceran population and the continuation of clarity improvement 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