

VECTOR SURVEILLANCE SUMMARY SHEET

WEEK: 4

Culiseta melanura Monitor

June 24 - 28, 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.)	1.9	0.1	40	11	-	Waterford (Camden Co.)	2.7	0	1	1	-
Corbin City (Atlantic Co.)	1.2	0.3	43	11	-	Centerton (Salem Co.)	2.1	1.5	189	17	-
Dennisville (Cape May Co.)	3.0	0.1	132	11	-						

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	659	294	37	13	104	62	33	22	13	45	14	13	197	1,506
Total Specimens	18,381	9,414	680	650	2,126	1,120	974	77	84	63	25	60	2,793	36,447
No. Positive Pools	1	1	0	0	0	0	0	0	0	0	0	0	0	2

Remarks: *Culiseta melanura* populations have been consistently low for the entire month of June at the sites where we have long term data on population levels. Centerton remains the only exception this year and is the only area we are monitoring with the potential for amplifying EEE virus in local bird populations. The month of July is normally a period when *Cs. melanura* populations decline steadily until the second generation of the season emerges in late July or early August. Considering this season's low spring population levels, *Cs. melanura* may not be able to recover until the transmission season is all but over. The totals for WNV surveillance have not changed since the last report because of data access problems in the system.

WNV Positive Pools through 6/21/02: 50 *Cx. restuans* Tinton Falls, Monmouth Co. 5/22/02
 50 *Cx. spp.* Merchantville, Camden Co. 6/12/02

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