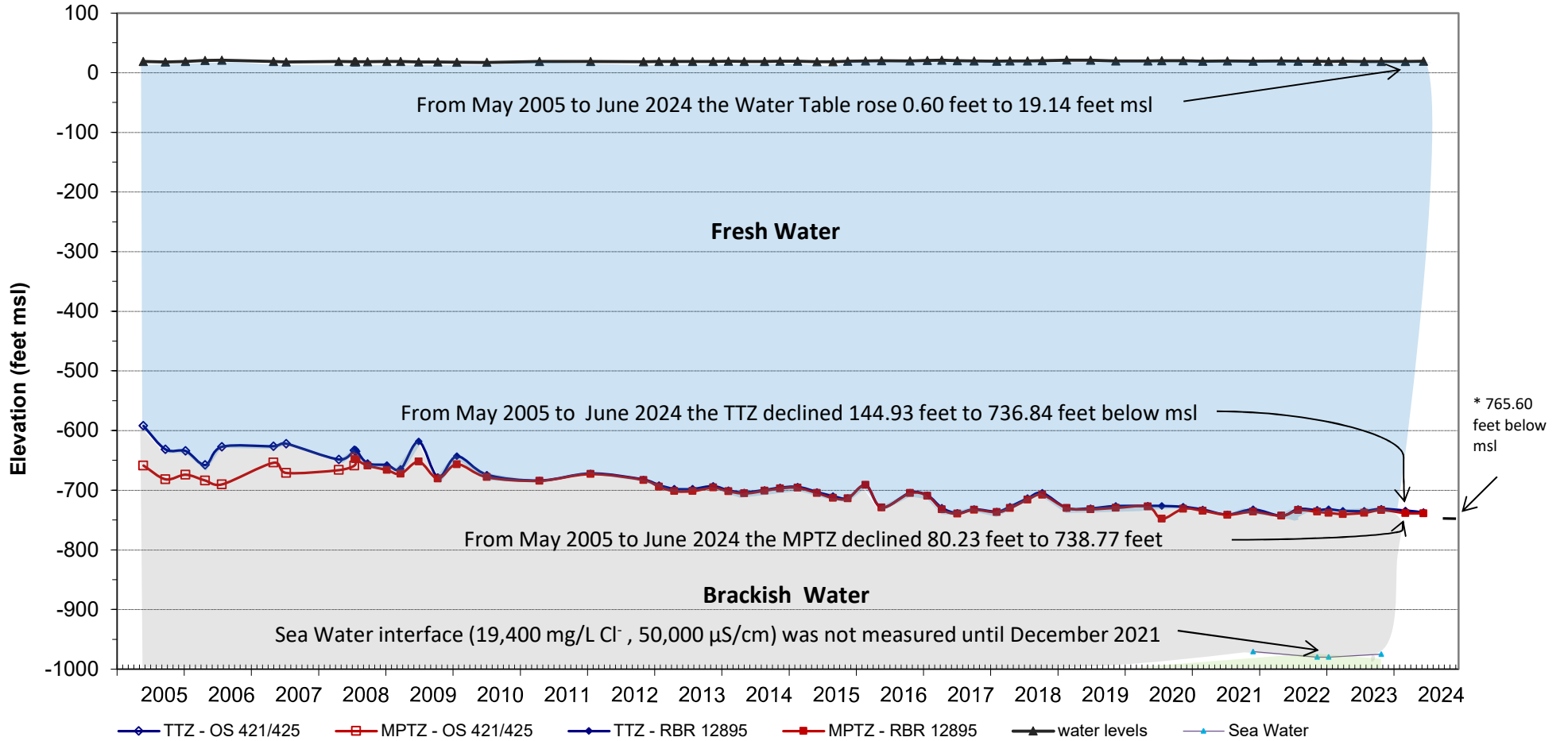


Waimalu Deep Monitor Well, Oahu (3-2456-005)

Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) from May 2005 through June 2024



Notes: (1) TTZ = 1,000 μS/cm (~ 220 mg/L Cl⁻); MPTZ = 25,000 μS/cm (~ 8,500 mg/L Cl⁻) (2) Fresh Water < 220 mg/L Cl⁻, Brackish Water 220 mg/L Cl⁻ to 19,399 mg/L Cl⁻, Sea Water >= 19,400 mg/L Cl⁻; (3) OS 421/425 = Ocean Sensors CTD (absolute conductivity); (4) RBR 12895 = RBR Global CTD (Specific Conductivity); (5) msl = mean sea level.

* Since the year 2005, the MPTZ has declined 80.23 feet toward a calculated Ghyben-Herzberg equilibrium elevation of approximately 765.60 feet below msl, relative to the Water Table measured at 19.14 feet above msl.