

# North Shore Mosquito Abatement District

## Weekly Report

Surveillance Results For: 09/23/2023 - 09/29/2023  
 Week Number: 39 (Final for the 2023 Season)

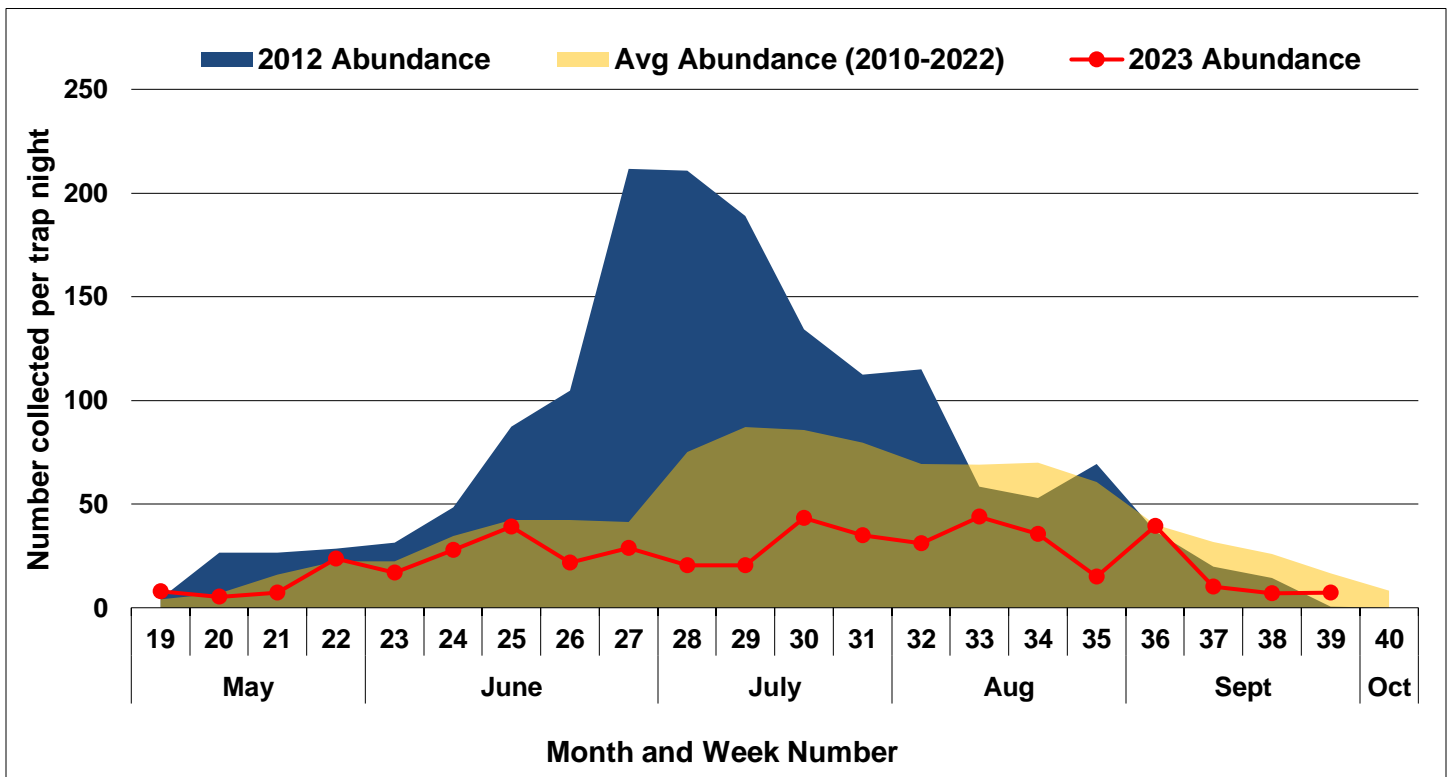
Date of Report: 10/04/2023

### West Nile Virus Surveillance

**WNV Risk Level:** The risk of infection is low. Trapping and testing of mosquitoes has been discontinued for the 2023 season. Although the risk is low, people should continue to take personal protection measures until the first hard freeze. Please see the Vector Index on page 2, for more information regarding risk. People are strongly encouraged to **take personal protection measures**, most importantly, using an EPA registered [mosquito repellent](#). Additionally, wearing proper attire and **eliminating or draining items** that can hold **stagnant water** around their property will **help to further reduce risk**. Please [contact the NSMAD for assistance](#) with large areas of standing water or a property inspection.

Municipality	Batches Tested This Week		Batches Tested Season Total	
	# WNV+	# Tested	# WNV+	# Tested
Evanston	3	8	70	260
Glencoe	0	0	13	51
Glenview/Golf	1	3	43	127
Kenilworth	0	1	21	73
Lincolnwood	0	2	25	88
Morton Grove	0	0	20	80
Niles	0	0	8	41
Northbrook	0	0	4	21
Northfield	0	1	19	76
Skokie	1	5	44	193
Wilmette	0	1	28	73
Winnetka	0	3	23	75
<b>Total</b>	<b>5</b>	<b>24</b>	<b>318</b>	<b>1158</b>

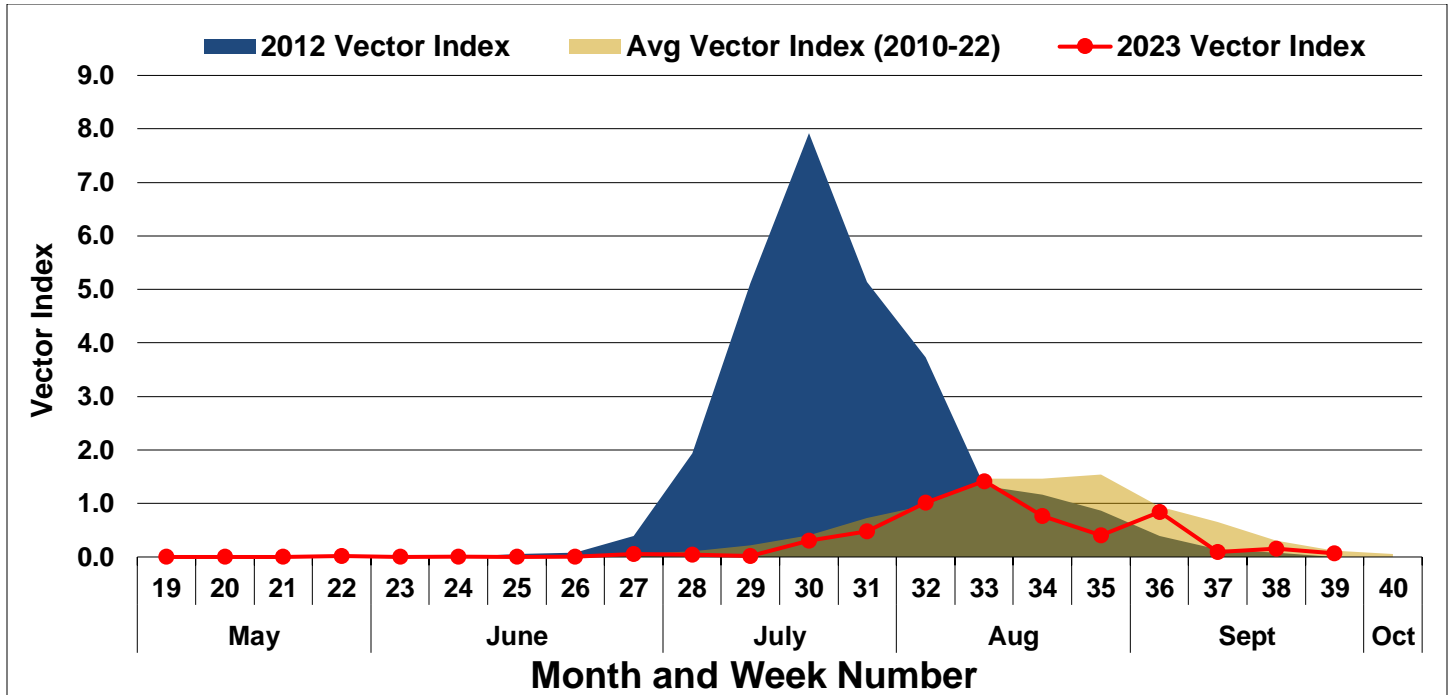
**WNV Vector Abundance:** There was a decrease in *Culex spp.* abundance during week 39. **Please, drain or eliminate items that can hold stagnant water from your property.** [Contact the NSMAD for assistance.](#)



# North Shore Mosquito Abatement District

**Vector Index:** The Vector Index (VI) is a measure of the number of infected *Culex* spp. mosquitoes in the District and is directly related to risk of human infection. Abundance and infection rate are used to calculate the Vector Index. We track the weekly Vector Index relative to prior epidemic and non-epidemic years shown in the graph below. **The NSMAD considers a VI of 0.00-1.00 low risk, a VI of 1.01-3.0 moderate risk, and a VI of 3.01 or greater to be high risk.**

The vector index for week 39 was 0.07, an increase from the previous week's 0.15. The risk of infection is low.



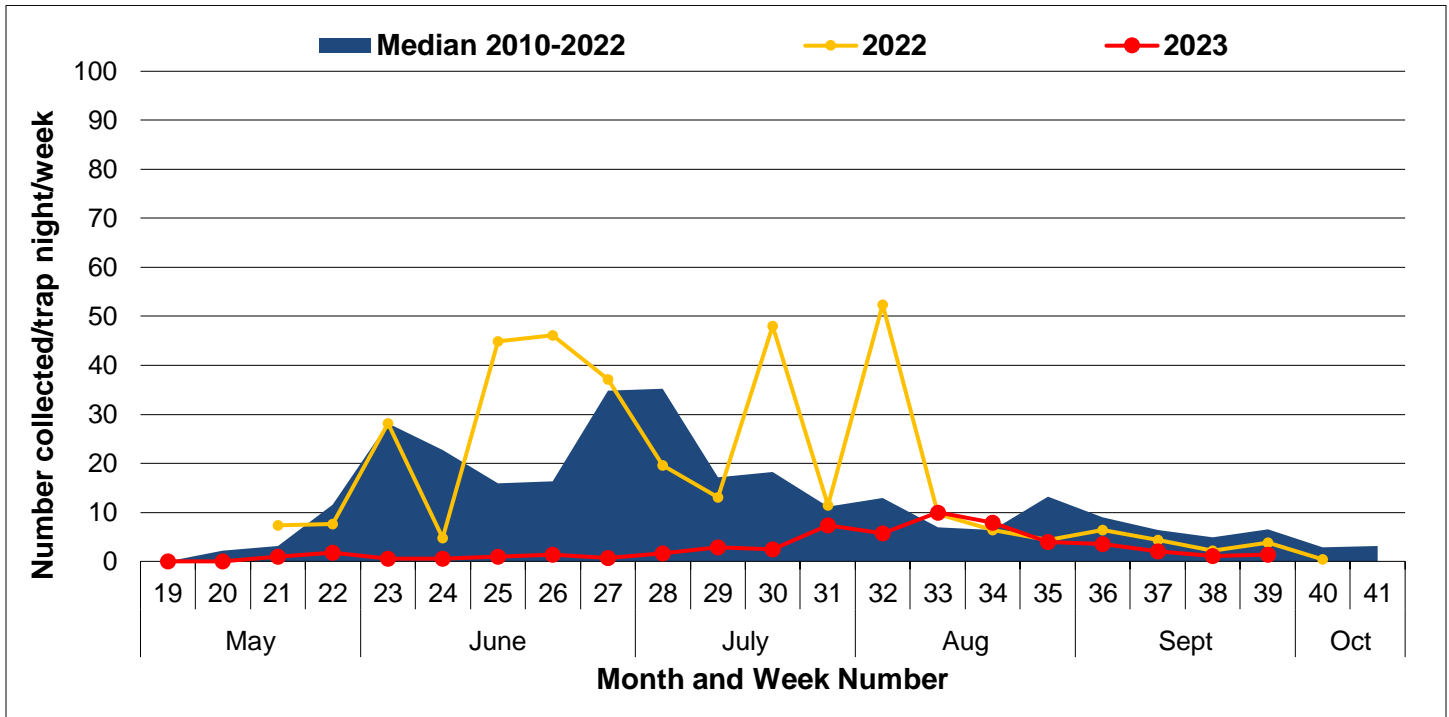
Vector Index during most recent outbreak year (2012), average of non-outbreak years 2010-2022 and current year 2023.  
 Vector Index = estimate of the number of WNV-infected *Culex pipiens* collected per trap, per day

# North Shore Mosquito Abatement District

## Nuisance Mosquito Surveillance

Surveillance Data: Residents are urged to dump, drain and eliminate items that hold water and/or [contact the NSMAD for additional support](#). It's the smaller items around your property could be breeding the mosquitoes that can spread disease.

## New Jersey Light Trap Collections



## Control Operations

For the most current treatment data, [click here](#) to visit our [Real Time Treatment Activity app](#) on our website.

Activity	Number
Resident Service Requests	108
Larval Control Treatments (Non-Catch Basin)	2,621
Biting Mosquito Complaints	16
Site Inspections	7,441
Tires Collected	157
Storm Water Catch Basins Treatments	71,829

## Larval Control and Source Reduction

**Municipalities, please let us know if/when there is any scheduled or emergency catch basin cleaning within your community.**

Treatments of domestic and commercial properties, as well as, home and neighborhood inspections will continue until the end of October. **Please double check your property for any potential water holding items and drain or eliminate them.** Residents are encouraged to [contact us for assistance](#) with larger areas of standing water or for a property inspection.

# North Shore Mosquito Abatement District

## Adult Mosquito Control Operations

There were no adult mosquito control operations during week 39. The NSMAD did not conduct any adult mosquito control operations during the 2023 season.

## Public Information

The NSMAD information booth will be at New Trier Township's FallFest Community Wellness Fair at the North Shore Senior Center on Saturday, October 21, from 10:00 AM – 1:00 PM.

**Please inspect your property for items that may contain stagnant water. If it can hold water, it can breed mosquitoes.**

Prior to hiring a private mosquito control company, residents are encouraged to [contact us](#) first. One of our Field Technicians will perform a free inspection and treat any water with the appropriate larval control product, as well as, provide additional info regarding your particular mosquito issues.

**Got Tires? Want to dispose of them properly? [Click here to learn how the NSMAD can help.](#)**

The NSMAD information booth is available to appear at events. Please contact Dave Zazra ([dzazra@nsmad.com](mailto:dzazra@nsmad.com)) to learn more.

## Human Surveillance

The Cook County Department of Public Health informed us of two human case in the District. Please visit the [Illinois Department of Public Health](#) website for additional human West Nile virus case information.

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