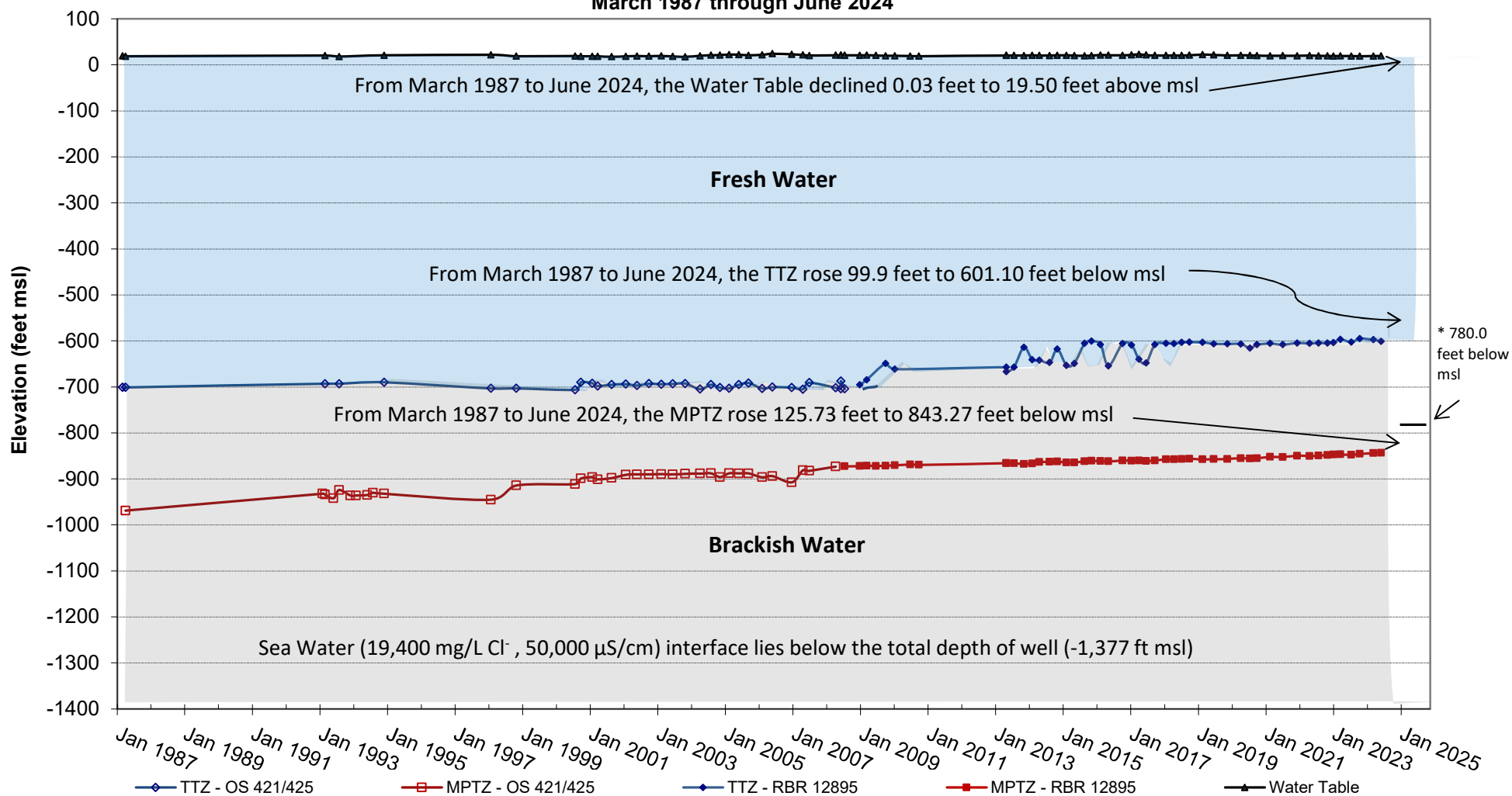


Waipio Mauka Deep Monitor Well, Oahu (3-2659-001)

**Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ)
March 1987 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 1987, the MPTZ has risen 125.13 feet, to below a calculated Ghyben-Herzberg equilibrium elevation of approximately 780.0 feet below msl, relative to the Water Table measured at 19.50 feet above msl.