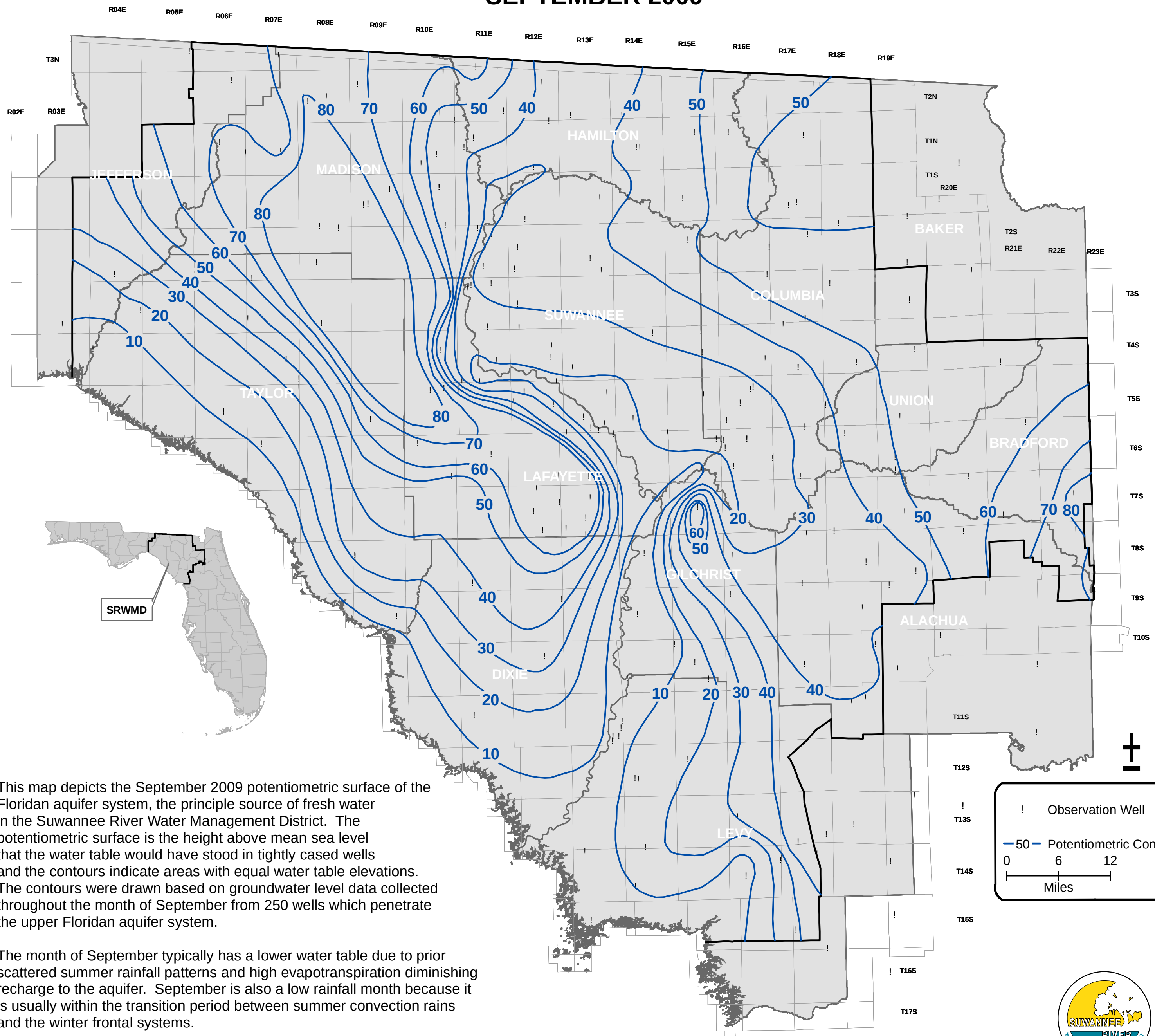


POTENTIOMETRIC SURFACE OF THE UPPER FLORIDAN AQUIFER IN THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT SEPTEMBER 2009



This map depicts the September 2009 potentiometric surface of the Floridan aquifer system, the principle source of fresh water in the Suwannee River Water Management District. The potentiometric surface is the height above mean sea level that the water table would have stood in tightly cased wells and the contours indicate areas with equal water table elevations. The contours were drawn based on groundwater level data collected throughout the month of September from 250 wells which penetrate the upper Floridan aquifer system.

The month of September typically has a lower water table due to prior scattered summer rainfall patterns and high evapotranspiration diminishing recharge to the aquifer. September is also a low rainfall month because it is usually within the transition period between summer convection rains and the winter frontal systems.

