



RAIN MIXED, MOST WELLS UP

JULY 2018

In June, above normal rainfall was received in Daytona Beach while below normal rainfall was received in DeLand. DeLand reported 5.38-inches (2.76-inches below-normal) of rain while Daytona Beach reported 7.54-inches (1.71-inches above-normal).

Rainfall in June resulted in a twelve-month average rainfall surplus of 11.11-inches. The surplus in May was 16.15-inches so 5.04-inches of rain was lost on the 12-month average. Normal annual rainfall for Volusia County is 53.83-inches.

Forecasts call for above normal precipitation in July combined with above normal temperatures. Normal precipitation in July for DeLand and Daytona Beach is 8.34-inches and 5.83-inches respectively.

ENSO-neutral is likely to continue through the Northern Hemisphere summer 2018, with a chance for El Nino increasing during the fall. NOAA predicts above-normal temperatures and normal precipitation for Volusia County through September.

None of the 39 monitoring wells were below baseline in June, compared to one in May. Comparing June well levels to May well levels, 31 monitoring wells were up and 8 were down.

Blue Spring was measured on June 6. The flow was 95.04-million gallons per day (147-CFS), which is 4.52-MGD(7 CFS) higher than the last measurement taken on May 24. 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 29 on June 30. This is 28 points higher than the level of 1 on May 31 and 64 points lower than the level of 93 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