



Week of 8/3/2026 Operations Update (32)

Light Trap Collections:

The mosquito species *Aedes infirmatus* emerged in the south of the District this week. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

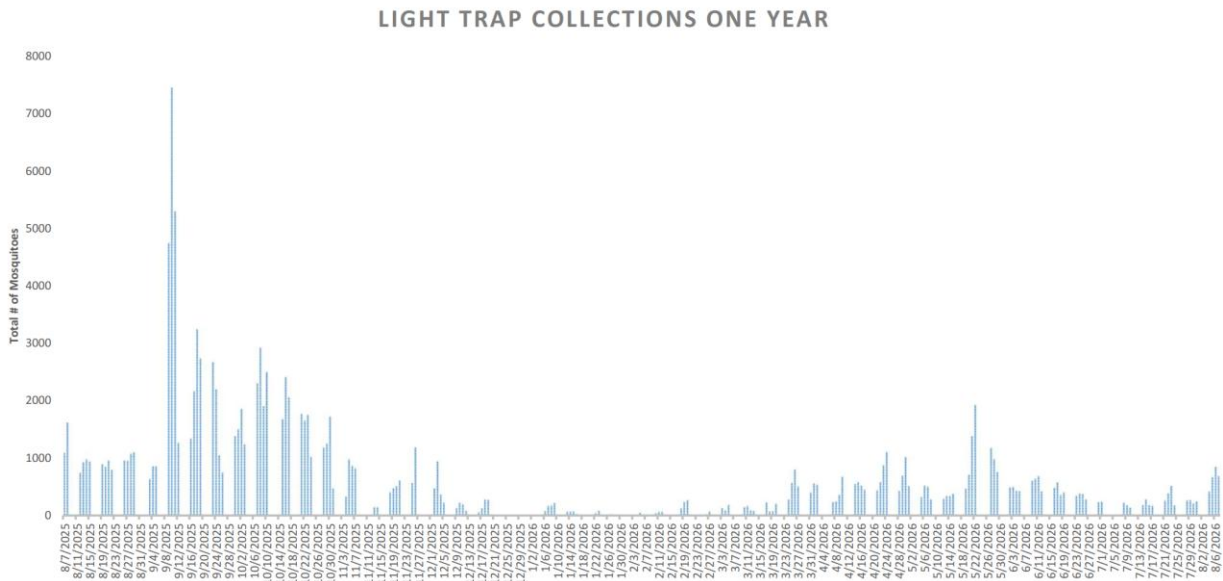


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

Aedes infirmatus population surged this week in a couple locations in the south of the District.

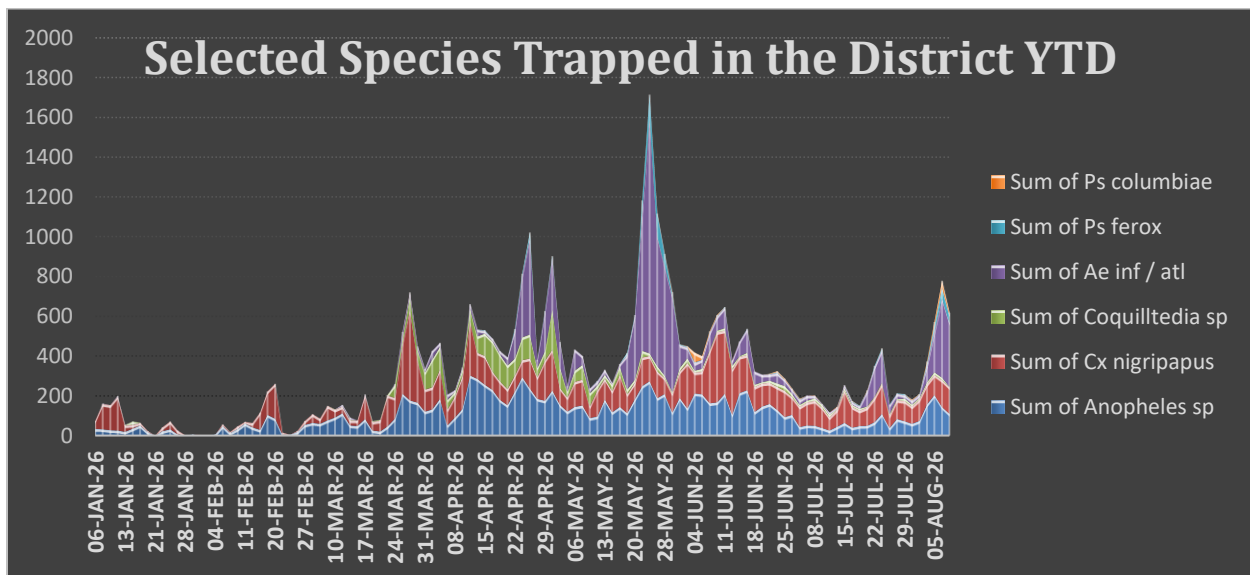


Figure 2: Stacked line-chart showing population by date and species.

The floodwater species *Aedes infirmatus* were prevalent in two locations in the south of the District.

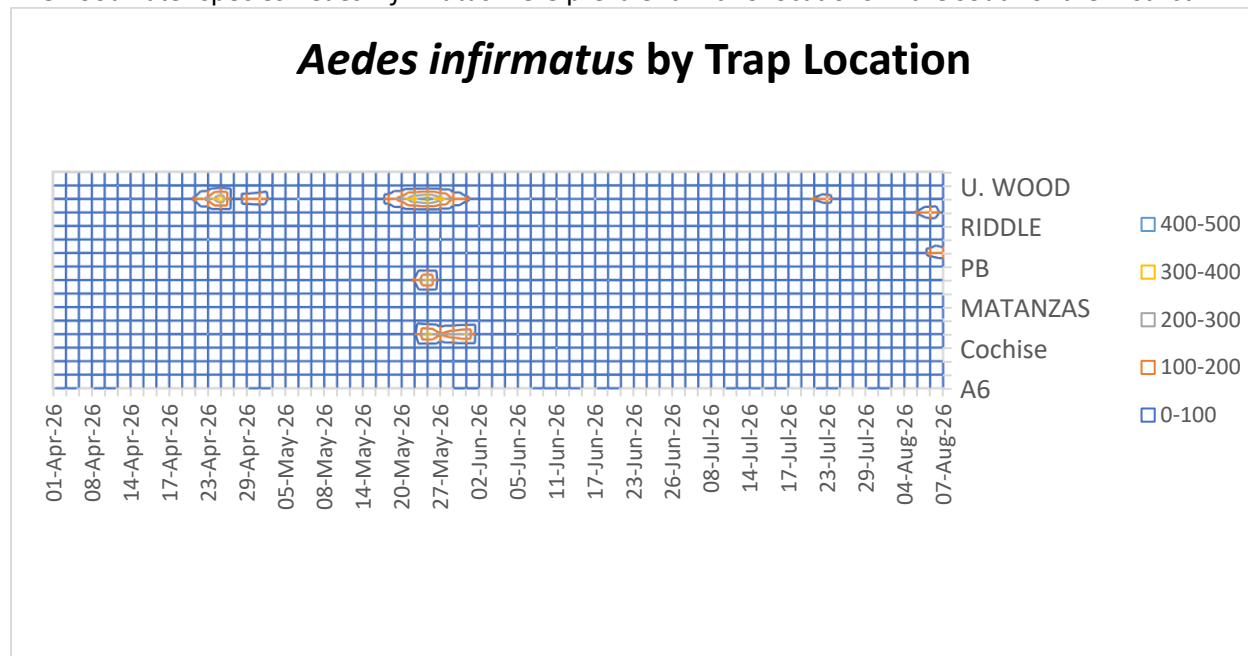


Figure 3: Surface chart of *Aedes infirmatus* population by site and date.

Weather:

Rainfall in the District ranged from 0.4" to 2.7" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler>

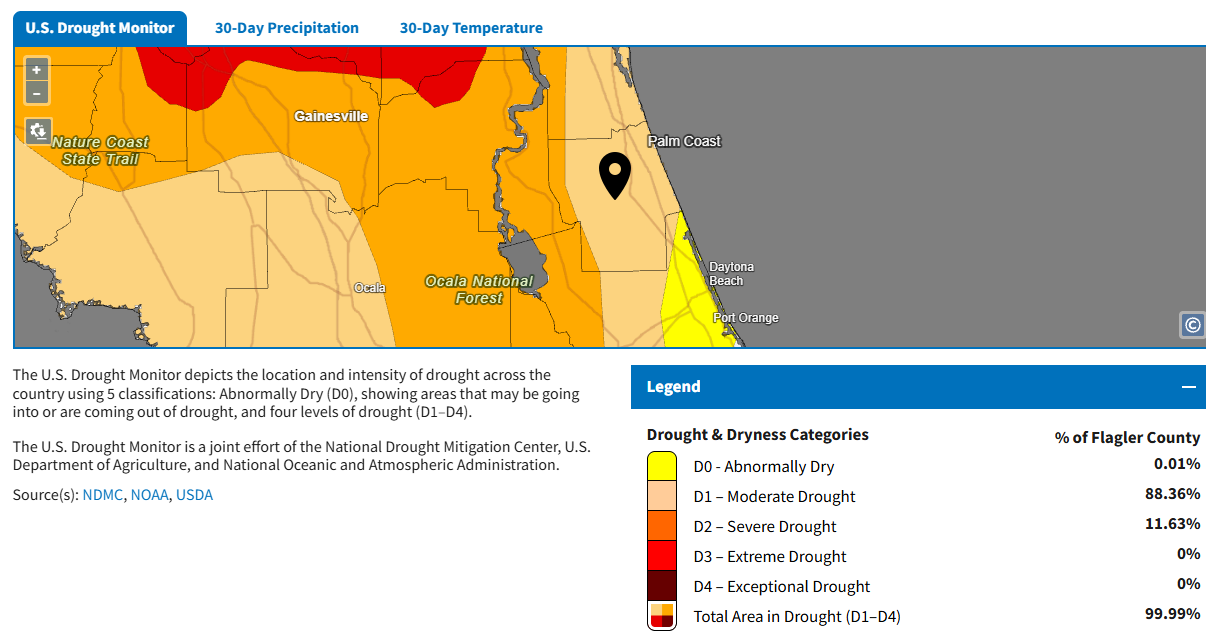


Figure 4: Drought Monitor map valid 8/4/2026 per NOAA

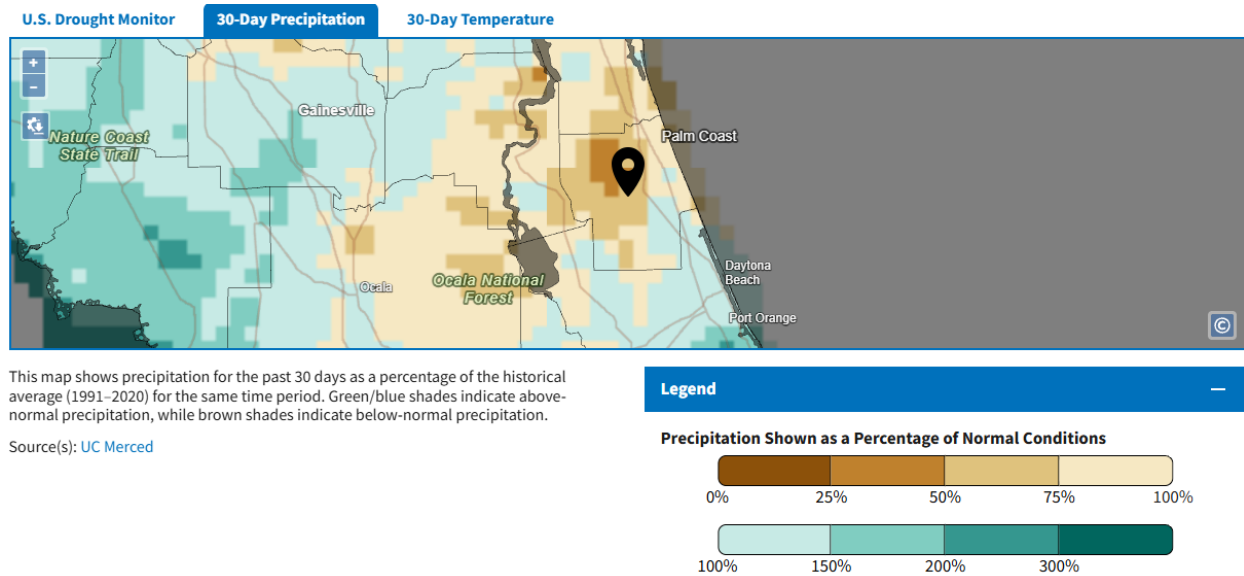


Figure 5: 30-Day Precipitation compared to average valid 8/6/2026 per [NOAA](#)

Treatments:

Spraying this week was in southern zones.

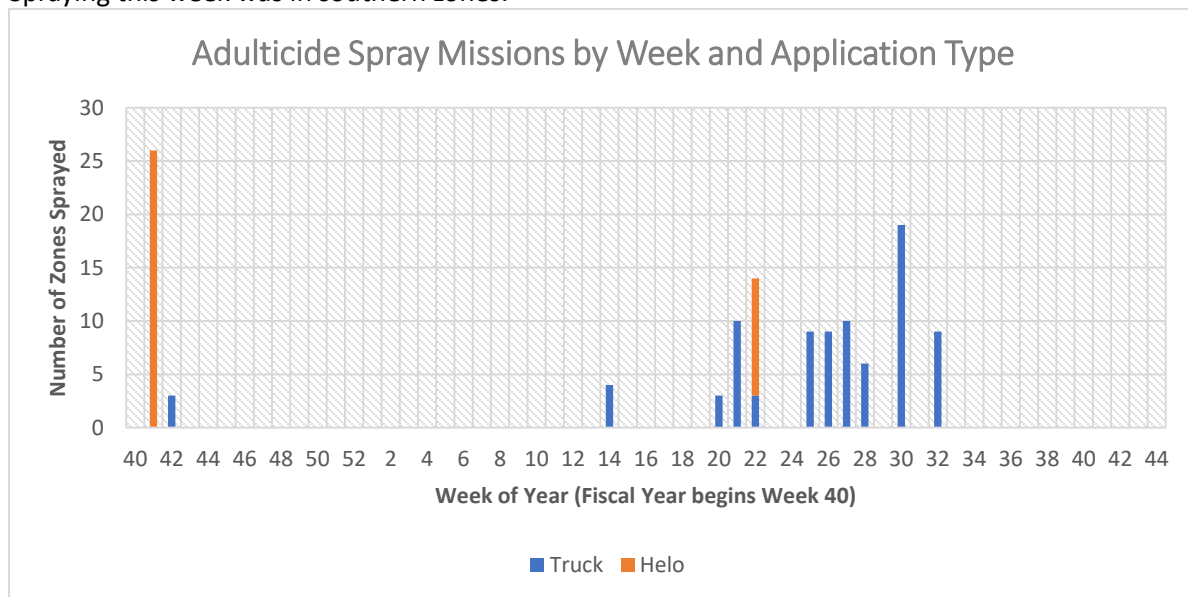


Figure 6: Adulticide spray missions by week and type.

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

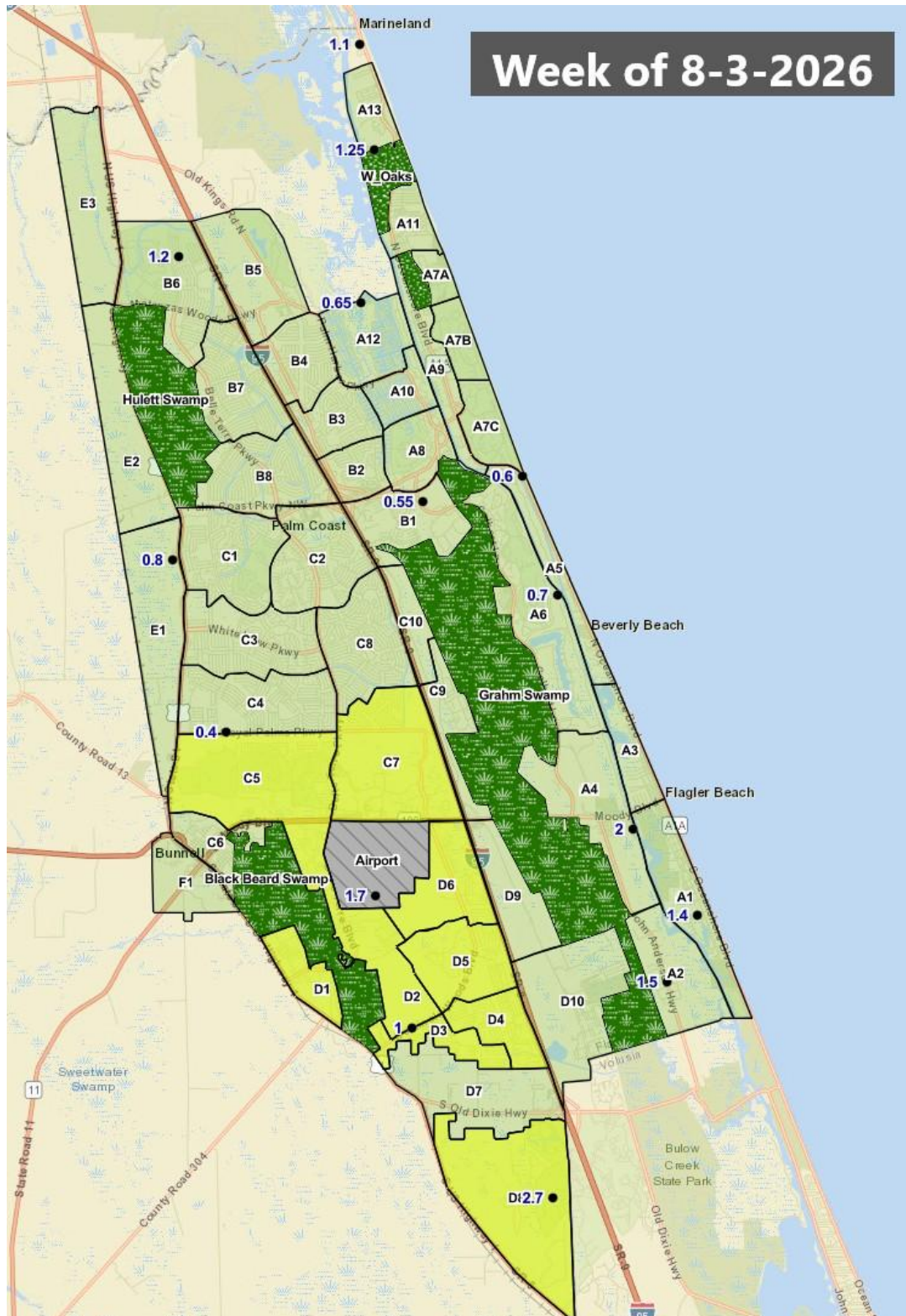


Figure 7: Spray zone map of the District with manual rain gauge totals.

Advisories and Alerts:

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

2026 Dengue Cases Acquired in Florida: In 2026, seven cases of locally acquired dengue have been reported in Hillsborough (5), Miami-Dade, and Palm Beach counties with onset in July (7).

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).

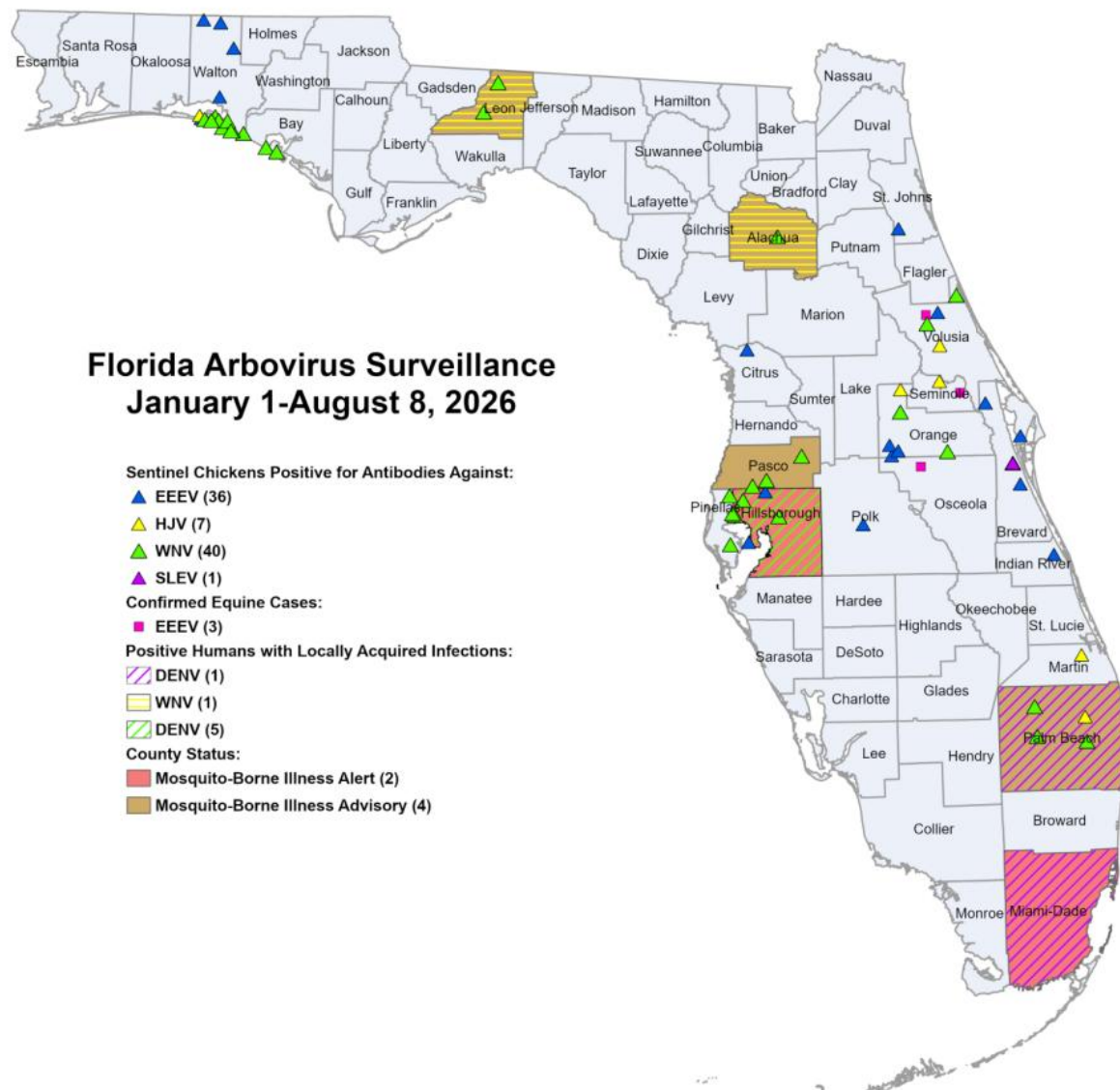


Figure 8: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus](#)