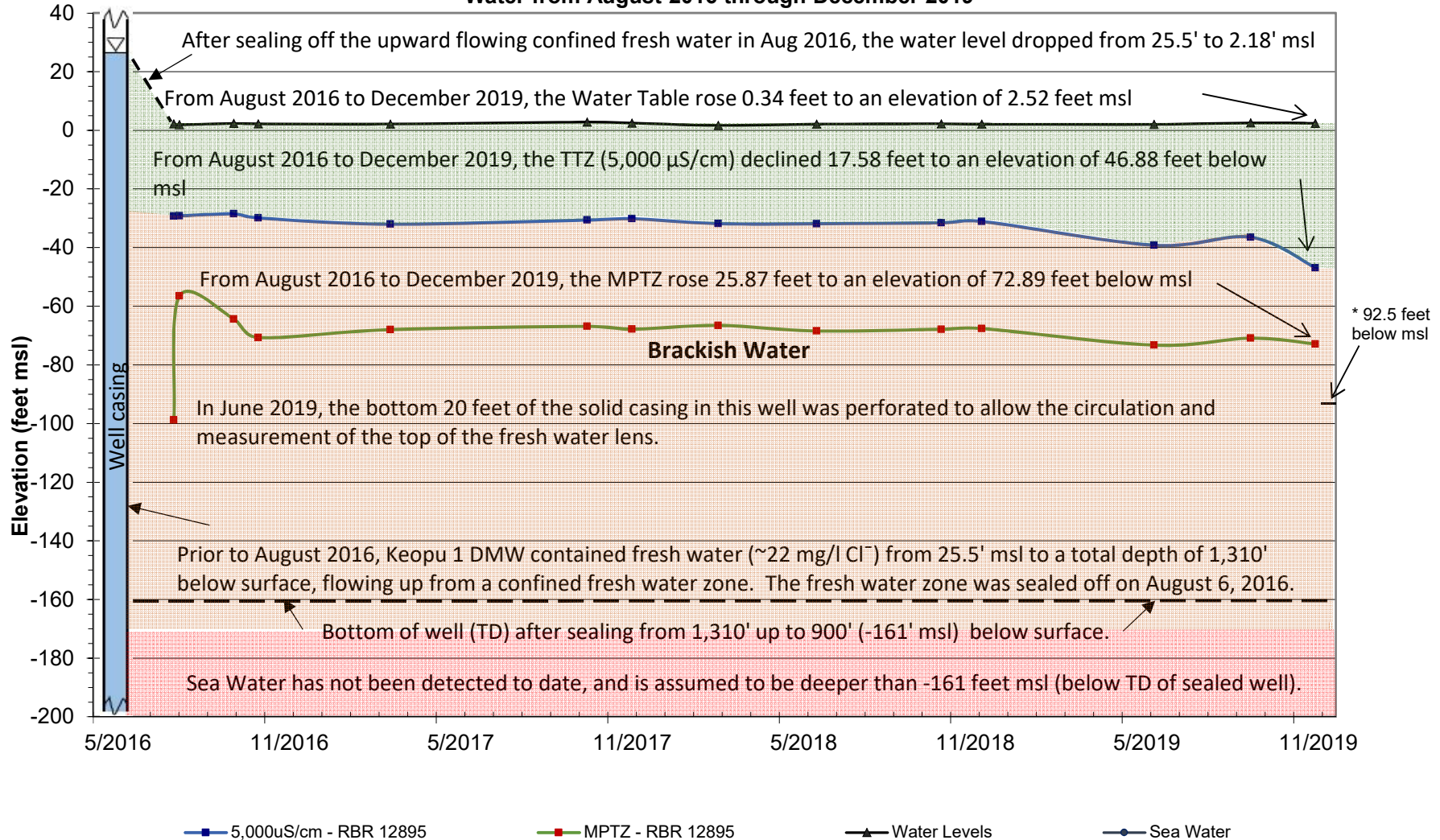


## Keopu 1 Deep Monitor Well, Hawaii (8-3858-001)

**Fluctuations in the Water Table, Top of Transition Zone (TTZ), Midpoint of Transition Zone (MPTZ), and Sea Water from August 2016 through December 2019**



**Notes:** (1) Minimum conductivity in this well is greater than 1,000  $\mu\text{S}/\text{cm}$ . Therefore, TTZ = 5,000  $\mu\text{S}/\text{cm}$ ; MPTZ = 25,000  $\mu\text{S}/\text{cm}$ ; (2) Fresh Water < 220 mg/L  $\text{Cl}^-$ , Brackish Water 220 mg/L  $\text{Cl}^-$  to 16,999 mg/L  $\text{Cl}^-$ , Sea Water  $\geq 17,000 \text{ mg/L Cl}^-$ ; (3) RBR 12895 = RBR Global CTD (Specific Conductivity); (4) msl = mean sea level.

\* Since August 2016, the MPTZ rose 25.87 feet to an elevation of 70.88 feet below msl, where it is above a calculated Ghyben-Herzberg equilibrium elevation of 92.5 feet below msl, relative to the Water Table measured at 2.38 feet above msl.