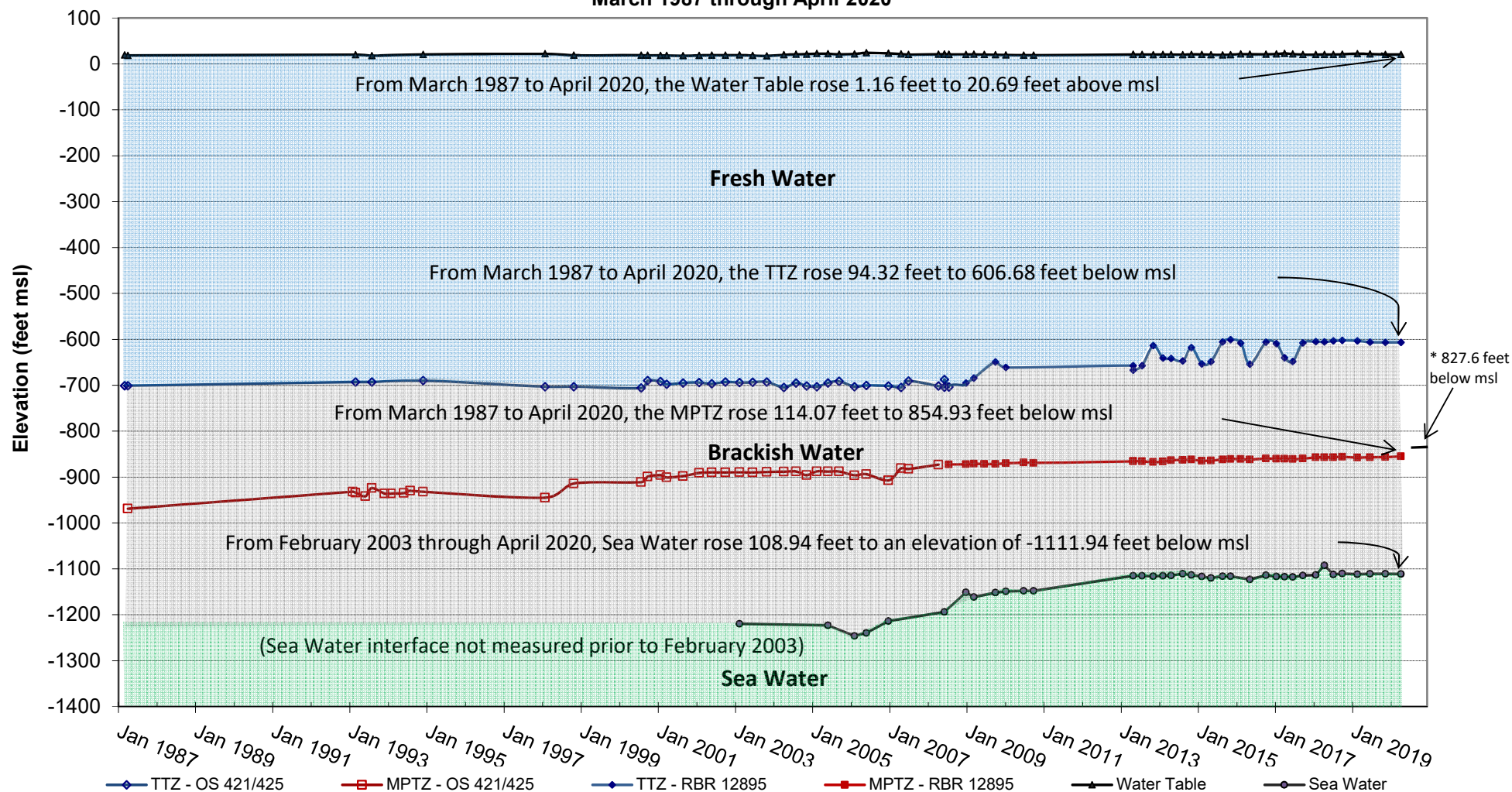


Waipio Mauka Deep Monitor Well, Oahu (3-2659-001)

**Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ)
March 1987 through April 2020**



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 mg/L Cl^- , Brackish Water 220 mg/L Cl^- to 16,999 mg/L Cl^- , Sea Water $\geq 17,000 \text{ mg/L Cl}^-$; (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 1987, the MPTZ has risen 114.07 feet, to below a calculated Ghyben-Herzberg equilibrium elevation of approximately 827.6 feet below msl, relative to the Water Table measured at 20.69 feet above msl.