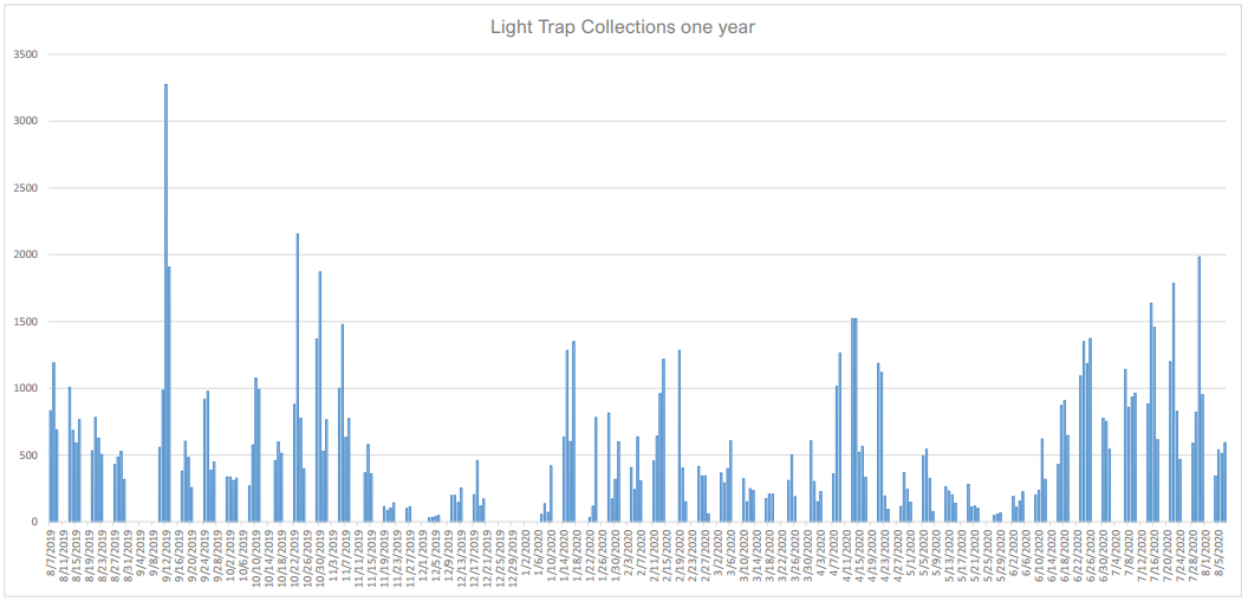
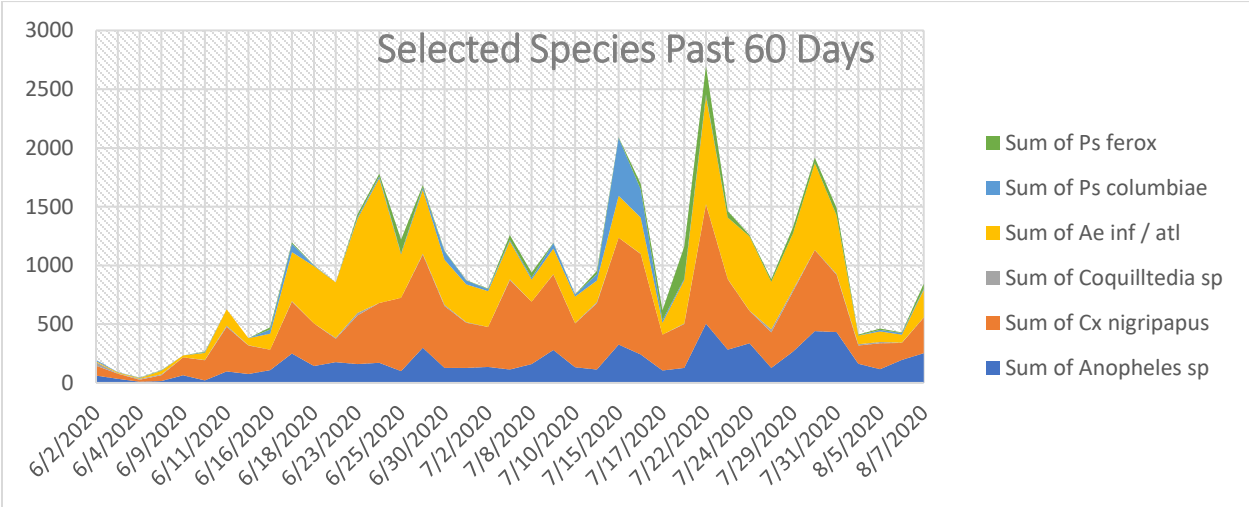
Week of 8/3/2020 Operations Update

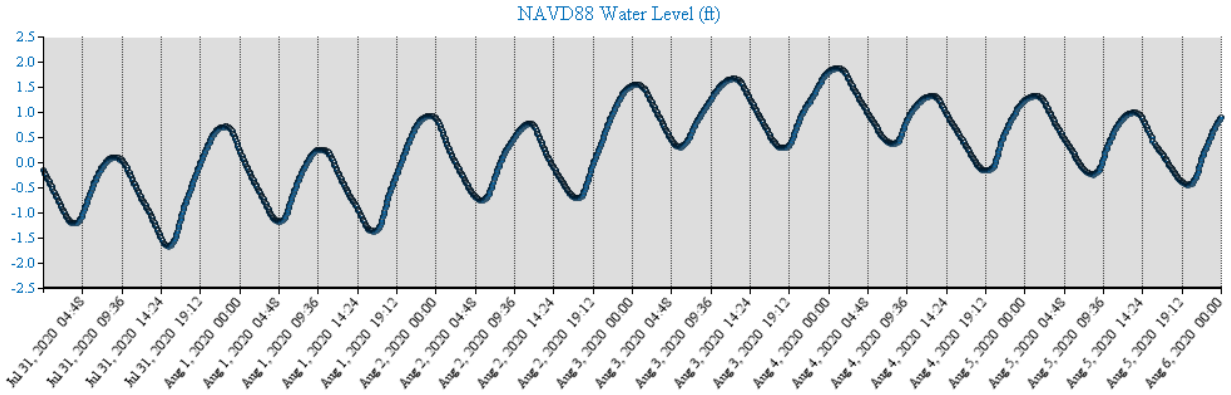
A drastic reduction in the adult population this week afforded us the opportunity to prioritize operations in the salt marsh. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).



Across the board reduction in mosquito species except for *Anopholes* spp. that breed in larger bodies of permanent water. Graph below is the sum of selected species form all CDC light traps in the District for the past 60 days.



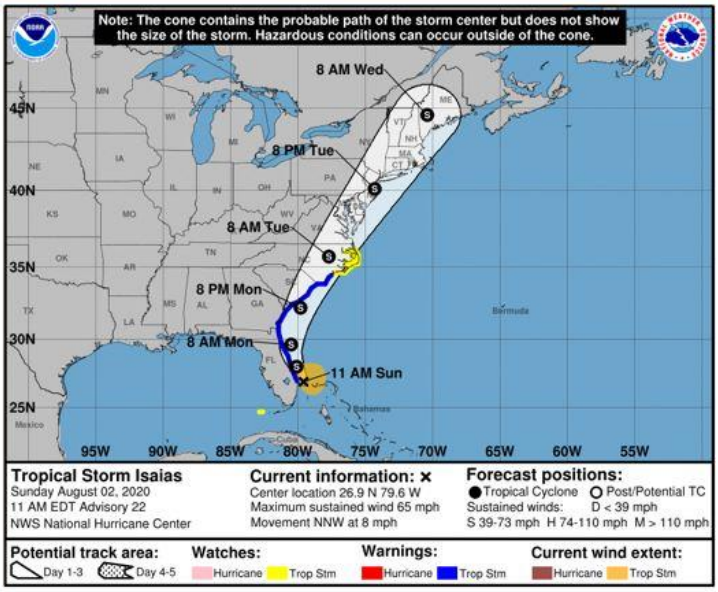
Tropical Strom Isaias passed by offshore Monday August 3 with the highest tidal elevations occurring in the intracoastal on August 4 around 1 AM at 1.878 ft. This elevation is sufficient to cause flooding in the high salt marsh areas that produce mosquitoes outside of our normal control areas.



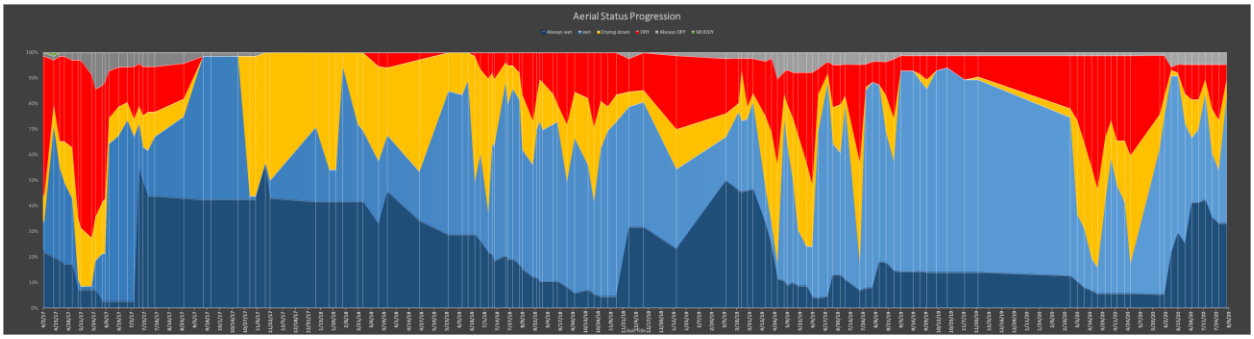
Flagler County Emergency Management
Tropical Storm Isaias - 08/2/2020

As of the latest NHC update 11 am:

- Tropical Storm Isaias was located about 230 miles southeast of Flagler County.
- **A Tropical Storm Warning remains in effect** for Coastal Flagler County. The warnings for the inland locations have been canceled. The strongest wind gusts will generally be along the coast.
- **The Storm Surge Watch** has been canceled.
- **A Coastal Flood Advisory** is now in place for the coastal and intracoastal waterway locations.
- **Rainfall** 2-4" is forecast. Locally higher amounts possible.
- **Stay informed** as things can change.



Aerial Surveillance showed a reversal of the drying trend in the salt marsh. The graph below shows the percentage of sites monitored by helicopter in the salt marsh that are wet vs dry for the past several years, 83% of sites were wet at this time (far right stacked blue lines).



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