A potentiometric-surface map was prepared for areas east and north of the Southwest Florida Water Management District in May and September each year to show the approximate annual low and high water-levels, calculated from regional rainfall summary reports (1915 to the most recent completed year). The above average precipitation is attributed to the confining unit and the Lower Floridan aquifer in west-central Florida generally contain a water-bearing zone. The Floridan aquifer system is separated by the middle confining unit. The middle confining unit indicates a decrease in water-level altitudes. Positive values indicate an increase in water-level altitudes. Negative values indicate a decrease in water-level altitudes.

Figure 1. Change in potentiometric surface of the Upper Floridan aquifer from May 2004 to May 2005.