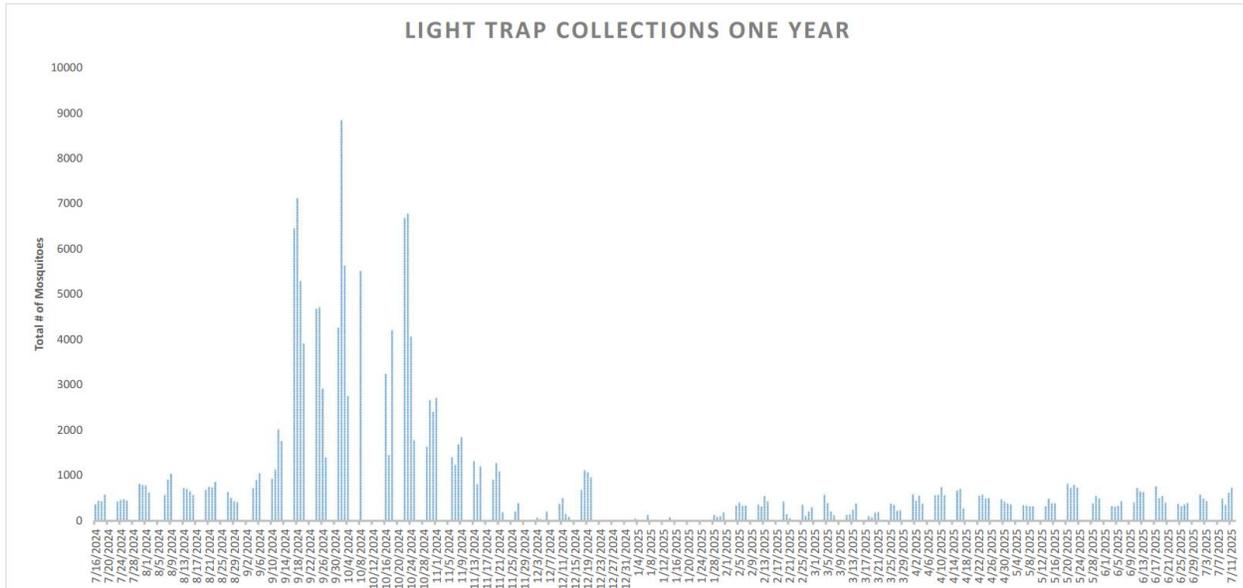


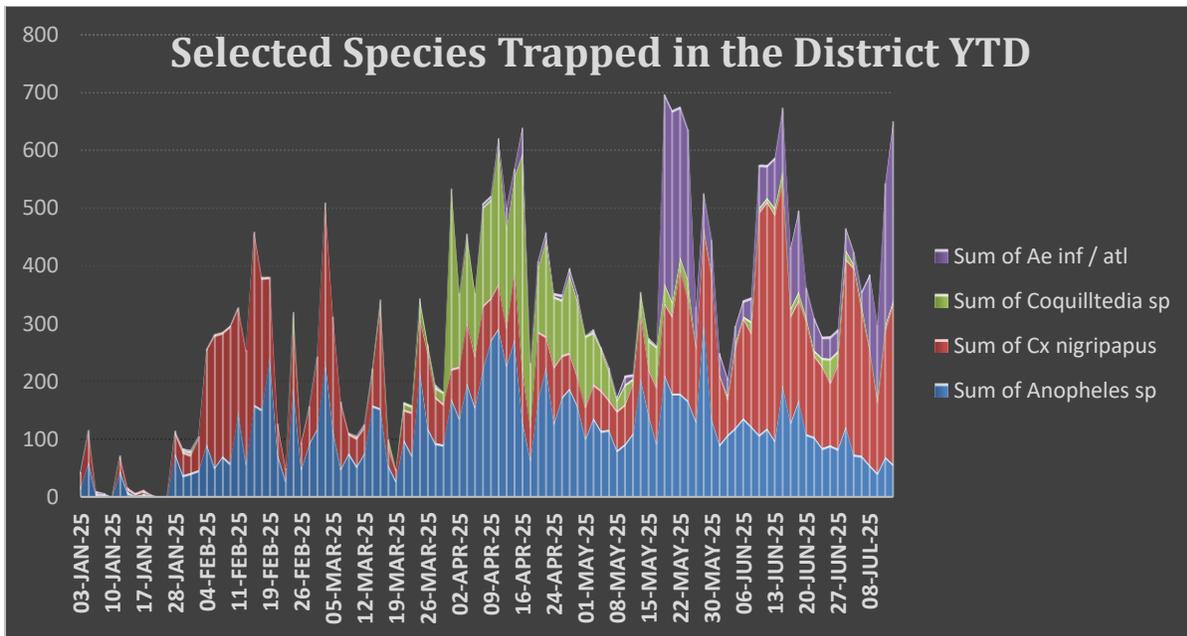


Week of 7/7/2025 Operations Update (28)

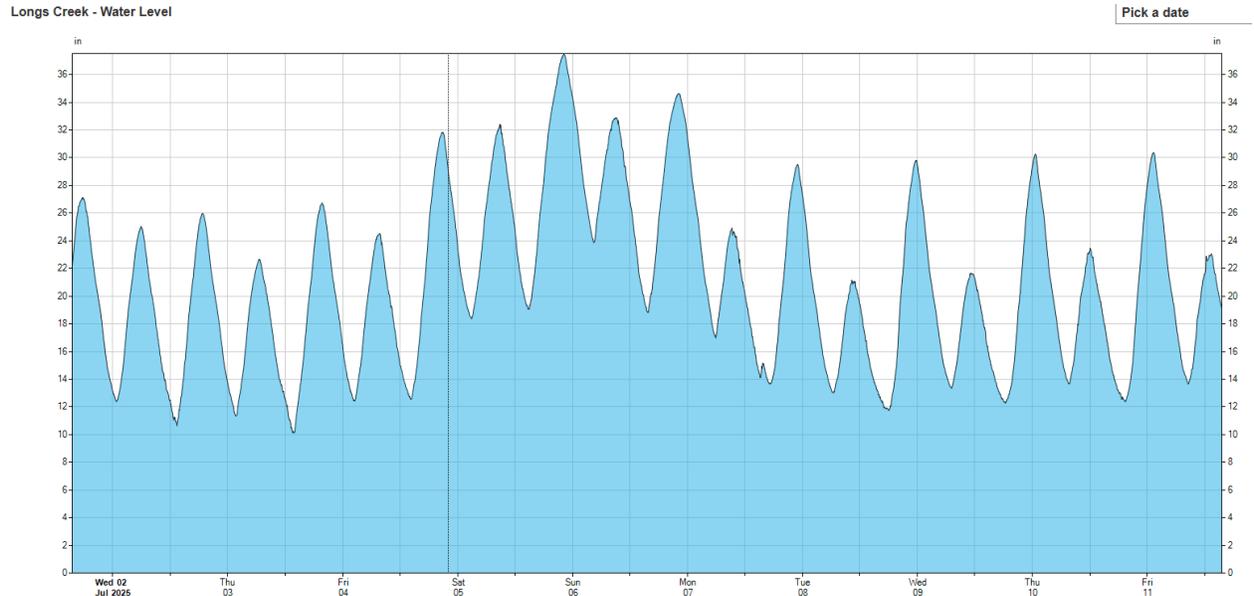
For most of the week the mosquito population was low with a continuation of infiltration of saltmarsh mosquitoes from Volusia in the Flagler Beach area. The bar graph below shows the total number of adult mosquitoes from all traps in the District for the past year (TTM).



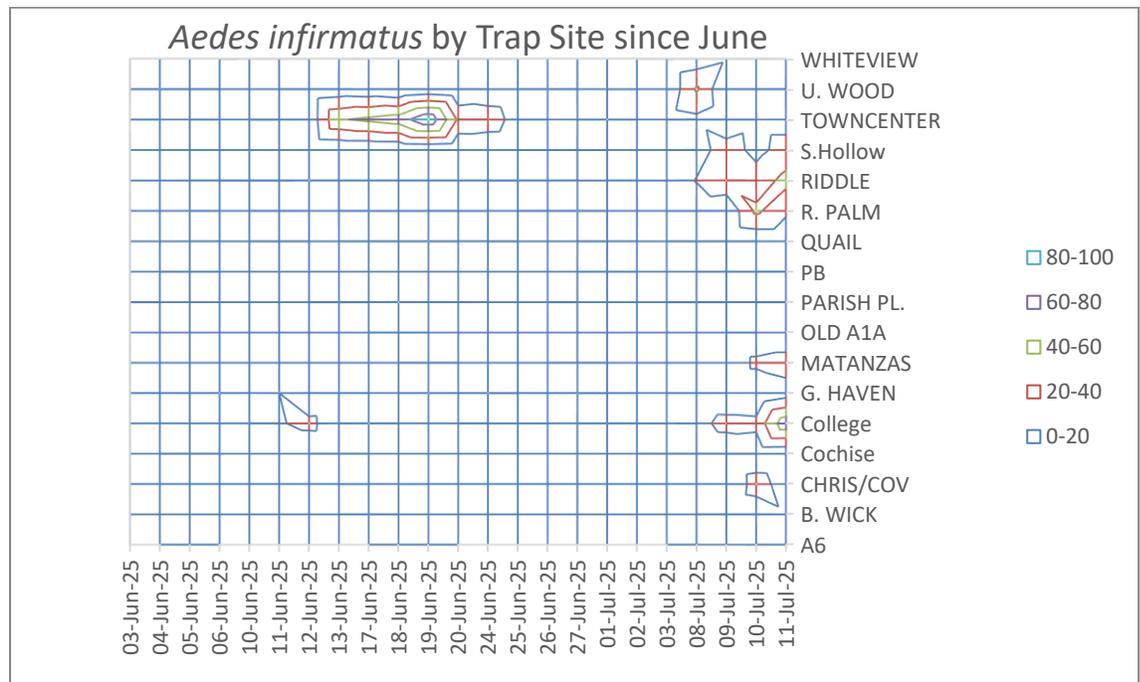
On the last day of trap reporting for the week we saw a spike in the number of *Aedes infirmatus*. We continue to see saltmarsh mosquito activity primarily in Flagler Beach. We also saw an increase in salt marsh mosquito activity North of Palm Coast around Long’s Creek. Areas of the saltmarsh that normally are wet were drying down and then flooded.



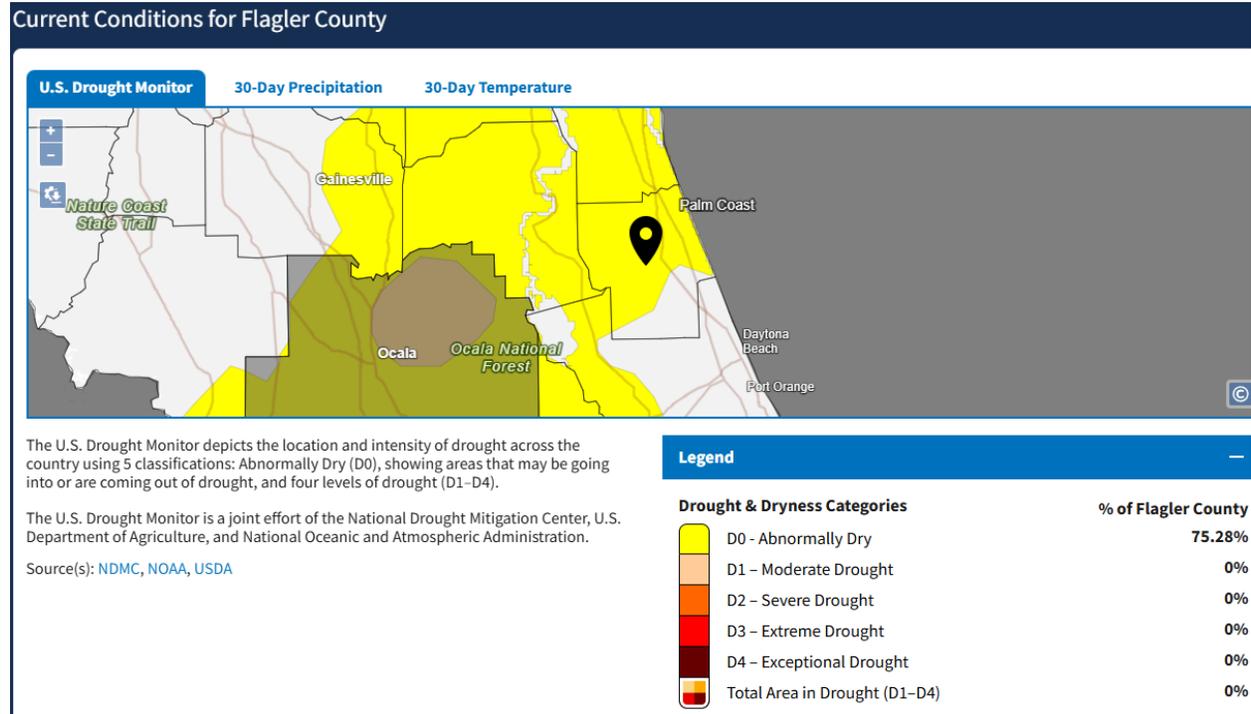
We expect to see additional saltmarsh mosquito (*Aedes taeniorhynchus*) activity from the lower areas of the high-saltmarsh (not intertidal) flooding from higher than usual tide experienced on July 6. This species of mosquito can go from egg to flying biting adult in seven days during the summer months.



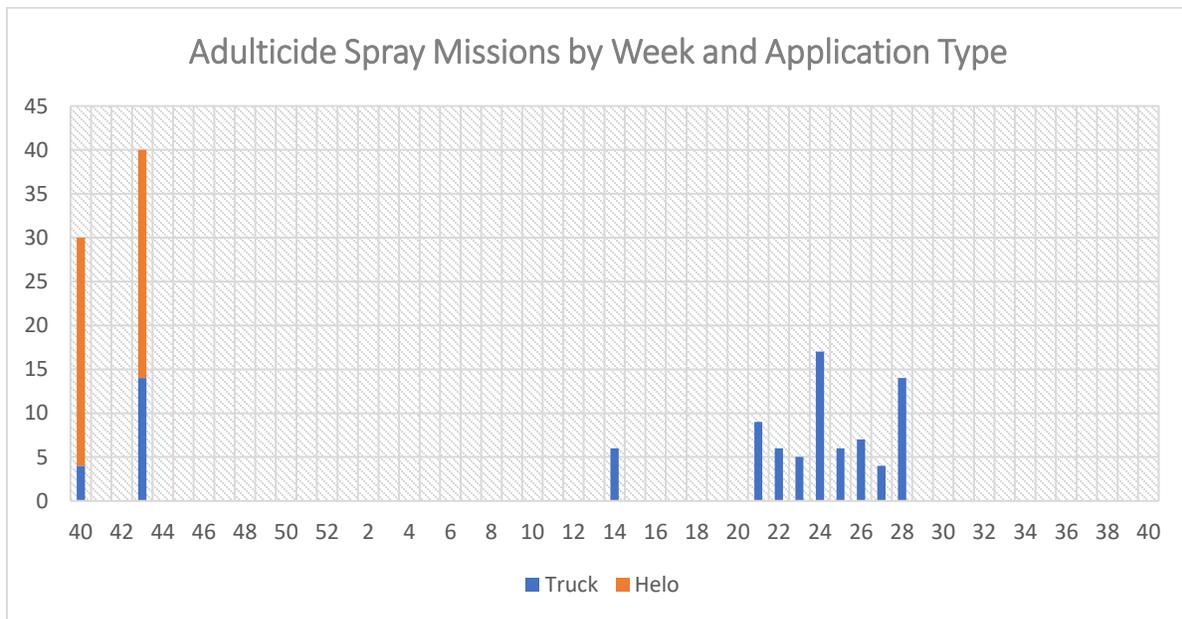
Town Center had been the sole area with floodwater mosquitoes last week but was quiet this week. This area is under construction and can produce mosquito breeding independent of rainfall. Rainfall has increased and produced a more natural distribution of mosquito breeding this week.



Rainfall in the District ranged from 0.4” to 3.6”. Flagler County no longer has area in the moderate drought (D1) category, it was at 3.35%. The percentage of Flagler County that is abnormally dry (D0) decreased from 96.65% to 75.28%.



Spraying this week for adult mosquitoes was more broadly than in previous weeks (see map at the end of the report).



2025 Mosquito-Borne Disease Activity by County

County	Humans	Equines	Sentinel Chickens	Other
Bay			1 WNV (3/24)	
Brevard	1 dengue (May)		1 WNV (2/7)	
Citrus			5 EEEV (3/11), (4/1), (4/8), (5/28) 4 WNV (1/6), (2/10), (2/17)	
Escambia	3 asymptomatic WNV blood donors (June 2), July)			
Hillsborough			1 WNV (4/21)	
Indian River			2 WNV (1/2)	
Jefferson		1 EEEV (6/12)		
Lake		1 EEEV (4/2)		
Levy		1 EEEV (6/20)		
Madison		1 EEEV (6/30)		
Miami-Dade	2 dengue (February, June)			
Orange			8 EEEV (2/24), (4/7), (6/2), (6/9), (6/16), (6/23), (6/30) 1 WNV (3/31)	1 EEEV emu (1/1)
Palm Beach			15 WNV (1/7), (1/21), (1/27), (2/10), (2/17), (2/24), (3/10), (3/17), (4/29), (5/13), (6/16)	
Pasco			1 WNV (1/13)	
Pinellas			1 WNV (1/6)	
Polk			2 EEEV (6/2), (6/9) 1 WNV (6/16)	
Seminole		1 EEEV (1/5) 1 WNV (1/5)		
St. Johns	1 asymptomatic WNV blood donor (June)			
Volusia			2 EEEV (1/14), (4/8) 1 WNV (6/23)	1 EEEV emu (1/2)
Walton			6 EEEV (5/5), (6/2), (6/23), (6/30) 1 WNV (5/19)	

Advisories/Alerts: Brevard and St. Johns counties are currently under a mosquito-borne illness advisory. Escambia and Miami-Dade counties are currently under a mosquito-borne illness alert. No other counties are currently under a mosquito-borne illness advisory or alert. See the full [DOH Report](#)

Rainfall totals for the week by manual rain gauge location in blue. Zones highlighted in yellow were sprayed by truck this week.

