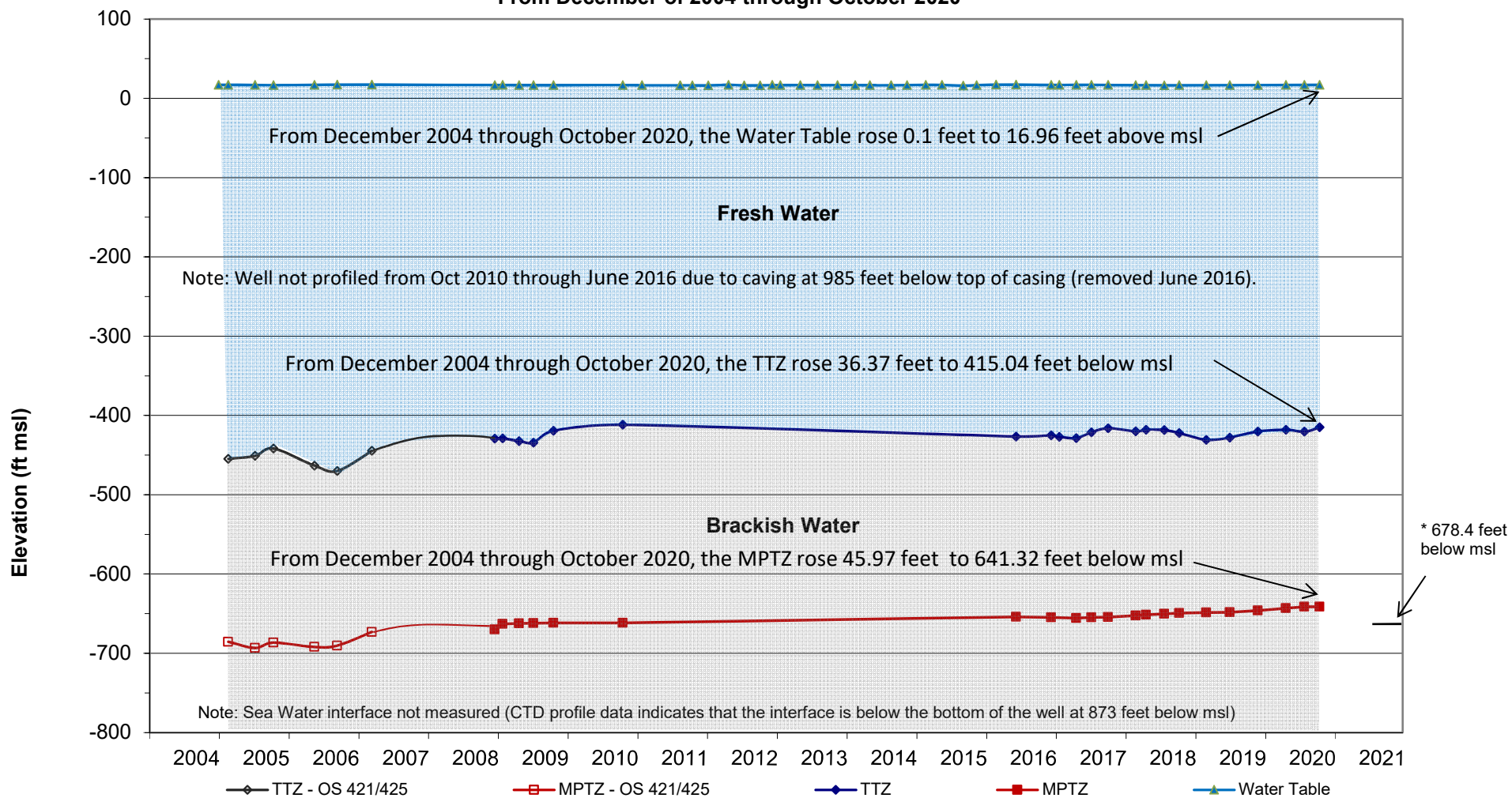


## Kunia Mauka Deep Monitor Well, Oahu (3-2503-003)

### Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) From December of 2004 through October 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  $< 220 \text{ mg}/\text{L Cl}^-$ , Brackish Water  $220 \text{ mg}/\text{L Cl}^-$  to  $16,999 \text{ mg}/\text{L Cl}^-$ , 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 2004, the MPTZ has risen 46 feet to an elevation of 641.32 feet below msl, where it is above a calculated Ghyben-Herzberg equilibrium elevation of 678 feet below msl, relative to the Water Table measured at 16.96 feet above msl.