RAINFALL IN MAY WAS ABOVE NORMAL

In May, above-normal rainfall was received in Daytona Beach and DeLand. DeLand received 5.8 inches (2.18 inches above-normal) of rain while Daytona Beach reported 3.52 inches (0.39 inches above-normal).

Rainfall in May resulted in a twelve-month average rainfall surplus of 7.78 inches. The surplus in April was 5.29 inches so 2.49 inches of rain was gained on the 12 month average. Normal annual rainfall for Volusia County is 53.83 inches.

Forecasts call for above-normal precipitation in June combined with above normal temperatures. Normal precipitation in June for DeLand and Daytona Beach is 8.14 inches and 5.83 inches respectively.

El Niño Southern Oscillation (ENSO) neutral is expected to continue through summer 2020. NOAA predicts above normal temperatures and above normal precipitation for Volusia County through August 2020.

Nine of the 39 monitoring wells were below baseline in May compared to three below baseline in April. Comparing May well levels to April well levels, all 39 monitoring wells were down.

Blue Spring was measured on May 13. The flow was 97.63 million gallons per day (151 CFS), which is 1.29 million gallons per day (2 CFS) more than the last measurement taken on April 9. The measurement also indicates that Blue Spring was flowing above its baseline low of 119 CFS and above the Minimum Flow and Level of 148 CFS.

The Keetch Byram Drought Index was 145 on May 31. This is 218 points lower than the level of 363 on April 30 and 313 points lower than the level of 458 one year ago. The KBDI has a scale of zero to 800 with zero being wet and 800 representing desert-like conditions.

For more details on the groundwater report and for more information on water resources in Volusia County, please visit our website:

www.volusia.org/water-conservation