LOTS OF RAIN, WELLS MIXED — FEBRUARY 2018

In January, above normal rainfall was received county wide. DeLand reported 3.51-inches (0.47-inches above-normal) of rain while Daytona Beach reported 6.46-inches (3.72-inches above-normal).

Rainfall in January resulted in a twelve-month average rainfall surplus of 4.97-inches. The surplus in December was 2.08-inches so 2.89-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 February combined with above normal temperatures. Normal precipitation in February for DeLand and Daytona Beach is 2.96-inches and 2.78-inches respectively.

La Nina conditions will likely last through winter 2018, making our weather warmer and drier. NOAA predicts above-normal temperatures and below-normal precipitation for Volusia County through April.

Two of the 39 monitoring wells were below baseline in January, compared to none below baseline in December. The 2 wells were in Pierson and Barberville and probably low due to freeze event pumping in that area in January. Comparing January well levels to December well levels, 13 monitoring wells were up, and 26 were down.

Blue Spring was measured on January 11. The flow was 102.8-million gallons per day (159-CFS), which is 11.64-MGD(18 CFS) higher than the last measurement taken on December 20. The measurement also indicates that Blue Spring was flowing above its baseline low of 119 CFS and above the Minimum Flow and Level of 142 CFS.

The Keetch-Byram Drought Index was 82 on January 31. This is 164 points lower than the level of 246 on December 31, and 324 points lower than the level of 406 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

groundwater report