Fluctuations in the Water Table, Top of Transition Zone (TTZ), and Midpoint of Transition Zone (MPTZ) from September 2000 through April 2022

Notes:
1. Minimum conductivity in this well is greater than 1,000 µS/cm. Therefore, TTZ = 5,000 µS/cm; MPTZ = 25,000 µS/cm. (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 2000, the MPTZ declined 3.19 feet to an elevation of 48.79 feet below msl, where it is above a calculated Ghyben-Herzberg equilibrium elevation of 67.7 feet below msl, relative to the Water Table measured at 1.65 feet above msl.

last updated 4/26/2022