



County of Volusia, Florida  
Division of Environmental Management

## Groundwater Report

### RAINFALL IN SEPTEMBER WAS WELL ABOVE NORMAL

OCTOBER 2020

In September, DeLand received 11.85 inches (4.25 inches above-normal) of rain while Daytona Beach reported 8.23 inches (1.27-inches above-normal).

Rainfall in September resulted in a twelve-month average rainfall surplus of 9.34-inches. The surplus in August was 4.23 inches. Normal annual rainfall for Volusia County is 53.83 inches.

Forecasts call for above-normal precipitation in October combined with normal temperatures. Normal precipitation in October for DeLand and Daytona Beach is 4.18-inches and 4.21-inches respectively.

El Niño Southern Oscillation (ENSO): La Nina conditions are present and are expected to continue through winter 2020-21. NOAA predicts above normal-temperatures and normal precipitation for Volusia County through December 2020.

Comparing September well levels to August well levels, 35 monitoring wells were up, four were down.

Blue Spring was measured on September 3. The flow was 100.86-million gallons per day (156 CFS), which is 1.29-million gallons per day (2 CFS) higher than the last measurement taken on August 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 148 CFS.

The Keetch Byram Drought Index was 1 on September 30. This is 102 points lower than the level of 103 on August 31 and 323 points lower than the level of 324 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](http://www.volusia.org/water-conservation)

