



County of Volusia, Florida

Division of Environmental Management

Groundwater Report

JUNE RAINFALL WAS ABOVE NORMAL

JULY 2019

In June, above-normal rainfall was received in both DeLand and Daytona Beach. DeLand received 9.02 inches (0.88 inches above normal) of rain while Daytona Beach reported 10.01 inches (4.18 inches above normal).

Rainfall in June resulted in a twelve-month average rainfall deficit of 0.98 inches. The deficit in May was 4.04 inches so 3.06 inches of rain was gained on the 12-month average. Normal annual rainfall for Volusia County is 53.83 inches.

Forecasts call for 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.

Weak El Niño conditions are favored to continue through summer and likely into fall 2019. NOAA predicts above normal temperatures and normal precipitation for Volusia County through September 2019.

Two of the 39 monitoring wells were below baseline in June, compared to four in May. Comparing June well levels to May well levels, 32 monitoring wells were up and 7 were down.

Blue Spring was measured on June 18. The flow was 95.69 million gallons per day (148 CFS), which is the same flow as the last measurement taken on May 21. 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 134 on June 30. This is 324 points lower than the level of 458 on May 31 and 105 points higher than the level of 29 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

