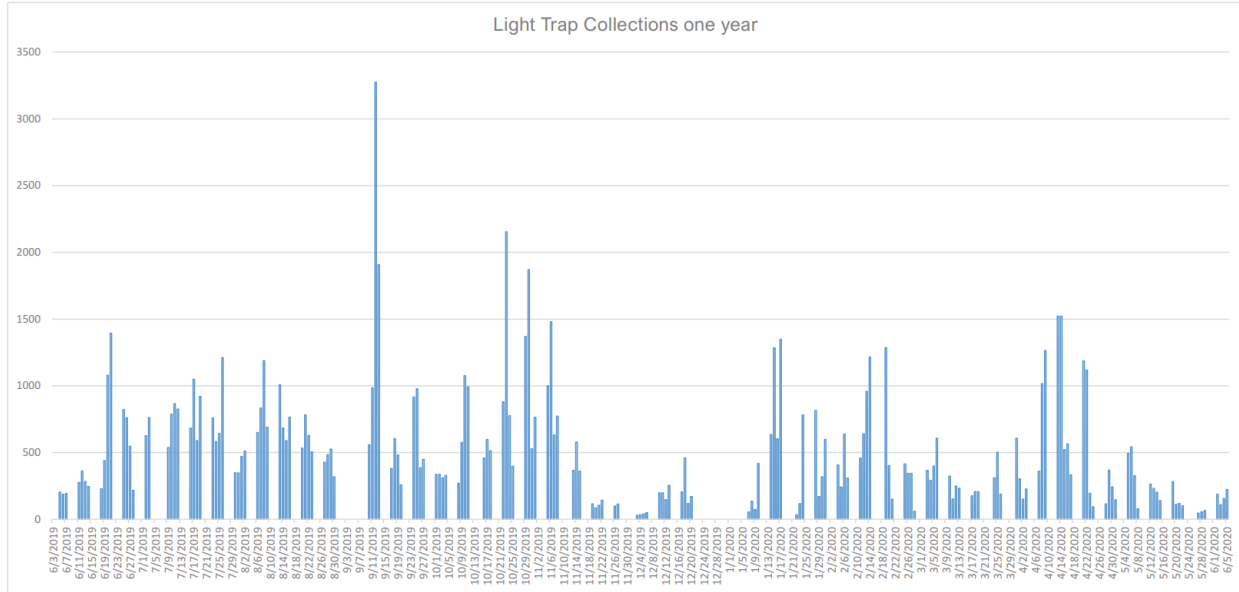
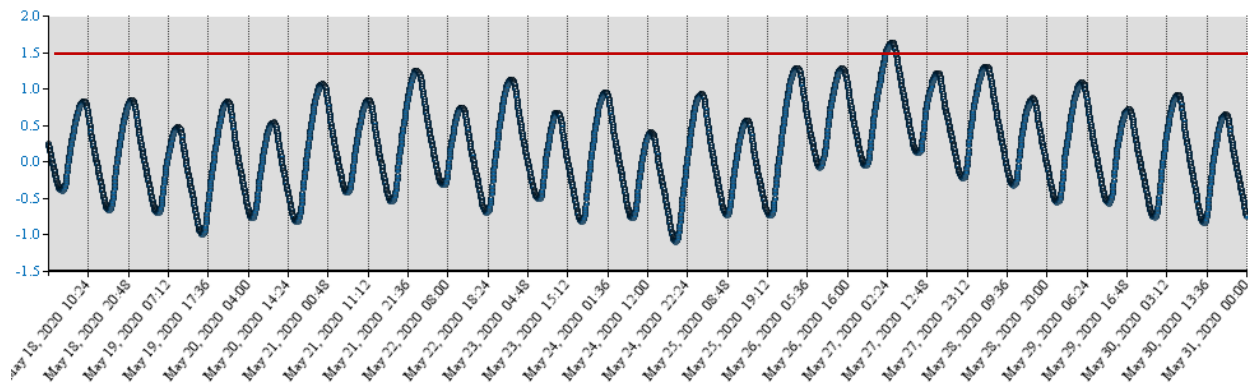


## Week of 6/1/2020 Operations Update

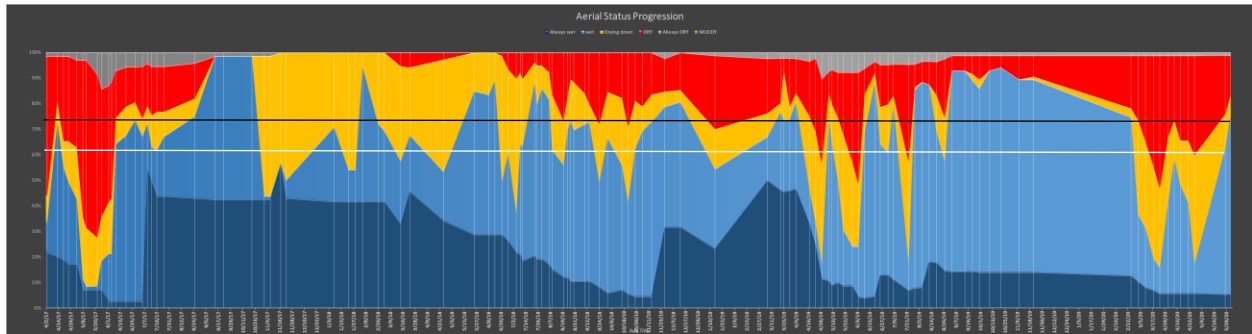
An uptick in mosquito activity this week. This time from salt marsh mosquitoes produced from a passing Tropical Depression which later became Tropical Storm Bertha. The bar graph below shows the total mosquitoes from all traps in the District.



The tidal elevation due to the passing tropical weather system recorded at Bing’s landing was above 1.5 feet on May 27 shortly after 2:30 AM (Chart Below). We saw a peak in salt marsh mosquito activity on June 5, nine days after the peak tidal elevation. We expect to see an increase seven to ten days after flooding events for the flood water species of mosquitoes during the summer months.



The chart below depicts the status of sites monitored by helicopter in the salt marsh. The white line is sites that are recently wet from the flight previous to Bertha and the black line is from the surveillance flight after the storm passed.



Zones in in blue were sprayed by truck after 10 PM, yellow zones were sprayed by truck after 2 AM.

