



Week of 8/10/2026 Operations Update (33)

Weekly Highlight

The mosquito species *Aedes infirmatus* faded in the south of the District but emerged around Town Center this week.

Adult Mosquito Population Monitoring

The total population of adult mosquitoes in the District was like the previous week. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

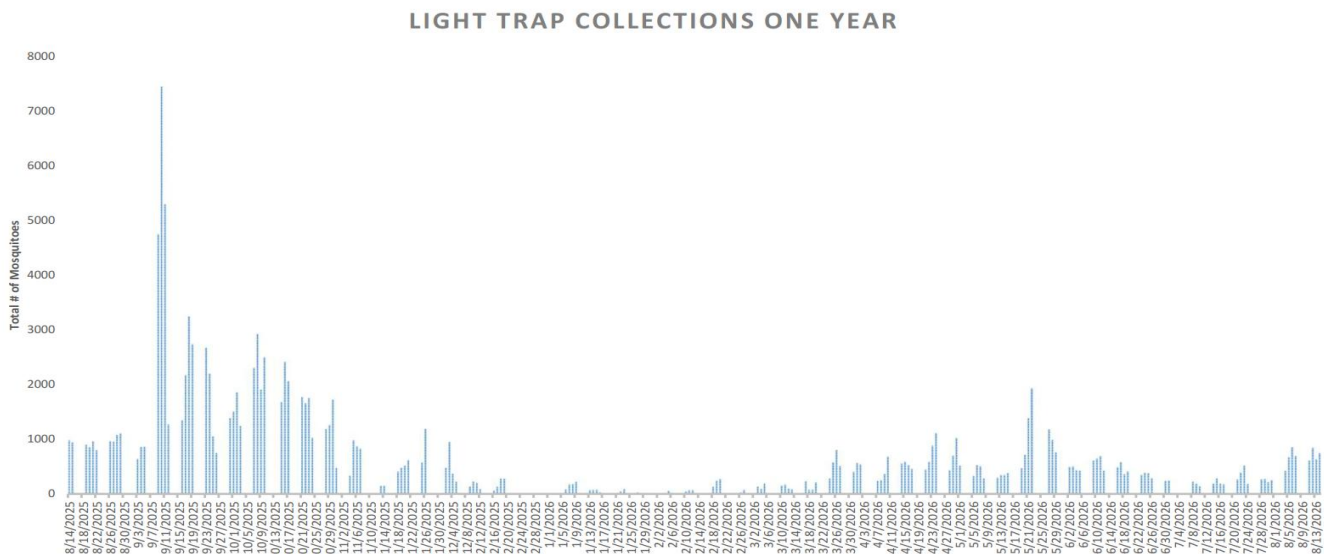


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

Aedes infirmatus population popped up in Town Center but reduced in the south of the District from the week previous. After receiving some rain in the previous weeks, permanent-water species increased to more normal levels.

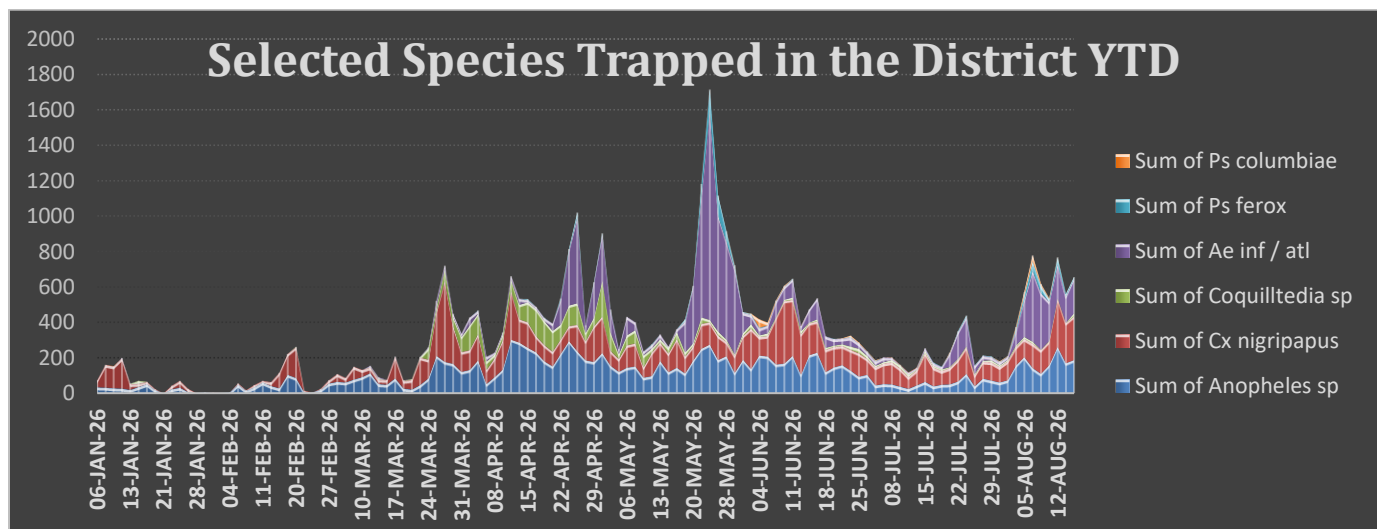


Figure 2: Stacked line-chart showing population by date and species.

The population of floodwater species *Aedes infirmatus* climbed in Town Center this week.

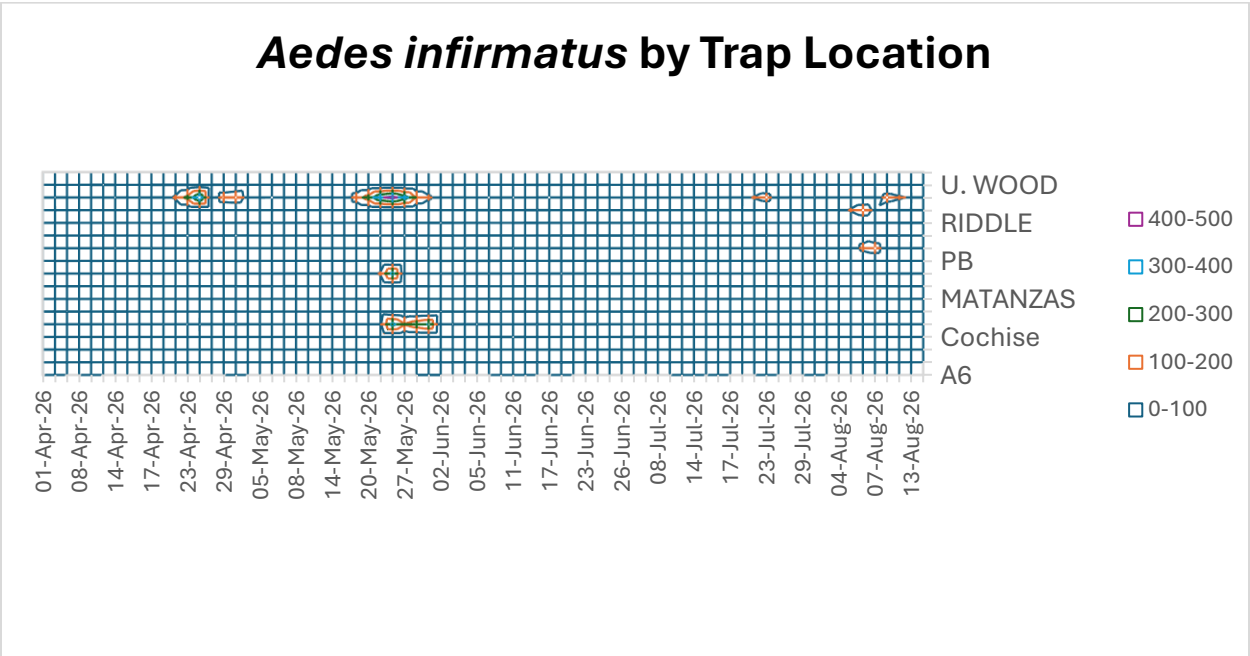


Figure 3: Surface chart of *Aedes infirmatus* population by site and date.

Treatments for Adult Mosquitoes

Spraying this week was limited to Town Center.

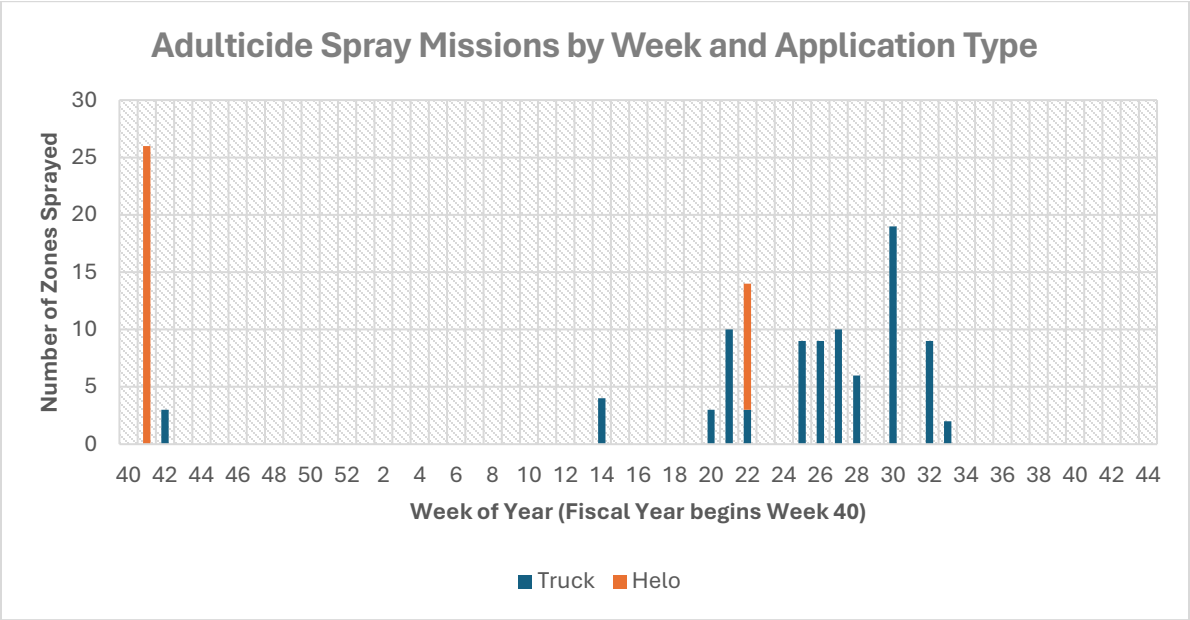


Figure 4: Adulticide spray missions by week and type.

Zones highlighted in yellow were sprayed by truck this week. Rainfall totals for the week by manual rain gauge location in blue text.

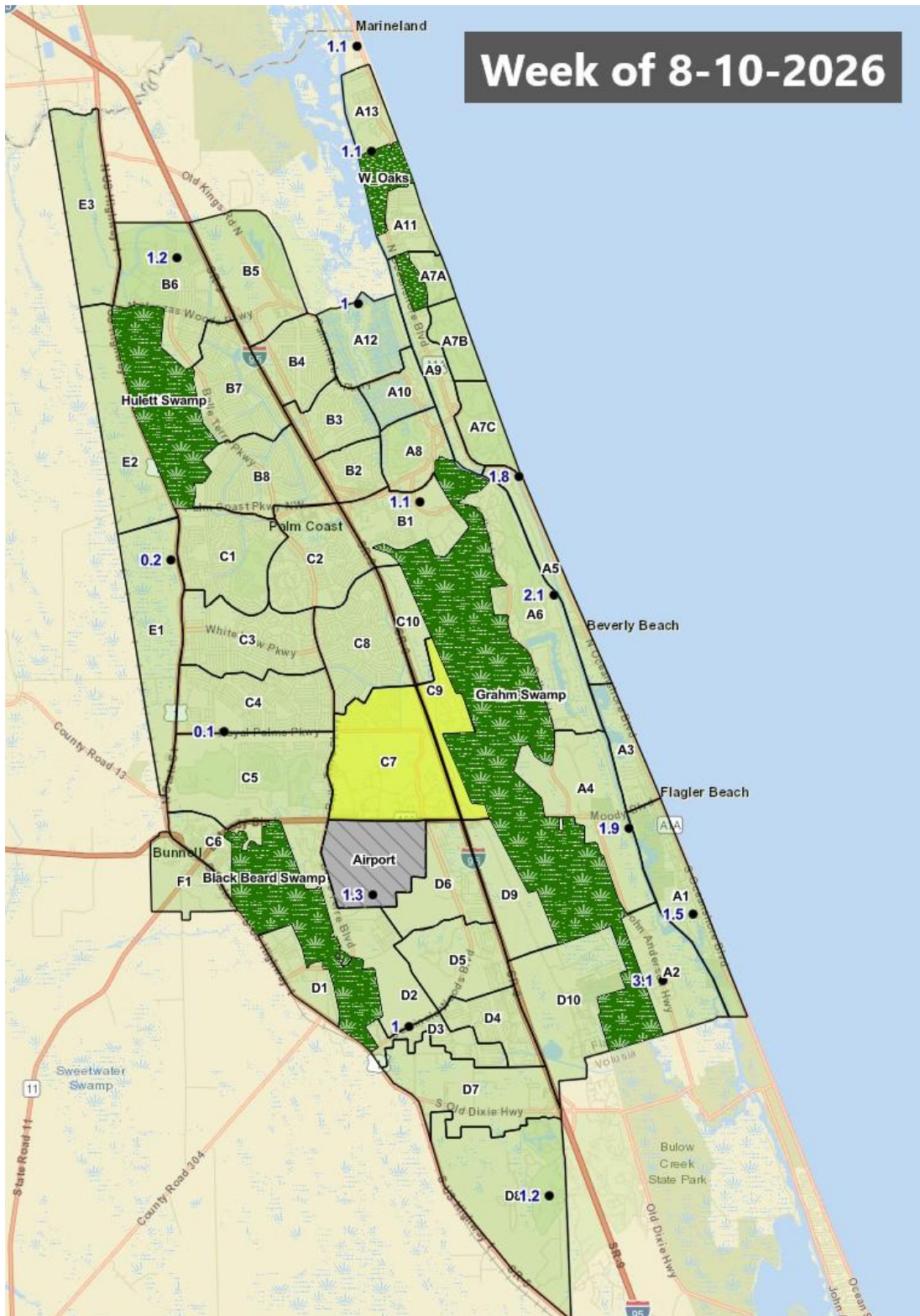


Figure 5: Spray zone map of the District with manual rain gauge totals.

Disease Abundance Statewide

Advisories/Alerts: Alachua, Leon, Palm Beach, and Pasco counties are currently under a mosquito-borne illness advisory. Hillsborough, Miami-Dade, and Pinellas counties are currently under a mosquito-borne illness alert. See the full [DOH Report](#)

2026 Dengue Cases Acquired in Florida: In 2026, 23 cases of locally acquired dengue have been reported in Hillsborough (15), Miami-Dade (4), Palm Beach, and Pinellas (3) with onset in July (14), and August (9).

West Nile Virus Illness Acquired in Florida: In 2026, one human case of WNV illness acquired in Florida has been reported in Alachua County (May). One asymptomatic blood donor has been reported in Leon County (July).

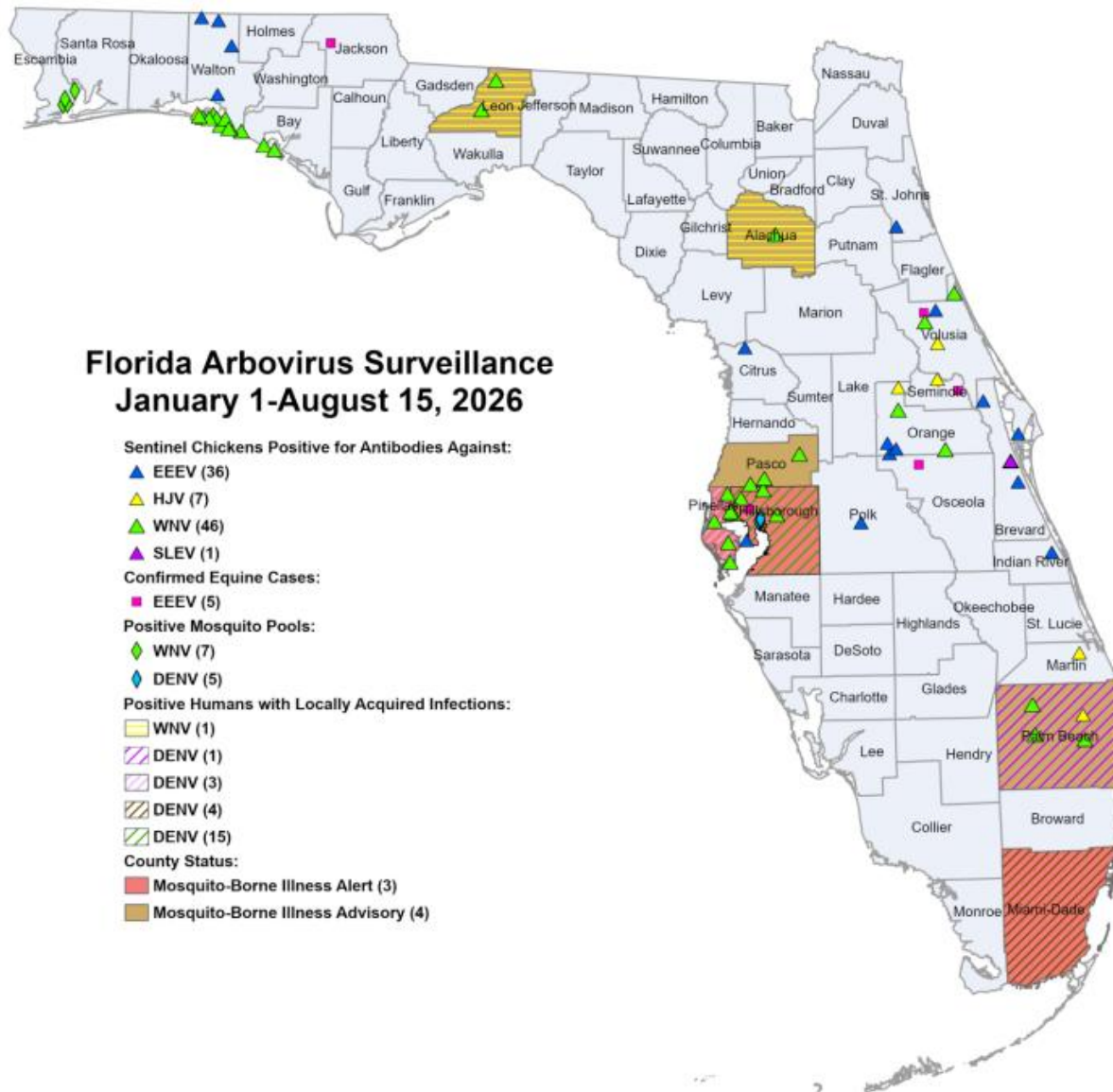


Figure 6: Map produced by the Florida Department of Health. Point locations are randomized within the County.

[Link to FAQs on arbovirus](#)

Environmental Conditions

Rainfall in the District ranged from 0.2" to 3.1" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler>

Weather and environment

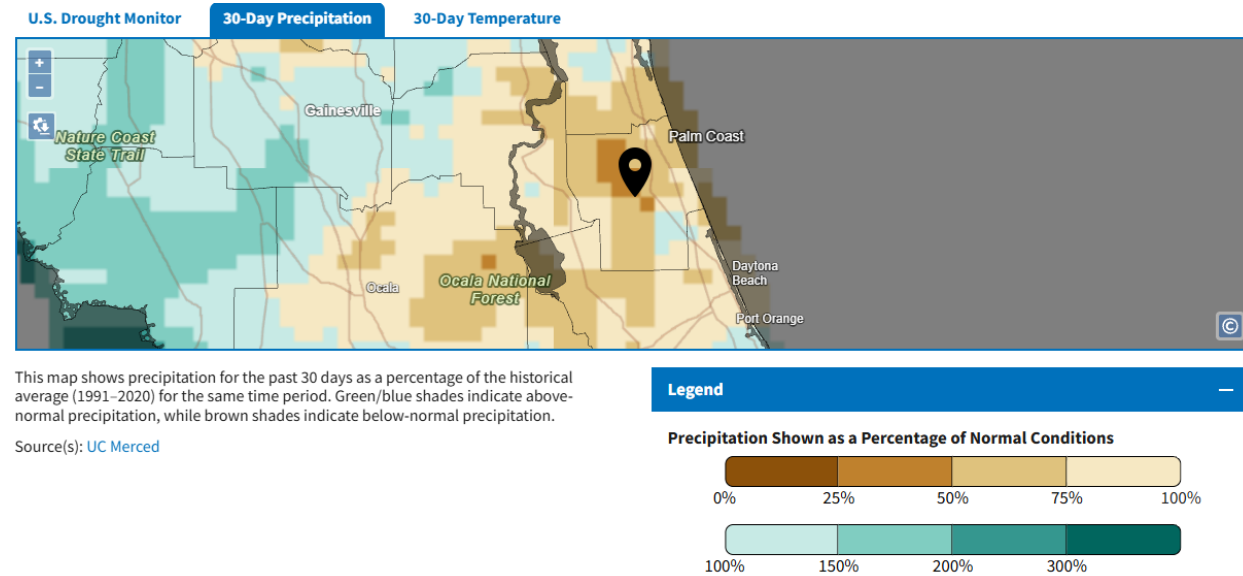


Figure 7: 30-Day Precipitation compared to average valid 8/15/2026 per [NOAA](#)

Precipitation (Total)

— Data Available
- - - No Data Available
Highest County U.S. Drought Monitor Status

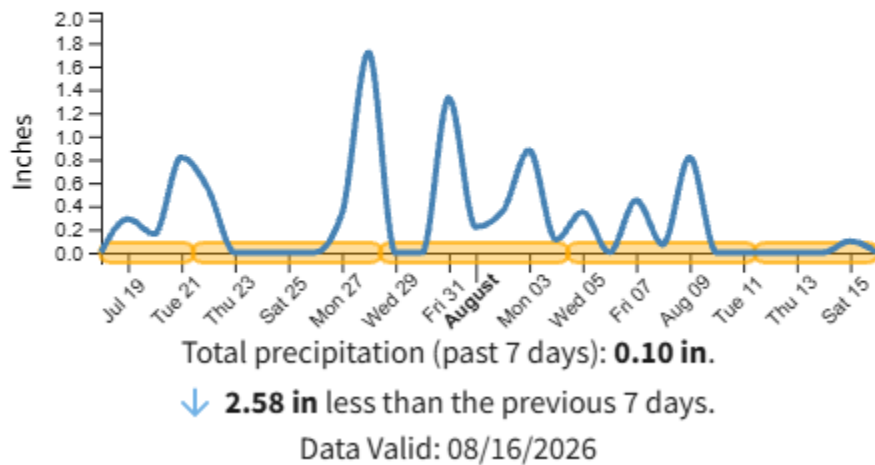


Figure 8: Rainfall in Palm Coast [Drought.gov](#)

Soil Moisture

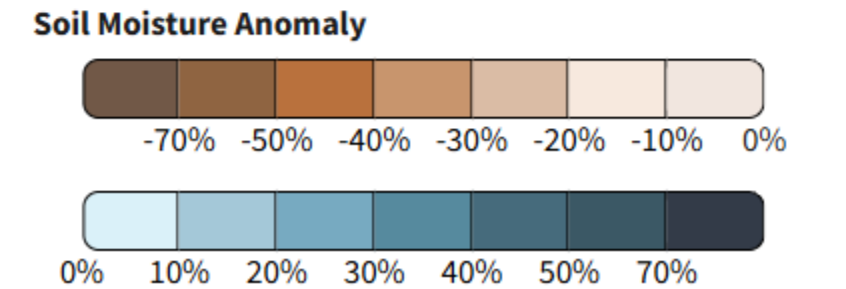
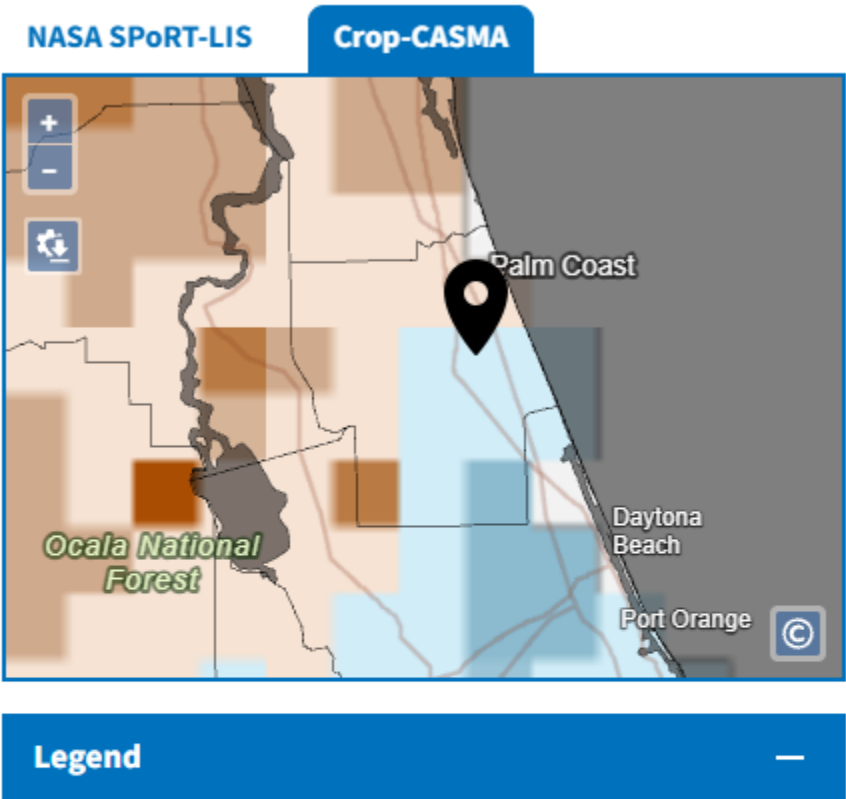


Figure 9: This map shows the moisture content of the top 1 meter of soil, according to NASA's Crop Condition and Soil Moisture Analytics tool (Crop-CASMA). Valid 8/16/2026 [Drought.gov](https://drought.gov)