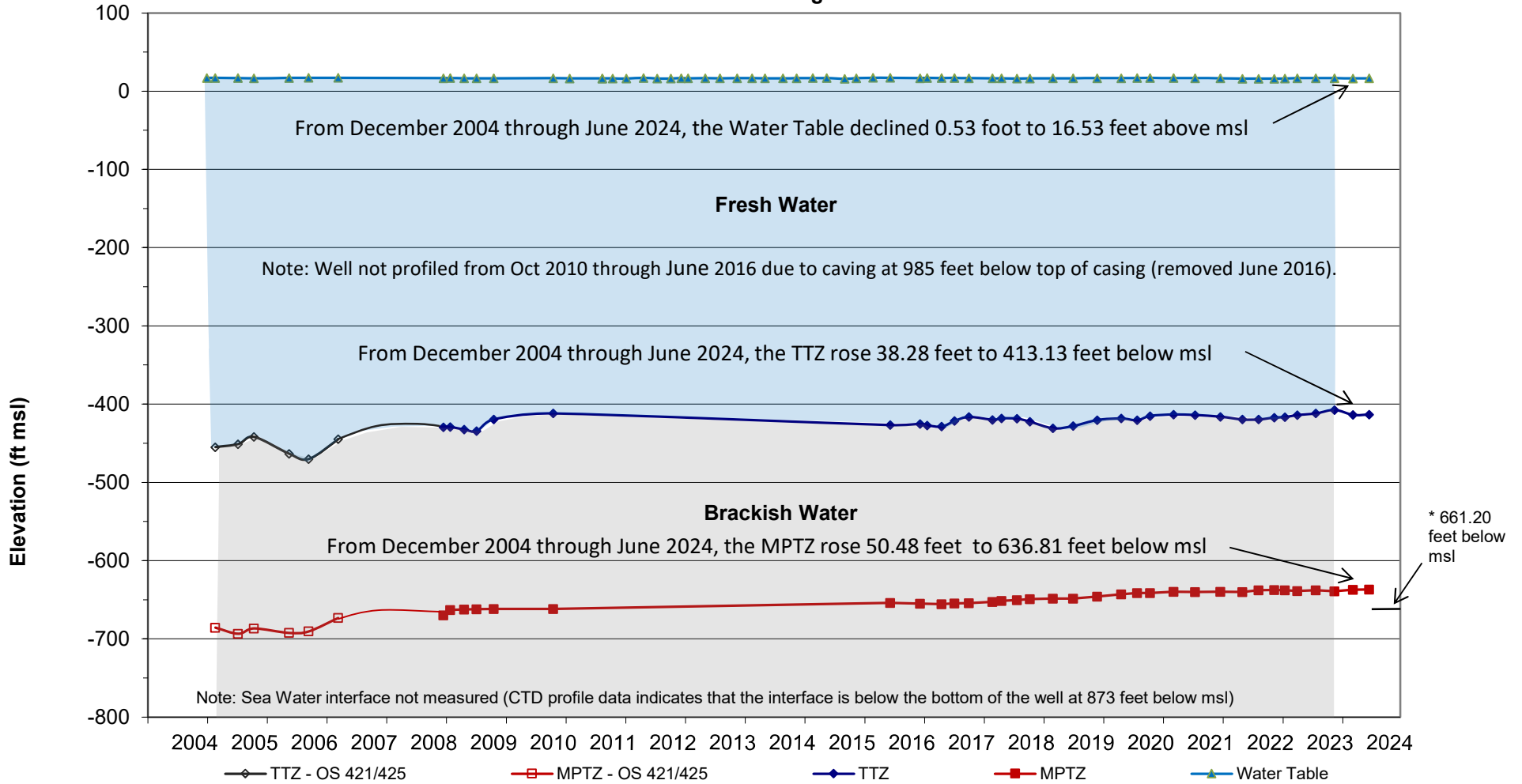


Kunia Mauka Deep Monitor Well, Oahu (3-2503-003)

Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) From December of 2004 through June 2024



Notes: (1) TTZ = 1,000 $\mu\text{S}/\text{cm}$ ($\sim 220 \text{ mg}/\text{L Cl}^-$); MPTZ = 25,000 $\mu\text{S}/\text{cm}$ ($\sim 8,500 \text{ mg}/\text{L Cl}^-$) (2) Fresh Water $< 220 \text{ mg}/\text{L Cl}^-$, Brackish Water $220 \text{ mg}/\text{L Cl}^-$ to $19,399 \text{ mg}/\text{L Cl}^-$, Sea Water $\geq 19,400 \text{ mg}/\text{L Cl}^-$; (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 2004, the MPTZ has risen 50.48 feet to an elevation of 636.81 feet below msl, where it is near a calculated Ghyben-Herzberg equilibrium elevation of 661.20 feet below msl, relative to the Water Table measured at 16.53 feet above msl.