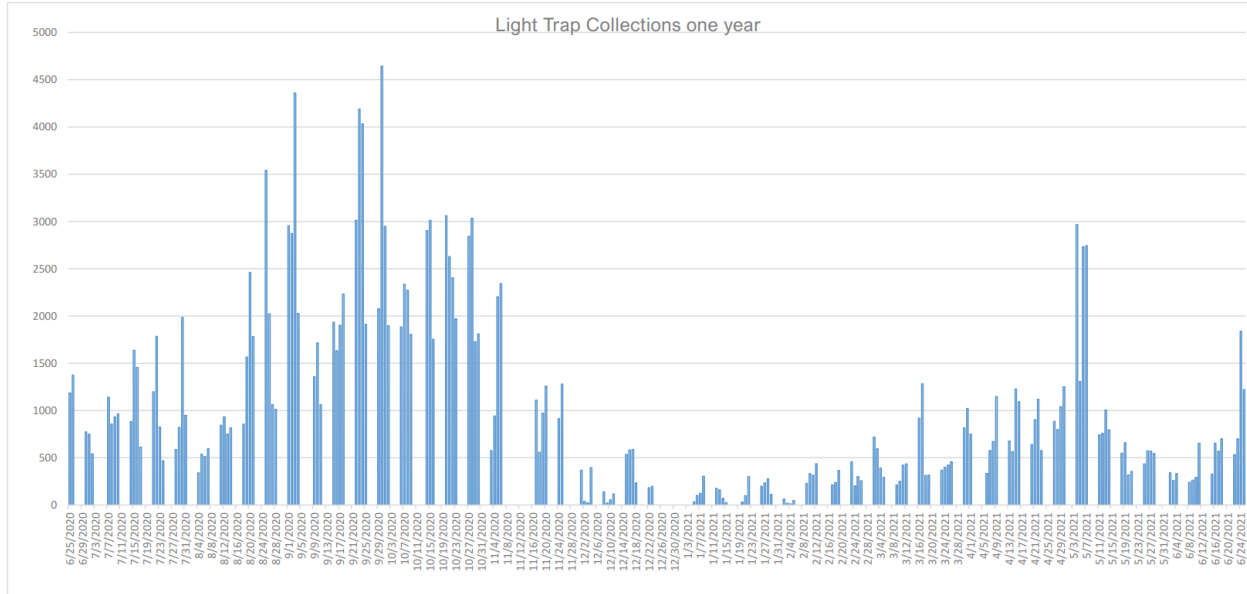
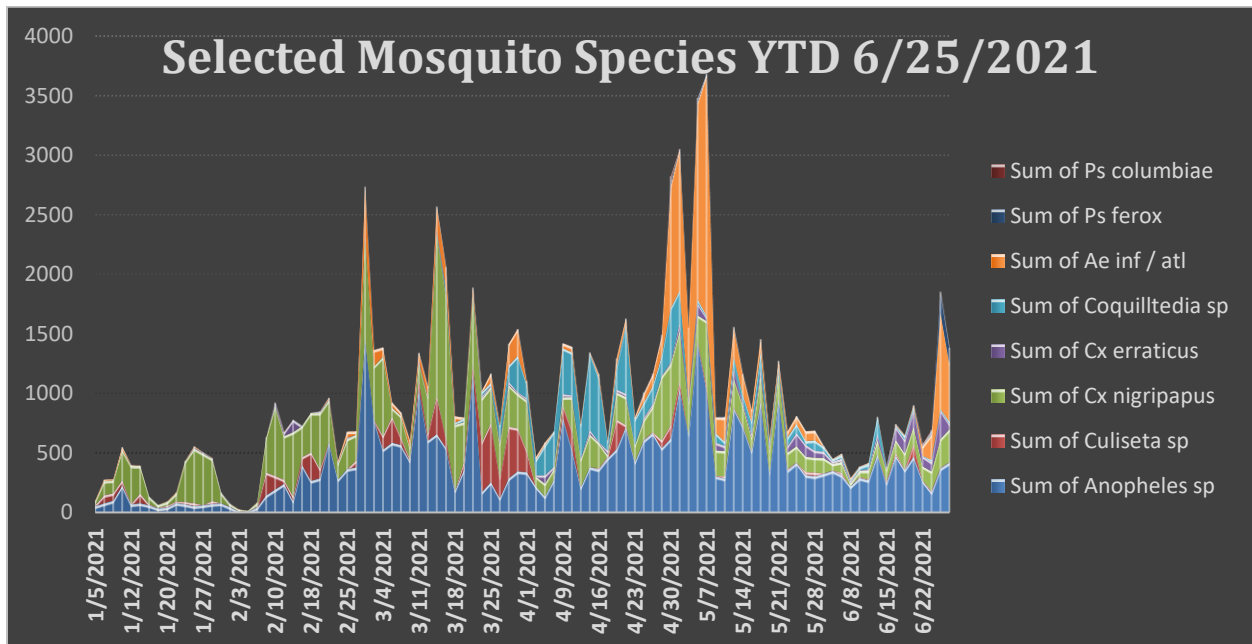


Week of 6/14/2021 Operations Update

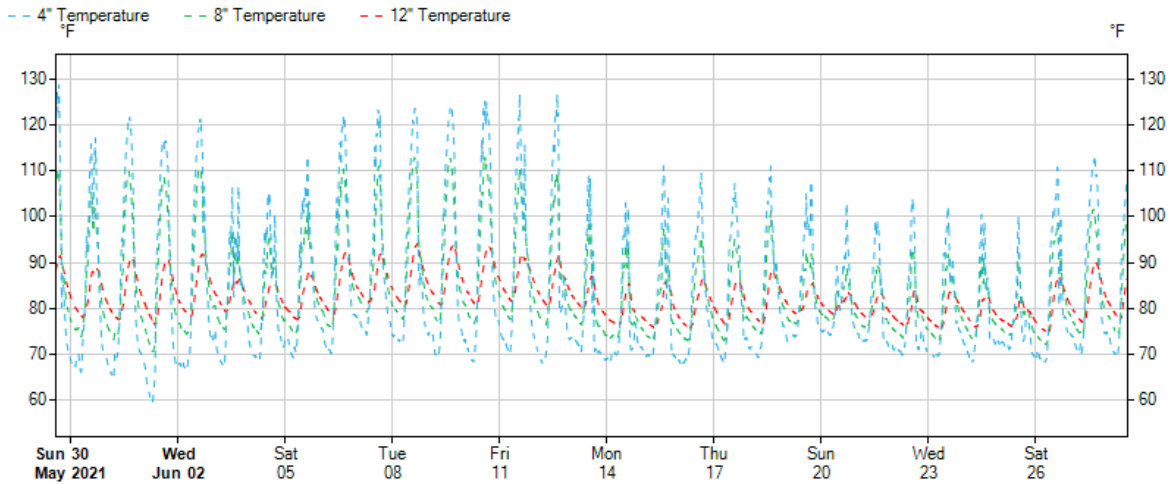
An uptick in flood-water species this week after four weeks without the need for any spraying. The bar graph below shows the total adult mosquitoes from all traps in the District for the past year (TTM).



Mid-April was the last major rain event until the weekend of 6/12-13. The graph below shows the population of the most abundant mosquito species. The population of *Aedes infirmatus* increased sharply this week about ten days post rain event.



We typically see floodwater species of mosquitoes show up in the daily traps 7-10 days after a major rain event. Temperature has a lot to do with how quickly the mosquito can progress through the life cycle. Weather conditions since the rainfall were cloudy, resulting in lower temperatures as evidenced by the graph below. The blue line is the temperature at the soil surface, showing the effect of the cloudiness on the temperatures recorded post rain event.



Zones highlighted in yellow were sprayed this week.

