

VECTOR SURVEILLANCE SUMMARY SHEET

WEEK: 2

Culiseta melanura Monitor

June 10 - 14, 2002

Coastal Resting Boxes						Inland Resting Boxes					
Sites	Mean From Previous Years	No. Per Box For This Collection	Total Collected to Date	Total Pools Submitted to Date	EEE Isolations To Date	Sites	Mean From Previous Years	No. Per Box For This Collection	Total Collected to Date	Total Pools Submitted to Date	EEE Isolations To Date
Green Bank (Burlington Co.)	1.5	0.2	19	5	-	Waterford (Camden Co.)	2.3	0	1	1	-
Corbin City (Atlantic Co.)	1.2	0.7	31	5	-	Centerton (Salem Co.)	2.8	0.4	40	6	-
Dennisville (Cape May Co.)	4.6	0.1	16	4	-						

West Nile Virus Collections Submitted for Virus Isolation Attempts

Species	<i>Cx. pip</i>	<i>Cx. rest</i>	<i>Cx. sal</i>	<i>Cx. spp.</i>	<i>Ae. vex</i>	<i>Oc. cana</i>	<i>Oc. triv</i>	<i>Oc. tris</i>	<i>Oc. soll.</i>	<i>Oc. jap</i>	<i>Ae. albo</i>	<i>Cs. mel</i>	Other	TOTALS
No. Pools	184	228	37	569	112	64	35	21	14	41	14	21	203	1,543
Total Specimens	3,693	6,296	682	19,285	2,355	1,262	990	77	134	105	25	90	3,320	38,314
No. Positive Pools	0	1	0	0	0	0	0	0	0	0	0	0	0	1

Remarks: *Culiseta melanura* populations remain well below average at all sites. It is too early to make meaningful comparisons but this year's population patterns resemble those seen in 1999, a year when drought suppressed *Cs. melanura* populations at most sites until mid-August. West Nile virus submissions now number more than 1,500 pools and 38,000 specimens. A pool of mixed *Culex* from Camden Co. tested positive this week, bringing the total in positive pools to 2.

WNV Positive Pools through 6/14/02: 50 *Cx. restuans* Tinton Falls, Monmouth Co. 5/22/02
 50 *Cx. spp.* Merchantville, Camden Co. 6/12/02

New Jersey Agricultural Experiment Station Publication No. PT-40500-02-02
 Supported by State funds and funding by the NJ State Mosquito Control Commission.
 Summary Prepared by: Wayne J. Crans, Rutgers University

Submissions through June 14, 2002

	Pools	Mosquitoes
Atlantic	89	2220
Ae. vexans	12	209
An. punctipennis	1	2
Cq. perturbans	1	4
Cs. melanura	2	14
Cx. mix	20	386
Cx. salinarius	4	81
Oc. canadensis	6	300
Oc. cantator	25	994
Oc. grossbecki	3	45
Oc. sollicitans	6	52
Oc. sticticus	2	44
Oc. taeniorhynchus	1	3
Oc. triseriatus	4	33
Oc. trivittatus	1	3
Ps. ferox	1	50
Bergen	257	7616
Ae. albopictus	1	1
Ae. cinereus	2	5
Ae. vexans	13	274
An. punctipennis	6	19
An. quadrimaculatus	2	10
Cx. mix	81	3715
Cx. pipiens	52	1064
Cx. restuans	74	2121
Cx. salinarius	10	262
Oc. canadensis	4	62
Oc. cantator	1	1
Oc. japonicus	4	4
Oc. sollicitans	2	21
Oc. sticticus	1	2
Oc. trivittatus	4	55

Burlington	105	1495
Ae. albopictus	5	8
Ae. vexans	13	217
An. crucians	1	3
An. punctipennis	7	28
An. quadrimaculatus	3	5
Cq. perturbans	7	24
Cs. melanura	6	11
Cx. mix	33	814
Oc. canadensis	14	336
Oc. grossbecki	5	32
Oc. japonicus	2	4
Oc. sollicitans	1	1
Oc. triseriatus	3	6
Oc. trivittatus	1	2
Ps. ferox	2	2
Ur. sapphirina	2	2
Camden	46	656
Ae. albopictus	6	7
Ae. vexans	4	13
An. punctipennis	2	3
Cq. perturbans	2	15
Cs. melanura	1	1
Cx. mix	13	382
Cx. pipiens	7	164
Cx. restuans	5	58
Oc. canadensis	3	9
Oc. triseriatus	3	4
Cape May	77	676
Ae. vexans	1	1
An. punctipennis	1	2
An. quadrimaculatus	1	50
Cq. perturbans	1	16
Cs. melanura	6	24
Cx. pipiens	29	188
Cx. restuans	26	184
Cx. territans	1	4
Oc. canadensis	6	194
Oc. cantator	3	6
Oc. triseriatus	2	7
Gloucester	25	393
Ae. albopictus	2	9
An. punctipennis	1	1
Cx. mix	19	374
Oc. triseriatus	3	9

Hunterdon		53	2323
	Cx. mix	49	2272
	Oc. japonicus	3	50
	Oc. triseriatus	1	1
Middlesex		27	473
	An. crucians	1	2
	Cx. mix	17	389
	Cx. pipiens	2	22
	Cx. salinarius	1	20
	Oc. cantator	5	39
	Oc. sollicitans	1	1
Monmouth		147	2135
	Ae. vexans	3	4
	An. punctipennis	5	5
	An. quadrimaculatus	1	1
	Cx. mix	52	757
	Cx. pipiens	31	618
	Cx. restuans	24	675
	Cx. salinarius	2	10
	Oc. canadensis	8	37
	Oc. cantator	3	7
	Oc. japonicus	16	18
	Oc. sollicitans	1	2
	Oc. trivittatus	1	1
Morris		99	3273
	Ae. cinereus	7	238
	Ae. vexans	19	748
	An. punctipennis	2	7
	An. walkeri	1	1
	Cx. mix	7	241
	Cx. pipiens	3	50
	Cx. restuans	17	704
	Cx. salinarius	4	102
	Oc. canadensis	5	106
	Oc. grossbecki	3	101
	Oc. japonicus	4	13
	Oc. sticticus	11	420
	Oc. stimulans	4	150
	Oc. trivittatus	12	392

Ocean	92	1104
Ae. vexans	11	22
An. bradleyi	1	1
Cq. perturbans	1	1
Cs. melanura	3	20
Cx. mix	29	579
Cx. pipiens	5	69
Cx. restuans	5	61
Cx. salinarius	10	64
Oc. canadensis	11	145
Oc. cantator	10	82
Oc. grossbecki	1	1
Oc. sollicitans	3	57
Oc. sticticus	1	1
Oc. triseriatus	1	1
Passaic	59	1361
Ae. vexans	3	14
An. punctipennis	5	29
An. quadrimaculatus	4	37
Cx. mix	41	1226
Cx. pipiens	1	46
Oc. japonicus	2	4
Oc. triseriatus	1	1
Oc. trivittatus	2	4
Salem	114	2148
Ae. vexans	8	28
An. punctipennis	2	2
An. quadrimaculatus	2	2
Cq. perturbans	1	1
Cs. melanura	3	20
Cx. mix	32	554
Cx. pipiens	35	1242
Cx. restuans	10	80
Cx. salinarius	6	143
Oc. cantator	15	76
Somerset	77	2060
Ae. vexans	3	16
An. punctipennis	2	11
Cx. mix	47	1914
Cx. pipiens	4	17
Cx. restuans	6	69
Oc. canadensis	3	5
Oc. japonicus	7	8
Oc. stimulans	1	1
Oc. triseriatus	3	15
Oc. trivittatus	1	4

Sussex		139	4923
	Ae. cinereus	3	29
	Ae. vexans	21	763
	An. punctipennis	7	77
	An. quadrimaculatus	4	128
	Cx. mix	56	2601
	Cx. pipiens	6	38
	Cx. restuans	16	404
	Oc. canadensis	4	68
	Oc. fitchii	1	49
	Oc. sticticus	9	247
	Oc. trivittatus	12	519
Union		8	186
	An. punctipennis	1	2
	Cx. mix	1	14
	Cx. pipiens	4	133
	Cx. restuans	2	37
Warren		129	5272
	Ae. vexans	1	46
	An. walkeri	4	200
	Cx. mix	72	3067
	Cx. pipiens	5	42
	Cx. restuans	43	1903
	Oc. japonicus	3	4
	Oc. trivittatus	1	10
Grand Total		1543	38314