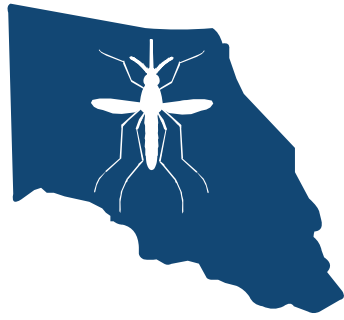




MOSQUITO ABATEMENT

ST. TAMMANY PARISH

AUGUST

monthly report

St. Tammany Parish Mosquito Abatement



Letter from the Director



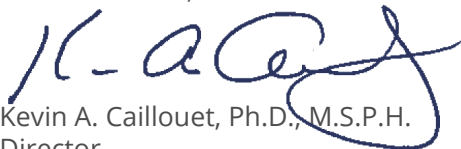
Executive Director
Kevin Caillouet,
Ph.D., M.S.P.H.

Louisiana's warm muggy weather is one reason mosquitoes love to call it home, but sometimes our weather can be too hot and dry. The last several summers have seen a dip in mosquito numbers in July and August. Despite lower mosquito numbers West Nile virus (WNV) activity in 2025 has been as high as it has been since the outbreak year of 2012. Fortunately, no new WNV human cases have been reported and WNV in mosquitoes appears to be tailing off.

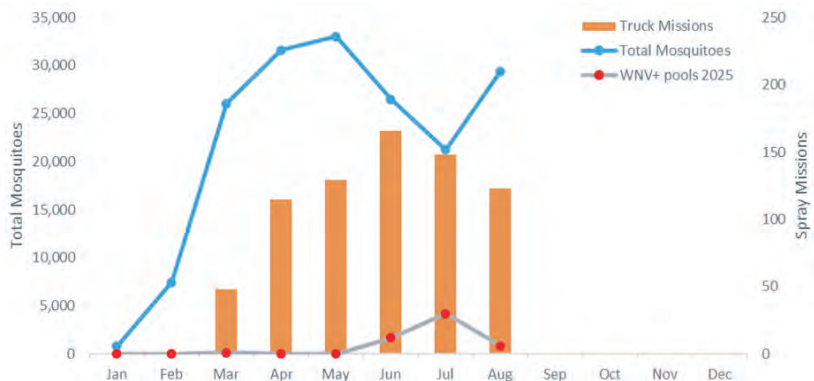
With the first cool fronts of the year come the end of the summer pattern and a different set of mosquito species. In particular, *Mansonia* spp. mosquitoes which develop while attached to the roots of floating aquatic plants become the primary species encountered along coastal communities in St. Tammany. This dark bodied large mosquito is quite painful and can ruin an evening walk. Mosquito Abatement Entomologist, **Mollie Davies**, has studied this mosquito for several years. Mollie has demonstrated that this mosquito is using multiple invasive species of plants in St. Tammany. Her work and a photo in particular was featured recently on the cover of the mosquito control trade journal Wingbeats. Congratulations Mollie!

Mosquito traps were deployed at 131 locations across St. Tammany over a total of 276 trap nights. Those trapping events collected 29,399 total mosquitoes. A third of these mosquitoes were *Mansonia* spp. Just six of the 387 mosquito pools (or groups of mosquitoes) tested for arbovirus were infected with WNV. The 2025 year-to-date total of WNV infected mosquitoes now stands at 49. Control operations covered 73,001 acres by ultra-low volume application trucks with 123 distinct treatment missions and two aerial missions covering 46,080 acres.

Yours in health,

A handwritten signature in blue ink, reading "K. Caillouet".

Kevin A. Caillouet, Ph.D., M.S.P.H.
Director



2025 year-to-date truck missions in response to mosquito and WNV data.



Cover of trade journal Wingbeats.

Let's Talk Mosquitoes!



Summer Camps

Bug Hunts
Mosquito Talks
Hands-on Activities



School Visits

Class Presentations
STEM Nights
Louisiana Days



Fairs & Festivals

Children's Booth
Mosquito Biology
View live mosquitoes

Are you hosting an event or community meeting? We would love to come talk to your group about mosquitoes and the work that we do! An important part of our integrated mosquito management plan is to increase public awareness of the threat that mosquitoes pose to their community and educating folks on the science behind our operation. Our team is available to visit schools, summer camps, fairs and festivals, and speak at local community organizations monthly meetings. We are also happy to schedule a time for your group to come to our facility, for a behind the scenes look at how we work for our residents. If you are interested in having us come to your next event, scan the QR code below and send us your event details!



Scan here
to request
a presentation!



Community Organizations

Mosquitoes and
Operational talk to
clubs, HOA,
professional groups



Facility Tours

School Visits
Homeschool
Groups; Scout
Troops; local orgs;
Open House events



Property Inspections

Schedule a visit with
a Mosquito Biologist
to review the habitat
in your yard!

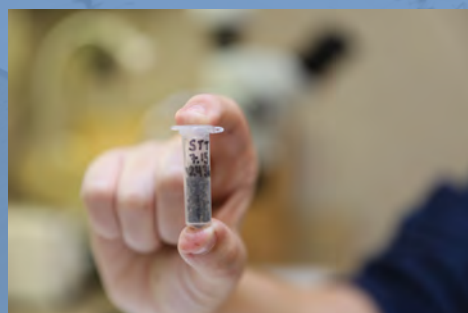
August Arbovirus Report

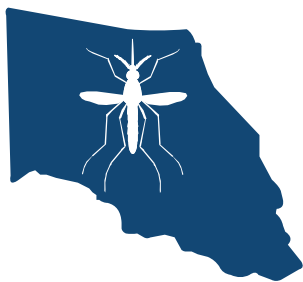


Six of the 387 pools tested (1.6%) were positive for West Nile virus (WNV) in the month of August and 49 WNV-infected pools out of 3001 pools tested for the year-to-date. Adult mosquitoes are collected using No Light CO₂-baited CDC traps and tested in pools (or groups) via RT-PCR, here at STPMAD.

A total of 9,441 mosquitoes were collected and tested for WNV during July 2025 across St. Tammany Parish. Populations of *Culex salinarius*, a secondary WNV vector, accounted for 35.8% of mosquitoes submitted for virus testing. *Culex nigripalpus*, another secondary WNV vector, and second most abundant species comprised 27.7% of the mosquitoes collected and tested for WNV.

The Louisiana Department of Health has reported seven cases of WNV Neuroinvasive Disease in St. Tammany Parish, this year-to-date.





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