MIXED RAINFALL IN FEBRUARY

In February, below-normal rainfall was received in Daytona Beach while DeLand received above normal rainfall. DeLand received 3.39 inches (0.43 inches above normal) of rain while Daytona Beach reported 2.28 inches (0.50 inches below normal).

Rainfall in February resulted in a twelve-month average rainfall surplus of 5.44 inches. The surplus in January was 3.65 inches so 1.79 inches of rain was gained on the 12 month average. Normal annual rainfall for Volusia County is 53.83 inches.

Forecasts call for below normal precipitation in March combined with above normal temperatures. Normal precipitation in March for DeLand and Daytona Beach is 4.30 inches and 4.24 inches respectively.

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

Two of the 39 monitoring wells were below baseline in February compared to one below baseline in January. Comparing February well levels to January well levels, 12 monitoring wells were up and 27 were down.

Blue Spring was measured on February 26. The flow was 92.46 million gallons per day (143 CFS), which is 9.05 million gallons per day (14 CFS) less than the last measurement taken on January 17. The measurement also indicates that Blue Spring was flowing above its baseline low of 119 CFS but below the Minimum Flow and Level of 148 CFS.

The Keetch Byram Drought Index was 241 on February 29. This is 5 points lower than the level of 246 on January 31 and 81 points higher than the level of 160 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