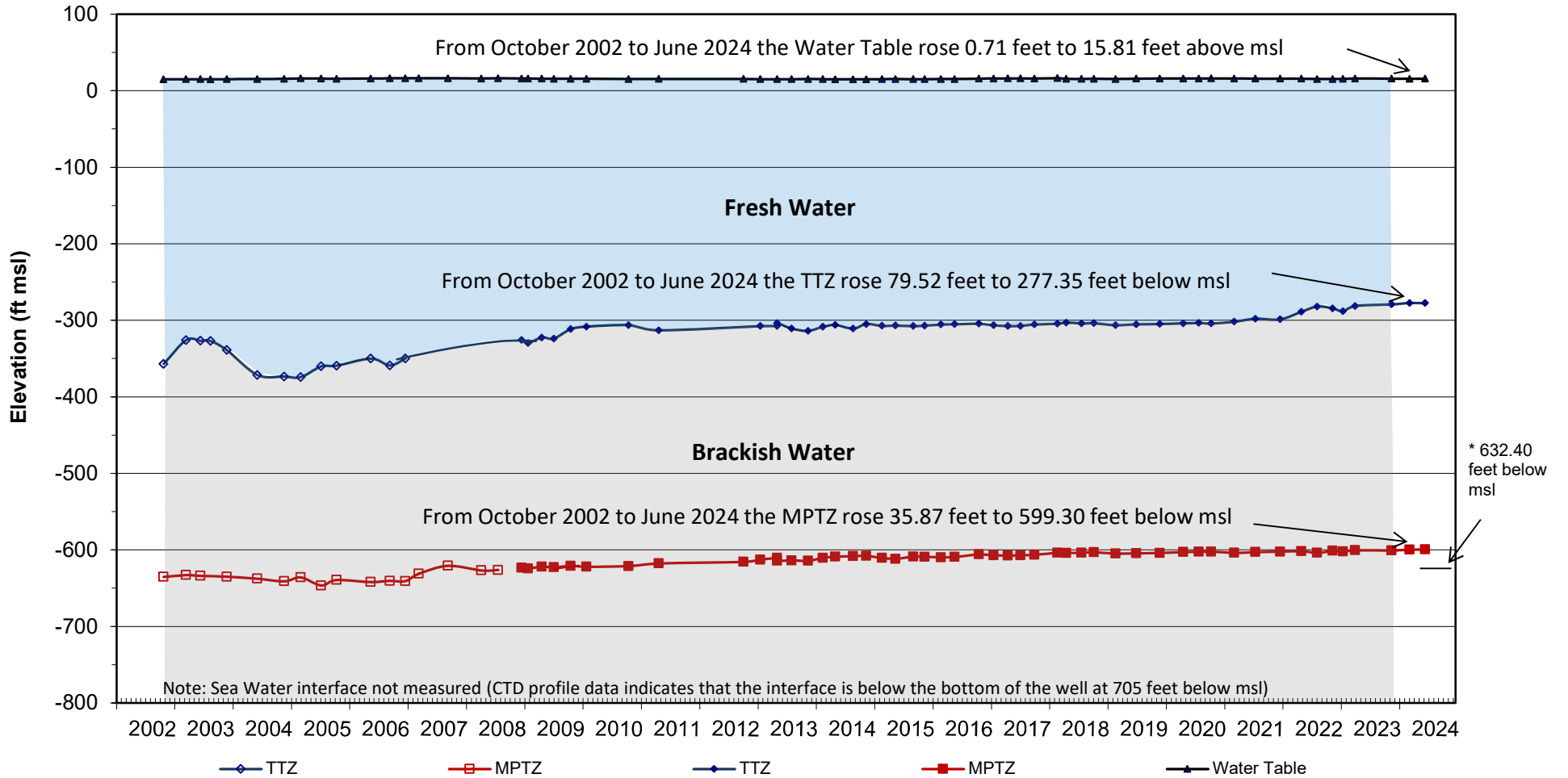


# Kunia Middle Deep Monitor Well, Oahu (3-2403-002)

## Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) October 2002 through June 2024



Notes: (1) TTZ = 1,000  $\mu\text{S}/\text{cm}$  (~ 220 mg/L  $\text{Cl}^-$ ); MPTZ = 25,000  $\mu\text{S}/\text{cm}$  (~ 8,500 mg/L  $\text{Cl}^-$ ) (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 mg/L  $\text{Cl}^-$ ; (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 2002, the MPTZ has risen 35.87 feet to an elevation of 599.30 feet msl, where it is higher than the calculated Ghyben-Herzberg elevation of 632.40 feet below msl, relative to the Water Table measured at 15.81 feet above msl.