NH DIVISION OF Public Health Services
Improving health, preventing disease, reducing costs for all
Department of Health and Human Services

Bureau of Infectious Disease Control
Infectious Disease Surveillance Section

New Hampshire Arbovirus Surveillance Bulletin #15

TEST SUMMARIES
MMWR Week 41 October 4, 2020 – October 10, 2020

HUMANS		Number Tested	WNV Positive[¥]	EEEV Positive[¥]	JCV Positive[¥]	POW Positive[¥]
CURRENT YEAR	Week	1	0	0	0	0
	YTD	23	0	0	4	0
Prior Years	2019	31	0	0	3	2
	2018	30	0	0	1[€]	0
	2017	31	1[£]	0	4	1
	2016	31	0	0	0	1
	2015	50	0	0	1	0

[¥] Confirmatory testing completed by the Centers for Disease Control and Prevention (CDC). There is a delay between testing and result confirmation.
[£] Testing performed by commercial laboratory
[€] Infection likely acquired out of state.

ANIMALS		Number Tested	WNV Positive	EEEV Positive
CURRENT YEAR	Week	0	0	0
	YTD	2	0	0
Prior Years	2019	19	1	2
	2018	13	4	0
	2017	7	0	0
	2016	10	0	0
	2015	6	1	0

MOSQUITO BATCHES*		Number Tested	WNV Positive	EEEV Positive
CURRENT YEAR	Week [Ŧ]	44	0	0
	YTD	1977	2	0
Prior Years	2019	5610	1	16
	2018	4945	32	6
	2017	4176	9	0
	2016	1773	1	0
	2015	3678	3	2

* A mosquito batch is a collection of mosquitoes sorted by species, date of collection, and trap location.
[Ŧ] This week, mosquitoes were submitted from Cheshire, Hillsborough and Rockingham counties.

NEW HAMPSHIRE ARBOVIRUS TEST RESULTS
2020 Arboviral Season

MOSQUITO BATCHES

This year, only mosquito batches containing >1 individual were accepted for testing.

Town or City	Date Collected	Species	Virus Result
Manchester	08/24/2020	*Culex restuans*	West Nile Virus
Nashua	09/10/2020	*Culex pipiens*	West Nile Virus

ANIMALS

There have been no animal cases of EEEV or WNV identified in New Hampshire in 2020 to date.

HUMANS

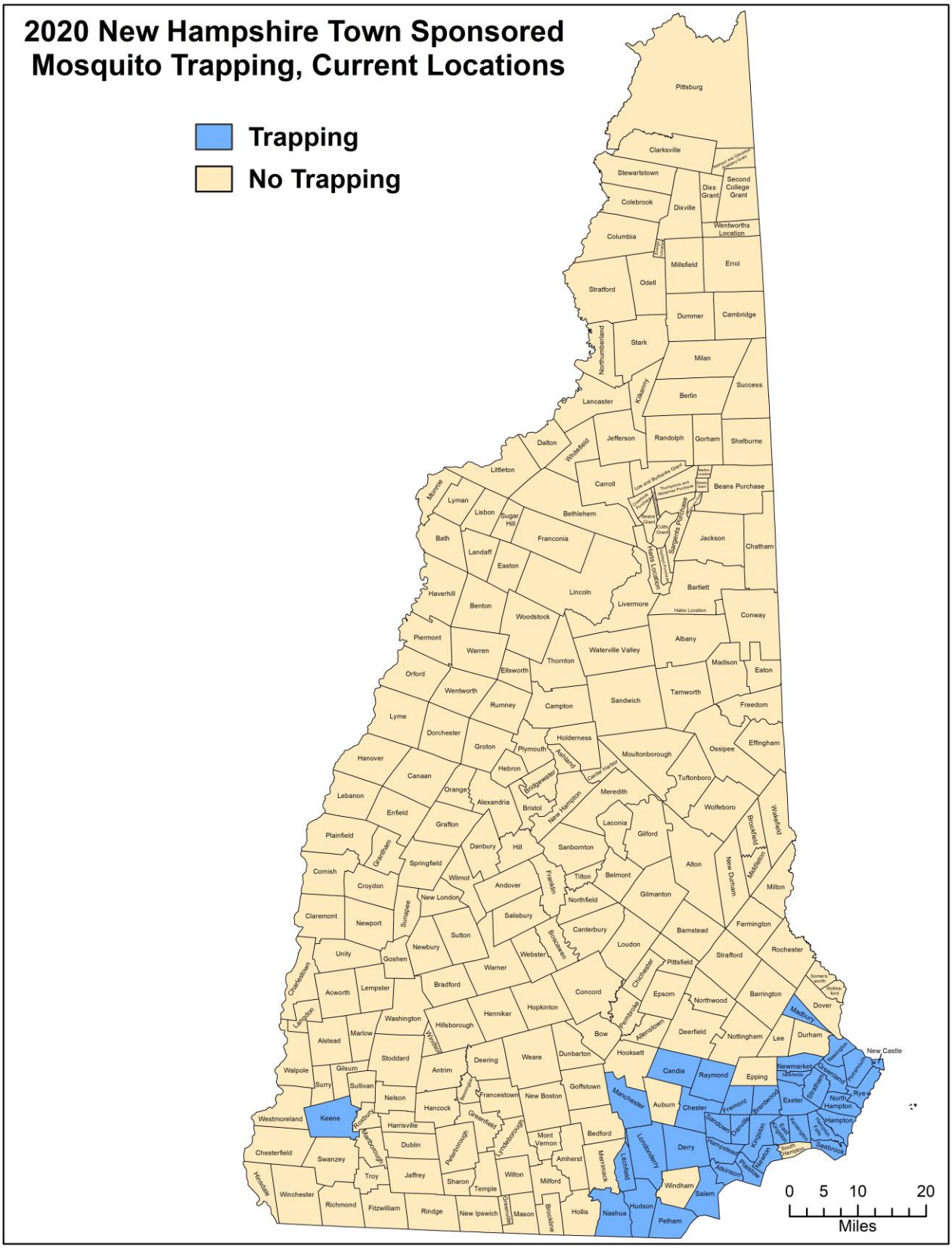
Town or City	Onset Date	Age Range	Virus Result
Loudon	5/14/2020	Adult	Jamestown Canyon Virus
Bow	6/12/2020	Adult	Jamestown Canyon Virus
Dunbarton	6/18/2020	Adult	Jamestown Canyon Virus
Epsom	8/26/2020	Adult	Jamestown Canyon Virus

Data notes:

1. Data provided are those for which final results are available. Data are current as of 10/15/2020.
2. Test results include only those specimens tested with results finalized during the week being reported on. Pending results from the previous week are not included.
3. Prior years' data is cumulative.
4. YTD = All specimens submitted beginning 01/01/2020 through the week being reported on.
5. WNV = West Nile virus. EEEV = Eastern Equine Encephalitis Virus. JCV = Jamestown Canyon Virus. POW = Powassan Virus

Use the following link to view the locations of positive test results and regional risk maps:
http://www.dhhs.nh.gov/dphs/cdcs/arboviral/results.htm

For more information regarding these data, contact Marco Notarangelo, Vectorborne Disease Surveillance Coordinator, at (603) 271-0273 or marco.notarangelo@dhhs.nh.gov.


2020 New Hampshire Town Sponsored Mosquito Trapping, Current Locations
Trapping
No Trapping
0 5 10 20
Miles