# Week of 4/13/2026 Operations Update (16)

## Light Trap Collections:

Drought and low overnight temperatures persist keeping mosquito populations low. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).

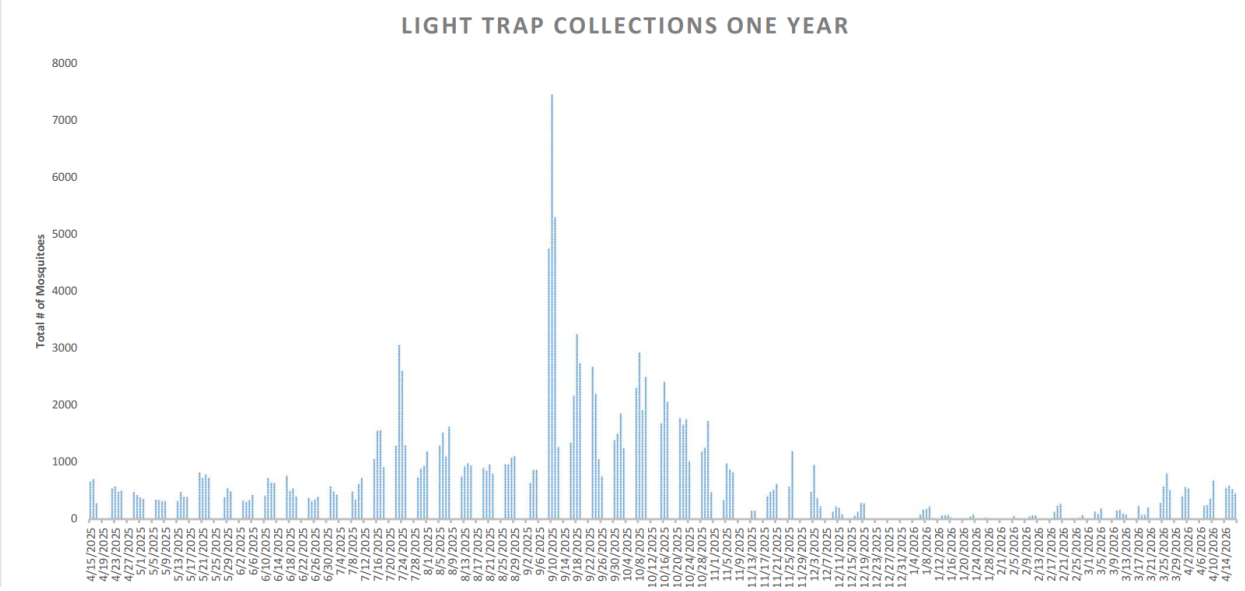


*Figure 1: Total mosquitoes trapped daily in the District for the previous year.*

Dry conditions prevailed this week. Low humidity reduces mosquito activity as their small mass relative to surface area renders them prone to desiccation.

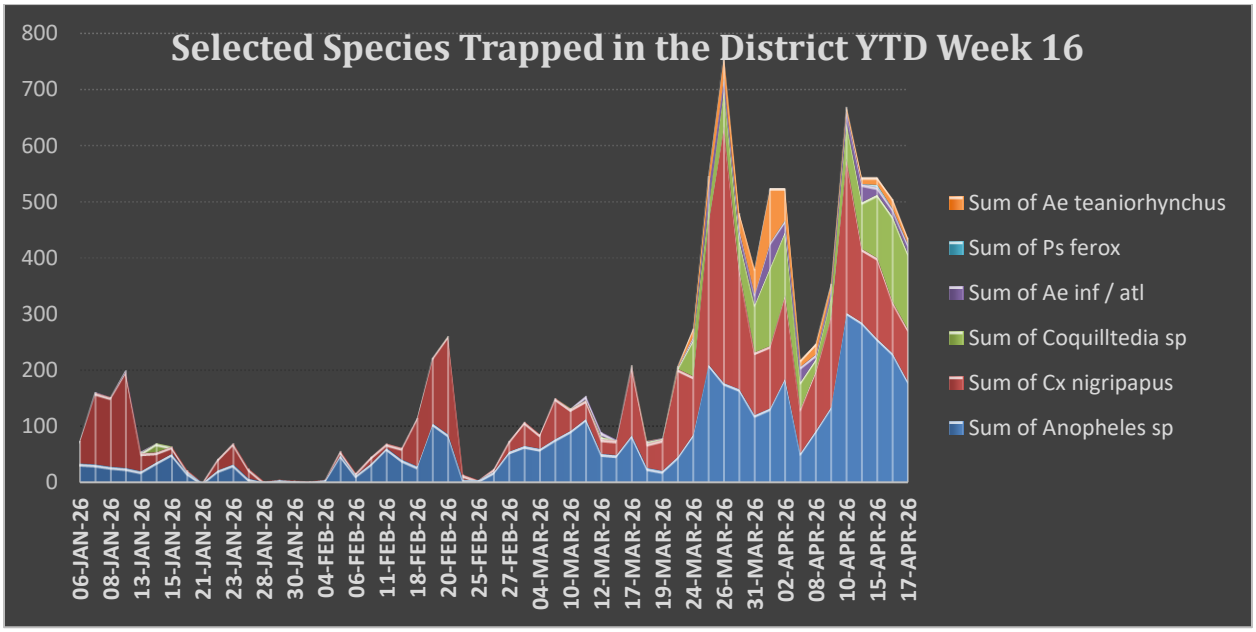

*Figure 2: Stacked line-chart showing population by date and species*

Rainfall in the District was 0” for the week at all manual monitoring sites. All of Flagler County is in extreme drought conditions per the National Weather Service.

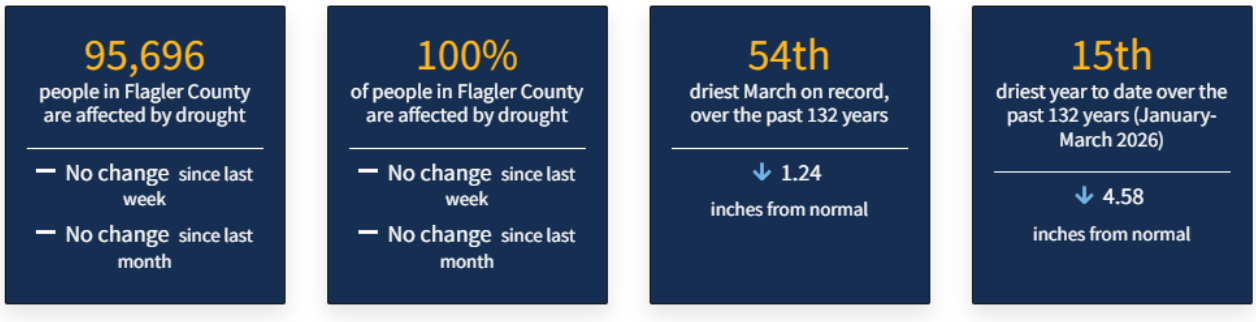


*Figure 3: NOAA Data on drought conditions.*

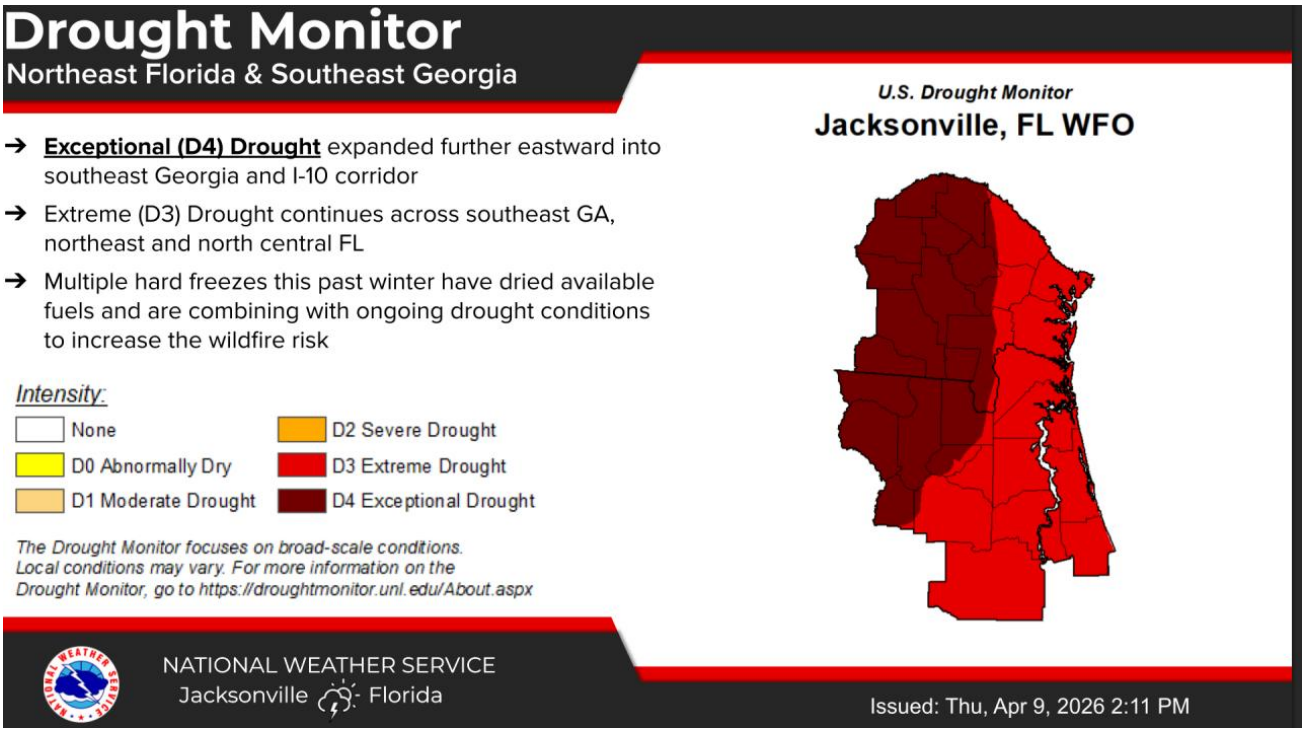


*Figure 4: National Weather Service drought monitor graphic.*

No adulticide spraying this week (16). Areas in the saltmarsh that produce mosquitoes were larvicided by UAS this week. The District has used UAS, commonly referred to as “drones” since 2021, but Florda law prevented use of our previous aircraft due to concerns of Chinese espionage. The new aircraft is approved for use in the U.S.

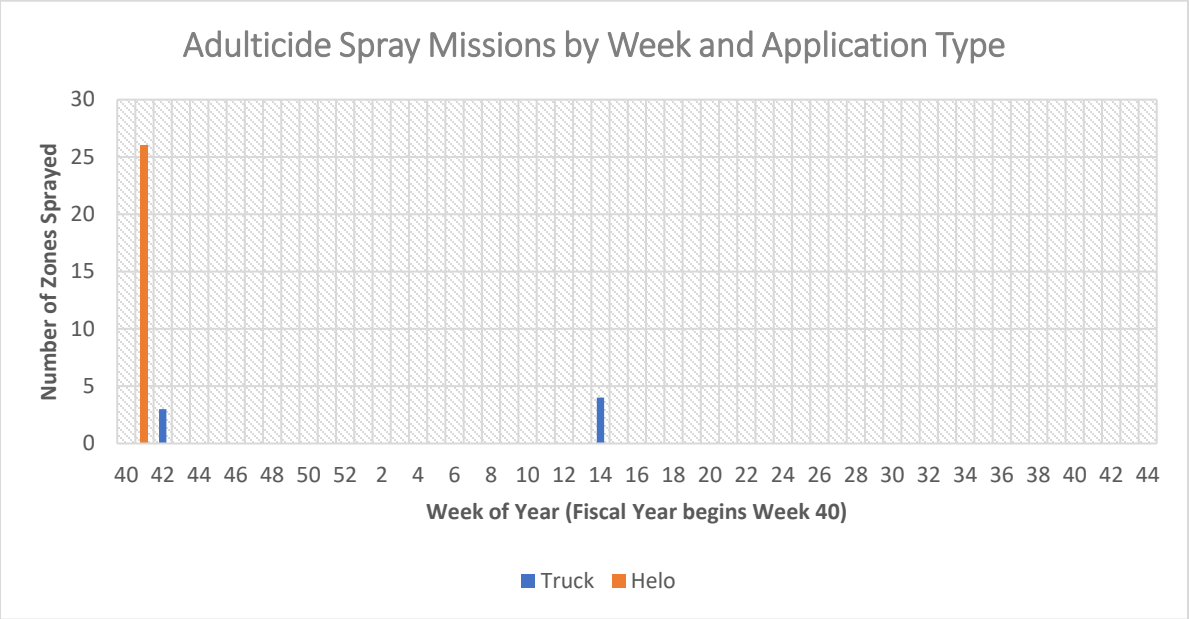


*Figure 5: Spray missions by week and type.*

*Figure 6: District employees prepping a UAS larvicide sortie.*

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

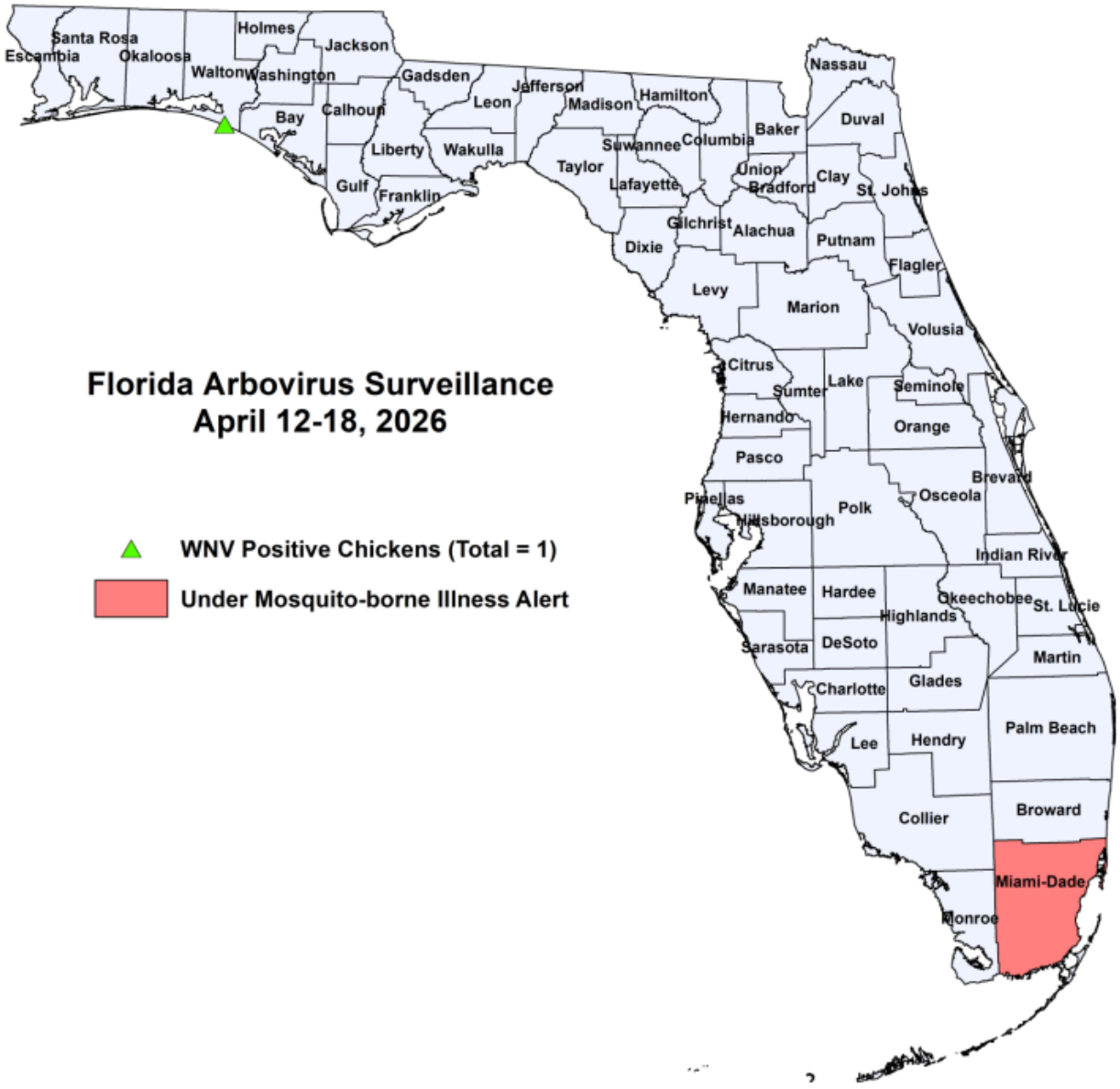


*Figure 7: Map produced by the Florida Department of Health. Point locations are randomized within the County. [Link to FAQs on arbovirus]*

Rainfall totals for the week by manual rain gauge location in blue text.

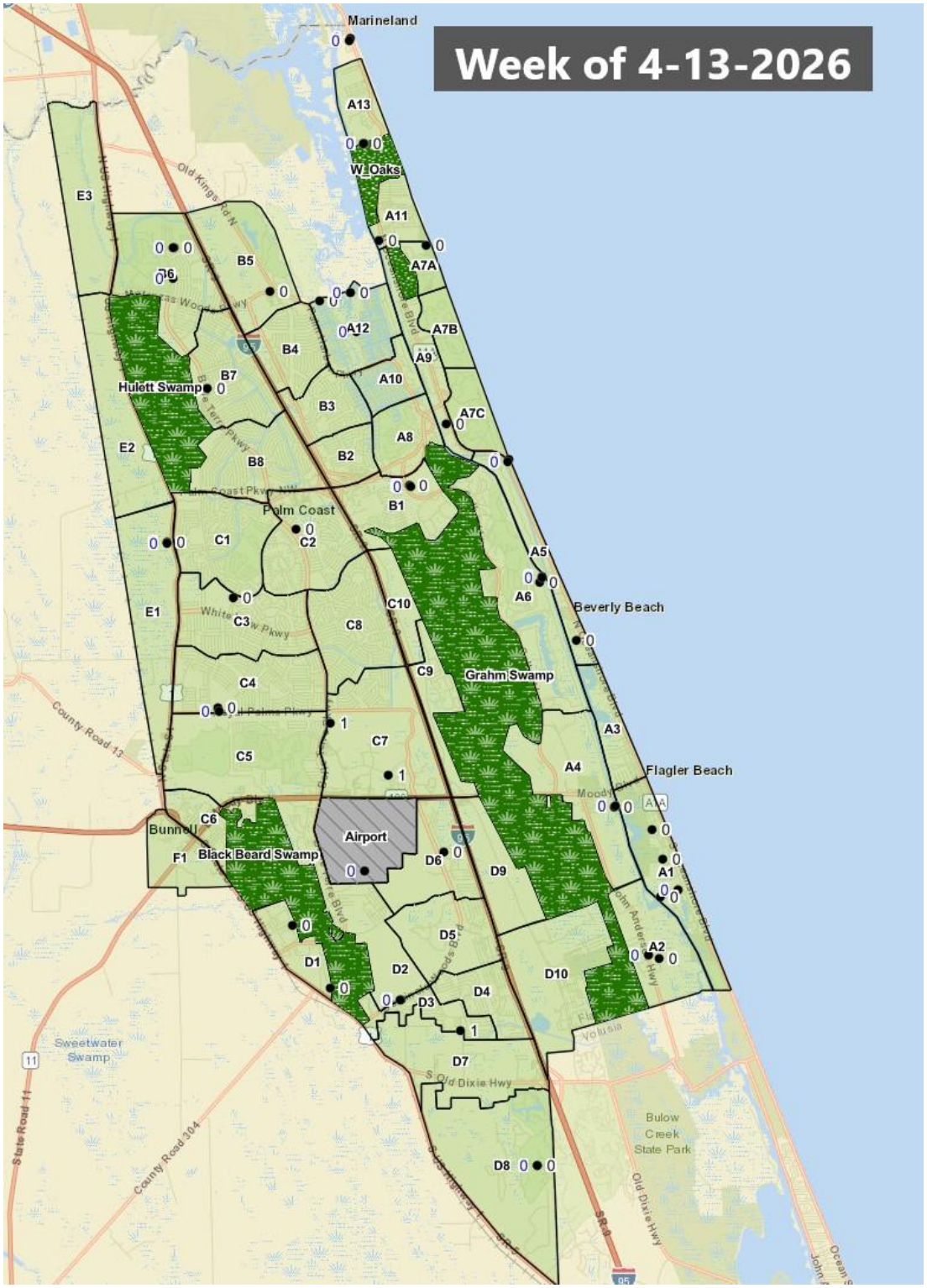


*Figure 6: Spray zone map of the District.*