



Week of 5/25/2026 Operations Update (22)

Light Trap Collections:

The mosquito population trended down this week following spray missions. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

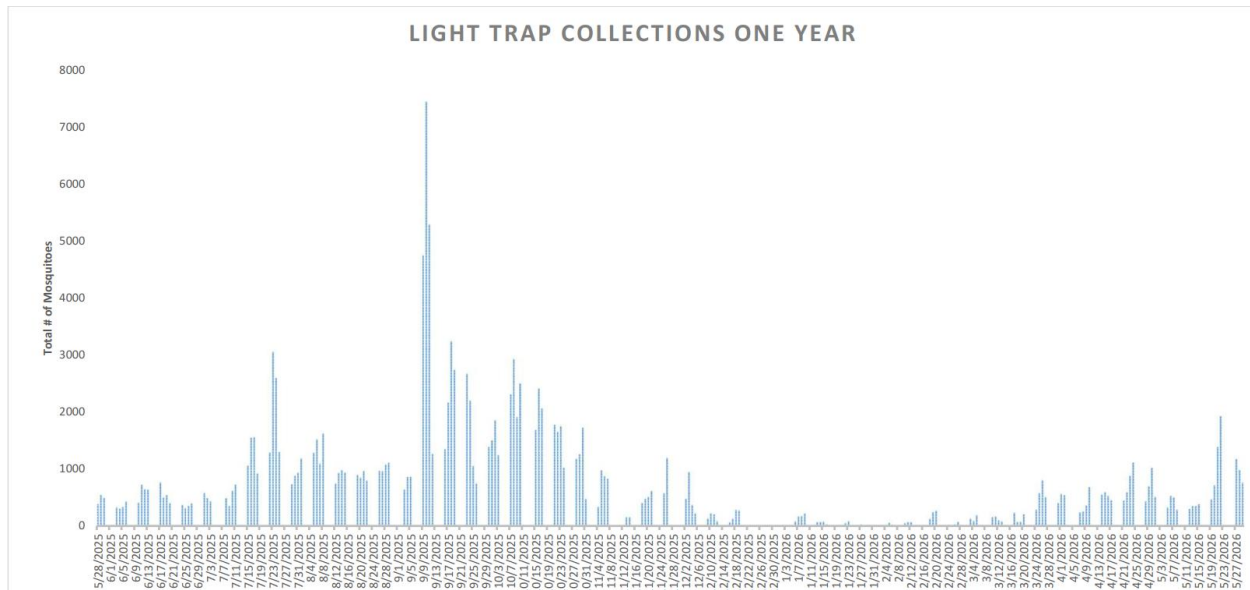


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

Last week the population spiked at the end of the week. Spraying this week significantly reduced numbers and final results will be evident in next week's trap totals due to the timing of final applications.

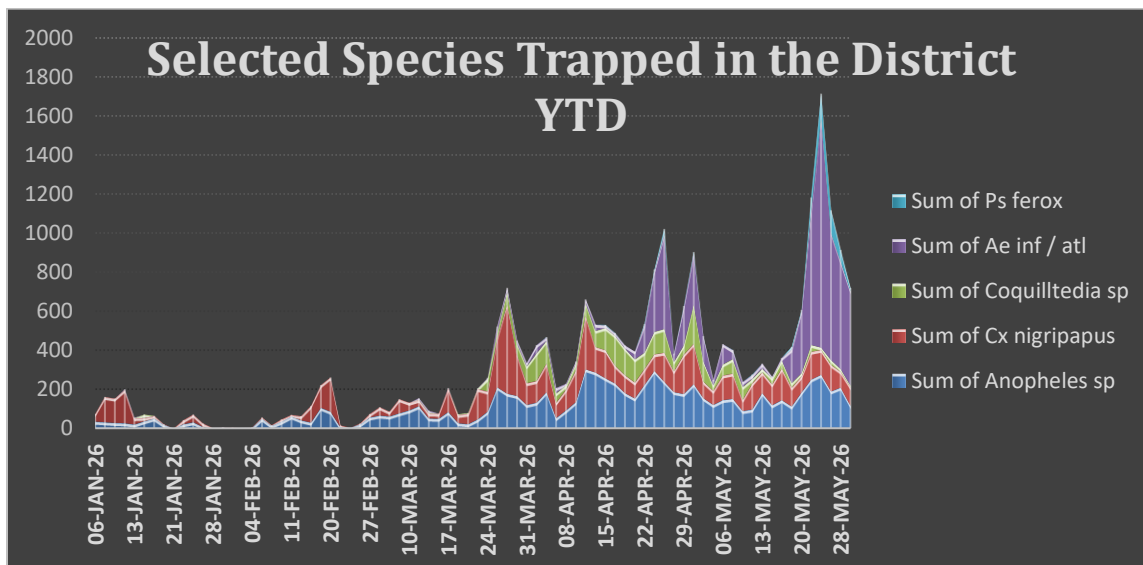


Figure 2: Stacked line-chart showing population by date and species

Weather:

Rainfall in the District ranged from 1.7" to 4.9" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler> The percentage of Flagler County that is in severe drought (D2) increased to 43.18% from 41.95% and extreme drought (D3) decreased to 56.82% from 58.05%.

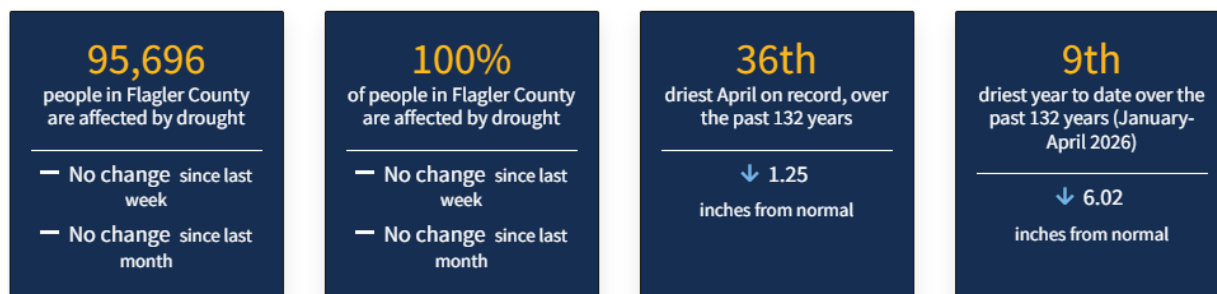


Figure 3: Drought Statistics for Flagler County per [NOAA](#)

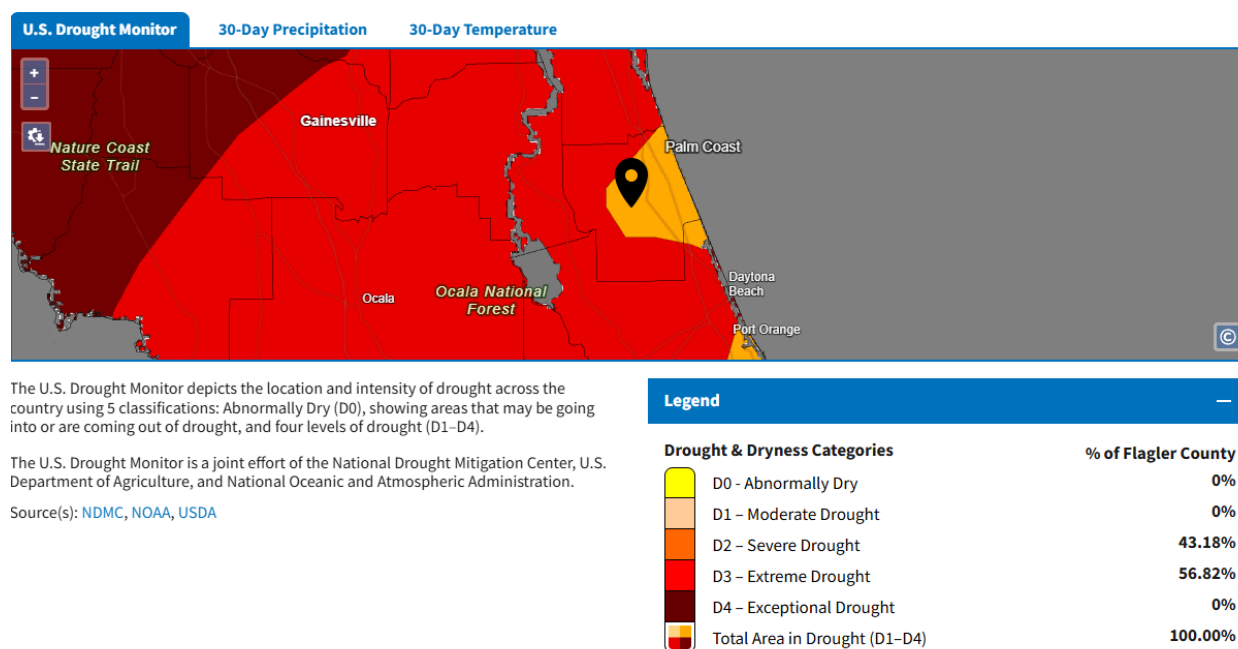


Figure 4: US Drought Monitor Graphic for Flagler County per [NOAA](#).

Additional rainfall this week reduced the drought intensity with some areas up to 200% above normal rain conditions.

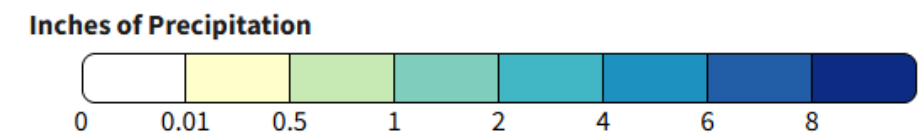
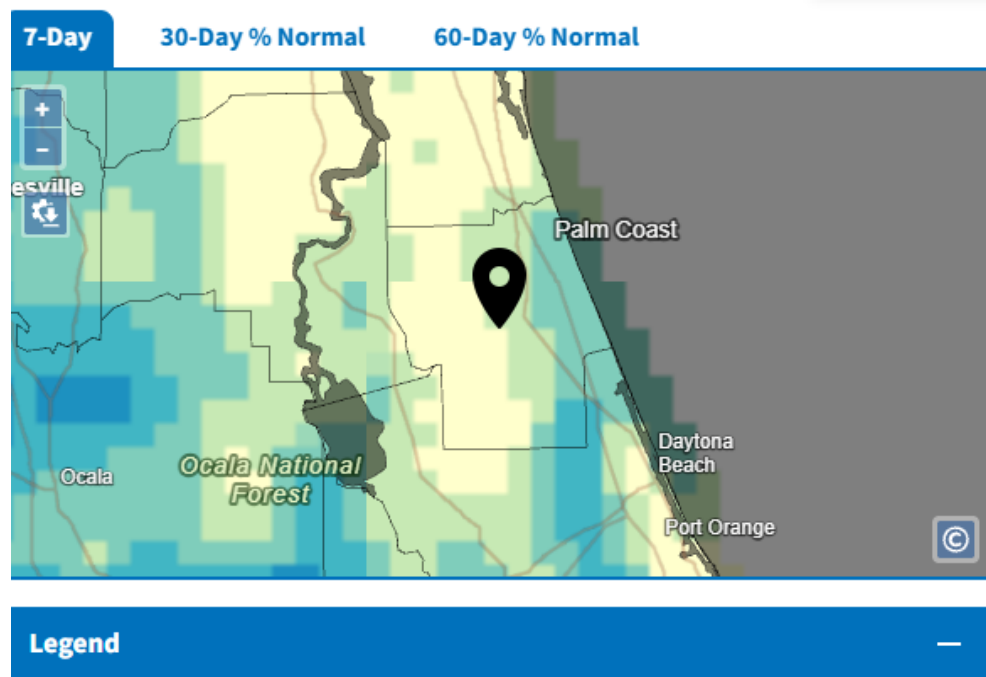
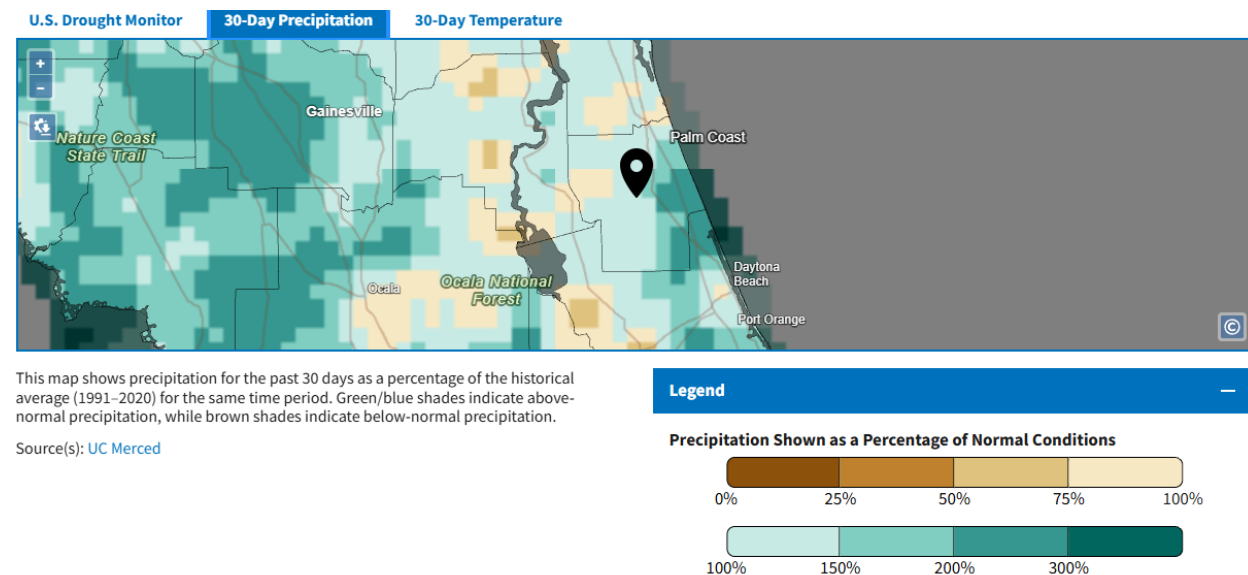


Figure 5: 7-day precipitation totals per [NOAA](#)



This map shows precipitation for the past 30 days as a percentage of the historical average (1991–2020) for the same time period. Green/blue shades indicate above-normal precipitation, while brown shades indicate below-normal precipitation.

Source(s): [UC Merced](#)

Figure 6: 30-day precipitation ranged from 100% to 200% above normal in the District.

Treatments:

Spraying this week was limited to intermittently flooded mosquito breeding sites (22).

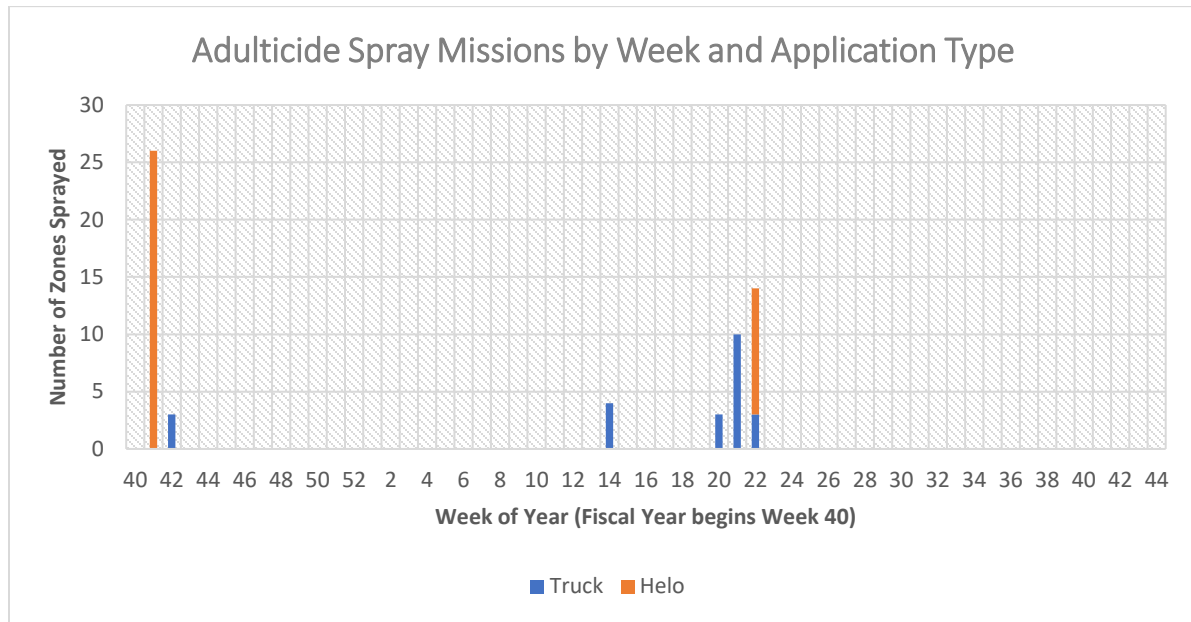
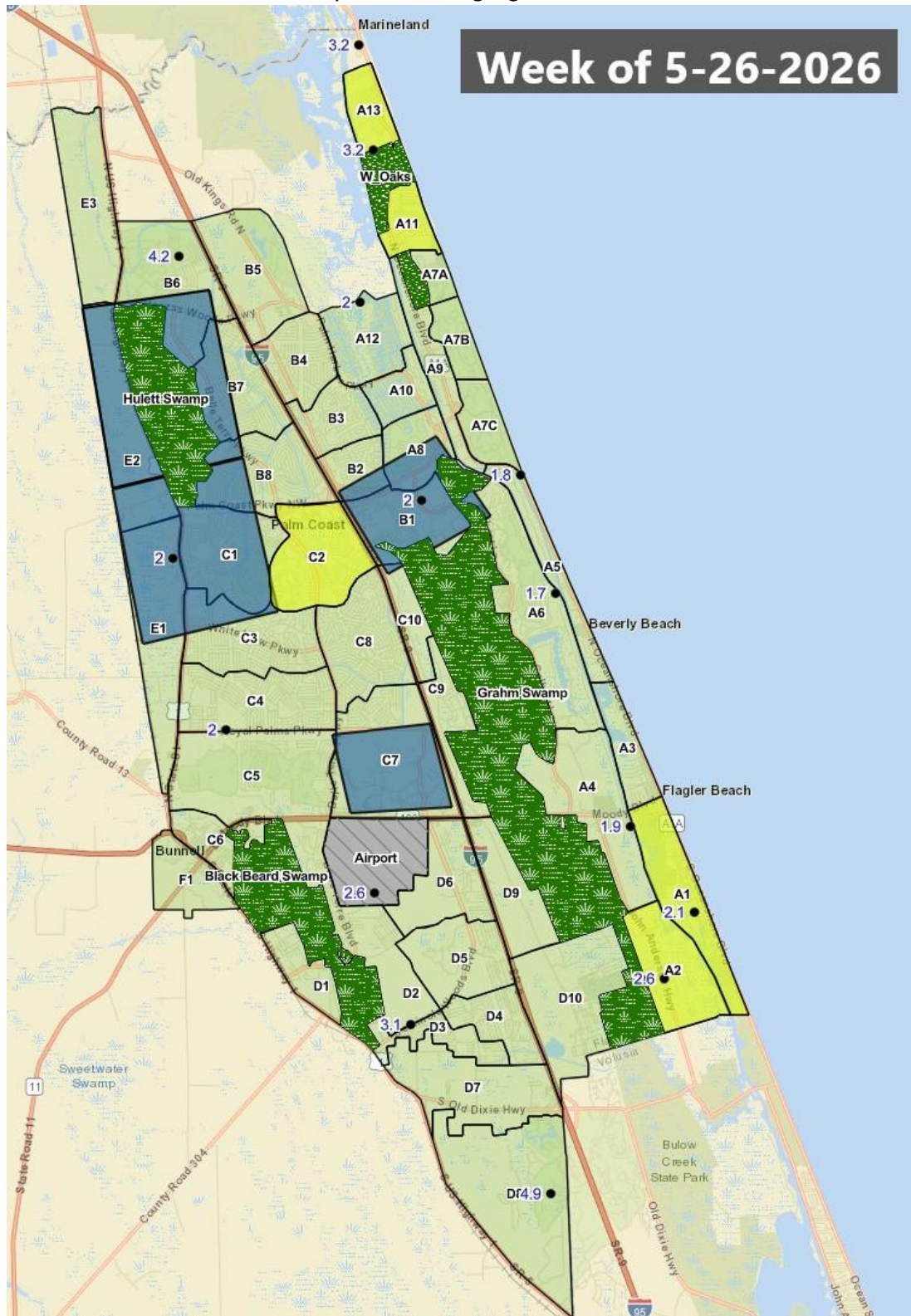


Figure 7: Adulticide spray missions by week and type.

Figure 8: Spray zone map of the District.



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

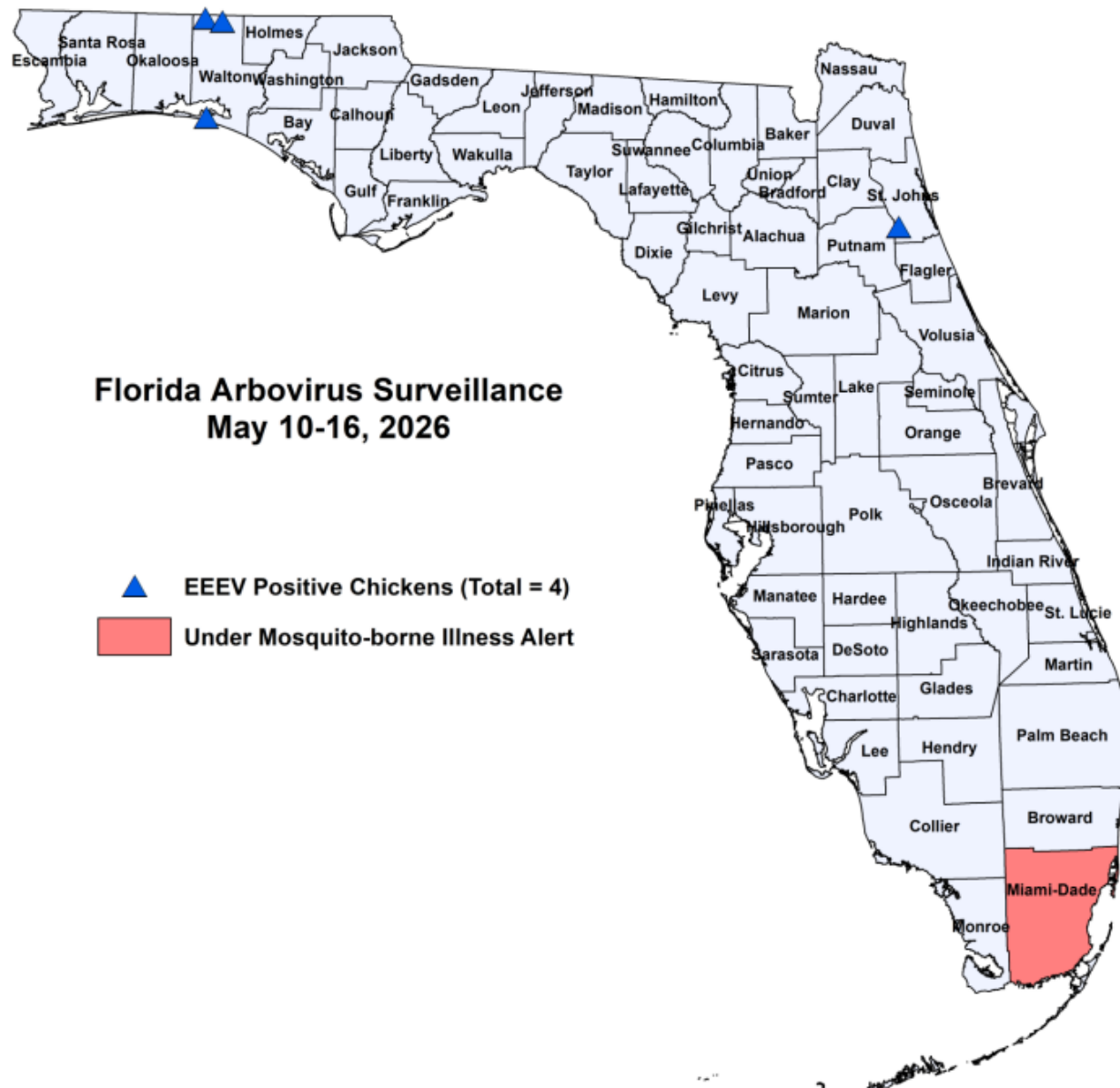


Figure 9: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus](#)