

VECTOR SURVEILLANCE SUMMARY SHEET

WEEK: 14

Culiseta melanura Monitor

September 4 - 6, 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.)	6.7	0.8	211	36	0	Waterford (Camden Co.)	2.4	<0.1	9	8	0
Corbin City (Atlantic Co.)	0.3	0.2	85	32	0	Centerton (Salem Co.)	4.8	0.7	334	48	0
Dennisville (Cape May Co.)	8.0	0.2	223	36	0						

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	488	315	207	2,352	341	152	138	437	103	333	162	194	1,065	6,287
Total Specimens	8,593	6,471	4,622	78,171	5,063	2,835	4,232	2,144	1,590	1,501	1,462	1,187	14,815	132,686
No. Positive Pools	59	11	13	246	5	0	1	3	2	7	2	0	17	366

Remarks: There has been no change in the status of *Culiseta melanura*. As the fall season approaches, populations remain well below the long term average at each of the sites being monitored for EEE activity this year. WNV remains very much in evidence in mosquitoes being submitted for virus testing. At this point in the season, county mosquito control agencies have submitted 75% of the mosquito pools NJ has tested for WNV. County submissions also account for 271 of the 366 positives that NJ has reported to date. The totals listed in last week's report included a number of duplicates that artificially inflated the number of positive pools for some counties. The first human cases in NJ have recently been confirmed from the Trenton area in Mercer Co.

New Jersey Agricultural Experiment Station Publication No. PT-40500-14-02 Supported by State funds and funding by the NJ State Mosquito Control Commission. Summary Prepared by: Wayne J. Crans, Rutgers University

Submissions by County through September 6, 2002

County	Species	Pools	Mosquitoes	Positives
Atlantic		324	8369	19
	Ae. albopictus	7	15	
	Ae. vexans	23	498	
	An. bradleyi	4	92	
	An. punctipennis	1	2	
	An. quadrimaculatus	2	2	
	Cq. perturbans	5	31	
	Cs. melanura	30	91	
	Cx. erraticus	14	565	
	Cx. mix	117	4350	15
	Cx. pipiens	4	54	3
	Cx. restuans	7	29	
	Cx. salinarius	6	83	
	Oc. canadensis	11	501	
	Oc. cantator	32	1224	
	Oc. grossbecki	6	69	
	Oc. japonicus	4	21	
	Oc. sollicitans	12	257	
	Oc. sticticus	5	74	
	Oc. taeniorhynchus	4	26	
	Oc. thibaulti	1	1	
	Oc. triseriatus	16	80	
	Oc. trivittatus	1	3	
	Or. signifera	1	3	
	Ps. ciliata	9	200	1
	Ps. ferox	2	98	
	(blank)			
Bergen		519	17186	83
	Ae. albopictus	8	47	
	Ae. cinereus	4	66	
	Ae. vexans	27	397	1
	An. punctipennis	12	36	
	An. quadrimaculatus	8	49	
	Cq. perturbans	3	13	
	Cs. melanura	3	17	
	Cx. mix	231	11131	60
	Cx. pipiens	51	1215	12
	Cx. restuans	56	1747	2
	Cx. salinarius	43	1511	6
	Cx. territans	3	15	
	Oc. canadensis	5	66	
	Oc. cantator	1	1	
	Oc. japonicus	15	24	1
	Oc. sollicitans	6	79	1
	Oc. sticticus	1	2	
	Oc. taeniorhynchus	1	1	

	Oc. thibaulti	15	619	
	Oc. triseriatus	13	44	
	Oc. trivittatus	7	77	
	Or. signifera	3	3	
	Ps. columbiae	1	1	
	Ps. ferox	2	25	
Burlington		352	4721	8
	Ae. albopictus	15	58	2
	Ae. vexans	29	271	1
	An. atropos	1	3	
	An. bradleyi	6	38	
	An. crucians	4	6	
	An. punctipennis	12	34	
	An. quadrimaculatus	7	9	
	Cq. perturbans	26	372	
	Cs. inornata	1	1	
	Cs. melanura	43	307	
	Cx. erraticus	8	15	
	Cx. mix	77	1560	4
	Cx. pipiens	11	178	
	Cx. restuans	13	294	
	Cx. salinarius	7	47	
	Cx. territans	2	2	
	Oc. atlanticus	1	1	
	Oc. canadensis	34	947	
	Oc. cantator	10	427	
	Oc. grossbecki	5	32	
	Oc. japonicus	10	15	
	Oc. japonicus	1	1	
	Oc. sollicitans	1	1	
	Oc. triseriatus	22	95	
	Oc. trivittatus	1	2	
	Ps. columbiae	1	1	1
	Ps. ferox	2	2	
	Ur. sapphirina	2	2	
Camden		167	1883	5
	Ae. albopictus	22	61	
	Ae. vexans	17	289	
	An. atropos	2	2	
	An. bradleyi	3	10	
	An. crucians	4	163	
	An. punctipennis	10	20	
	An. quadrimaculatus	6	8	
	Cq. perturbans	8	40	1
	Cs. melanura	8	8	
	Cx. erraticus	1	1	
	Cx. mix	39	956	4
	Cx. pipiens	12	186	

	Cx. restuans	10	93	
	Oc. atropalpus	1	1	
	Oc. canadensis	4	11	
	Oc. triseriatus	15	25	
	Oc. trivittatus	2	3	
	Ps. columbiae	1	1	
	Ps. ferox	1	3	
	Ur. sapphirina	1	2	
Cape May		333	4953	3
	Ae. albopictus	4	12	
	Ae. vexans	3	29	
	An. bradleyi	17	402	1
	An. punctipennis	2	4	
	An. quadrimaculatus	20	800	
	Cq. perturbans	5	151	
	Cs. melanura	37	241	
	Cx. erraticus	7	350	
	Cx. pipiens	142	1732	1
	Cx. restuans	50	376	1
	Cx. salinarius	11	285	
	Cx. territans	1	4	
	Oc. canadensis	7	205	
	Oc. cantator	9	95	
	Oc. sollicitans	8	192	
	Oc. taeniorhynchus	7	65	
	Oc. triseriatus	3	10	
Cumberland		264	2570	27
	Ae. albopictus	3	10	
	Ae. vexans	17	47	
	An. bradleyi	2	4	
	An. punctipennis	6	13	
	An. quadrimaculatus	10	25	
	Cq. perturbans	7	11	
	Cs. melanura	11	17	
	Cx. erraticus	9	120	2
	Cx. mix	36	201	
	Cx. pipiens	33	1055	20
	Cx. restuans	7	83	1
	Cx. salinarius	9	88	3
	Oc. atropalpus	1	1	
	Oc. canadensis	25	212	
	Oc. cantator	23	196	
	Oc. grossbecki	7	8	
	Oc. sollicitans	14	29	
	Oc. taeniorhynchus	13	109	
	Oc. triseriatus	24	325	
	Oc. trivittatus	1	3	
	Ps. columbiae	4	10	1

	Ps. howardii	1	1	
	Ur. sapphirina	1	2	
Essex		135	1794	7
	Ae. albopictus	3	5	
	Ae. vexans	4	21	
	An. punctipennis	3	4	
	An. quadrimaculatus	1	4	
	Cx. mix	74	1236	3
	Cx. pipiens	12	359	3
	Cx. restuans	4	16	
	Cx. salinarius	2	3	
	Oc. japonicus	18	53	1
	Oc. sticticus	2	46	
	Oc. triseriatus	8	34	
	Oc. trivittatus	2	8	
	Ps. ciliata	1	1	
	Ps. ferox	1	4	
Gloucester		278	4471	5
	Ae. albopictus	58	519	
	Ae. vexans	8	31	
	An. punctipennis	5	8	
	An. quadrimaculatus	1	1	
	Cq. perturbans	2	3	
	Cx. erraticus	2	22	
	Cx. mix	144	3453	5
	Cx. pipiens	10	151	
	Cx. restuans	6	33	
	Cx. salinarius	4	20	
	Oc. grossbecki	1	1	
	Oc. triseriatus	30	162	
	Ps. ferox	6	66	
	Ps. howardii	1	1	
	(blank)			
Hudson		38	1054	1
	Ae. albopictus	3	101	
	Ae. vexans	2	8	
	Cq. perturbans	2	76	
	Cx. mix	12	164	1
	Cx. pipiens	8	239	
	Cx. restuans	2	39	
	Cx. salinarius	9	427	
Hunterdon		319	11028	7
	Ae. vexans	3	19	
	An. punctipennis	9	44	
	An. quadrimaculatus	2	10	
	Cx. mix	204	9801	7

	Cx. pipiens	14	72	
	Cx. restuans	20	481	
	Cx. salinarius	3	13	
	Oc. canadensis	2	14	
	Oc. japonicus	31	238	
	Oc. japonicus	1	4	
	Oc. triseriatus	23	119	
	Oc. trivittatus	5	201	
	Ps. columbiae	2	12	
Mercer		53	411	2
	Ae. vexans	6	102	
	An. punctipennis	7	34	
	An. quadrimaculatus	2	4	
	Cx. mix	1	8	
	Cx. pipiens	15	112	1
	Cx. restuans	8	44	1
	Cx. salinarius	8	88	
	Oc. japonicus	3	5	
	Oc. triseriatus	3	14	
Middlesex		263	4416	35
	Ae. albopictus	1	2	
	Ae. vexans	13	51	
	An. bradleyi	2	12	
	An. crucians	1	2	
	An. punctipennis	9	18	
	An. quadrimaculatus	3	16	
	Cq. perturbans	8	80	1
	Cx. mix	116	2615	23
	Cx. pipiens	30	673	6
	Cx. restuans	16	419	2
	Cx. salinarius	15	383	1
	Oc. canadensis	1	1	
	Oc. cantator	11	61	1
	Oc. japonicus	9	20	1
	Oc. sollicitans	4	12	
	Oc. triseriatus	21	48	
	Oc. trivittatus	3	3	
Monmouth		525	5876	48
	Ae. albopictus	20	531	
	Ae. albopictus	1	1	
	Ae. vexans	26	202	1
	An. barberi	2	2	
	An. punctipennis	16	41	2
	An. quadrimaculatus	7	7	1
	Cq. perturbans	5	6	
	Cx. erraticus	1	6	

	Cx. mix	198	2579	29
	Cx. pipiens	49	657	9
	Cx. restuans	28	749	2
	Cx. salinarius	10	37	2
	Oc. canadensis	11	43	
	Oc. cantator	7	18	
	Oc. japonicus	46	63	
	Oc. sollicitans	33	763	1
	Oc. taeniorhynchus	1	3	
	Oc. triseriatus	52	133	1
	Oc. trivittatus	10	16	
	Ps. columbiae	2	19	
Morris		319	8047	26
	Ae. cinereus	8	243	
	Ae. vexans	30	807	2
	An. punctipennis	19	111	1
	An. quadrimaculatus	11	419	
	An. walkeri	3	19	
	Cq. perturbans	8	77	
	Cx. mix	111	4063	17
	Cx. pipiens	10	156	1
	Cx. restuans	17	552	1
	Cx. salinarius	7	186	1
	Cx. territans	1	2	
	Oc. canadensis	8	131	
	Oc. grossbecki	3	101	
	Oc. japonicus	38	156	1
	Oc. sticticus	11	420	
	Oc. stimulans	5	151	
	Oc. triseriatus	11	38	1
	Oc. trivittatus	16	404	1
	Or. signifera	1	1	
	Ur. sapphirina	1	10	
Ocean		388	6788	21
	Ae. albopictus	14	95	
	Ae. vexans	27	170	
	An. bradleyi	7	35	
	An. punctipennis	4	7	
	An. quadrimaculatus	2	6	
	Cq. perturbans	18	259	
	Cs. melanura	15	57	
	Cx. mix	145	4730	19
	Cx. pipiens	12	164	1
	Cx. restuans	11	160	
	Cx. salinarius	20	302	
	Cx. territans	1	1	
	Oc. canadensis	18	246	
	Oc. cantator	20	126	

	Oc. grossbecki	1	1	
	Oc. japonicus	7	26	1
	Oc. sollicitans	19	242	
	Oc. sticticus	1	1	
	Oc. taeniorhynchus	3	24	
	Oc. triseriatus	39	119	
	Ps. ferox	4	17	
Passaic		309	9552	40
	Ae. vexans	7	21	
	An. punctipennis	10	43	
	An. quadrimaculatus	8	49	1
	An. walkeri	1	2	
	Cq. perturbans	4	10	
	Cx. mix	207	8776	38
	Cx. pipiens	8	269	
	Cx. restuans	4	29	
	Cx. restuans	1	46	
	Cx. salinarius	3	4	
	Oc. canadensis	2	19	
	Oc. japonicus	29	168	1
	Oc. triseriatus	20	101	
	Oc. trivittatus	5	15	
Salem		445	5223	4
	Ae. vexans	29	119	
	An. bradleyi	10	53	
	An. punctipennis	22	85	2
	An. quadrimaculatus	71	1096	1
	An. walkeri	3	5	
	Cq. perturbans	10	19	
	Cs. melanura	47	449	
	Cx. erraticus	17	304	
	Cx. mix	120	1802	1
	Cx. pipiens	18	113	
	Cx. restuans	8	56	
	Cx. salinarius	37	910	
	Cx. territans	2	5	
	Oc. canadensis	1	2	
	Oc. cantator	14	49	
	Oc. sollicitans	6	15	
	Oc. taeniorhynchus	1	2	
	Oc. thibaulti	2	3	
	Oc. triseriatus	27	136	
Somerset		279	6767	15
	Ae. vexans	6	12	
	An. barberi	1	1	
	An. punctipennis	8	20	
	An. quadrimaculatus	4	4	

	Cx. mix	148	5981	13
	Cx. pipiens	13	301	
	Cx. restuans	13	217	
	Cx. salinarius	3	5	
	Oc. canadensis	3	5	
	Oc. japonicus	40	106	1
	Oc. sticticus	1	1	
	Oc. stimulans	1	1	
	Oc. triseriatus	35	76	1
	Oc. trivittatus	2	36	
	Ps. ferox	1	1	
Sussex		512	15960	0
	Ae. cinereus	10	95	
	Ae. vexans	51	1867	
	An. punctipennis	20	250	
	An. quadrimaculatus	13	148	
	An. walkeri	3	94	
	Cq. perturbans	43	1199	
	Cs. morsitans	1	1	
	Cx. mix	156	6318	
	Cx. pipiens	1	15	
	Cx. restuans	11	310	
	Cx. salinarius	5	208	
	Cx. territans	1	2	
	Oc. aurifer	1	24	
	Oc. canadensis	19	421	
	Oc. fitchii	1	49	
	Oc. japonicus	35	313	
	Oc. sticticus	21	651	
	Oc. stimulans	8	207	
	Oc. triseriatus	33	348	
	Oc. trivittatus	77	3438	
	Or. signifera	1	1	
	Ur. sapphirina	1	1	
Union		122	3128	8
	Ae. albopictus	3	5	
	Ae. vexans	5	26	
	An. punctipennis	4	7	
	An. quadrimaculatus	2	3	
	Cx. mix	39	1521	8
	Cx. pipiens	31	869	
	Cx. restuans	18	645	
	Cx. salinarius	4	21	
	Oc. japonicus	5	8	
	Oc. triseriatus	11	23	
Warren		343	8486	2
	Ae. cinereus	1	3	

Ae. vexans	8	76	
An. crucians	1	5	
An. punctipennis	20	97	
An. quadrimaculatus	23	292	
An. walkeri	9	356	
Cq. perturbans	11	115	
Cx. mix	177	6926	2
Cx. pipiens	4	23	
Cx. restuans	5	53	
Cx. salinarius	1	1	
Oc. atropalpus	1	2	
Oc. canadensis	1	11	
Oc. japonicus	41	280	
Oc. stimulans	2	8	
Oc. triseriatus	31	214	
Oc. trivittatus	6	23	
Or. signifera	1	1	

Grand Total	6287	132683	366
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