

# North Shore Mosquito Abatement District

## Weekly Report

Surveillance Results For: 09/07/2019 - 09/13/2019  
 Week Number: 37

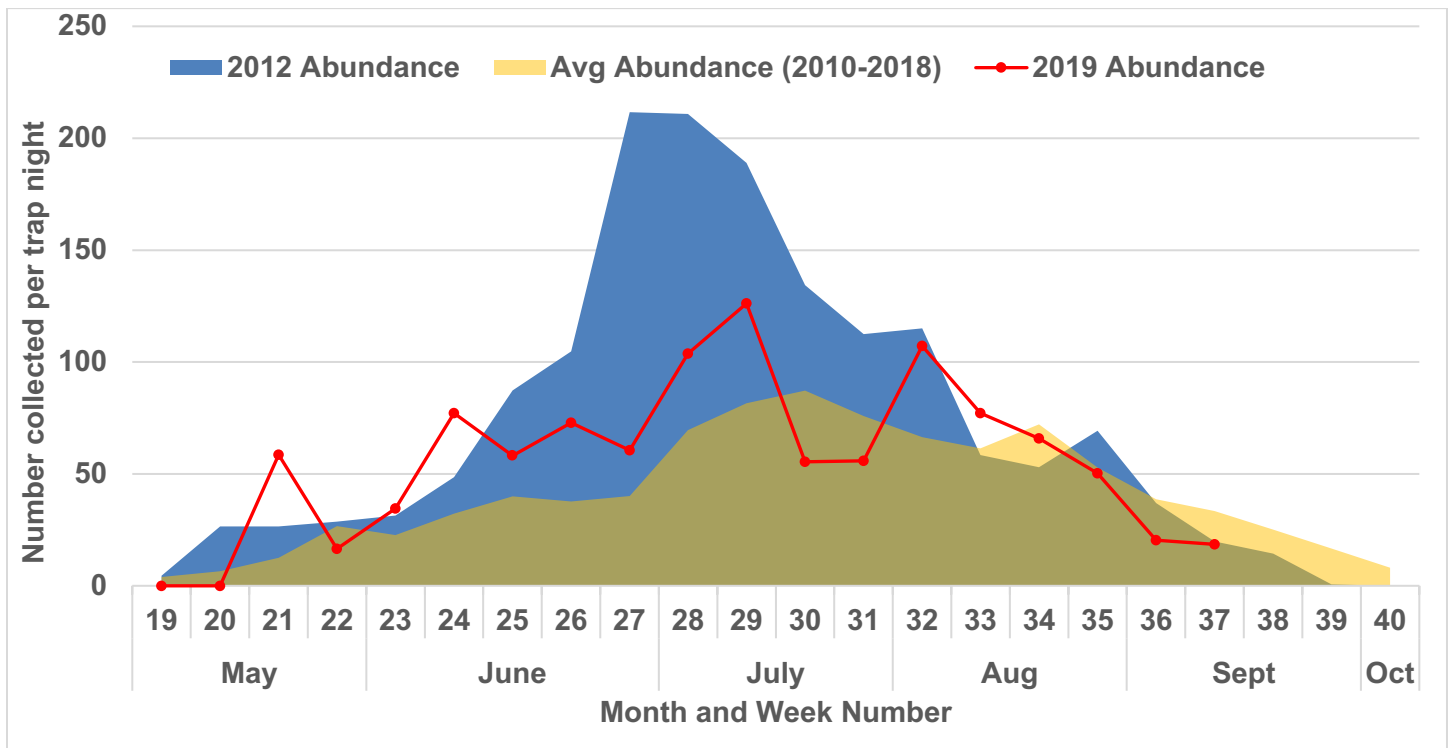
Date of Report: 09/18/2019

### West Nile Virus Surveillance

**WNV Risk Level:** The risk of human infection remains moderate. People are advised to **take personal protection measures** including using repellent, proper **attire** and eliminating **standing water sources** where possible.

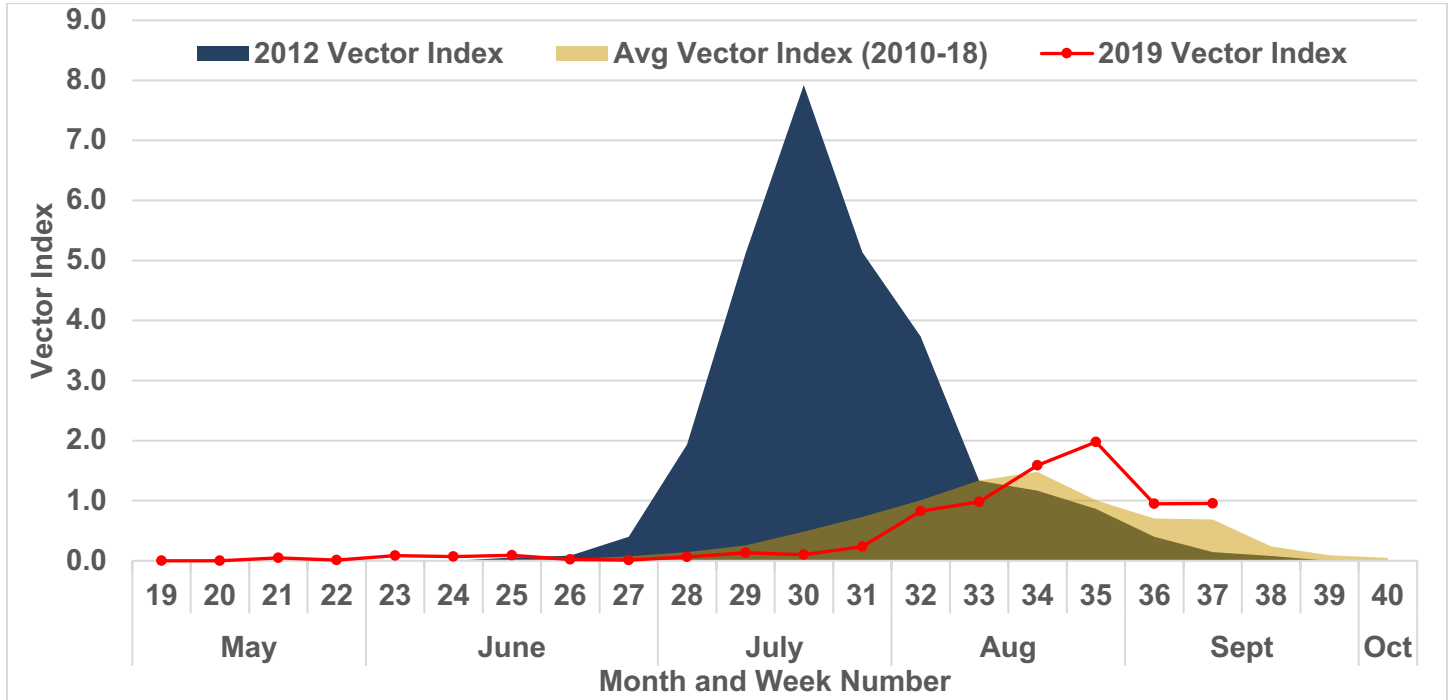
Municipality	Batches Tested This Week		Batches Tested Season Total	
	# WNV+	# Tested	# WNV+	# Tested
Evanston	14	17	90	469
Glencoe	1	3	10	116
Glenview/Golf	6	9	62	213
Kenilworth	0	1	10	77
Lincolnwood	1	3	5	92
Morton Grove	2	2	32	92
Niles	0	1	21	120
Northbrook	0	1	7	83
Northfield	1	1	7	80
Skokie	11	12	94	360
Wilmette	4	4	48	148
Winnetka	1	2	13	104
<b>Total</b>	<b>41</b>	<b>56</b>	<b>399</b>	<b>1954</b>

**WNV Vector Abundance:** *Culex* spp. mosquito abundance continued to decrease during week 37 as indicated by our gravid trap collections.



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**Vector Index:** The vector index during week 37 was 0.96. A vector index of one is associated with increased human risk.



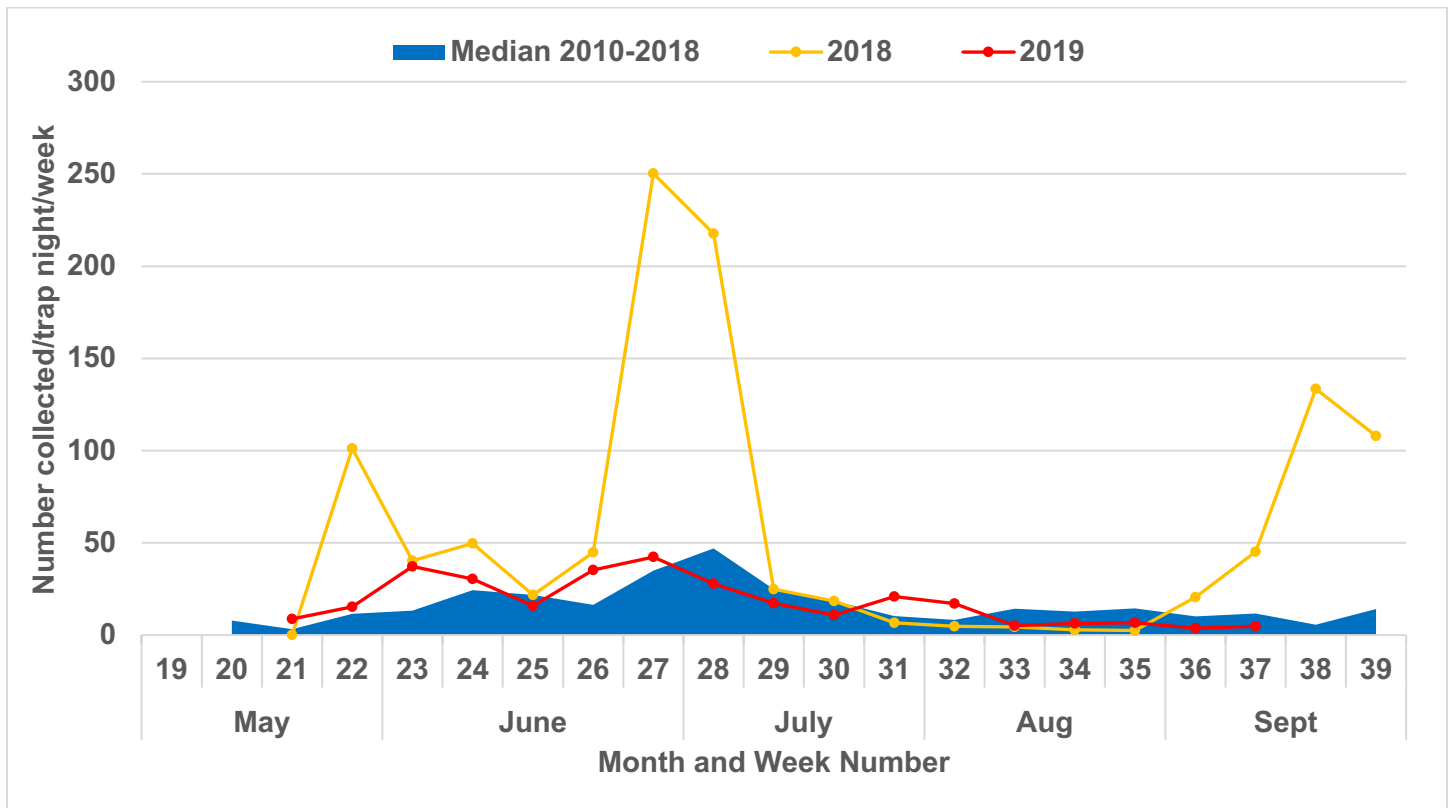
Vector Index during most recent outbreak year (2012), average of non-outbreak years 2010-2018 and current year 2019.  
 Vector Index = estimate of the number of WNV-infected *Culex pipiens* collected per trap, per day.

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## Nuisance Mosquito Surveillance

**Surveillance Data:** Collections from our New Jersey Light Traps during week 37 continued to decline indicating a decrease in floodwater mosquito abundance (*Aedes* spp.). Heavy rains at the end of week 37 may produce a brief increase in nuisance mosquitoes if temperatures continue to be above average.

## **New Jersey Light Trap Collections**



## Human Surveillance

At the time of this report, the [Illinois Department of Public Health](#) is reporting five human cases of WNV, three of which are residents of Cook County, one is a resident of Kankakee County and one is a resident of Sangamon County.

## Larval Control and Source Reduction

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

NSMAD staff is responding to floodwater and off-road sites as needed. The third round of catch basin treatments is continuing.

## Adult Mosquito Control Operations

There were no adult mosquito control operations during week 37. Please see our [website](#) for the most current information about adult control operations.

## Public Information

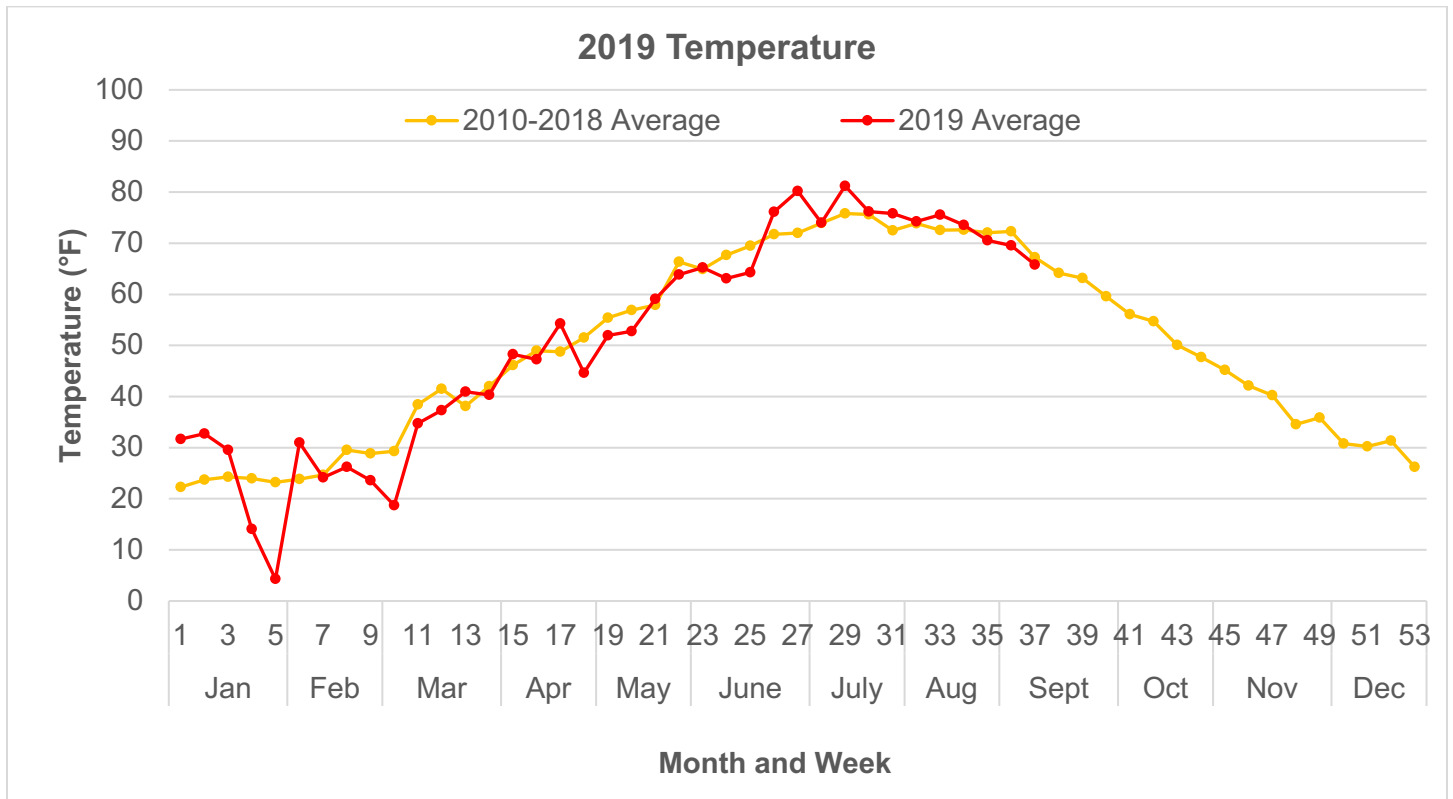
**Please inspect your property for items that may contain stagnant water. If it can hold water, it can breed mosquitoes.**

Please contact us if you would like the NSMAD public information booth to appear at an event or if a presentation regarding mosquitoes and public health would be helpful to your community.

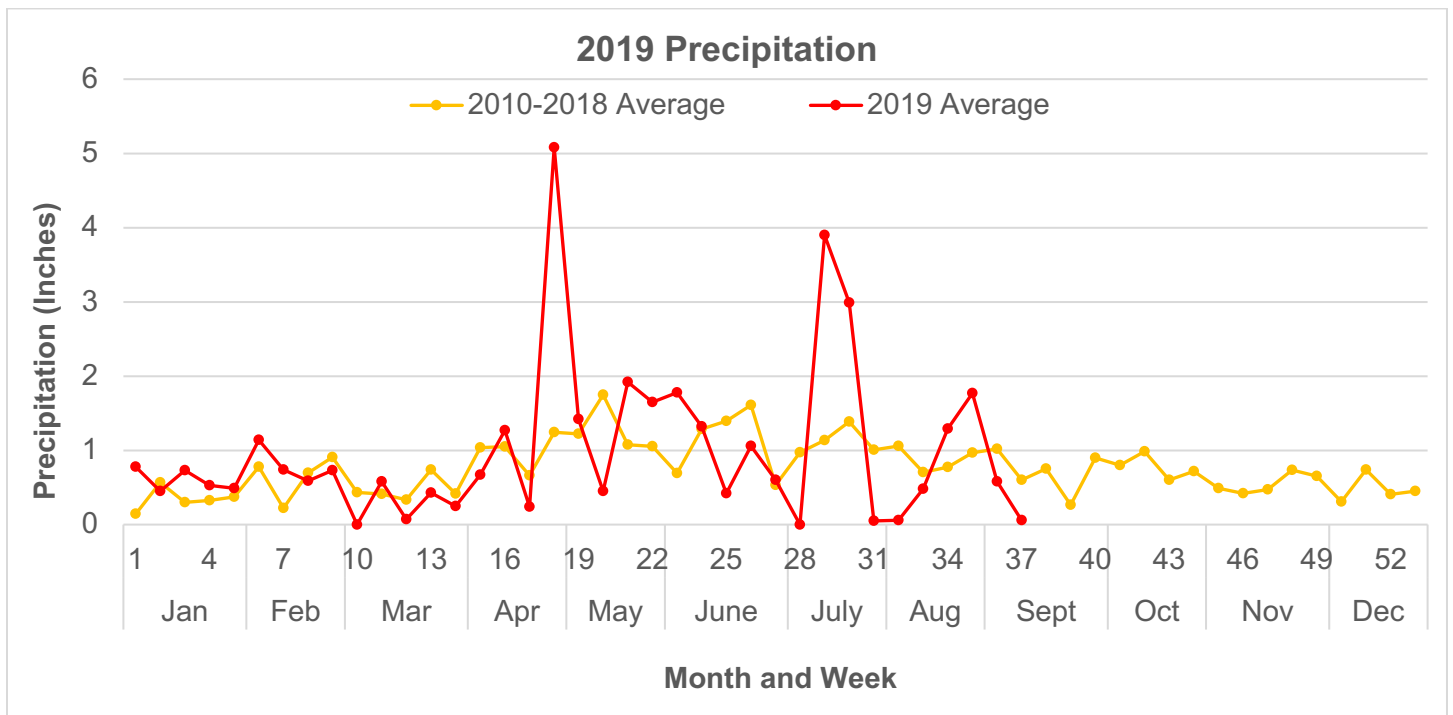
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## Weather Monitoring

The graphs below show the total precipitation and average daily temperature for 2019, as well as, the historical average (2010-2018).



Source: NOAA Station: Chicago Palwaukee Airport, IL US GHCND: USW00004838



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