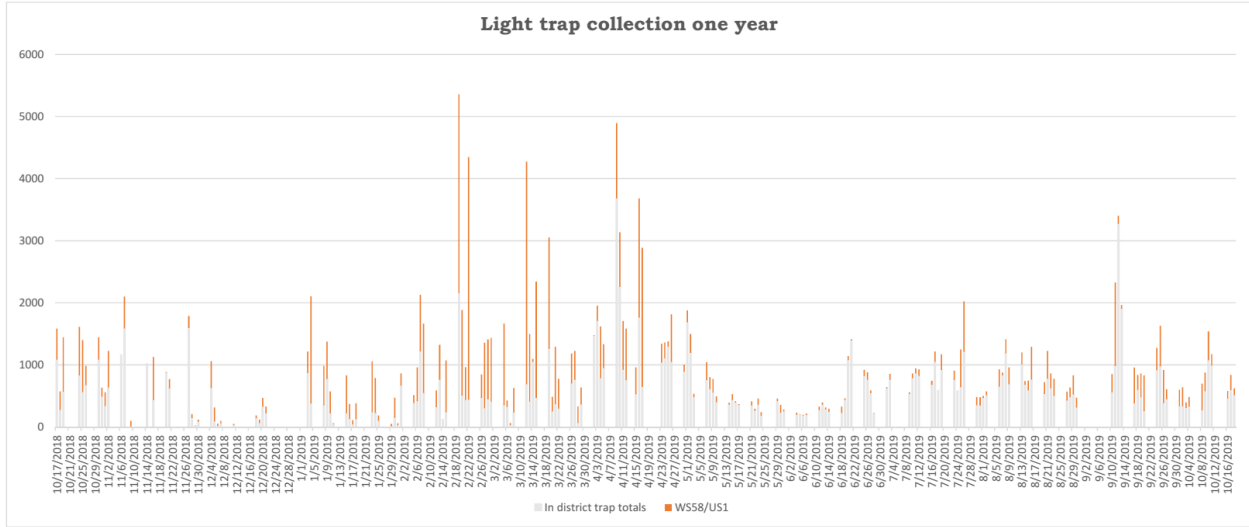
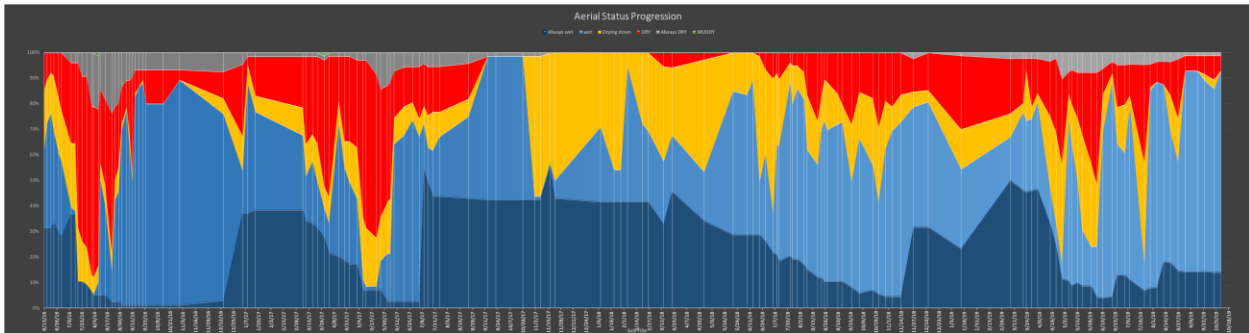


Week of 10/14/2019 Operations Update

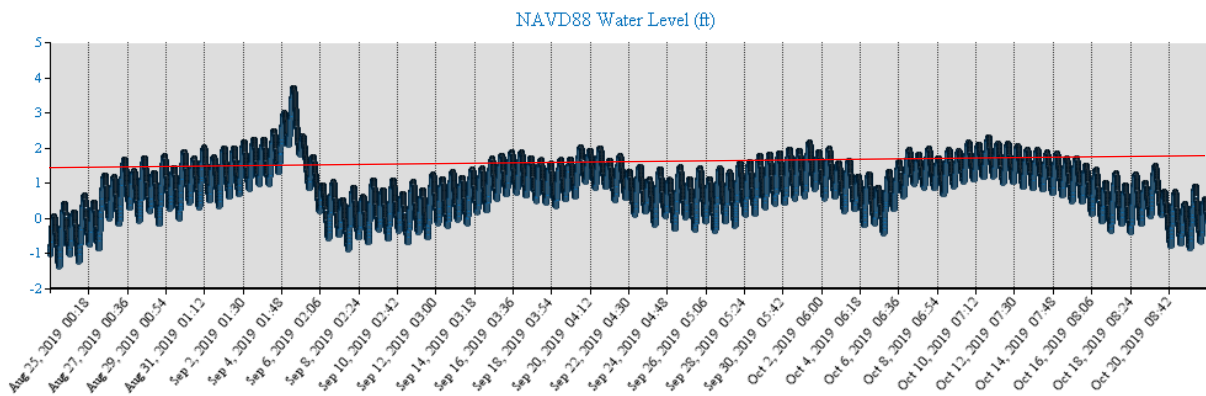
Overall mosquito prevalence has been low with most breeding sites remaining flooded. The stacked-bar graph below shows the total mosquitoes from all traps in the District in white. The red is the sole trap we keep on the West-side of US-1 to monitor outside the District.



The salt marsh has remained flooded since the Proxigean tide (August 30) combined with Hurricane Dorian (September 4) for an extended high-tide event.



Below is the water level sensor data for Bing's landing. We typically see extensive flooding of the high salt marsh when the water level is at 1.5 ft (red line).



Adulticide treatments the past few weeks have been conducted with aim of minimizing the ever present *Culex nigripalpus* population to reduce the risk of West Nile Virus transmission. The peak of the season for WNV transmission is September but can occur anytime in our sub-tropical climate and there is ample standing water for this species of mosquito to breed.

Zones in yellow were sprayed by truck.

