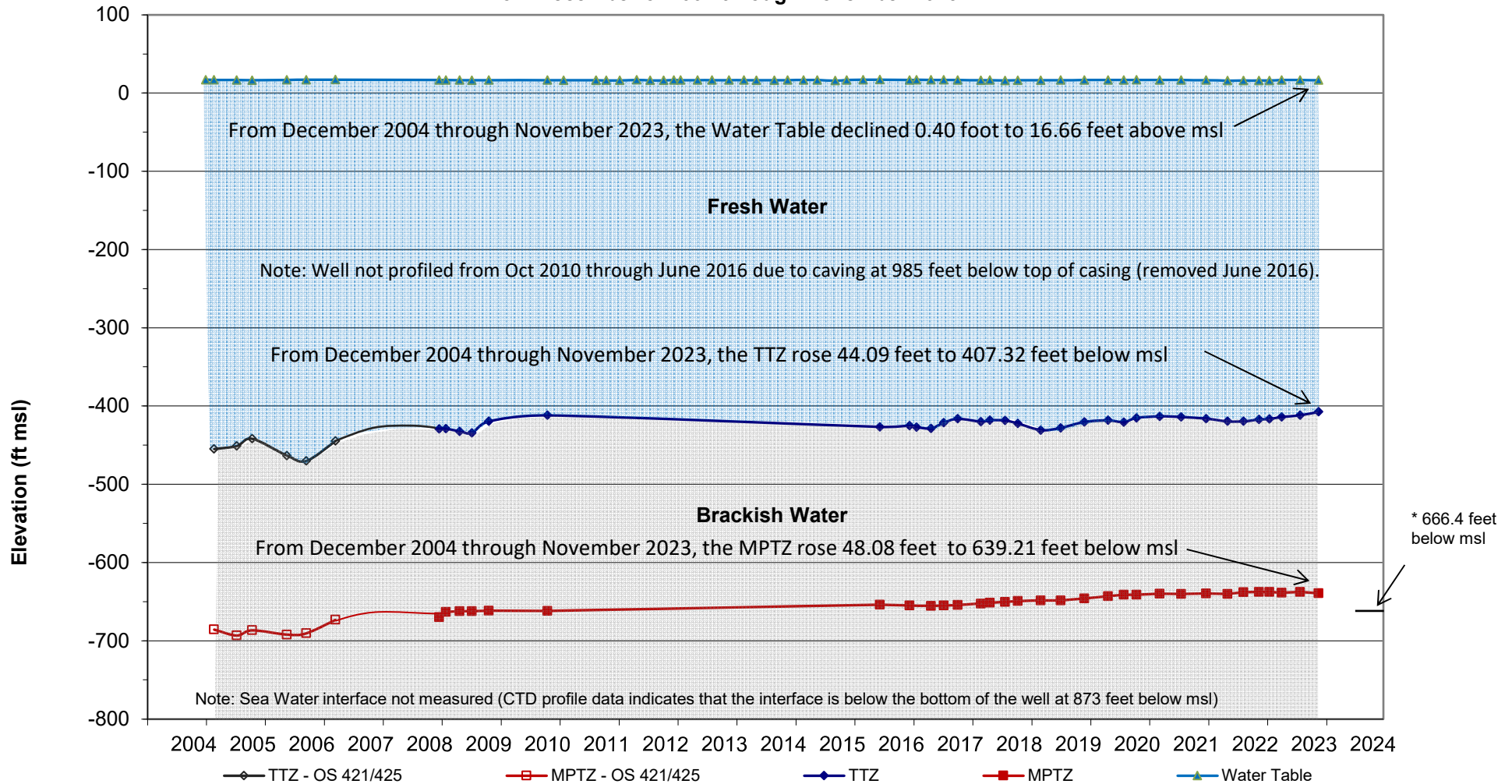


## Kunia Mauka Deep Monitor Well, Oahu (3-2503-003)

### Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) From December of 2004 through November 2023



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  $\text{mg/L Cl}^-$ , Brackish Water 220  $\text{mg/L Cl}^-$  to 19,399  $\text{mg/L Cl}^-$ , 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 2004, the MPTZ has risen 48.08 feet to an elevation of 639.21 feet below msl, where it is near a calculated Ghyben-Herzberg equilibrium elevation of 666.4 feet below msl, relative to the Water Table measured at 16.66 feet above msl.