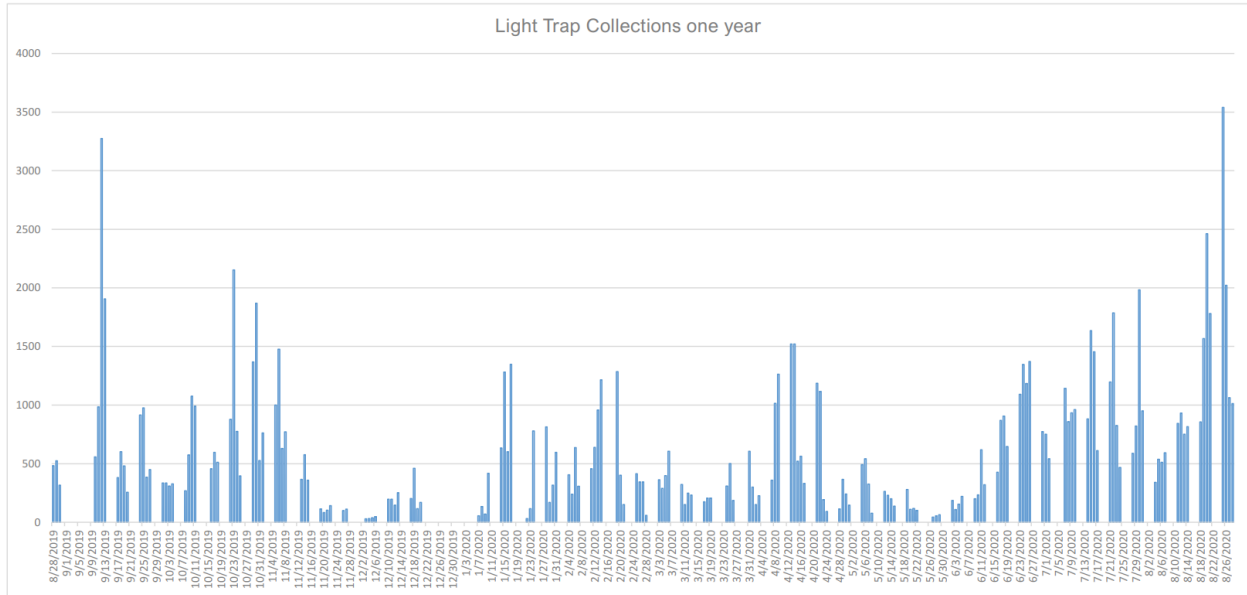
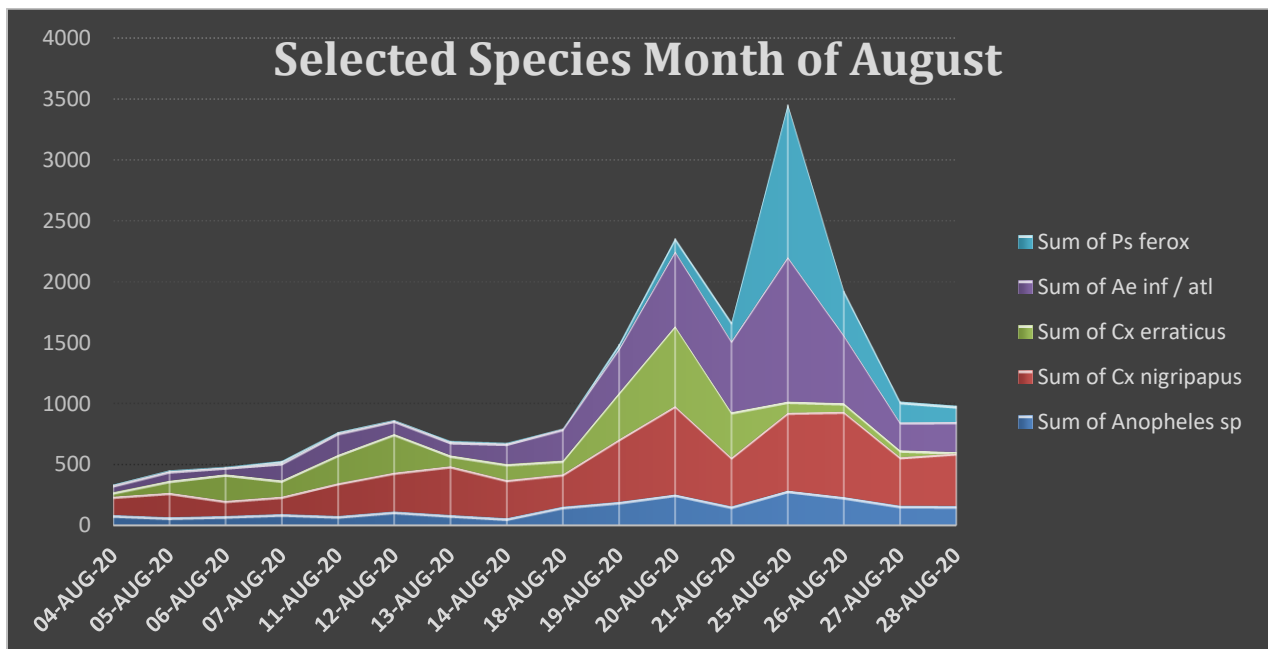


Week of 8/24/2020 Operations Update

Several species of mosquitoes contributed to very high population numbers. Emergence area was more typical and less widespread than the previous week. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).



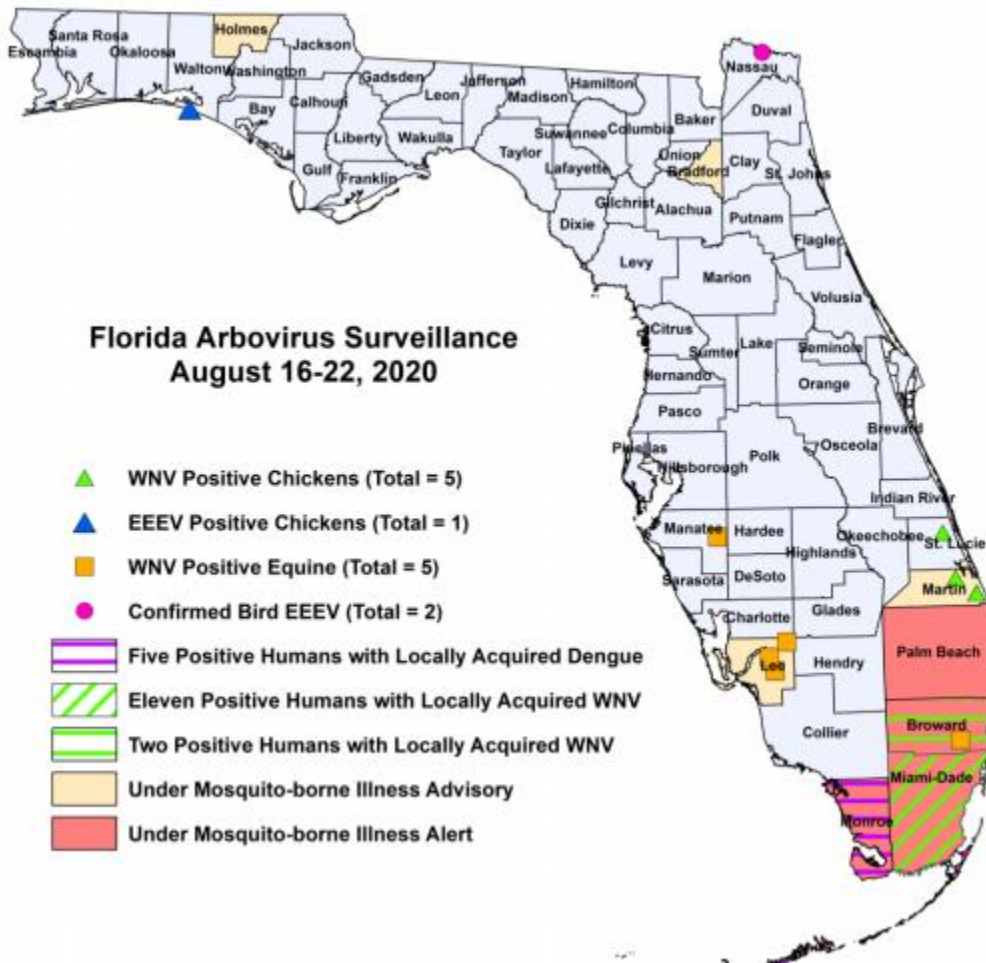
The month of August saw the highest single day total trap counts for the past year. The chart below shows selected species of mosquitoes for the Month of August. *Psorophora ferox* typically emerges from flood waters later than *Aedes infirmatus* and usually only after above average flooding.



Finally, the Florida Department of Health in their Florida Arbovirus Surveillance Week 34: August 16-22, 2020 Report indicates Five cases of locally acquired dengue fever were reported in Monroe County this week. These were identified through retrospective case finding efforts to better characterize activity early in the outbreak. In 2020, 53 cases of locally acquired dengue fever have been reported in Miami-Dade and Monroe (52) counties, with onsets in February, March, April, May, June, July, and August. One case was reported in a non-Florida resident.

Seventeen human cases of WNV illness acquired in Florida have been reported in 2020: 13 in Miami-Dade County (June, July), two in Palm Beach County (July), and two in Broward County (July). Thirty-one asymptomatic positive blood donors have been reported in 2020 from Miami-Dade County (May, June, July, and August).

Four Counties in South-East Florida are under a mosquito-borne illness alert.



<http://www.floridahealth.gov/diseases-and-conditions/mosquito-borne-diseases/ documents/2020-week-34-arbovirus-surveillance-report.pdf>

Zones in yellow treated by truck, blocks in blue treated by helicopter.

