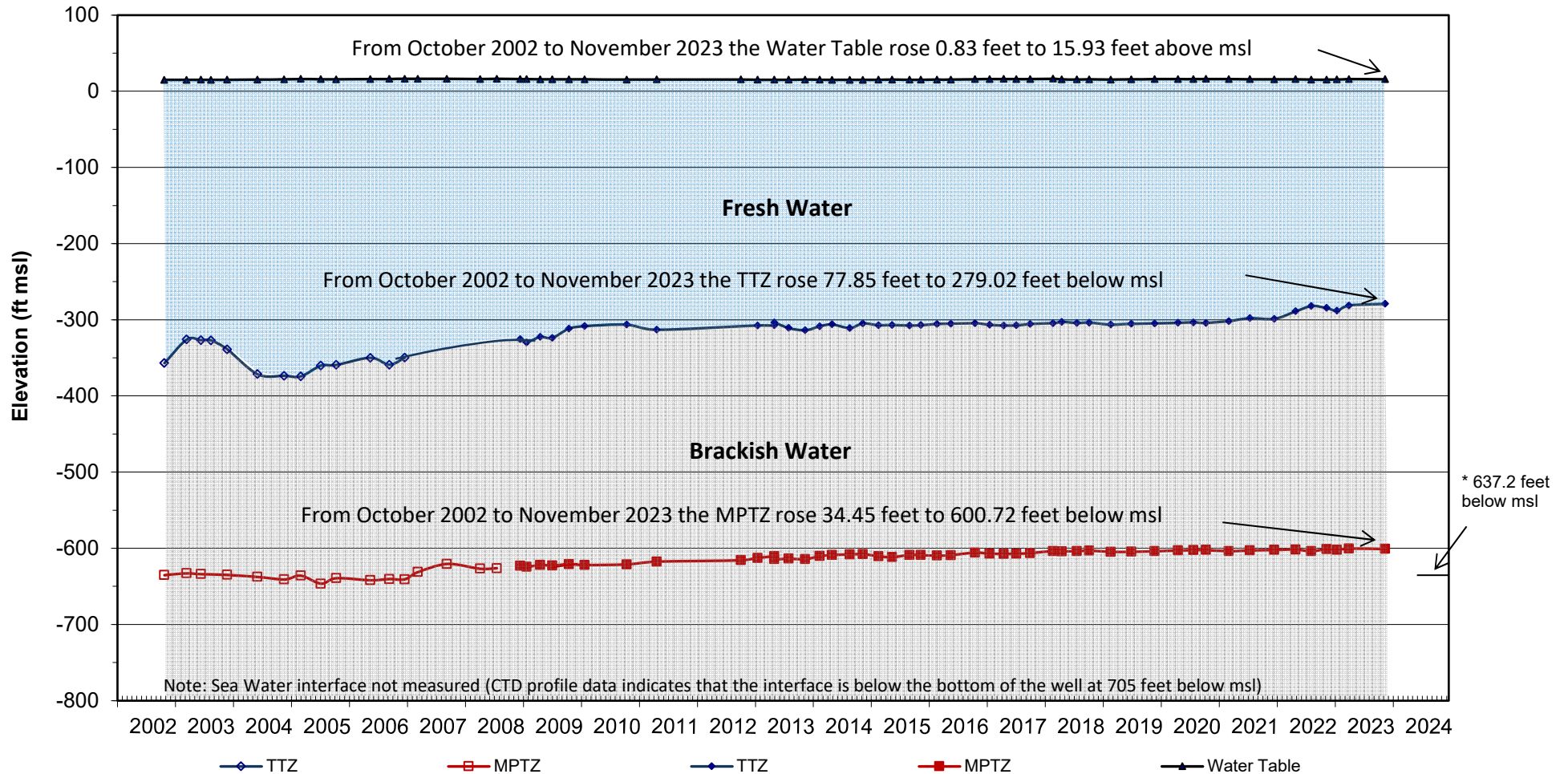


Kunia Middle Deep Monitor Well, Oahu (3-2403-002)

Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) October 2002 through 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 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 2002, the MPTZ has risen 34.45 feet to an elevation of 600.72 feet msl, where it is higher than the calculated Ghyben-Herzberg elevation of 637.2 feet below msl, relative to the Water Table measured at 15.93 feet above msl.