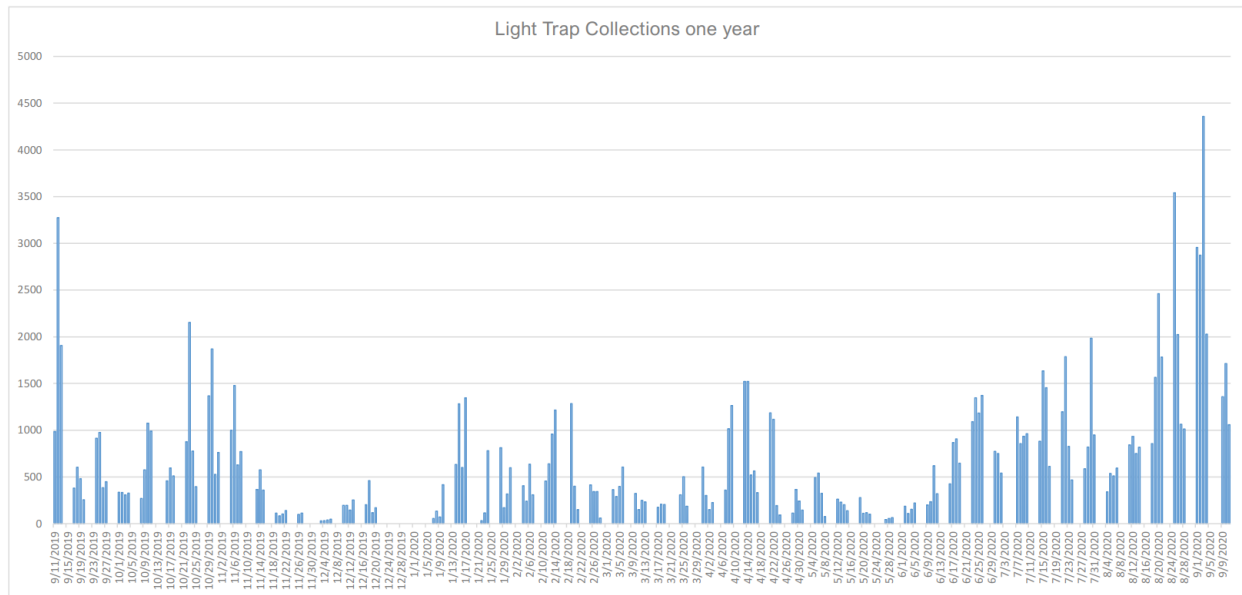
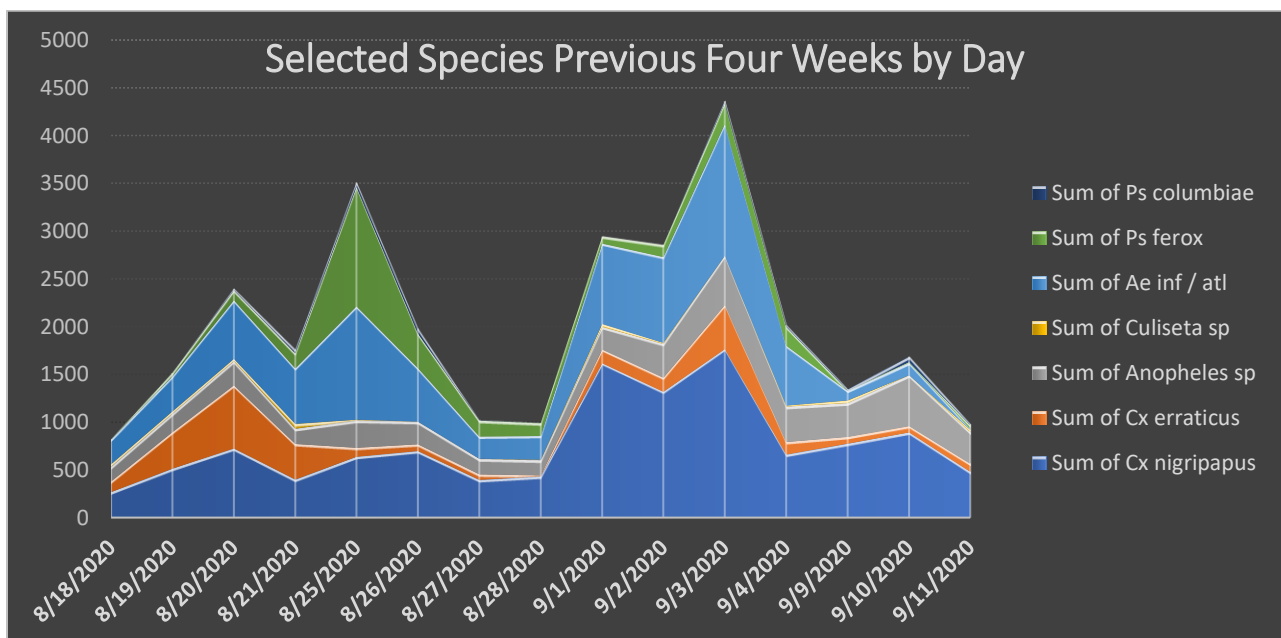


Week of 9/7/2020 Operations Update

After three weeks of very high mosquito population, only the permanent water species remain abundant. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).

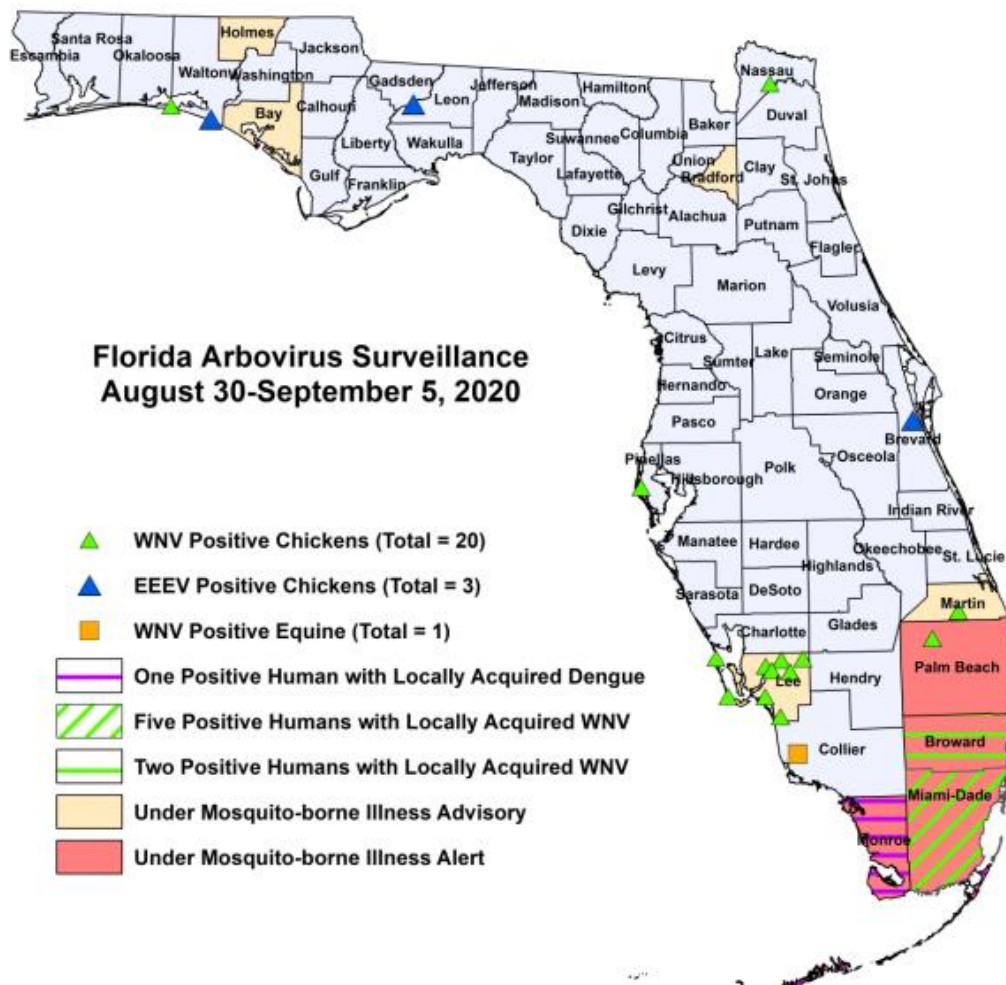


This week saw a drastic reduction of flood-water species *Aedes infirmatus* and *Psorophora ferox* of mosquitoes and a much-reduced population of *Culex nigripalpus* (Chart below). The latter are important vectors of WNV.



Finally, from the Florida Department of Health in their Florida Arbovirus Surveillance Week 36: August 30-September 5, 2020 Report:

- Seven human cases of WNV infection were reported this week in Broward and Miami-Dade counties.
- One case of locally acquired dengue fever was reported in Monroe County this week.
- Broward
 - WNV: 3 humans (July), 1 asymptomatic blood donor (August)
- Miami-Dade
 - WNV: 16 humans (June, July, August), 33 asymptomatic blood donors (May, June, July, August),
 - Dengue: 1 human (March)
- Monroe
 - Dengue: 54 humans (February, April, May, June, July, 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-36-arbovirus-surveillance-report.pdf>

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

