



Week of 6/29/2026 Operations Update (27)

Light Trap Collections:

The mosquito population remained low for a fifth consecutive week. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

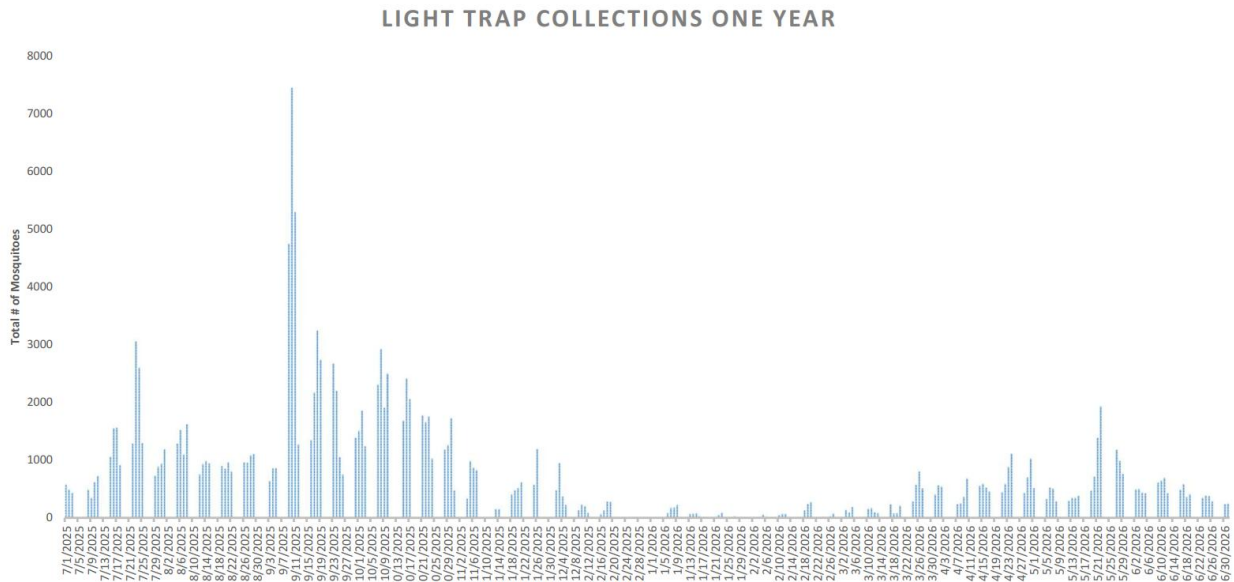


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

Mosquito activity on the border of the District was again high and is better shown in the following chart with western sentinel trap data highlighted.

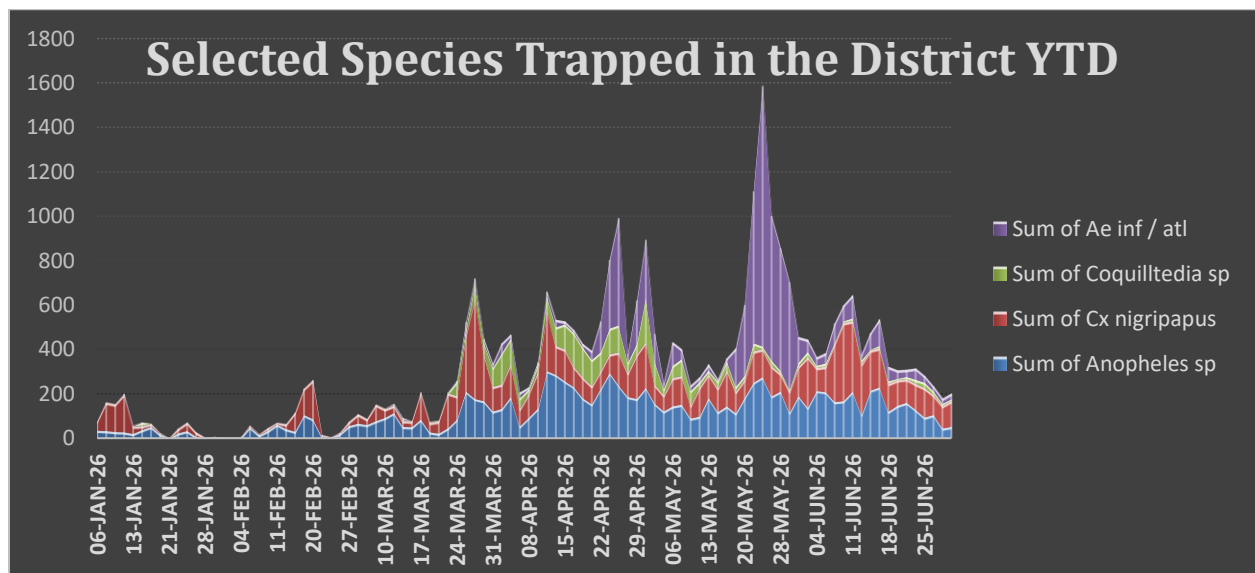


Figure 2: Stacked line-chart showing population by date and species.

The single sentinel trap on the western border of the District is shown with a line below compared to the remaining traps that are in the District.

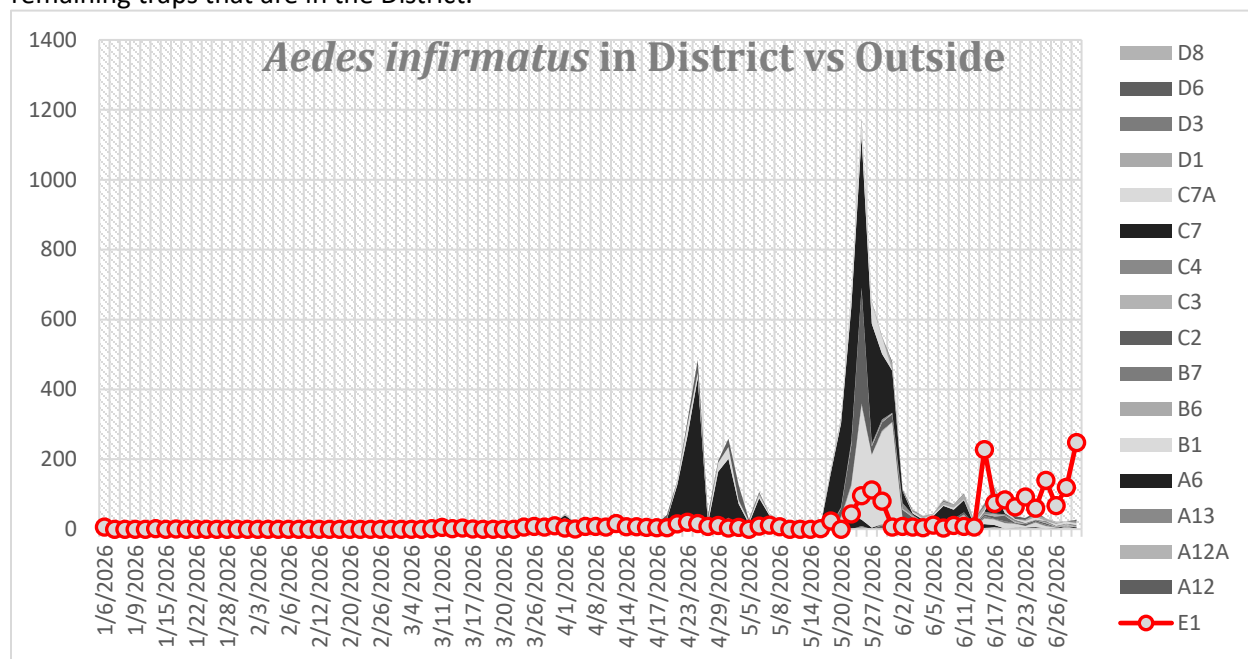


Figure 3: Stacked line-chart showing *Aedes infirmatus* by date and site.

Weather:

Rainfall in the District ranged from 0.1" to 1.7" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler>

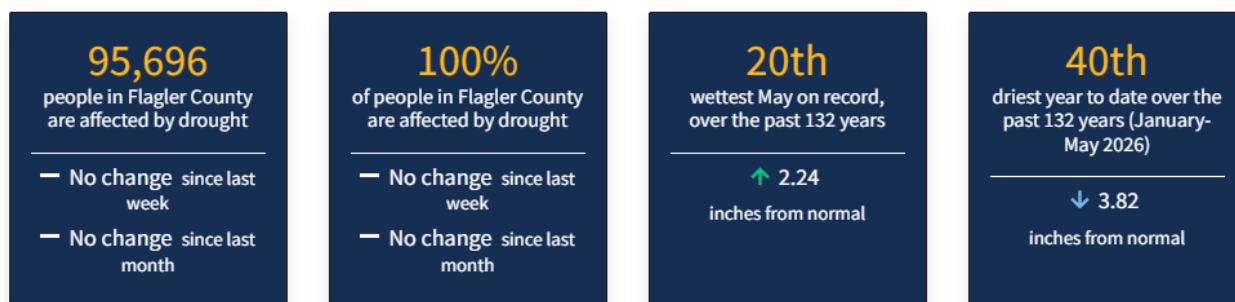


Figure 4: Drought number in Flagler County per [NOAA](https://www.drought.gov/states/florida/county/flagler)

Conditions for 32164-0008, Palm Coast, FL, USA **improved from Severe Drought (D2) to Moderate Drought (D1)**, according to this week's U.S. Drought Monitor.

Palm Coast has been in drought for the past 24 week(s), since December 23, 2025.

The Climate Prediction Center's June Drought Outlook, released on May 31, 2026, predicted that **drought conditions would remain but improve in June.**

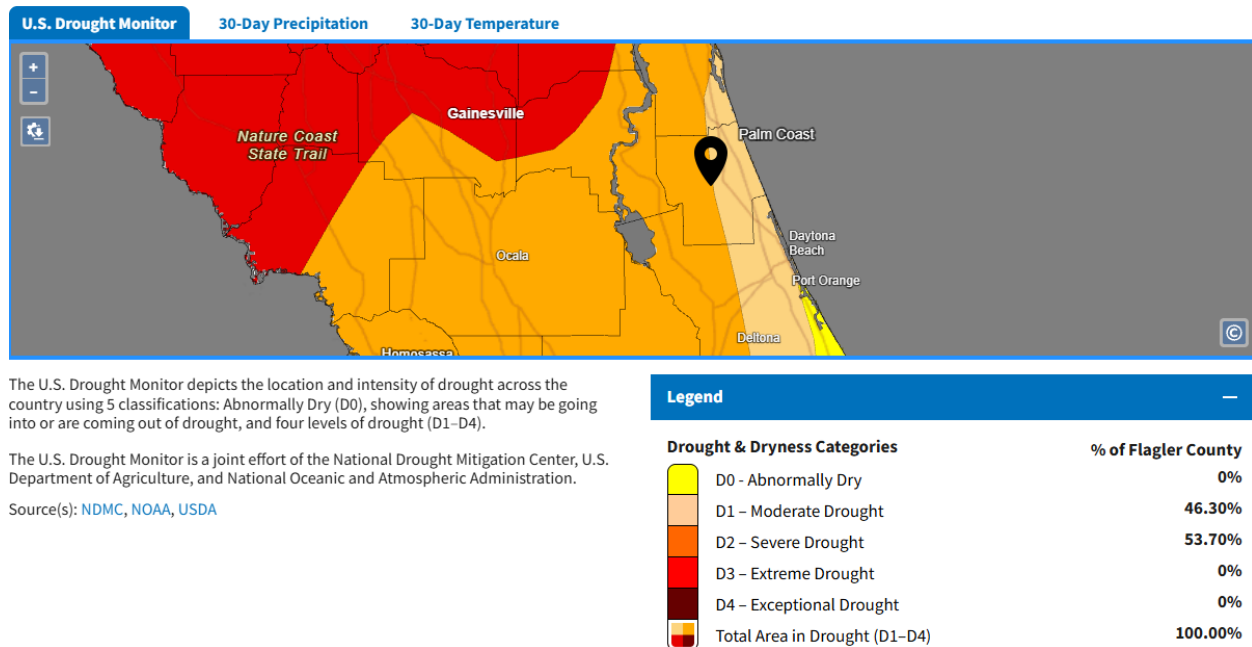


Figure 5: Drought Monitor map per [NOAA](#)

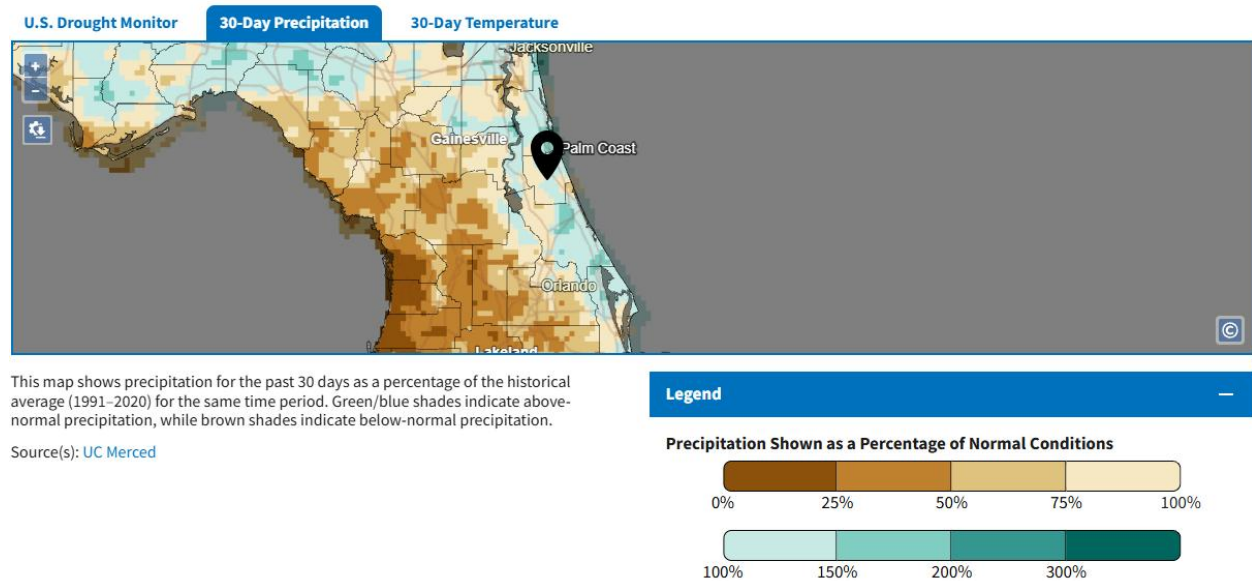


Figure 6: 30-Day Precipitation compared to average per [NOAA](#)

Treatments:

Spray missions were focused on the North and West (again) of the District this week (27). Third consecutive week of spraying.

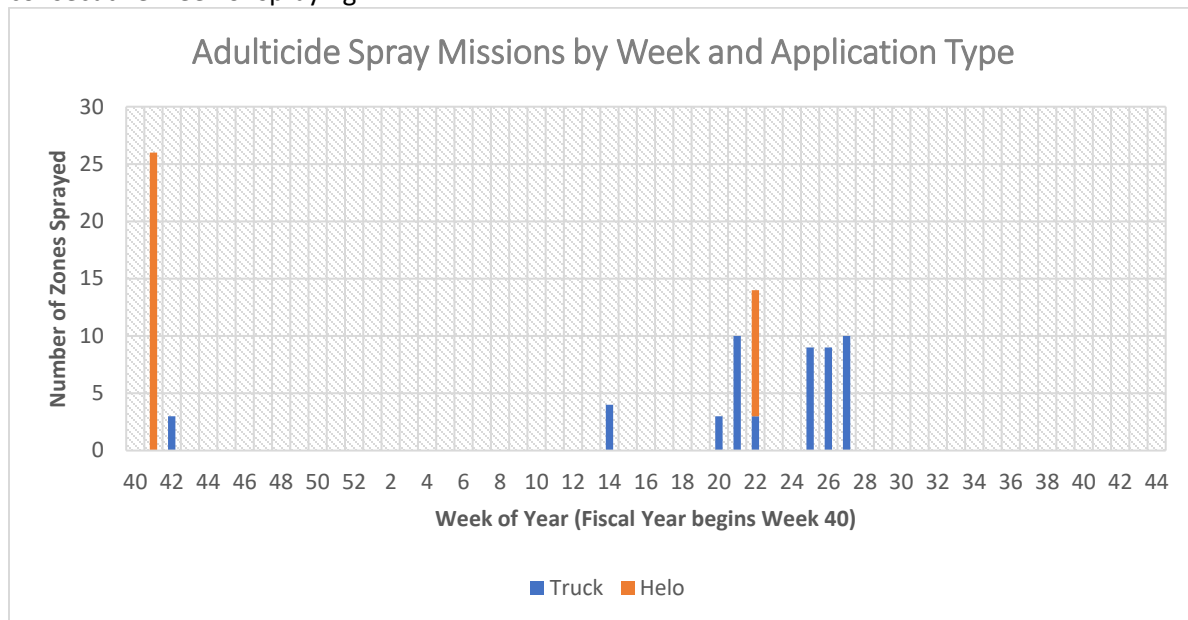


Figure 7: Adulticide spray missions by week and type.

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

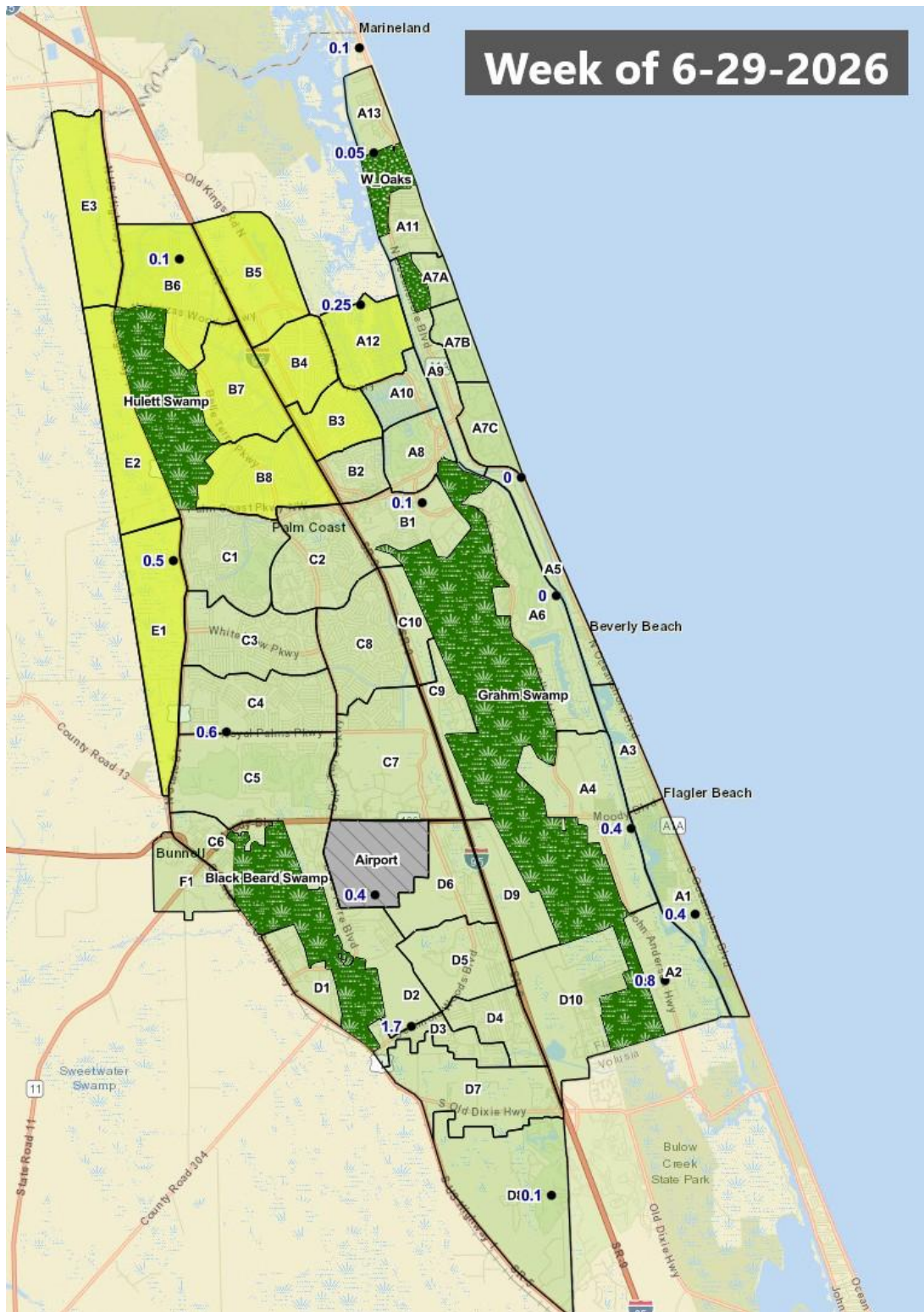


Figure 8: Spray zone map of the District with manual rain gauge totals.

Advisories and Alerts:

Advisories/Alerts: Alachua County is currently under a mosquito-borne illness advisory. Miami-Dade County is currently under a mosquito-borne illness alert. See the full [DOH Report](#)

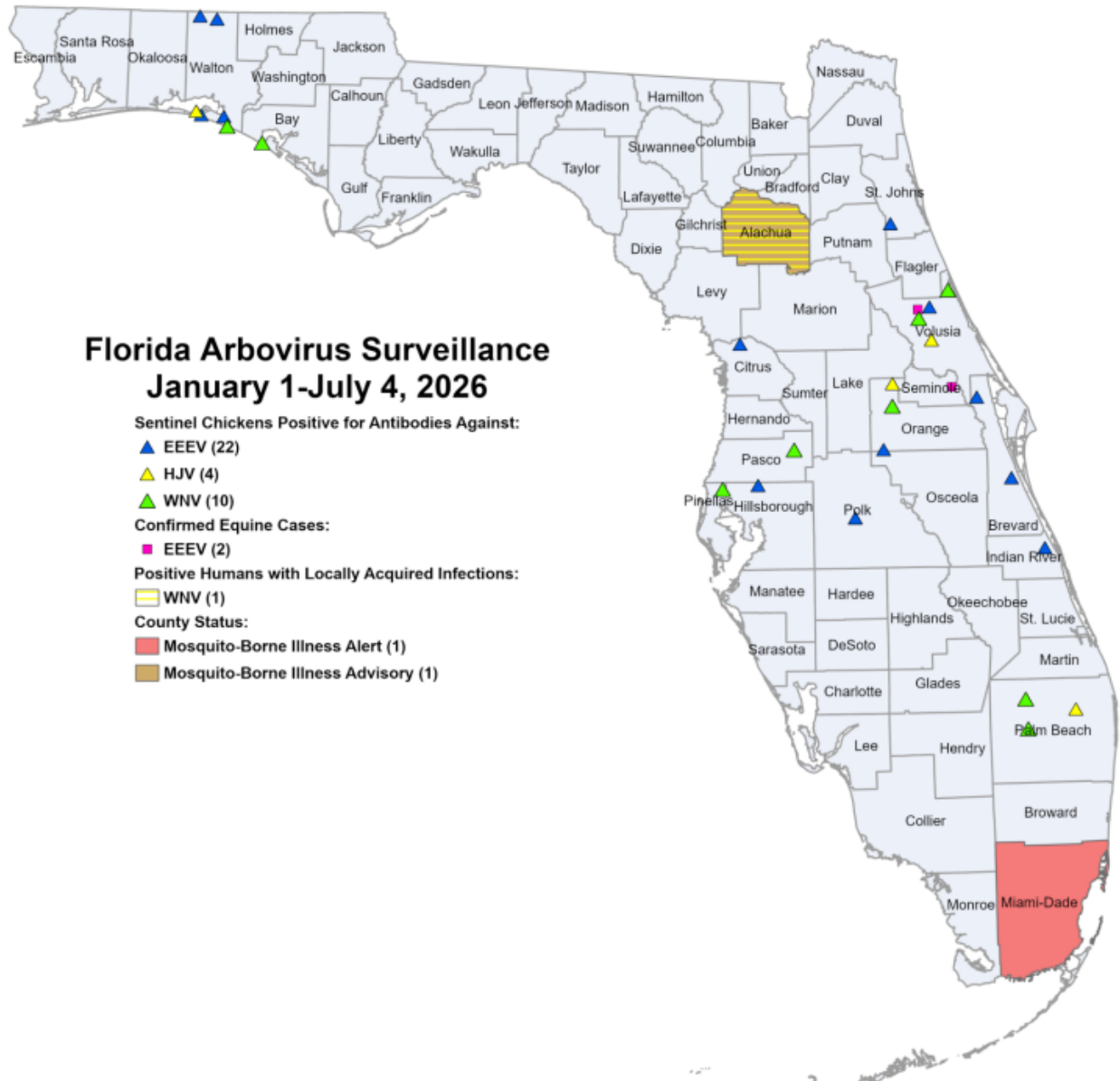


Figure 9: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus](#)