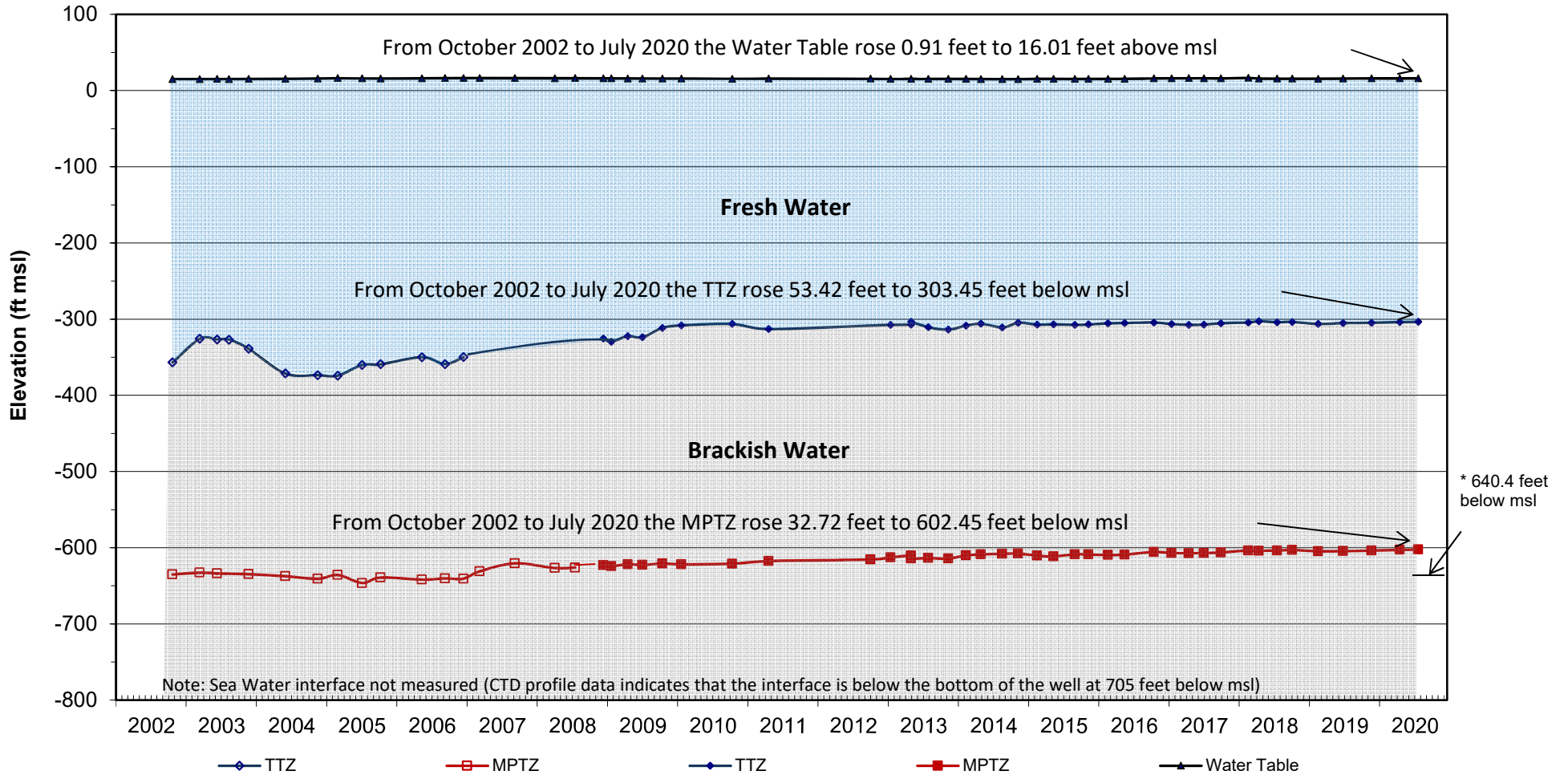


Kunia Middle Deep Monitor Well, Oahu (3-2403-002)

Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) October 2002 through July 2020



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 mg/L Cl^- , Brackish Water 220 mg/L Cl^- to 16,999 mg/L Cl^- , Sea Water $\geq 17,000 \text{ mg}/\text{L Cl}^-$; (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 2002, the MPTZ has risen 32.72 feet to an elevation of 602.45 feet msl, where it is higher than the calculated Ghyben-Herzberg elevation of 640.4 feet below msl, relative to the Water Table measured at 16.01 feet above msl.