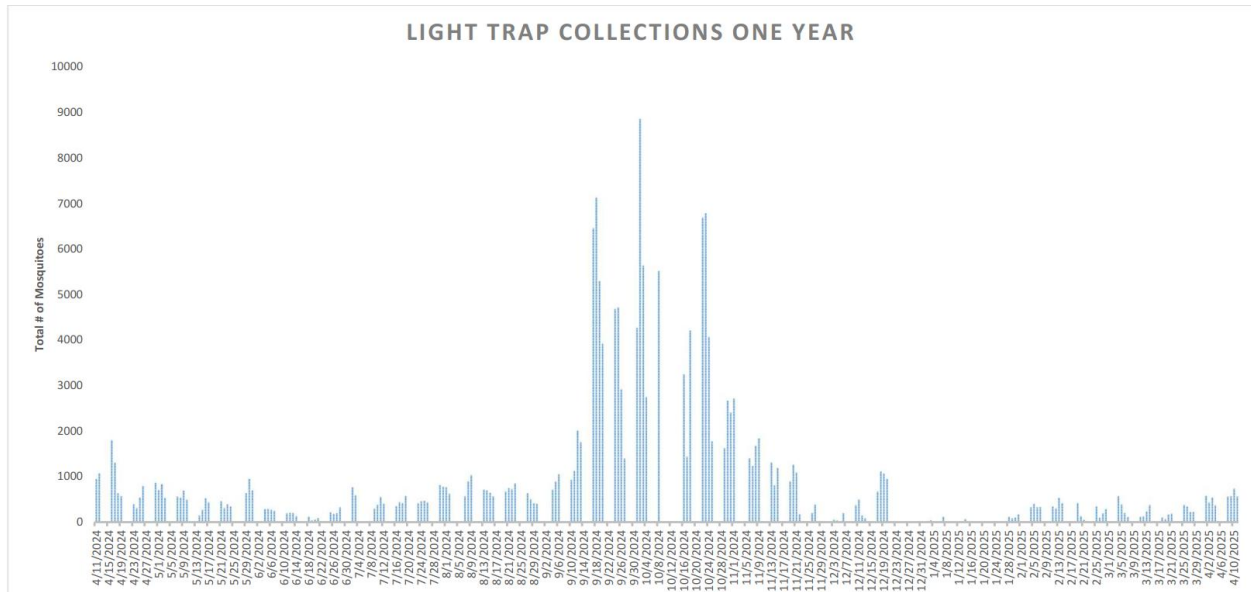


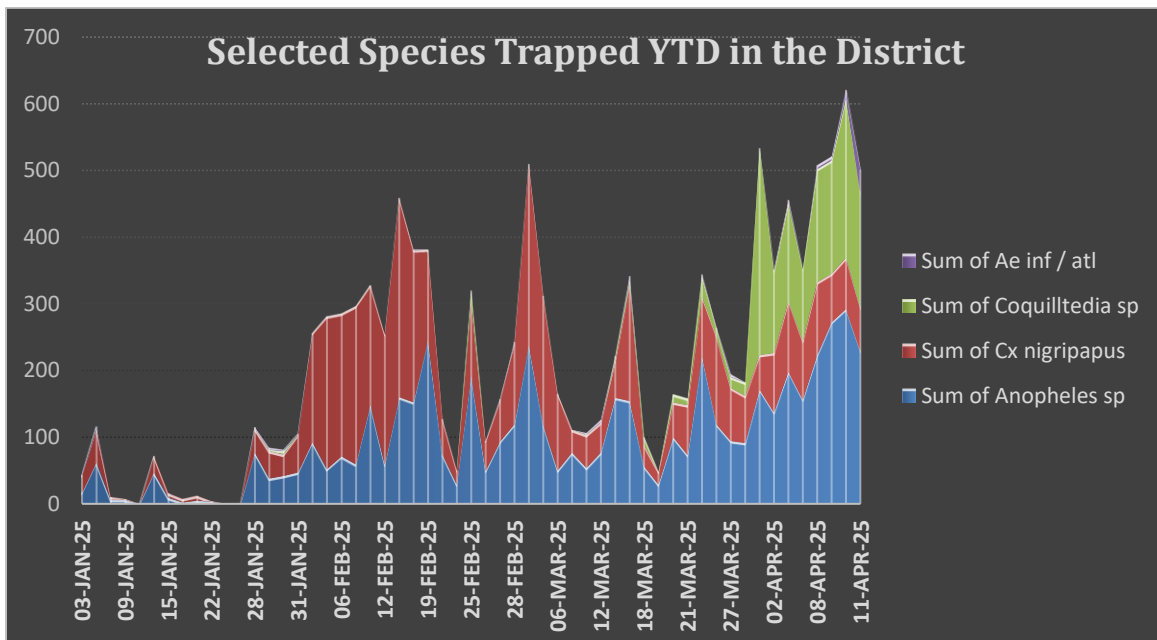


Week of 4/7/2025 Operations Update (15)

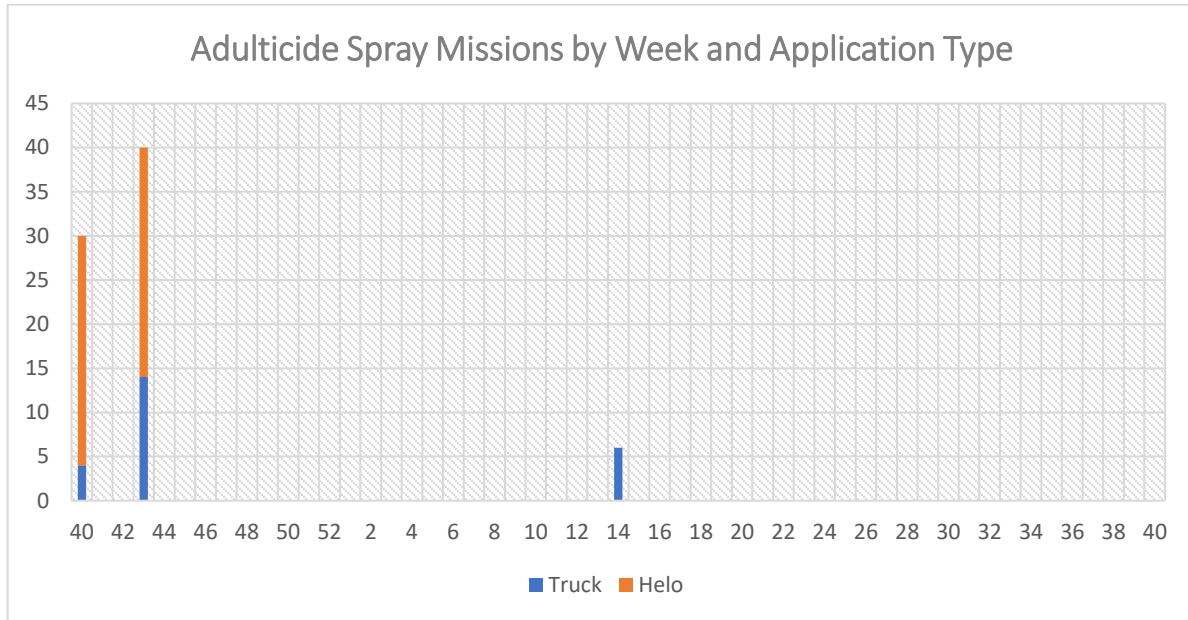
Overnight temperatures were cooler this week, reducing potential mosquito activity. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).



We haven't seen much of our main pest mosquito species for this time of year. A species of permanent water mosquito that overwinters as larvae, *Coquilletidia perturbans*, typically emerges in high numbers by mid-April. The pattern of low rainfall and low humidity have continued, but temperatures are increasing. These conditions limit their numbers by both reducing larval habitat and limiting the life span of adult mosquitoes as they desiccate under low relative humidity conditions.



We would expect to see much higher numbers of this pest mosquito in a typical year by mid-April, but that has not materialized.



No spraying this week for adult mosquitoes.

2025 Mosquito-Borne Disease Activity by County				
County	Humans	Equines	Sentinel Chickens	Other
Bay			1 WNV (3/24)	
Brevard			1 WNV (2/7)	
Citrus			4 WNV (1/6), (2/10), (2/17) 2 EEEV ((3/11), (4/1))	
Indian River			2 WNV (1/2)	
Miami-Dade	1 dengue (February)			
Orange			1 EEEV (2/24)	1 EEEV emu (1/1)
Palm Beach			10 WNV (1/7), (1/21), (1/27), (2/10), (2/17), (2/24), (3/10), (3/17)	
Pasco			1 WNV (1/13)	
Pinellas			1 WNV (1/6)	
Bay			1 WNV (3/24)	
Brevard			1 WNV (2/7)	
Seminole		1 EEEV (1/5) 1 WNV (1/5)		
Volusia			1 EEEV (1/14)	1 EEEV emu (1/2)

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