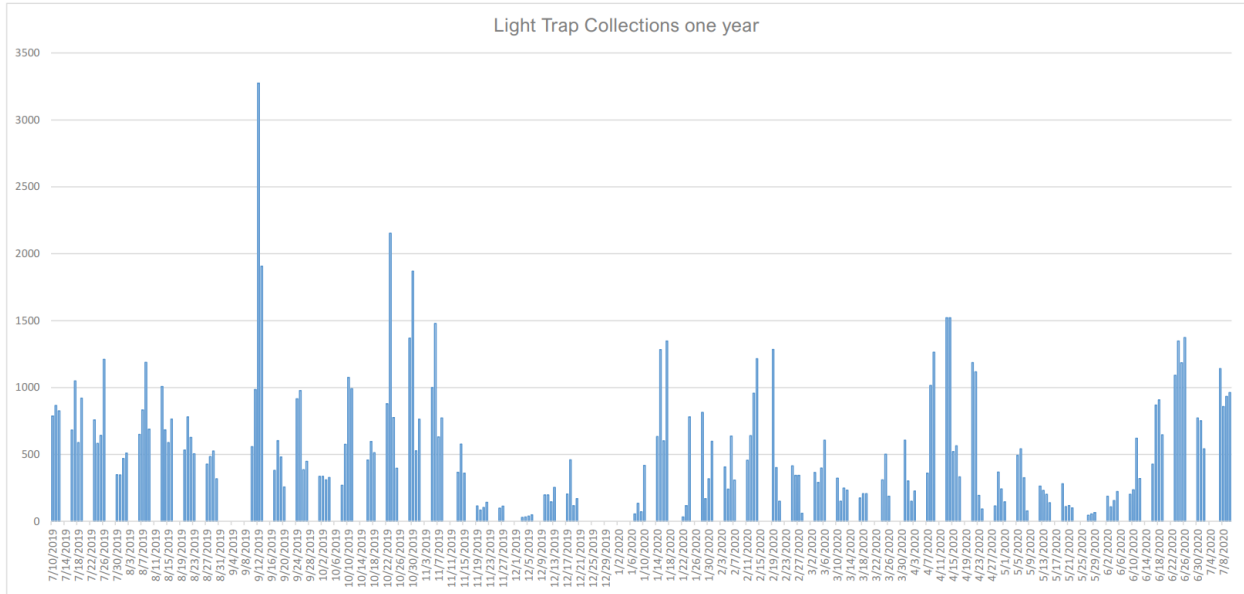
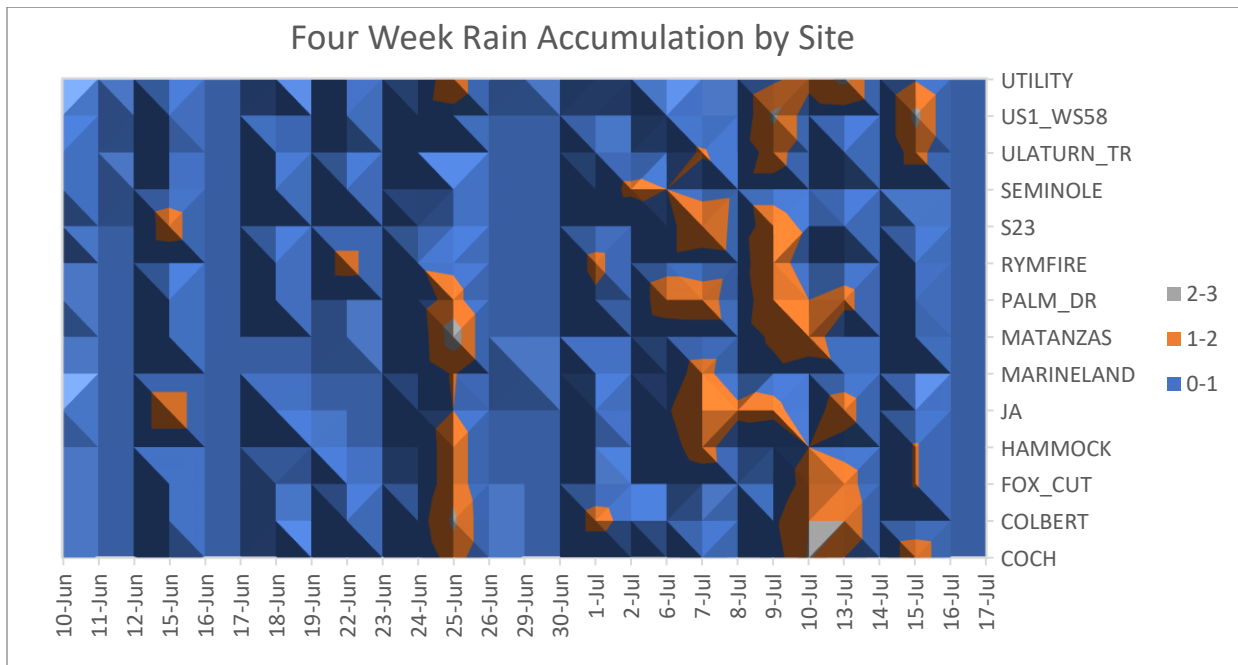


Week of 7/6/2020 Operations Update

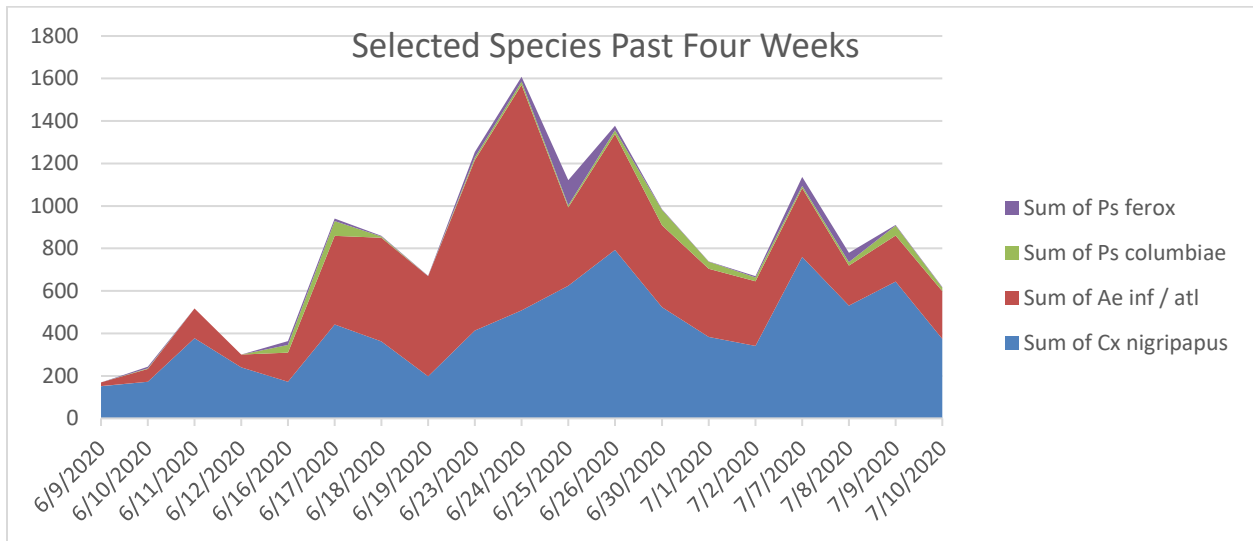
A continued emergence of mosquitoes every day throughout this week because of the current rain pattern. The bar graph below shows the total mosquitoes from all traps in the District for the past year.



Rainfall has been sporadic around the District for the past four weeks with regular scattered afternoon showers and no single large rain event. This creates a patchwork of breeding conditions for various species with a lot of variation dry/wet conditions.



With steady rain keeping some inland sites wet the population of *Culex nigripalpus* can continually replenish which is not unusual for this time of year. However, it is less common to have a persistent presence of the flood-water species *Aedes infirmatus*. Because of the regular scattered rain events we aren't seeing the typical spikes in the population of this species. When we have wide-spread rain events it creates more mosquitoes, but it makes it easier to knock them back all at once with the use of the helicopter to treat large areas. Instead, what we are seeing is more akin to a game of whack-a-mole where the traps do not register an increasing trend whereby, we can eventually treat by helicopter. Instead, we are treating in a more limited fashion because the population of mosquitoes has neither increased to high levels or in a wide-spread manner.



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

