



Week of 6/1/2026 Operations Update (23)

Light Trap Collections:

The mosquito population is much reduced subsequent spray missions last week. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

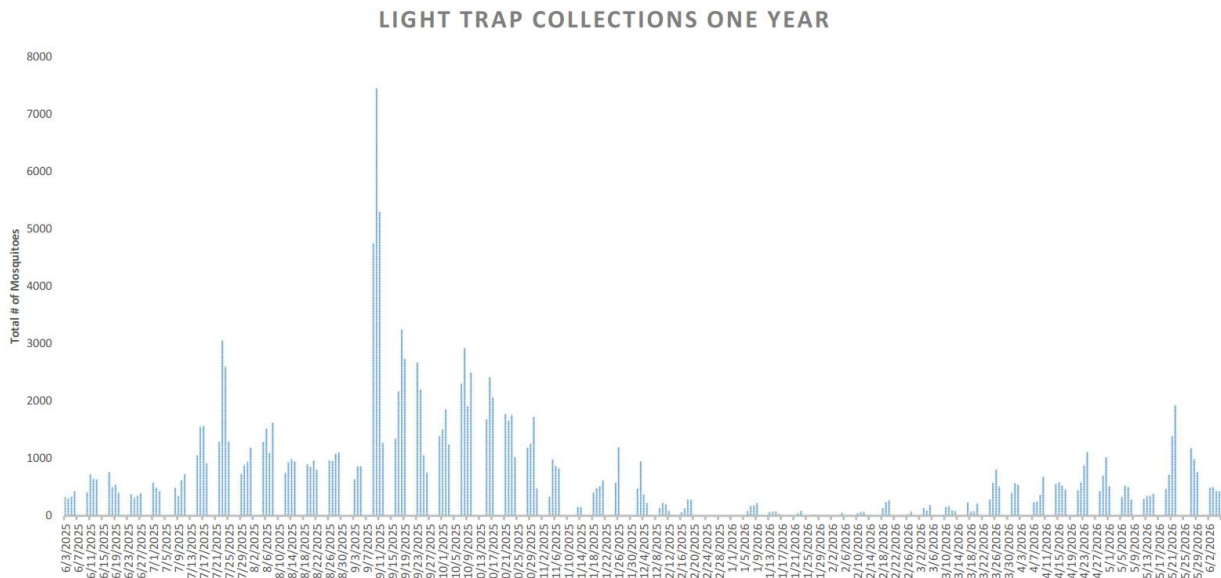


Figure 1: Total mosquitoes trapped daily in the District for the previous year.

Spraying last week significantly reduced the adult population of mosquitoes with no sign of a rebound.

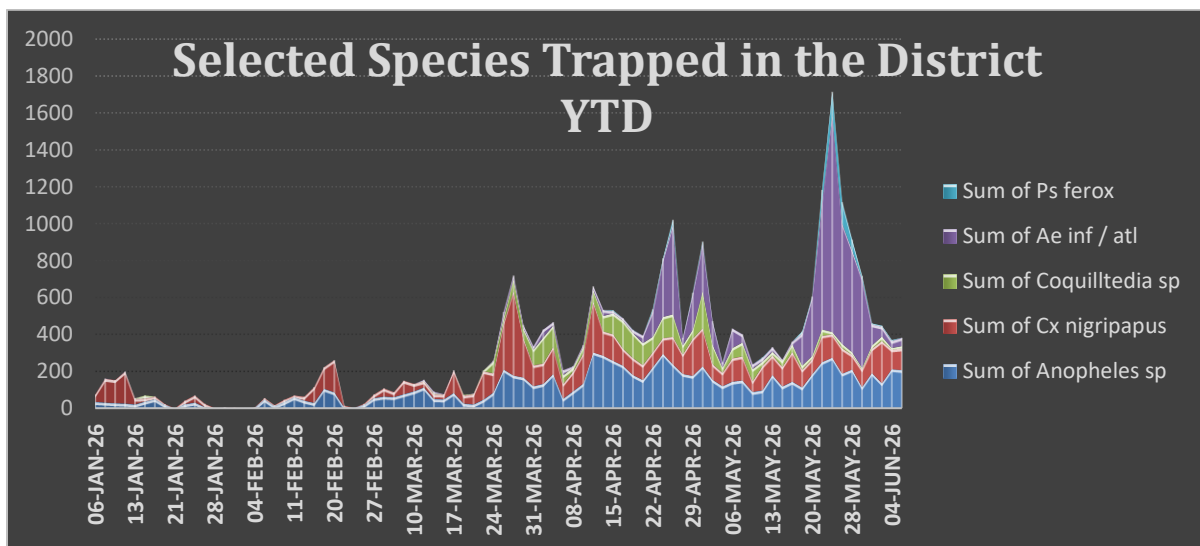


Figure 2: Stacked line-chart showing population by date and species

Weather:

Rainfall in the District ranged from 1.05" to 4.5" for the week at all manual monitoring sites. The map below from NWS <https://www.drought.gov/states/florida/county/flagler> All of Flagler County improved to severe drought (D2) 100% from 43.18% and extreme drought (D3) to zero from 56.82%.

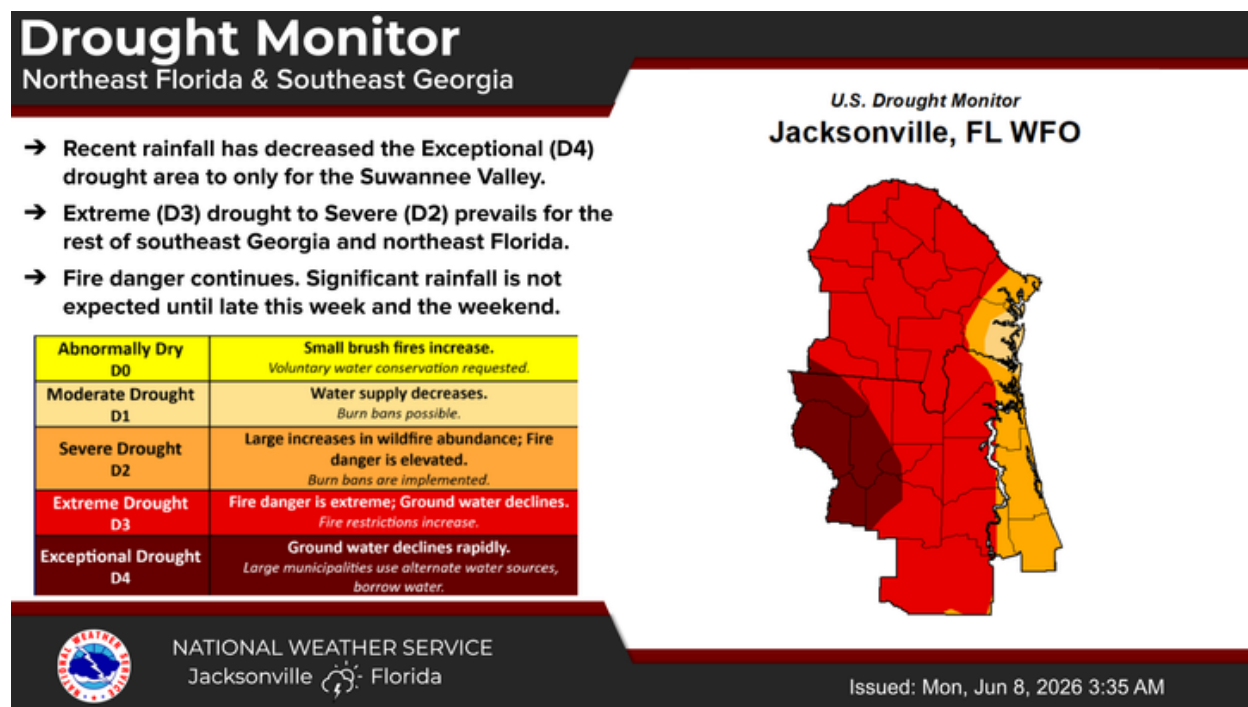
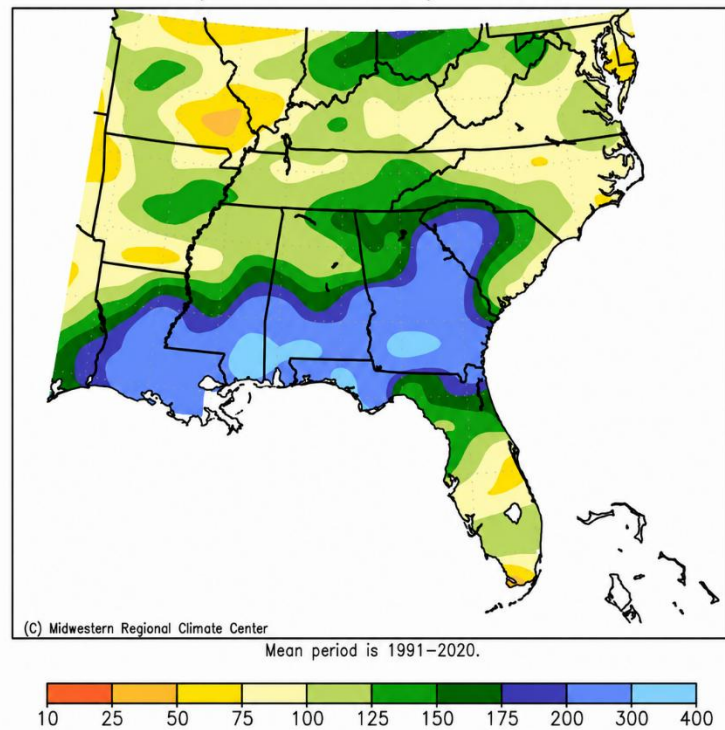


Figure 3: US Drought Monitor Graphic for Flagler County per [NOAA](#).

Droughts Improves but Remains in the Southeast. A wetter pattern established itself in late April and provided beneficial rainfall for much of the Southeast through May. Most of the region received well-above-normal rainfall for the month. Portions of Alabama, Florida, Georgia, and South Carolina received more than 200% of normal precipitation for the period. While these rainfall totals reduced long-term rainfall deficits that impacted agriculture, wildfire risk, and water resources, drought still lingers in the region. As of this week, 85% of the region is still experiencing drought conditions (D1-D4), with almost 55% of the region in Severe to Exceptional Drought (D2-D4) conditions. Much of the region is still experiencing precipitation deficits of 2-8 inches for the year to date (January-May 2026) and precipitation deficits of 6 to more than 12 inches from September 2025 through May 2026. While the rain and the drought relief is welcome, a continued wet pattern is needed to reduce the long-term rainfall deficits.

Accumulated Precipitation: Percent of Mean May 1, 2026 to May 31, 2026



Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 6/3/2026 12:07:59 PM CDT

Figure 4: Accumulated Precipitation for May 2026

Treatments:

No spraying this week (23).

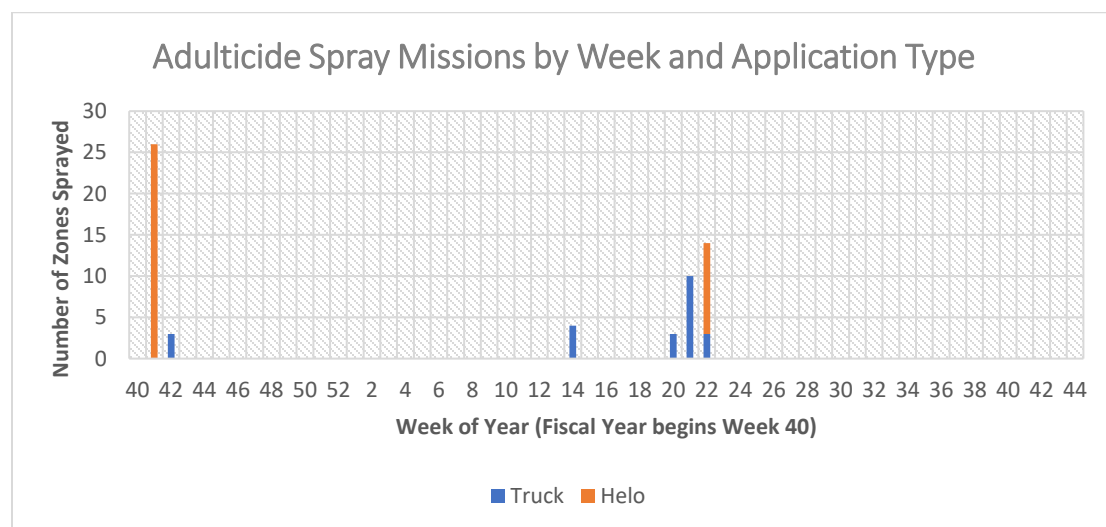


Figure 5: Adulticide spray missions by week and type.

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

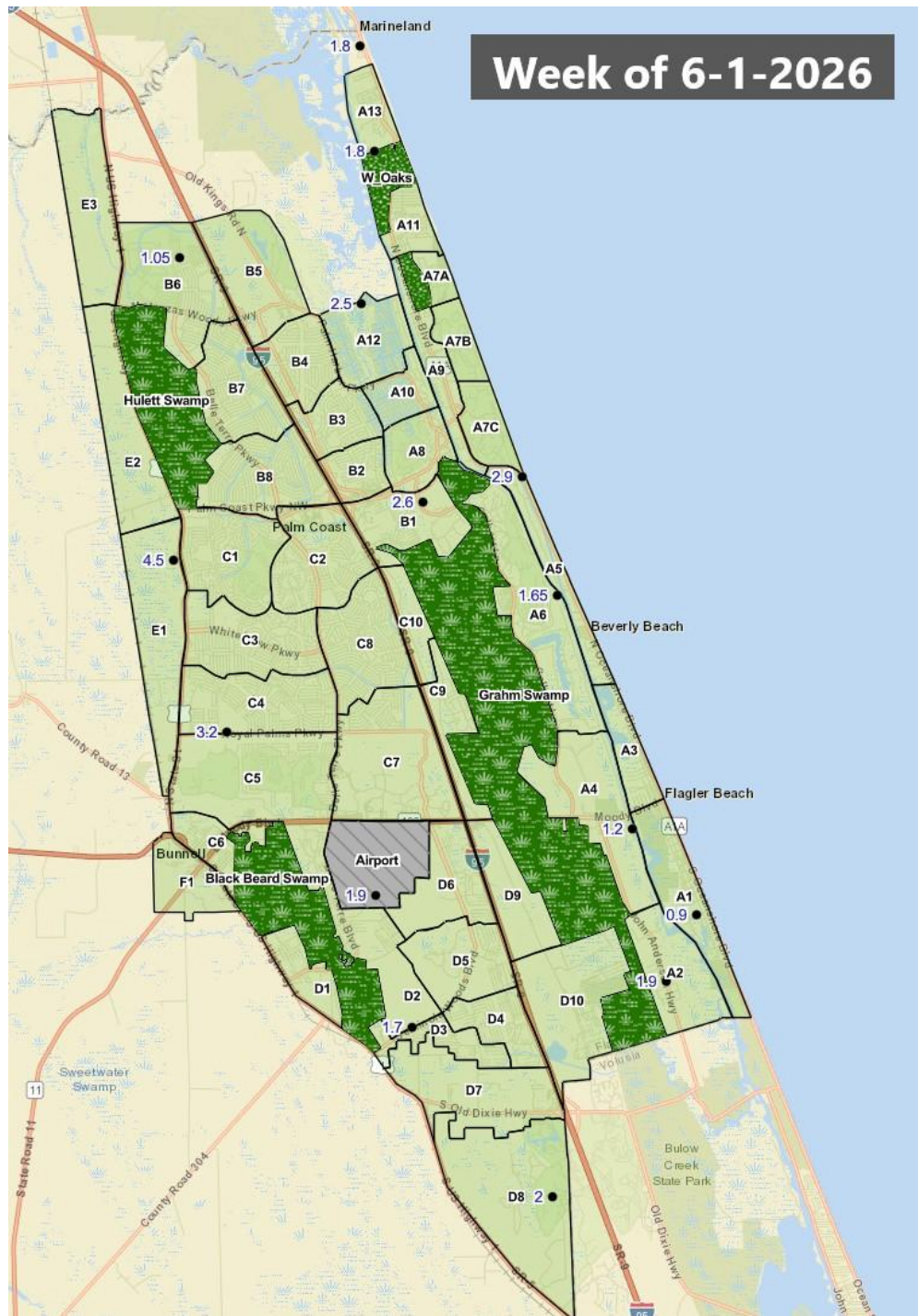


Figure 6: Spray zone map of the District.

State of Florida Advisories / Alerts:

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

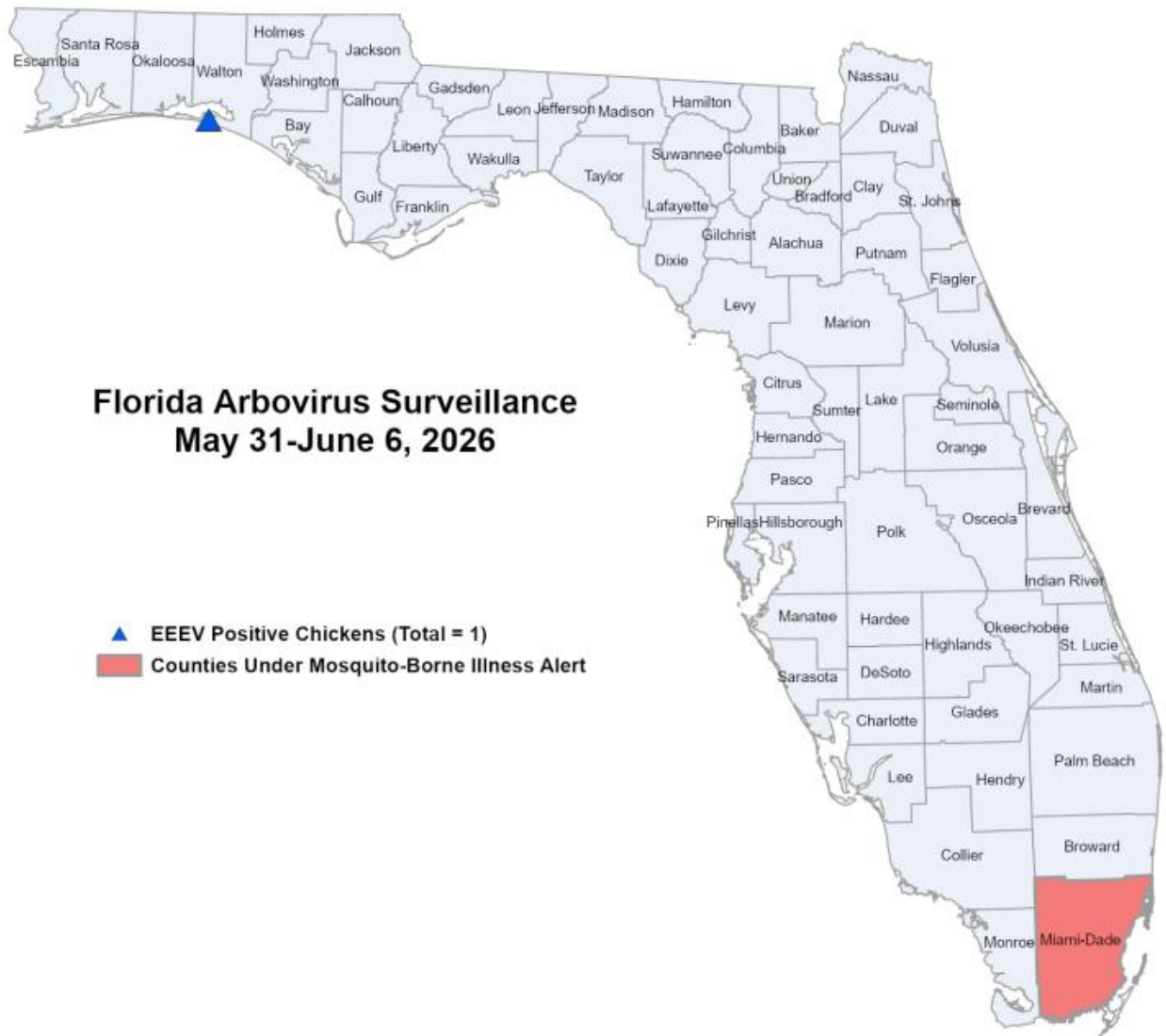


Figure 7: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus](#)