Waiehu Deep Monitor Well, Maui (6-5430-005)

Fluctuation in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ)
August 1985 through August 2022

Notes: (1) TTZ = 1,000 µS/cm (~ 220 mg/L Cl\(^-\)); MPTZ = 25,000 µS/cm (~ 8,500 mg/L Cl\(^-\)) (2) Fresh Water < 220 mg/L Cl\(^-\), Brackish Water 220 mg/L Cl\(^-\) to 19,399 mg/L Cl\(^-\), Sea Water >= 19,400 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 1985, the MPTZ has risen 217.67 feet, rising to below a calculated Ghyben-Herzberg equilibrium elevation of 336.61 feet below msl, relative to the Water Table measured at 8.21 feet above msl.

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