

North Shore Mosquito Abatement District

Weekly Report

Surveillance Results For: 08/31/2019 - 09/06/2019

Date of Report: 09/11/2019

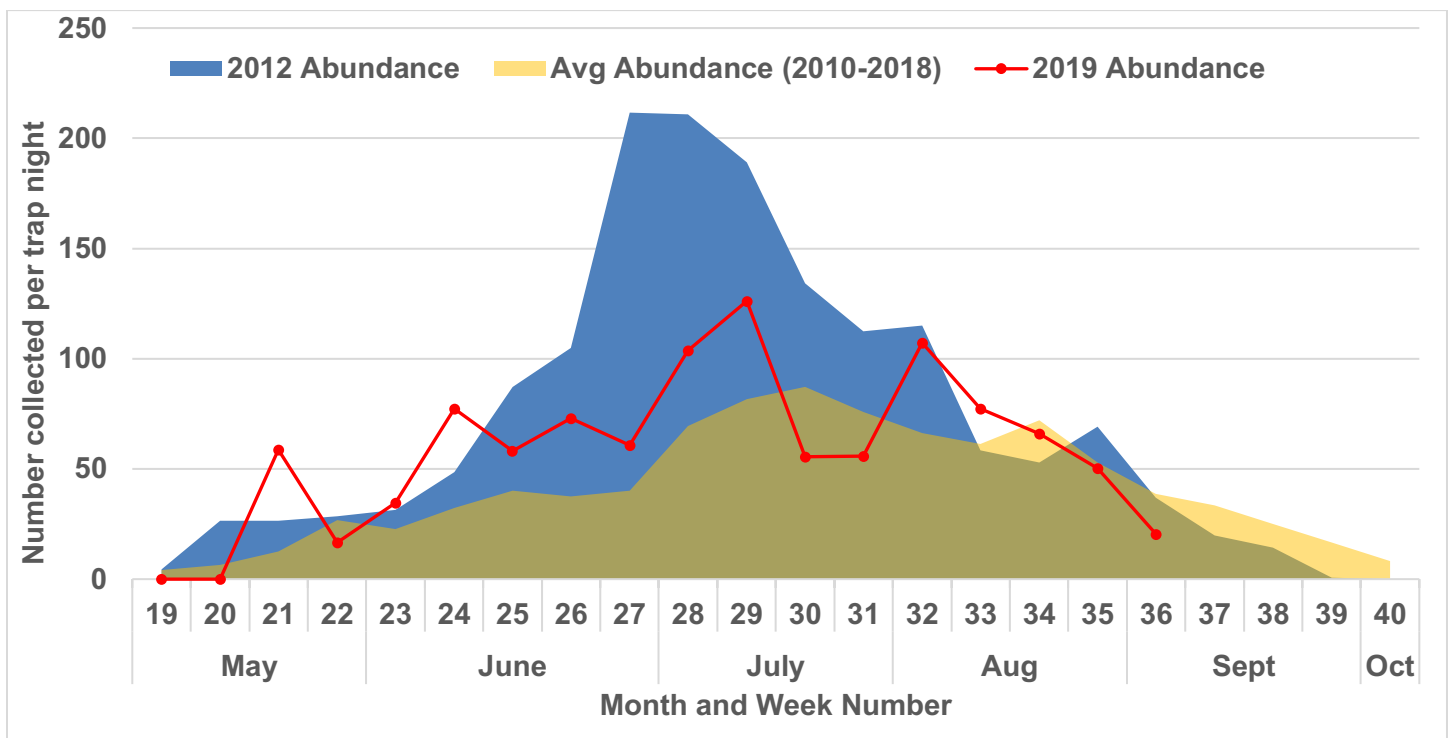
Week Number: 36

West Nile Virus Surveillance

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

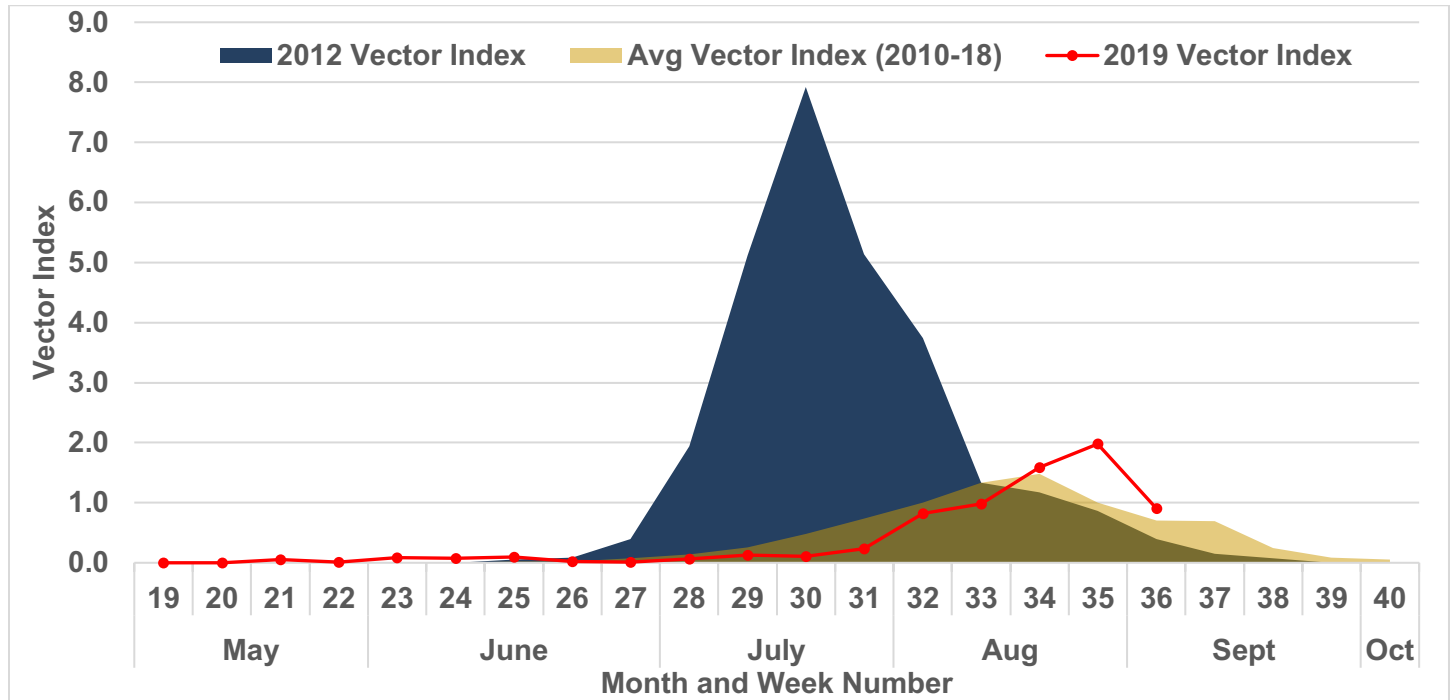
Municipality	Batches Tested This Week		Batches Tested Season Total	
	# WNV+	# Tested	# WNV+	# Tested
Evanston	11	15	75	452
Glencoe	0	2	9	113
Glenview/Golf	9	10	56	204
Kenilworth	0	1	10	76
Lincolnwood	1	2	4	89
Morton Grove	2	2	30	90
Niles	1	2	21	119
Northbrook	0	2	7	82
Northfield	1	2	6	79
Skokie	11	12	83	348
Wilmette	6	7	44	144
Winnetka	1	2	12	102
Total	43	59	357	1898

WNV Vector Abundance: *Culex* spp. mosquito abundance continued to decrease during week 36 as indicated by our gravid trap collections.



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Vector Index: The vector index decreased to 0.90 during week 36. A vector index of one is associated with increased human risk.



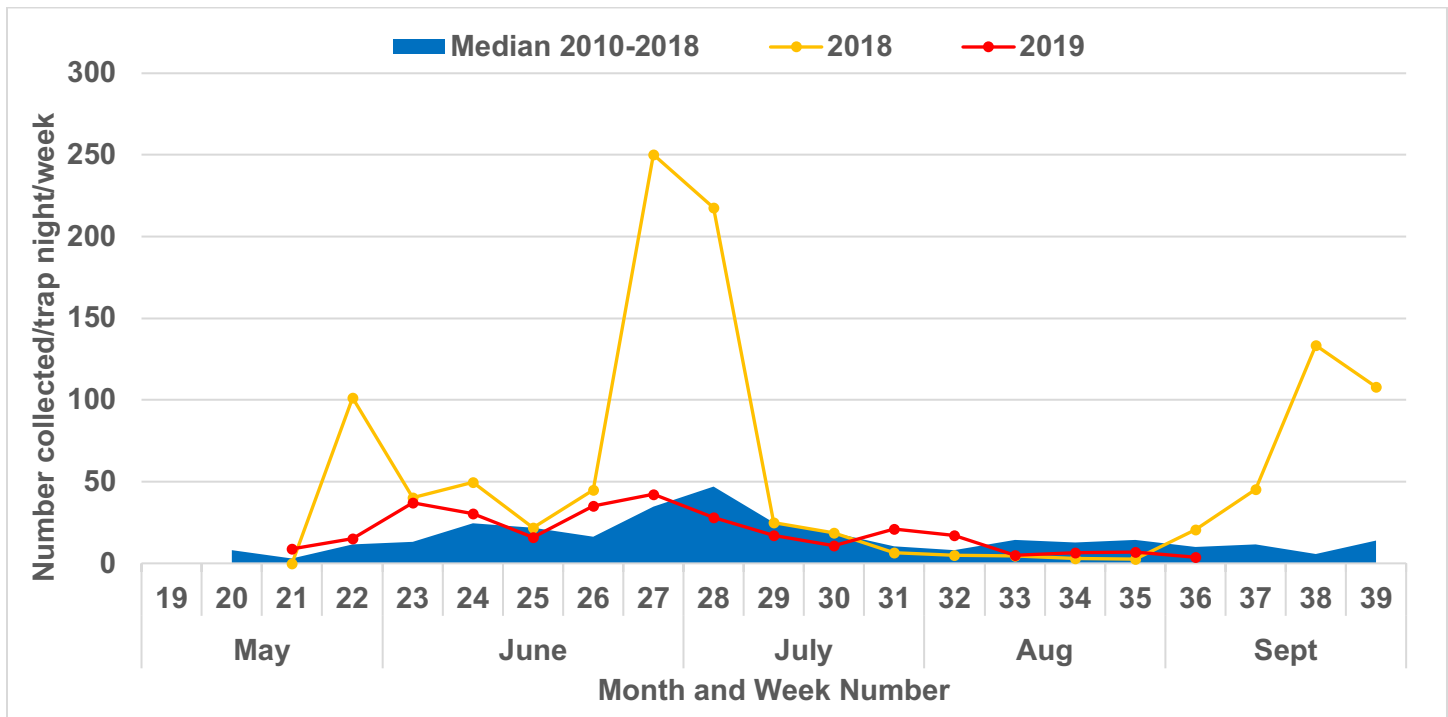
Vector Index during most recent outbreak year (2012), average of non-outbreak years 2010-2018 and current year 2019.
 Vector Index = estimate of the number of WNV-infected *Culex pipiens* collected per trap, per day.

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Nuisance Mosquito Surveillance

Surveillance Data: Collections from our New Jersey Light Traps during week 36 continued to decline indicating a decrease in floodwater mosquito abundance (*Aedes* spp.). Abundance continues to be less than the eight-year median.

New Jersey Light Trap Collections



Human Surveillance

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

Larval Control and Source Reduction

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

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

Adult Mosquito Control Operations

There were no adult mosquito control operations during week 36. Please see our [website](#) for the most current information about adult control operations.

Public Information

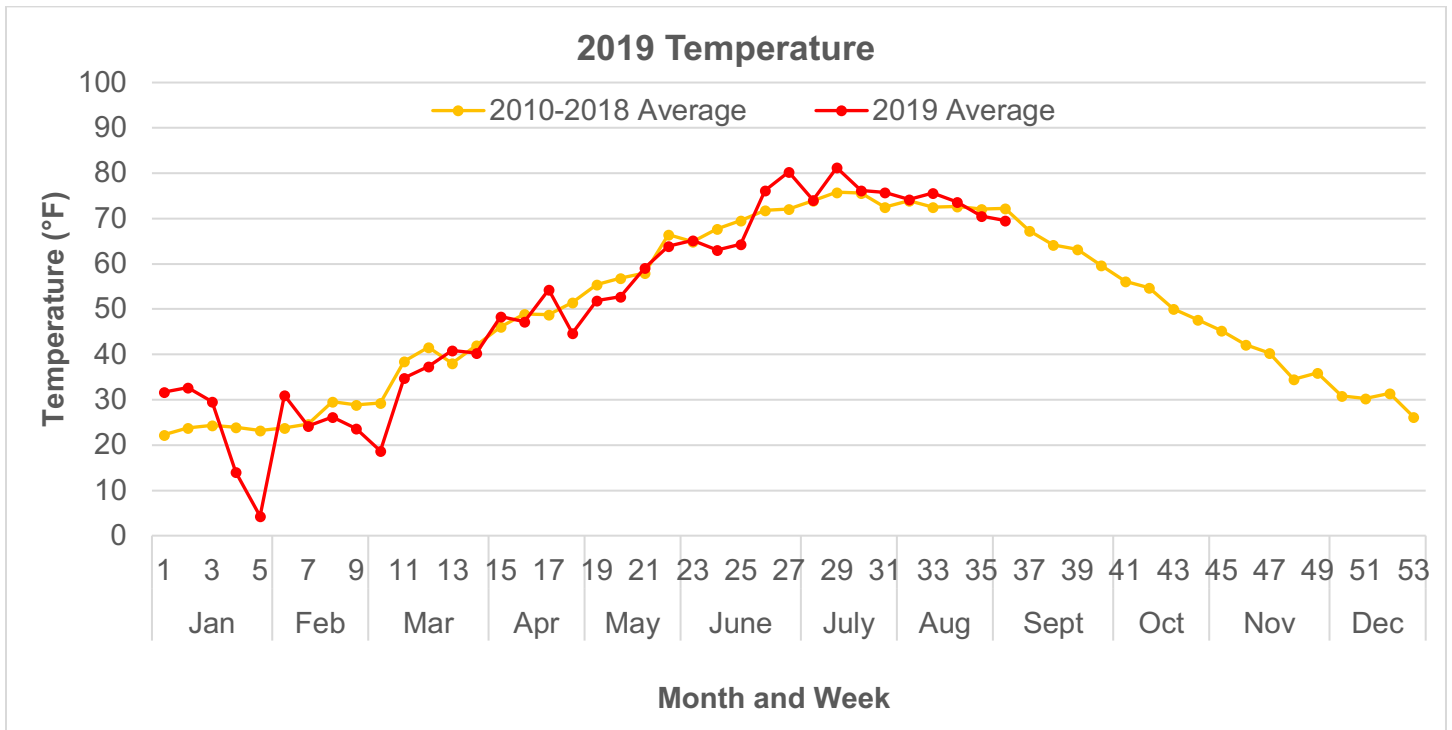
Please inspect your property for items that may contain stagnant water. If it can hold water, it can breed mosquitoes.

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.

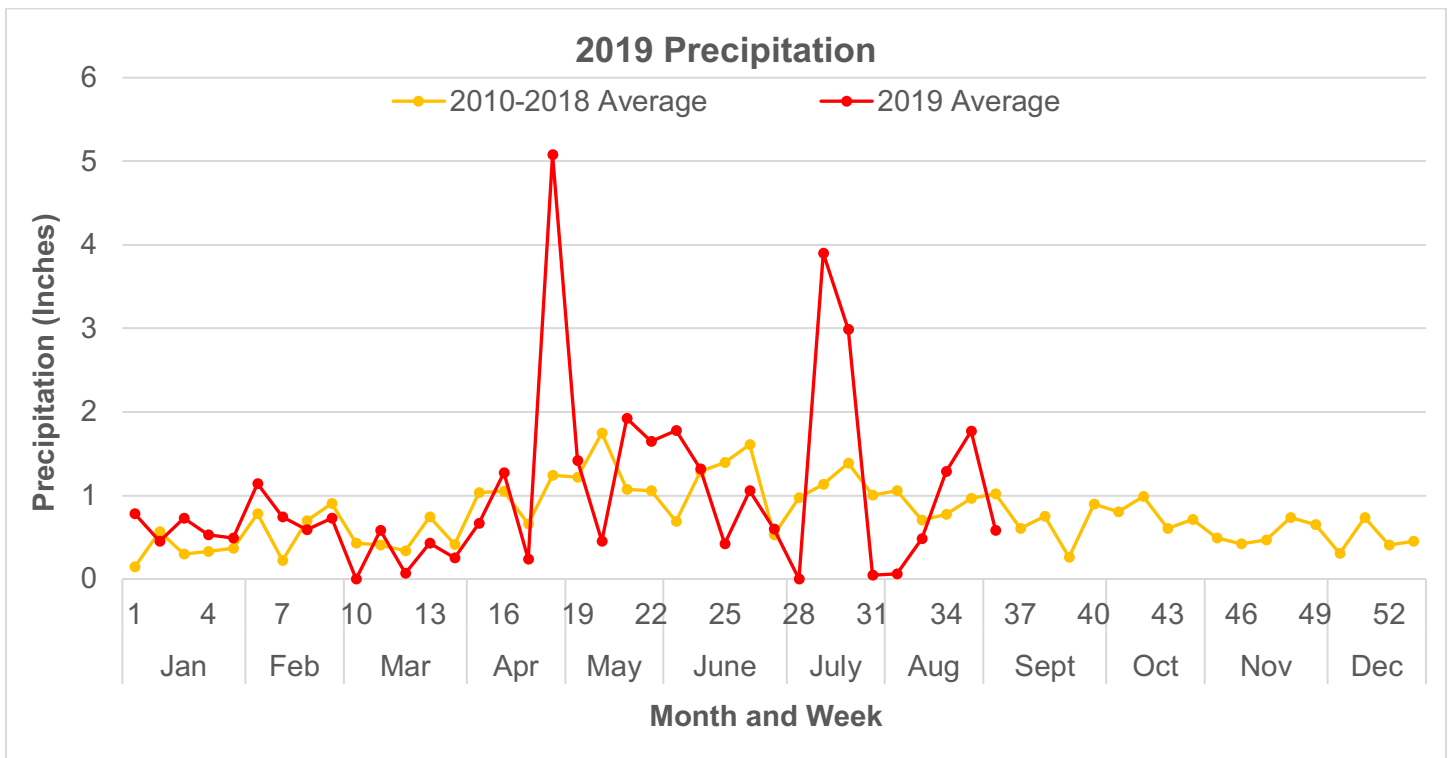
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Weather Monitoring

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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