

Mosquito Trapping Statistics for 2010 Season

(data complete on 1/19/11)

Table showing Mosquito Species Collected and Tested for WNV in 2010

Species	Collected	% Collected	WNV Tested	% WNV Tested	EEE Tested	% EEE Tested	SLE Tested	%SLE Tested
Coquillettidia perturbans	1932	29.66%	465	13.11%	465	13.11%	465	13.11%
Anopheles quadrimaculatus	1159	17.80%	1107	31.22%	1107	31.22%	1107	31.22%
Culiseta melanura	955	14.66%	863	24.34%	863	24.34%	863	24.34%
Anopheles punctipennis	556	8.54%	414	11.68%	414	11.68%	414	11.68%
Culex territans	476	7.31%	110	3.10%	110	3.10%	110	3.10%
Aedes vexans	316	4.85%	75	2.12%	75	2.12%	75	2.12%
Ochlerotatus trivittatus	309	4.74%	63	1.78%	63	1.78%	63	1.78%
Culiseta morsitans	298	4.58%	291	8.21%	291	8.21%	291	8.21%
Culex pipiens	135	2.07%	95	2.68%	95	2.68%	95	2.68%
Aedes cinereus	118	1.81%	17	0.48%	17	0.48%	17	0.48%
Ochlerotatus stimulans	84	1.29%						
Uranotaenia sapphirina	51	0.78%	14	0.39%	14	0.39%	14	0.39%
Ochlerotatus triseriatus	35	0.54%	18	0.51%	18	0.51%	18	0.51%
Ochlerotatus canadensis	24	0.37%	3	0.08%	3	0.08%	3	0.08%
Ochlerotatus sticticus	15	0.23%						
Anopheles walkeri	11	0.17%						
Culex restuans	11	0.17%	6	0.17%	6	0.17%	6	0.17%
Psorophora ferox	8	0.12%	4	0.11%	4	0.11%	4	0.11%
Ochlerotatus excrucians	7	0.11%						
Culex pipiens-restuans	6	0.09%						
Ochlerotatus provocans	2	0.03%						
Ochlerotatus japonicus	2	0.03%						
Ochlerotatus abserratus	2	0.03%						
Culiseta minnesotae	1	0.02%	1	0.03%	1	0.03%	1	0.03%
Totals	6513	100.00%	3546	100.00%	3546	100.00%	3546	100.00%

- Number of active trap locations – 9
- Number of CDC Light trap nights baited with Octenol and CO2 - 38
- Number of mosquitoes collected in CDC Light Traps – 3181
- Number of Resting Box trap nights – 119
- Number of mosquitoes collected Resting Box traps – 3132
- Total number of mosquito pool samples tested – 409
- Total Number of WNV Positive Mosquito Pools – 9
- We found WNV activity in the following towns, reported by earliest town, date(s) of additional WNV positive pools and respective mosquito species in each mosquito pool
 - *■ Brandon - 8/3/10 Cs. melanura, 8/25/10 Cs. melanura, 9/8/10 Cs. melanura
 - *■ Leicester – 7/27/10 Cs. melanura, 9/8/10 Cs. morsitans
 - Cornwall – 8/3/10 Cs. melanura,
 - Whiting – 8/25/10 Cs. melanura
 - *■ New Haven – 8/25/10 Cs. morsitans, 8/30/10 Cs. morsitans

*foci of WNV viral activity in 2010, all bird-feeding species

■ foci of WNV viral activity in 2009

- Number of mosquitoes tested for WNV – 3546
- No EEE virus was found in Vermont this year – we tested 409 mosquito pools for EEE
- Number of mosquitoes tested for EEE – 3546
- No SLE virus was found in Vermont this year – we tested 409 mosquito pools for SLE
- Number of mosquitoes tested for SLE– 3546
- Number of species (out of 45 on state list) trapped – 23 species
- Number of counties where mosquitoes were collected – 3

Table showing county and number of weeks in 2010 that traps were run

County Name	# of Weeks
Addison	17
Chittenden	2
Rutland	14

- Missing counties: 11
- Number of counties trapped 2 weeks or more – 3
- Number of towns trapped – 8
- Percentage of these towns with WNV activity – 62.5%