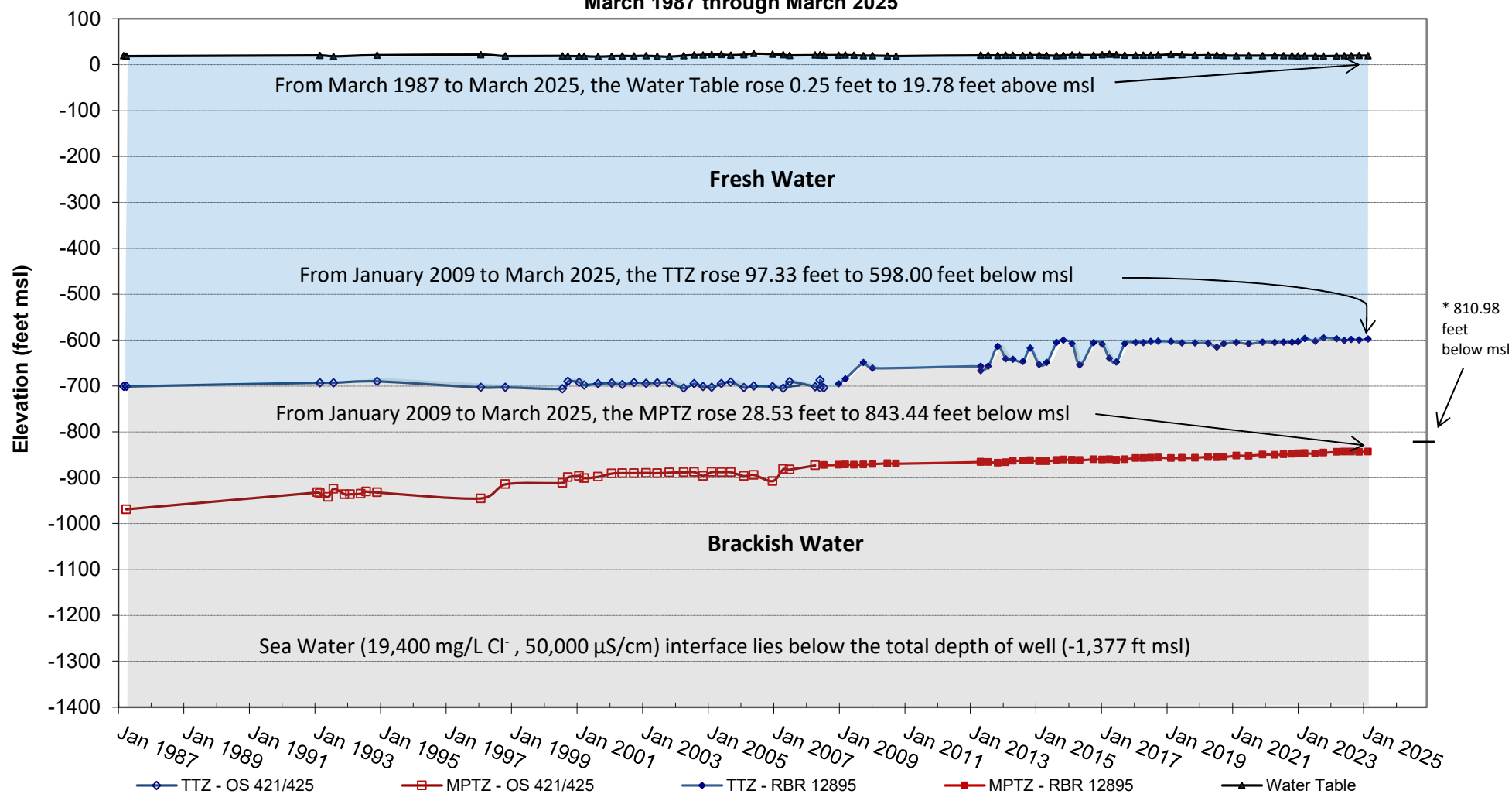


## Waipio Mauka Deep Monitor Well, Oahu (3-2659-001)

### Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) March 1987 through March 2025



Notes: (1) TTZ = 1,000  $\mu\text{S}/\text{cm}$  ( $\sim 220 \text{ mg/L Cl}^-$ ); MPTZ = 25,000  $\mu\text{S}/\text{cm}$  ( $\sim 8,500 \text{ mg/L Cl}^-$ ) (2) Fresh Water < 220 mg/L  $\text{Cl}^-$ , Brackish Water 220 mg/L  $\text{Cl}^-$  to 19,399 mg/L  $\text{Cl}^-$ , Sea Water  $\geq 19,400 \text{ mg/L Cl}^-$ ; (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 2009, the MPTZ has risen 28.53 feet, to below a calculated Ghyben-Herzberg equilibrium elevation of approximately 810.98 feet below msl, relative to the Water Table measured at 19.78 feet above msl.