

Mosquito Trapping Statistics for 2006 Season

Table Showing Species Collected and Tested in 2006

Species	Collected	% Collected	WNV Tested	% WNV Tested	EEE Tested	% EEE Tested
Aedes vexans	38520	37.98%	251	1.77%	56	11.59%
Ochlerotatus trivittatus	28925	28.52%	412	2.90%	175	36.23%
Culex pipiens-restuans	9267	9.14%	7864	55.44%		
Coquillettidia perturbans	7291	7.19%	193	1.36%	193	39.96%
Culex pipiens	4627	4.56%	4266	30.08%		
Ochlerotatus canadensis	2061	2.03%	50	0.35%	50	10.35%
Ochlerotatus sticticus	1883	1.86%				
Aedes cinereus	1218	1.20%	9	0.06%	9	1.86%
Uranotaenia sapphirina	1217	1.20%	159	1.12%		
Ochlerotatus abserratus	1129	1.11%				
Ochlerotatus stimulans	984	0.97%				
Culex restuans	881	0.87%	810	5.71%		
Ochlerotatus communis	579	0.57%				
Ochlerotatus japonicus	490	0.48%	169	1.19%		
Anopheles punctipennis	450	0.44%				
Ochlerotatus excrucians	357	0.35%				
Ochlerotatus triseriatus	296	0.29%				
Anopheles walkeri	220	0.22%				
Ochlerotatus provocans	220	0.22%				
Ochlerotatus aurifer	164	0.16%				
Anopheles quadrimaculatus	91	0.09%				
Ochlerotatus hendersoni	81	0.08%				
Ochlerotatus intrudens	81	0.08%				
Culiseta minnesotae	58	0.06%				
Culiseta melanura	58	0.06%				
Ochlerotatus diaetaeus	45	0.04%				
Culex territans	33	0.03%	1			
Ochlerotatus decticus	32	0.03%				
Anopheles earlei	25	0.02%				
Culiseta morsitans	23	0.02%				
Ochlerotatus euedes	22	0.02%				
Psorophora ferox	20	0.02%				
Ochlerotatus fitchii	19	0.02%				
Culex salinarius	19	0.02%				
Ochlerotatus atropalpus	13	0.01%				
Culiseta impatiens	12	0.01%				
Ochlerotatus punctor	8	0.01%				
Ochlerotatus species	5	0.00%				
Ochlerotatus implicatus	4	0.00%				
Ochlerotatus dorsalis	1	0.00%				
TOTALS	101429	100.00%	14184	100.00%	483	100.00%

- No Positive WNV Mosquito Pools in 2006
- Number of mosquitoes collected in Gravid Traps – 15458
- Number of mosquitoes collected in CDC Light Traps – 42773
- Number of mosquitoes collected in Mosquito Magnet Traps – 13198
- Number of mosquito pools tested for WNV – 323
- Number of mosquito pools tested for EEE and SLE – 22
- Number of species (out of 44 on state list) trapped – 40 species
- Number of active locations – 158

Some locations had multiple traps that were pooled to get enough mosquitoes to test for WNV. Some sites were used for larval collections.

- Number of Gravid trap nights – 232 using cow manure attractant
- Number of CDC Light trap nights – 240
- Number of Mosquito Magnet nights – 6
- Number of counties where mosquitoes were collected – 10 out of 14 counties

Table showing county name followed by number of weeks collected.

County Name	# Weeks
Addison	11
Caledonia	4
Chittenden	10
Grand Isle	12
Lamoille	4
Orange	9
Rutland	7
Washington	13
Windham	6
Windsor	14

- Missing Counties: Caladonia, Essex, Franklin, and Orleans
- Number of counties trapped more than 2 weeks – 10
- Number of personnel – 5

Full Time: 2 full-time, 1 season, 2 part-time seasonal

Notes:

Overall, trapped numbers of mosquitoes trapped in 2006 are lower than last year. We had fewer agents, but generally a wetter season with more mosquitoes. Two additional mosquito districts formed in 2006, the Lemon Fair Mosquito District and the Weybridge Mosquito District. With the BLS Mosquito District this makes a total of three mosquito districts in the state of Vermont. During 2006 we targeted *Culiseta melanura* sites along the southeastern side border of the state. We used CDC Light trap samples to survey for EEE virus.

A new mosquito species was added to the state list this year, *Ochlerotatus implicatus*, bringing a total of 44 species of mosquitoes on the species list for Vermont.