



Week of 6/8/2026 Operations Update (24)

Light Trap Collections:

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

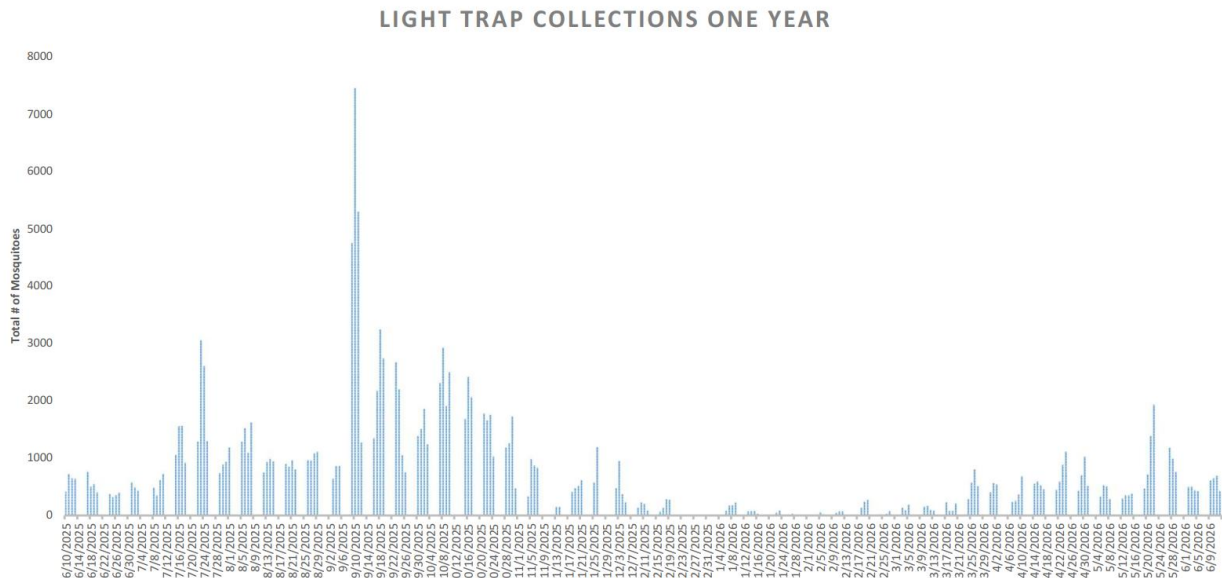


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

A slight increase in the population of *Culex nigripalpus* this week, but still below baseline levels.

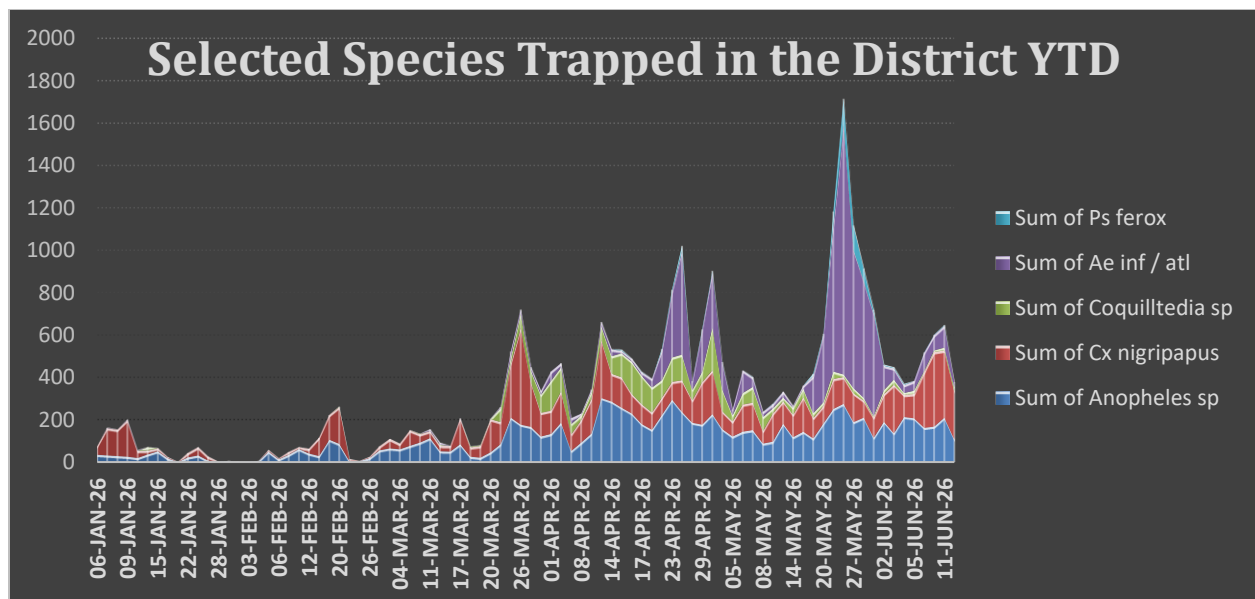


Figure 2: Stacked line-chart showing population by date and species.

Weather:

Rainfall in the District ranged from 0.0" to 0.3" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler>

The North American Multi-Model Ensemble (NMME) average forecasts El Niño to intensify into the Northern Hemisphere winter 2026-27. High confidence in El Niño is also linked to anomalously high oceanic heat content and expanding westerly wind anomalies across the equatorial Pacific Ocean. There is a 63% chance of a very strong El Niño during November-January that would rank among the largest El Niño events in the historical record going back to 1950. Even very strong El Niño events do not lead to the expected impact everywhere, but stronger events can more significantly tilt the odds in favor of expected outcomes. In summary, El Niño conditions are present and expected to strengthen into the Northern Hemisphere winter 2026-27.

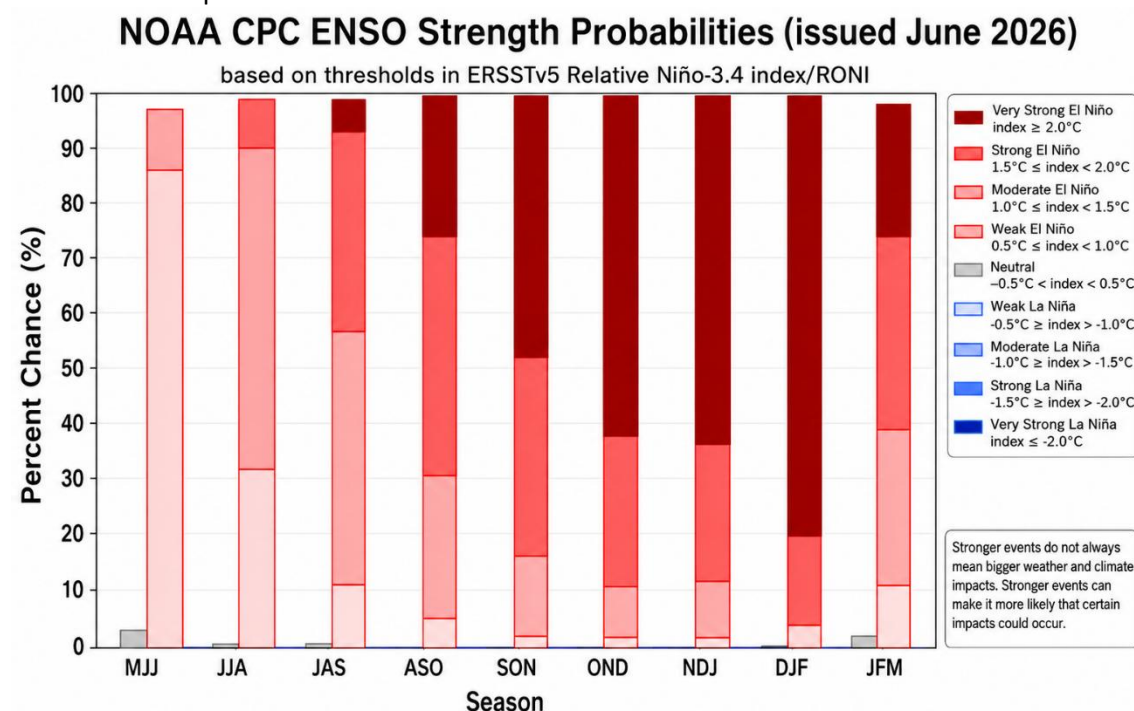


Figure 3: ENSO strength prediction per [NOAA](#)

Treatments:

No spraying this week (24).

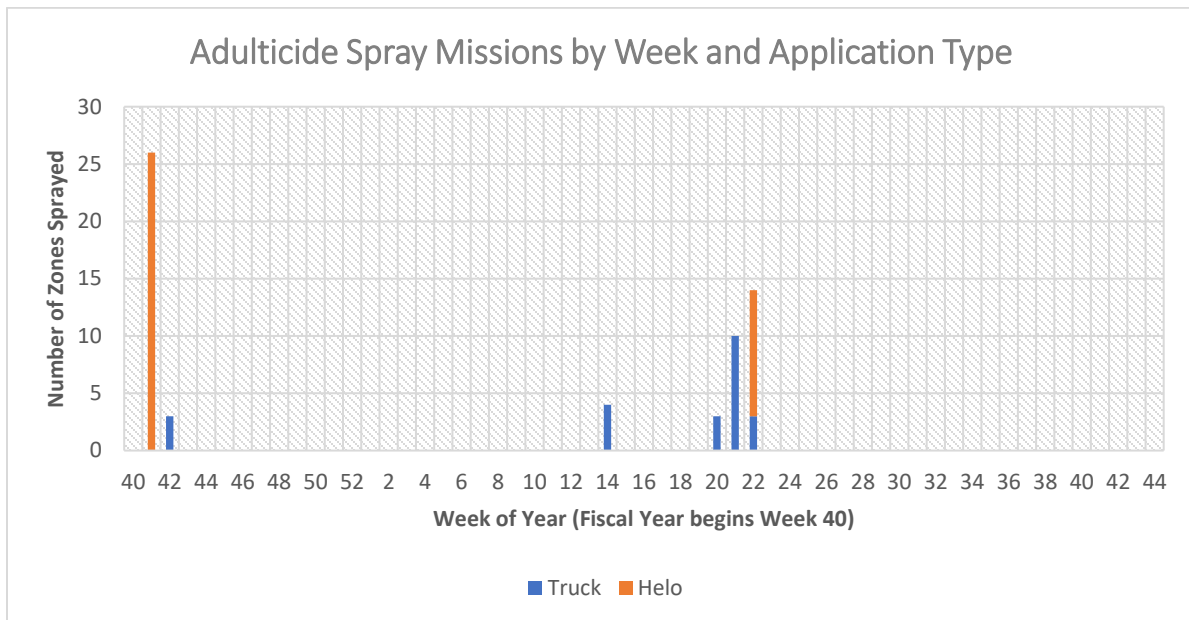


Figure 4: Adulticide spray missions by week and type.

No adulticide missions this week. Rainfall totals for the week by manual rain gauge location in blue text.

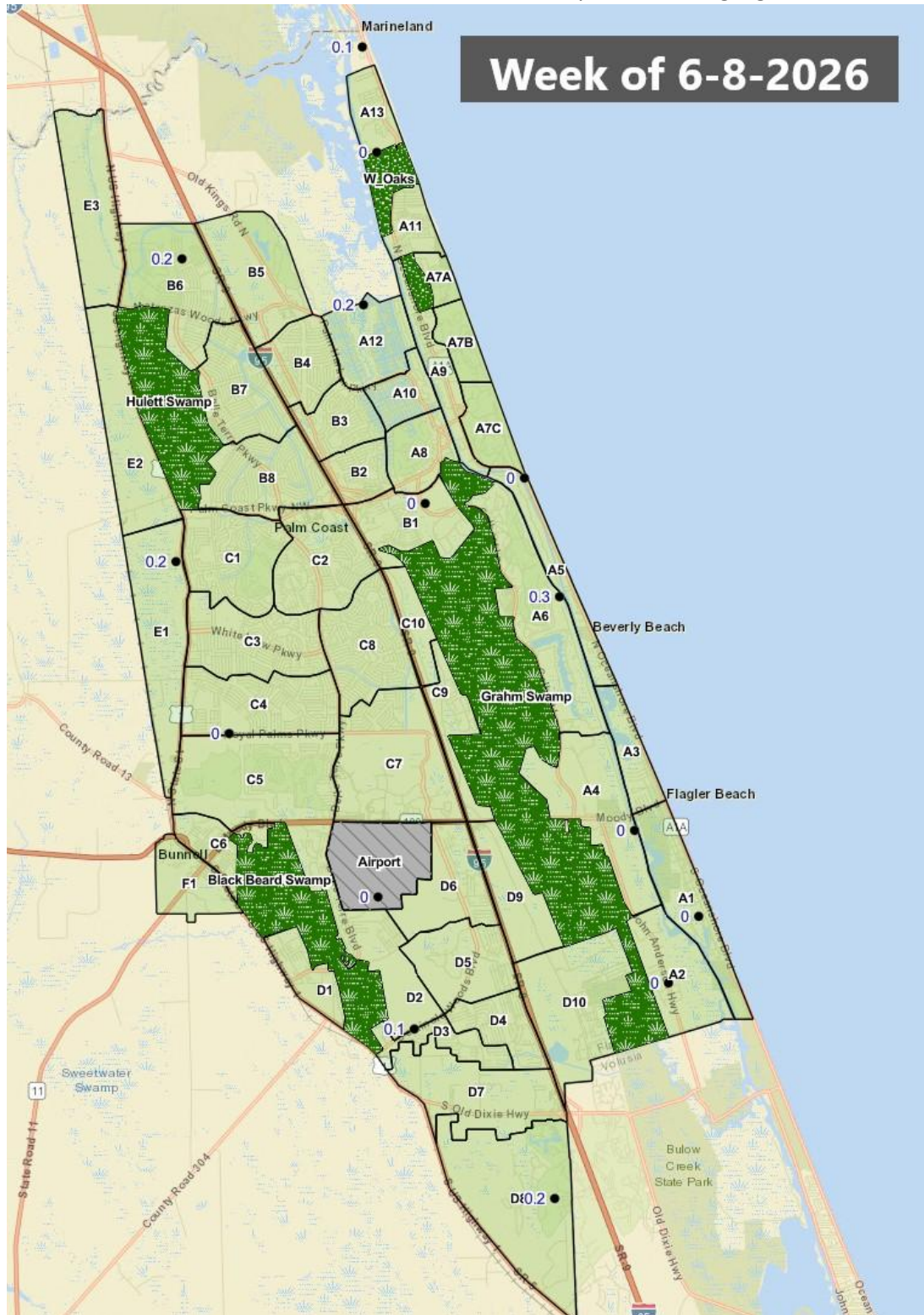


Figure 5: Spray zone map of the District with manual rain gauge totals.

State of Florida Advisories / Alerts:

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

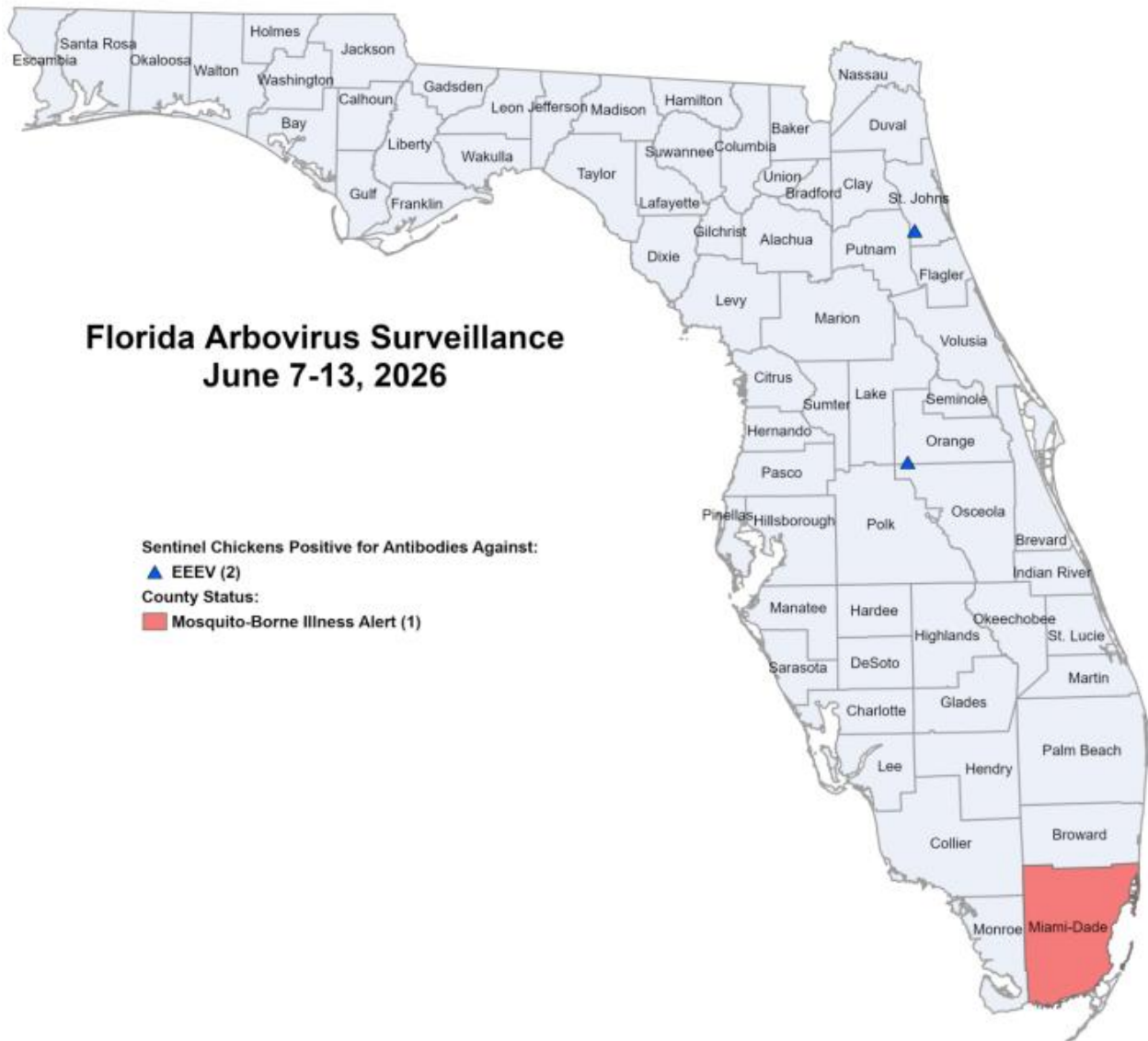


Figure 6: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus](#)