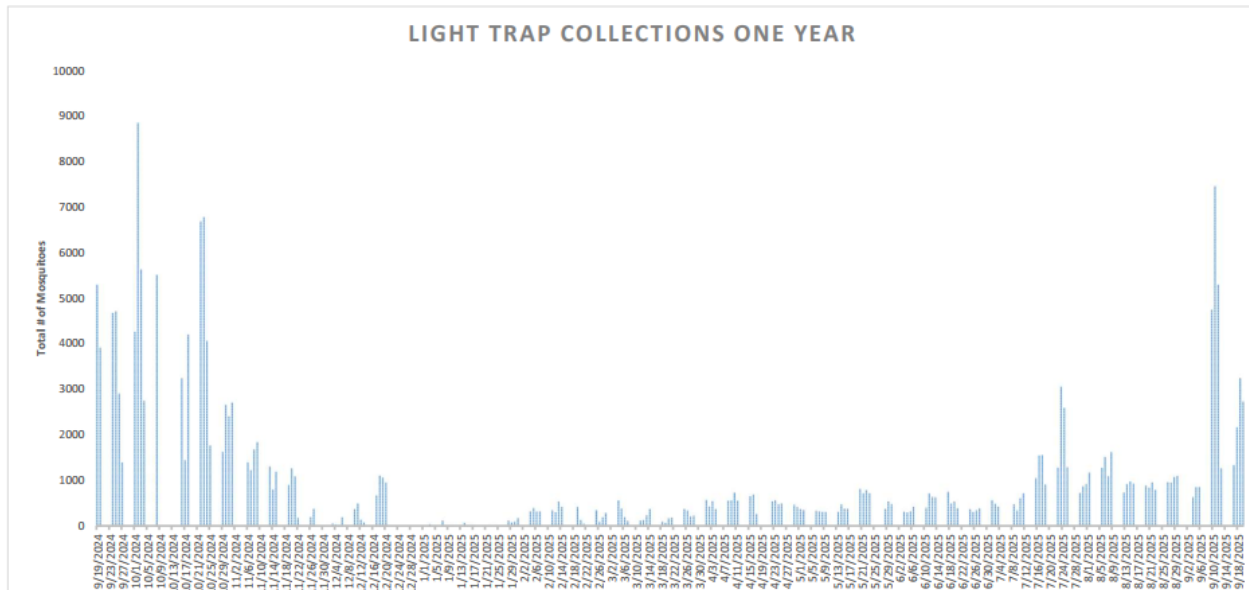


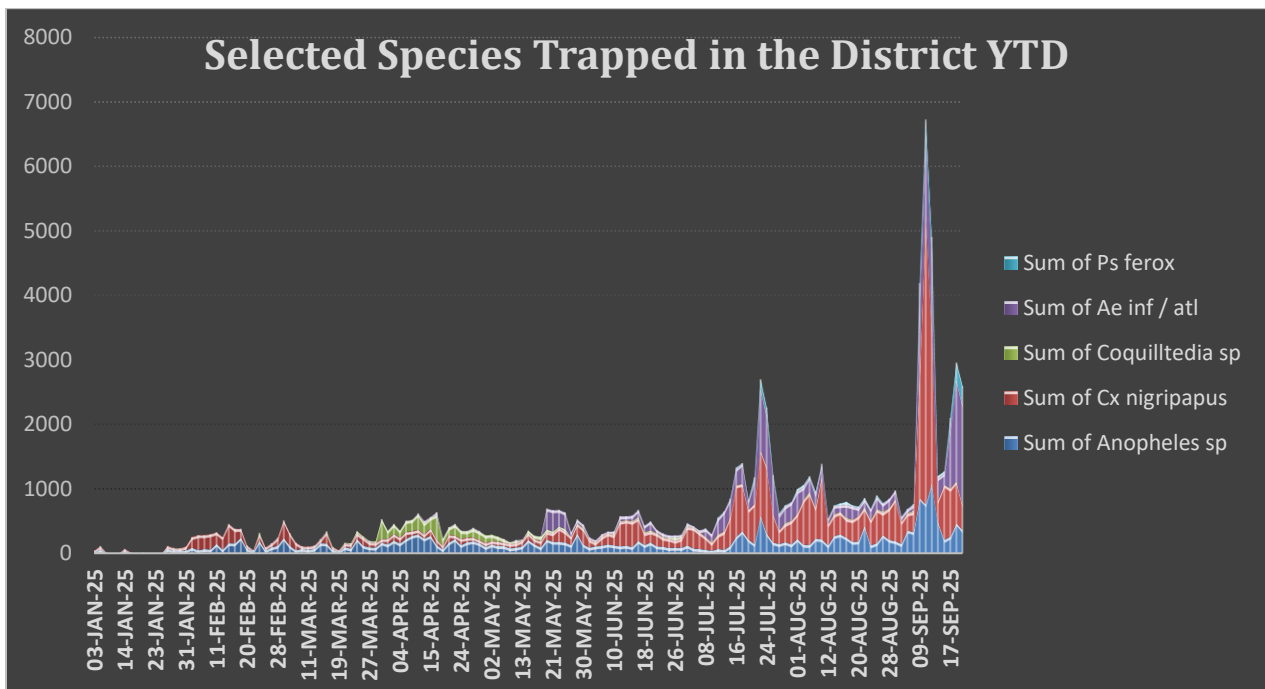


## Week of 9/15/2025 Operations Update (38)

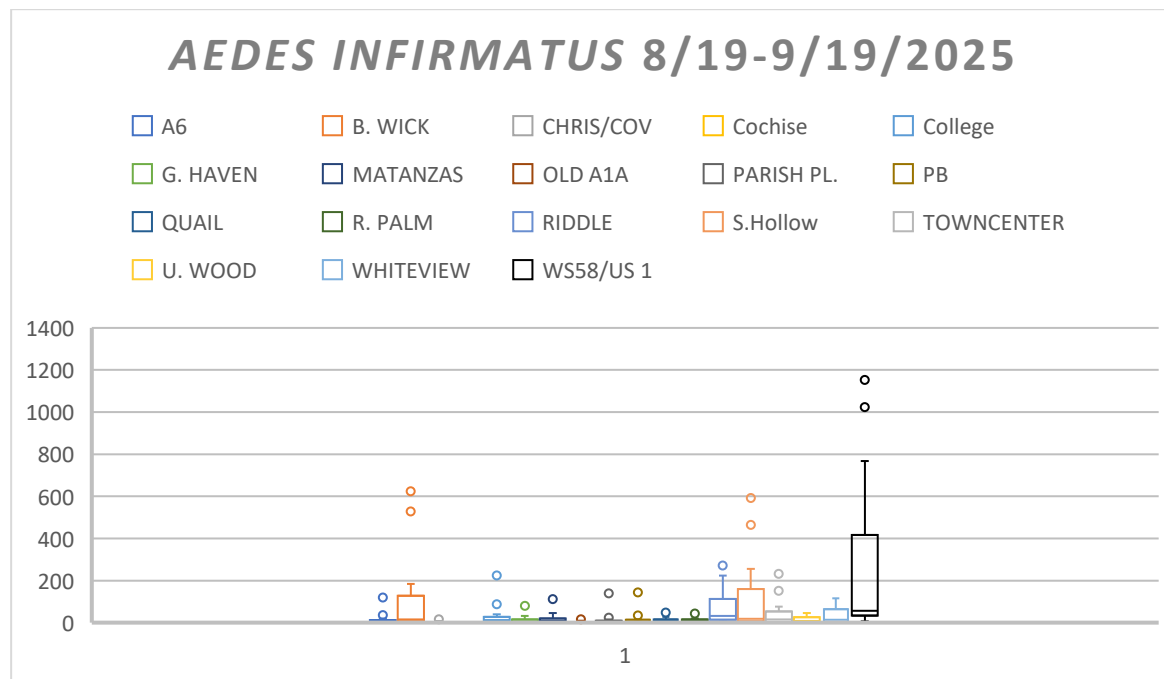
Little rainfall this week but plenty of mosquitoes. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).



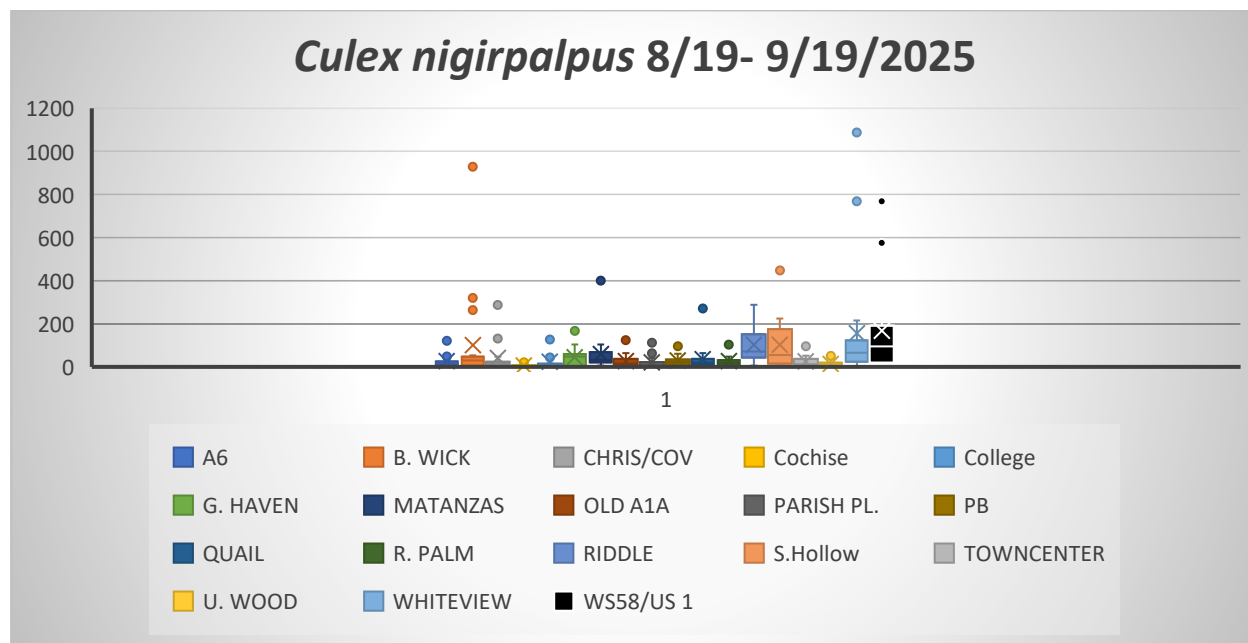
Last week we said, “For most of 2025 the mosquito population has been at low levels. Outside of hurricane, we don’t usually see the mosquito population this high. More heavy rain this week will produce further mosquito broods.” This week a second brood of floodwater mosquitoes arrived. There was a brief reprieve on Friday of last week and Monday of this week before the second brood appeared.



The District keeps a sentinel trap West of US1 to monitor mosquito production in the undeveloped area outside the District. *Aedes infirmatus* has a flight range of up to ten miles and can easily make its way into populated areas. The black box-chart to the right shows this western front.

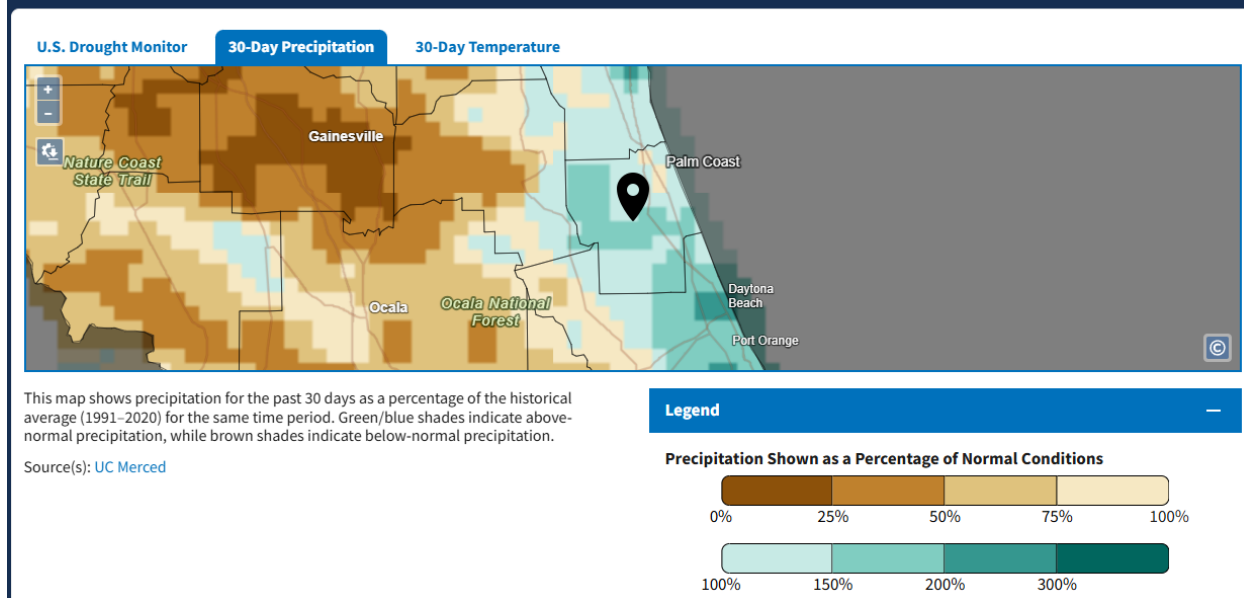


Since *Culex nigripalpus* has a limited flight range of only a mile, the contribution from outside the District is not as consequential.



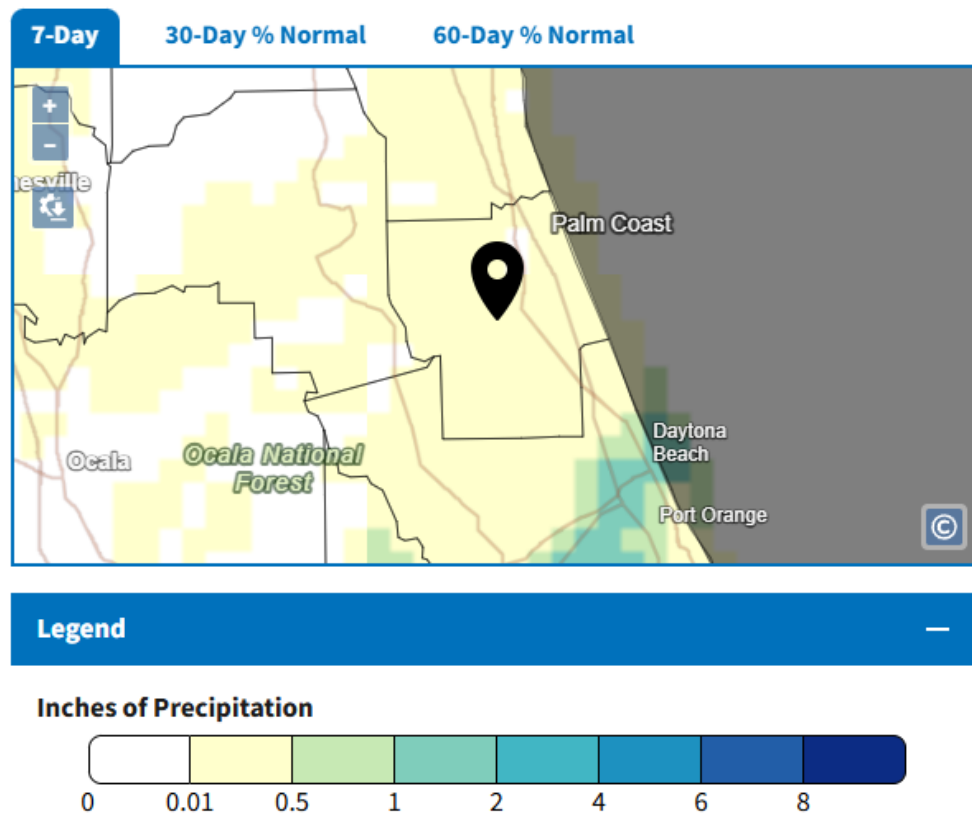
Rainfall in the District ranged from 0.0" to 0.8". The percentage of Flagler County that is abnormally dry (D0) remained at zero. The map below from NWS <https://www.drought.gov/states/florida/county/flagler> Indicates all of Flagler County is above normal precipitation as of 9/19/2025.

#### Current Conditions for Flagler County

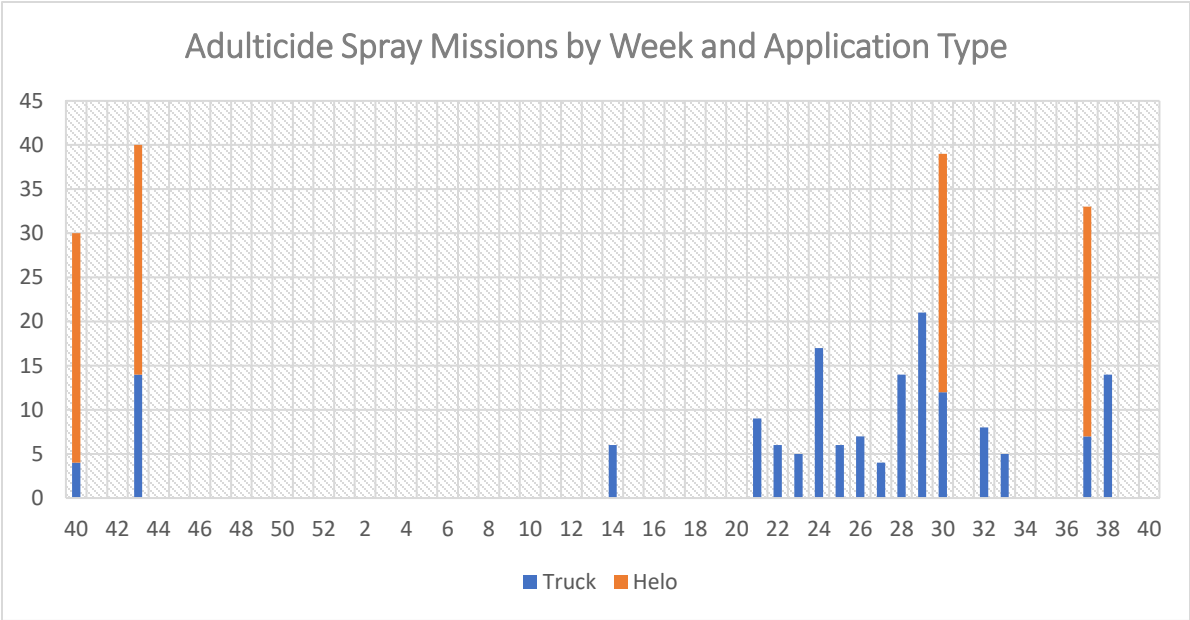


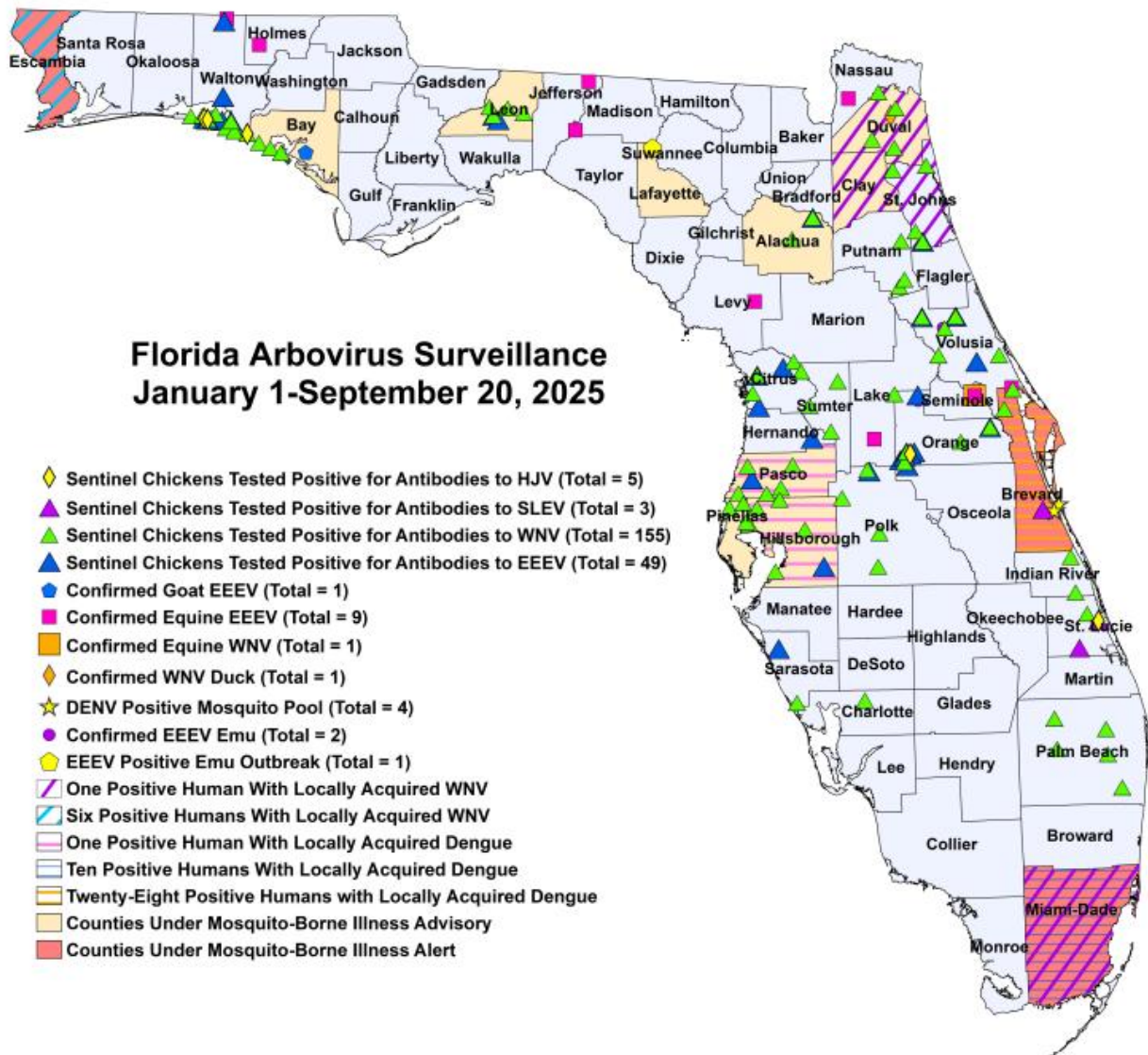
Little rainfall this week. The previous significant rainfall and now dryer conditions will allow permanent water species to proliferate absent any flushing rains.

#### Precipitation Conditions



Wide-spread truck spraying this week (38).





**Advisories/Alerts:** Alachua, Bay, Clay, Duval, Hillsborough, Lafayette, Leon, Pasco, and Pinellas counties are currently under a mosquito-borne illness advisory. Brevard, Escambia, and Miami-Dade counties are currently under a mosquito-borne illness alert. See the full [DOH Report](#)

\*Explainer- Mosquito-borne diseases are routinely spread by many species of mosquitoes in Florida. Mosquito control programs work to keep the population of mosquitoes at low numbers to minimize disease spread. A higher likelihood of disease transmission exists when mosquito populations are allowed to persist for a long enough time to become infected and spread diseases. The more mosquitoes there are, the greater the chances of encountering an infected mosquito. The strategy is simple: monitor the mosquito population for increases and knock them down quickly, either before they become adults or before they have a chance to spread diseases.



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

