

VECTOR SURVEILLANCE SUMMARY SHEET

WEEK: 15

Culiseta melanura Monitor

September 9-13, 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.)	4.8	1.8	293	41	0	Waterford (Camden Co.)	3.5	0.1	12	10	0
Corbin City (Atlantic Co.)	3.5	0	85	32	0	Centerton (Salem Co.)	4.4	0.3	351	52	0
Dennisville (Cape May Co.)	7.6	0.3	236	40	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	498	329	245	2,533	369	152	139	462	110	360	195	215	1,149	6,756
Total Specimens	8,730	6,658	6,098	82,712	5,360	2,835	4,233	2,222	1,719	1,519	1,722	1,309	15,462	140,651
No. Positive Pools	69	12	15	286	7	0	1	4	2	7	4	0	18	425

Remarks: Dr. Wayne Crans is away this week. *Culiseta melanura* populations remain low, with a slight increase in numbers at the Green Bank site. This years graphs for *Cs. melanura* are attached to show how low these populations have been. WNV positive mosquitoes have now been found in all 21 counties of New Jersey.

New Jersey Agricultural Experiment Station Publication No. PT-40500-15-02
 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 13, 2002

County	Species	Pools	Mosquitoes	Positives
Atlantic		348	8689	22
	Ae. albopictus	10	22	
	Ae. vexans	25	521	
	An. bradleyi	4	92	
	An. punctipennis	1	2	
	An. quadrimaculatus	2	2	
	Cq. perturbans	5	31	
	Cs. melanura	33	96	
	Cx. erraticus	18	606	
	Cx. mix	124	4502	18
	Cx. pipiens	4	54	3
	Cx. restuans	7	29	
	Cx. salinarius	6	83	
	Cx. territans	1	1	
	Oc. canadensis	11	501	
	Oc. cantator	32	1224	
	Oc. grossbecki	6	69	
	Oc. japonicus	4	21	
	Oc. sollicitans	14	325	
	Oc. sticticus	5	74	
	Oc. taeniorhynchus	5	43	
	Oc. thibaulti	1	1	
	Oc. triseriatus	17	86	
	Oc. trivittatus	1	3	
	Or. signifera	1	3	
	Ps. ciliata	9	200	1
	Ps. ferox	2	98	
	(blank)			
Bergen		576	19199	101
	Ae. albopictus	12	156	1
	Ae. cinereus	4	66	
	Ae. vexans	30	494	2
	An. punctipennis	14	41	
	An. quadrimaculatus	8	49	
	Cq. perturbans	6	16	
	Cs. melanura	3	17	
	Cx. mix	249	11889	75
	Cx. pipiens	52	1270	12

Cx. restuans	58	1832	2
Cx. salinarius	61	2374	6
Cx. territans	3	15	
Oc. canadensis	5	66	
Oc. cantator	1	1	
Oc. japonicus	17	49	1
Oc. sollicitans	7	82	1
Oc. sticticus	1	2	
Oc. taeniorhynchus	1	1	
Oc. thibaulti	15	619	
Oc. triseriatus	15	53	1
Oc. trivittatus	7	77	
Or. signifera	3	3	
Ps. columbiae	1	1	
Ps. ferox	2	25	
Ur. sapphirina	1	1	
Burlington	378	4887	8
Ae. albopictus	15	58	2
Ae. vexans	34	308	1
An. atropos	1	3	
An. bradleyi	6	38	
An. crucians	4	6	
An. punctipennis	13	35	
An. quadrimaculatus	9	11	
Cq. perturbans	26	372	
Cs. inornata	1	1	
Cs. melanura	46	346	
Cx. erraticus	9	16	
Cx. mix	82	1628	4
Cx. pipiens	11	178	
Cx. restuans	13	294	
Cx. salinarius	7	47	
Cx. territans	3	3	
Oc. atlanticus	1	1	
Oc. canadensis	34	947	
Oc. cantator	10	427	
Oc. grossbecki	5	32	
Oc. japonicus	14	19	
Oc. sollicitans	1	1	
Oc. triseriatus	24	101	
Oc. trivittatus	2	3	
Ps. columbiae	3	8	1
Ps. ferox	2	2	

	Ur. sapphirina	2	2	
Camden		196	2190	5
	Ae. albopictus	25	70	
	Ae. vexans	21	372	
	An. atropos	2	2	
	An. bradleyi	7	165	
	An. crucians	4	163	
	An. punctipennis	12	29	
	An. quadrimaculatus	9	16	
	Cq. perturbans	9	42	1
	Cs. melanura	9	10	
	Cx. erraticus	3	6	
	Cx. mix	41	972	4
	Cx. pipiens	12	186	
	Cx. restuans	12	95	
	Oc. atropalpus	1	1	
	Oc. canadensis	4	11	
	Oc. triseriatus	16	27	
	Oc. trivittatus	2	3	
	Ps. columbiae	2	3	
	Ps. ferox	1	3	
	Ur. sapphirina	4	14	
Cape May		350	5066	3
	Ae. albopictus	4	12	
	Ae. vexans	3	29	
	An. bradleyi	18	410	1
	An. punctipennis	2	4	
	An. quadrimaculatus	21	813	
	Cq. perturbans	5	151	
	Cs. melanura	41	264	
	Cx. erraticus	8	353	
	Cx. pipiens	146	1767	1
	Cx. restuans	56	407	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	289	2925	31
Ae. albopictus	5	12	
Ae. vexans	18	48	
An. bradleyi	2	4	
An. punctipennis	6	13	1
An. quadrimaculatus	10	25	
Cq. perturbans	7	11	
Cs. melanura	11	17	
Cx. erraticus	13	162	2
Cx. mix	51	457	
Cx. pipiens	33	1055	21
Cx. restuans	7	83	2
Cx. salinarius	9	88	4
Oc. atropalpus	1	1	
Oc. canadensis	25	212	
Oc. cantator	23	196	
Oc. grossbecki	7	8	
Oc. sollicitans	14	29	
Oc. taeniorhynchus	14	151	
Oc. triseriatus	24	325	
Oc. trivittatus	1	3	
Ps. columbiae	5	21	1
Ps. howardii	1	1	
Ur. sapphirina	2	3	
Essex	139	1804	14
Ae. albopictus	3	5	
Ae. vexans	4	21	1
An. punctipennis	3	4	
An. quadrimaculatus	1	4	
Cx. mix	77	1245	1
Cx. pipiens	12	359	10
Cx. restuans	4	16	1
Cx. salinarius	2	3	
Oc. japonicus	18	53	1
Oc. sticticus	2	46	
Oc. triseriatus	9	35	
Oc. trivittatus	2	8	
Ps. ciliata	1	1	
Ps. ferox	1	4	
Gloucester	320	5015	11
Ae. albopictus	73	584	1

	Ae. vexans	8	31	
	An. punctipennis	6	9	
	An. quadrimaculatus	1	1	
	Cq. perturbans	2	3	
	Cx. erraticus	2	22	
	Cx. mix	169	3929	10
	Cx. pipiens	10	151	
	Cx. restuans	6	33	
	Cx. salinarius	4	20	
	Oc. grossbecki	1	1	
	Oc. triseriatus	31	164	
	Ps. ferox	6	66	
	Ps. howardii	1	1	
	(blank)			
Hudson		68	1678	5
	Ae. albopictus	6	164	
	Ae. vexans	4	11	
	An. punctipennis	1	4	
	An. quadrimaculatus	1	1	
	Cq. perturbans	5	88	
	Cx. erraticus	1	1	
	Cx. mix	12	164	1
	Cx. pipiens	11	279	3
	Cx. restuans	4	77	
	Cx. salinarius	20	867	1
	Oc. triseriatus	3	22	
Hunterdon		339	11907	8
	Ae. vexans	3	19	
	An. punctipennis	9	44	
	An. quadrimaculatus	2	10	
	Cx. mix	223	10678	8
	Cx. pipiens	14	72	
	Cx. restuans	20	481	
	Cx. salinarius	3	13	
	Oc. canadensis	2	14	
	Oc. japonicus	33	244	
	Oc. triseriatus	23	119	
	Oc. trivittatus	5	201	
	Ps. columbiae	2	12	

Mercer	53	411	3
Ae. vexans	6	102	
An. punctipennis	7	34	
An. quadrimaculatus	2	4	
Cx. mix	1	8	
Cx. pipiens	15	112	2
Cx. restuans	8	44	1
Cx. salinarius	8	88	
Oc. japonicus	3	5	
Oc. triseriatus	3	14	
Middlesex	271	4468	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	122	2664	22
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	11	23	1
Oc. sollicitans	4	12	
Oc. triseriatus	21	48	
Oc. trivittatus	3	3	
Monmouth	556	6140	52
Ae. albopictus	21	532	
Ae. vexans	32	236	1
An. barberi	2	2	
An. punctipennis	17	42	2
An. quadrimaculatus	7	7	1
Cq. perturbans	5	6	
Cx. erraticus	3	16	
Cx. mix	211	2701	33
Cx. pipiens	50	658	9
Cx. restuans	28	749	2
Cx. salinarius	11	72	2

	Oc. canadensis	11	43	
	Oc. cantator	7	18	
	Oc. japonicus	46	63	
	Oc. sollicitans	36	820	1
	Oc. taeniorhynchus	2	4	
	Oc. triseriatus	54	135	1
	Oc. trivittatus	10	16	
	Ps. columbiae	2	19	
	Ur. sapphirina	1	1	
Morris		331	8225	32
	Ae. cinereus	8	243	
	Ae. vexans	30	807	2
	An. punctipennis	19	111	1
	An. quadrimaculatus	13	489	
	An. walkeri	3	19	
	Cq. perturbans	8	77	
	Cs. melanura	4	8	
	Cx. mix	114	4158	23
	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	40	160	1
	Oc. sticticus	11	420	
	Oc. stimulans	5	151	
	Oc. triseriatus	12	39	1
	Oc. trivittatus	16	404	1
	Or. signifera	1	1	
	Ur. sapphirina	1	10	
Ocean		405	6833	21
	Ae. albopictus	15	97	
	Ae. vexans	27	170	
	An. bradleyi	8	36	
	An. punctipennis	4	7	
	An. quadrimaculatus	2	6	
	Cq. perturbans	18	259	
	Cs. melanura	16	58	
	Cx. mix	150	4752	19
	Cx. pipiens	12	164	1

	Cx. restuans	11	160	
	Cx. salinarius	22	305	
	Cx. territans	1	1	
	Oc. canadensis	18	246	
	Oc. cantator	20	126	
	Oc. grossbecki	1	1	
	Oc. japonicus	9	31	1
	Oc. sollicitans	20	243	
	Oc. sticticus	1	1	
	Oc. taeniorhynchus	3	24	
	Oc. triseriatus	42	128	
	Ps. ferox	4	17	
	Ur. sapphirina	1	1	
Passaic		320	9767	41
	Ae. vexans	7	21	
	An. punctipennis	10	43	
	An. quadrimaculatus	8	49	1
	An. walkeri	1	2	
	Cq. perturbans	4	10	
	Cx. mix	214	8987	39
	Cx. pipiens	8	269	
	Cx. restuans	5	75	
	Cx. salinarius	3	4	
	Oc. canadensis	2	19	
	Oc. japonicus	32	171	1
	Oc. triseriatus	21	102	
	Oc. trivittatus	5	15	
Salem		493	5688	4
	Ae. albopictus	1	1	
	Ae. vexans	33	134	
	An. bradleyi	13	56	
	An. punctipennis	24	94	2
	An. quadrimaculatus	76	1136	1
	An. walkeri	3	5	
	Cq. perturbans	10	19	
	Cs. melanura	52	493	
	Cx. erraticus	22	377	
	Cx. mix	131	1906	1
	Cx. pipiens	19	119	
	Cx. restuans	10	87	
	Cx. salinarius	43	1045	

	Cx. territans	3	7	
	Oc. canadensis	1	2	
	Oc. cantator	14	49	
	Oc. sollicitans	6	15	
	Oc. taeniorhynchus	1	2	
	Oc. thibaulti	2	3	
	Oc. triseriatus	29	138	
Somerset		293	7048	18
	Ae. vexans	6	12	
	An. barberi	1	1	
	An. punctipennis	9	27	
	An. quadrimaculatus	4	4	
	Cx. mix	155	6235	16
	Cx. pipiens	13	301	
	Cx. restuans	13	217	
	Cx. salinarius	3	5	
	Oc. canadensis	3	5	
	Oc. japonicus	43	113	1
	Oc. sticticus	1	1	
	Oc. stimulans	1	1	
	Oc. triseriatus	38	89	1
	Oc. trivittatus	2	36	
	Ps. ferox	1	1	
Sussex		544	16737	1
	Ae. cinereus	10	95	
	Ae. vexans	51	1867	
	An. punctipennis	21	257	
	An. quadrimaculatus	14	152	
	An. walkeri	3	94	
	Cq. perturbans	44	1201	
	Cs. morsitans	1	1	
	Cx. mix	177	7042	1
	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	42	349	
	Oc. sticticus	21	651	

	Oc. stimulans	8	207	
	Oc. triseriatus	33	348	
	Oc. trivittatus	77	3438	
	Or. signifera	1	1	
	Ur. sapphirina	2	5	
Union		129	3316	8
	Ae. albopictus	4	7	
	Ae. vexans	5	26	
	An. punctipennis	4	7	
	An. quadrimaculatus	2	3	
	Cx. mix	44	1706	8
	Cx. pipiens	31	869	
	Cx. restuans	18	645	
	Cx. salinarius	4	21	
	Oc. japonicus	5	8	
	Oc. triseriatus	12	24	
Warren		358	8658	2
	Ae. cinereus	1	3	
	Ae. vexans	9	80	
	An. crucians	1	5	
	An. punctipennis	21	98	
	An. quadrimaculatus	23	292	
	An. walkeri	9	356	
	Cq. perturbans	11	115	
	Cx. mix	186	7089	2
	Cx. pipiens	4	23	
	Cx. restuans	5	53	
	Cx. salinarius	1	1	
	Oc. atropalpus	1	2	
	Oc. canadensis	1	11	
	Oc. japonicus	43	282	
	Oc. stimulans	2	8	
	Oc. triseriatus	32	215	
	Oc. trivittatus	6	23	
	Or. signifera	1	1	
	Ur. sapphirina	1	1	
Grand Total		6756	140651	425



