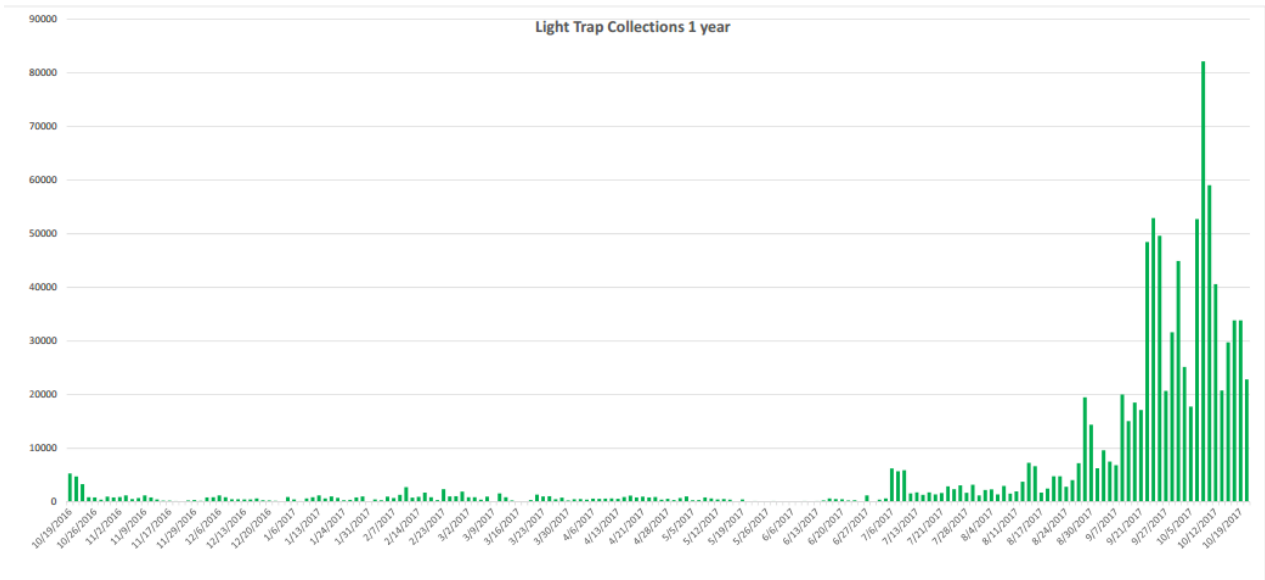
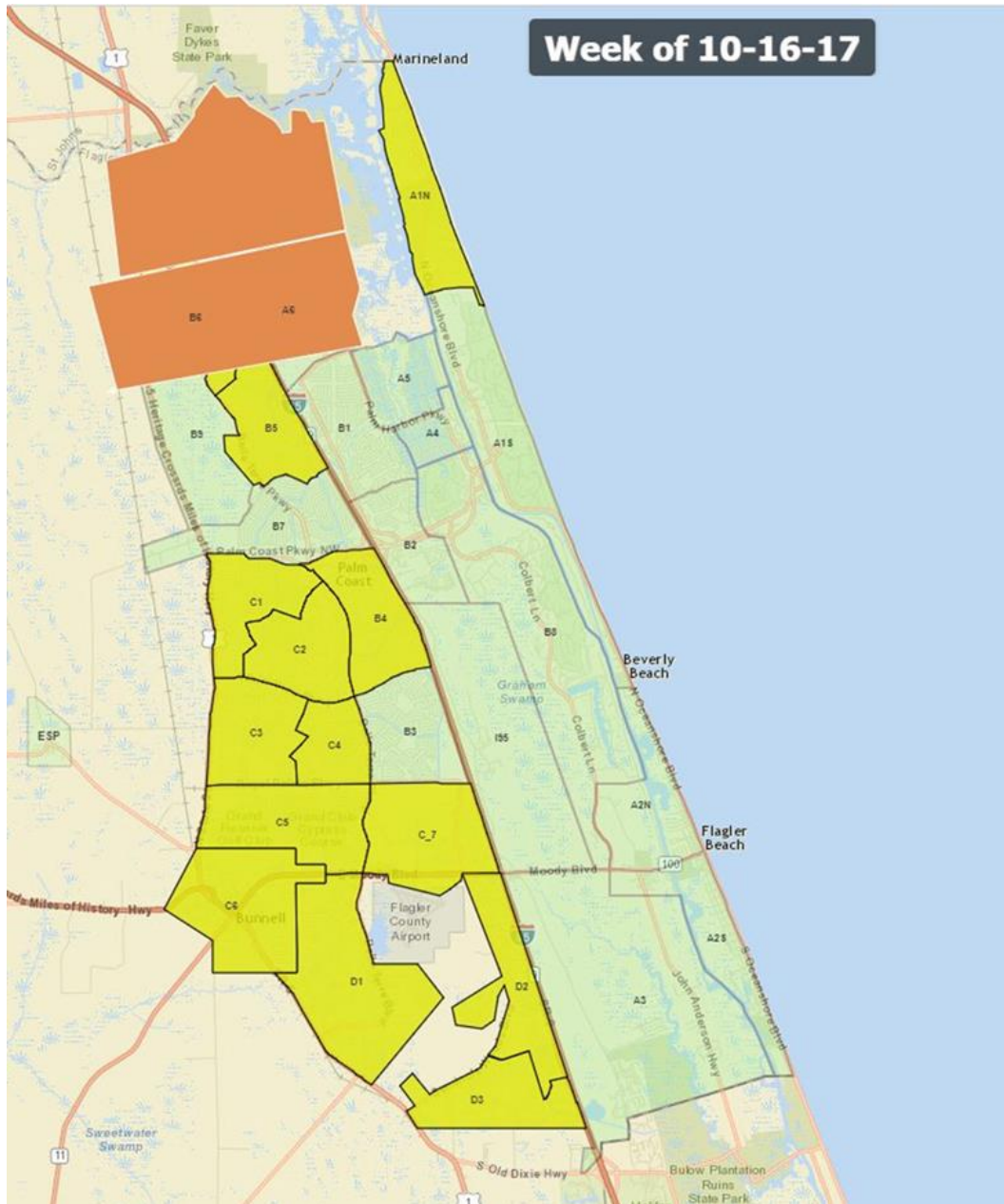


## Week of 10/16/2017 Operations Update

Trap data is starting to show a consistent reduction in mosquito population.



We have been seeing black salt marsh mosquitoes (*Aedes taeniorhynchus*) making their way into the District with a mostly Northeast wind component the likely origin is Princess Place Preserve. Migration of these strong flyers was down into the Riddle trap. An aerial mission was in order and that is the orange blocks on the map below.



Some cooler weather is in the forecast for next week. We do not apply adulticides when temperatures are below 55 degrees because the mosquitoes are not active. That doesn't mean they are gone just not actively flying. Remember, we need actively flying mosquitoes to contact the 20 micron diameter droplets produced by the fog trucks. Resting mosquitoes do not get exposure to the pesticides as effectively and can survive the treatment much like pollinators that are active during the day are not impacted by our operations since there is no residual activity beyond when the droplets are airborne. No fly; no die.