

NEW JERSEY STATEWIDE SURVEILLANCE

Week 36 Report for 31 August to 07 September, 2004

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Purpose: Data from 84 New Jersey light traps contributed by county mosquito control agencies are used to calculate trends in mosquito populations for species of nuisance or health concerns.

Calculations are based on regional distributions, with emphasis on mosquito habitat and land use. Trends will allow a statewide evaluation of changing mosquito populations, in response to control and/or changes in habitat.

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Figure 1a: Map of ten regions selected for the New Jersey Surveillance Program overlaid with county borders.

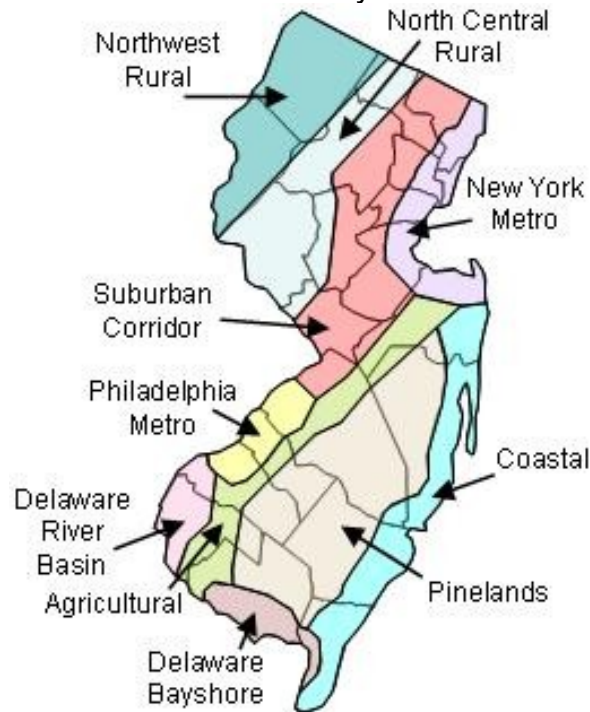


Figure 1b. Trap lat-long locations.



Summary table

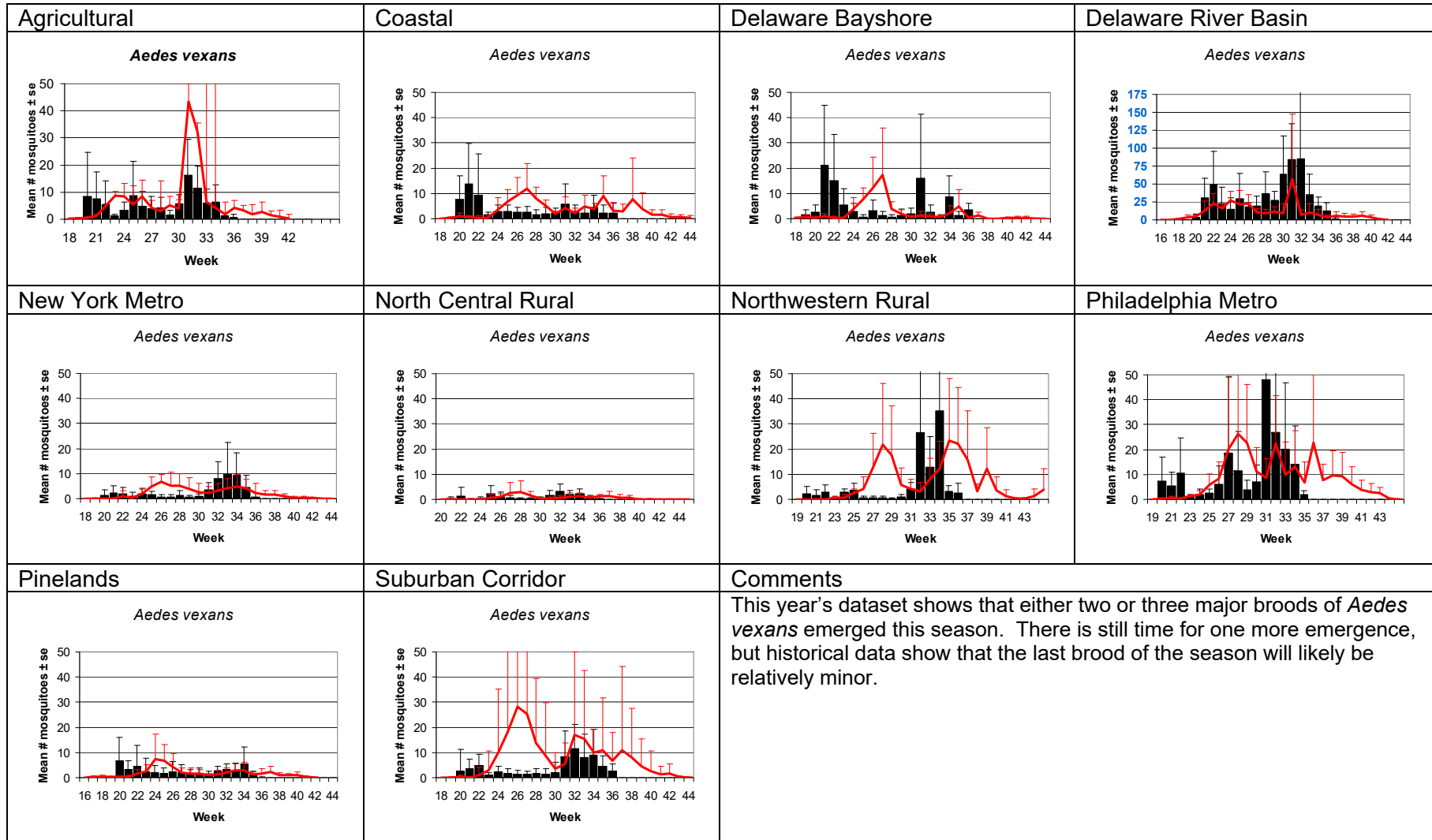
	<i>Aedes vexans</i>		<i>Culex complex</i>		<i>Coquillettidia perturbans</i>		<i>Ochlerotatus sollicitans</i>	
Region	This Week	Average*	This Week	Average*	This Week	Average*	This Week	Average*
Agricultural	0.99	4.12	8.71	16.49	0	0.02	1.19	0.49
Coastal	2.10	3.33	0.48	4.60	0.06	0.03	9.65	14.33
Delaware Bayshore	3.52	0.33	14.81	3.83	0.38	0.31	20.57	0.17
Delaware River Basin	1.29	6.55	0.86	6.06	0.43	0.04	0	1.56
New York Metro	0.70	2.22	0.40	7.62	0	0.02	0.71	0.03
North Central Rural	0.18	1.41	0.71	0.68	0.02	0	0	0
Northwest Rural	2.71	15.68	0.48	7.50	0	0.09	0	0
Philadelphia Metro	0	7.59	0	4.38	0	0.15	0	0
Pinelands	0.10	2.92	0.21	4.39	0.03	0.10	0.06	0.08
Suburban Corridor	2.46	6.59	1.97	3.42	0.61	0.29	0	0.11

Please Note: Historical data is being entered and not yet complete. These values and graphics will change as more data is entered.

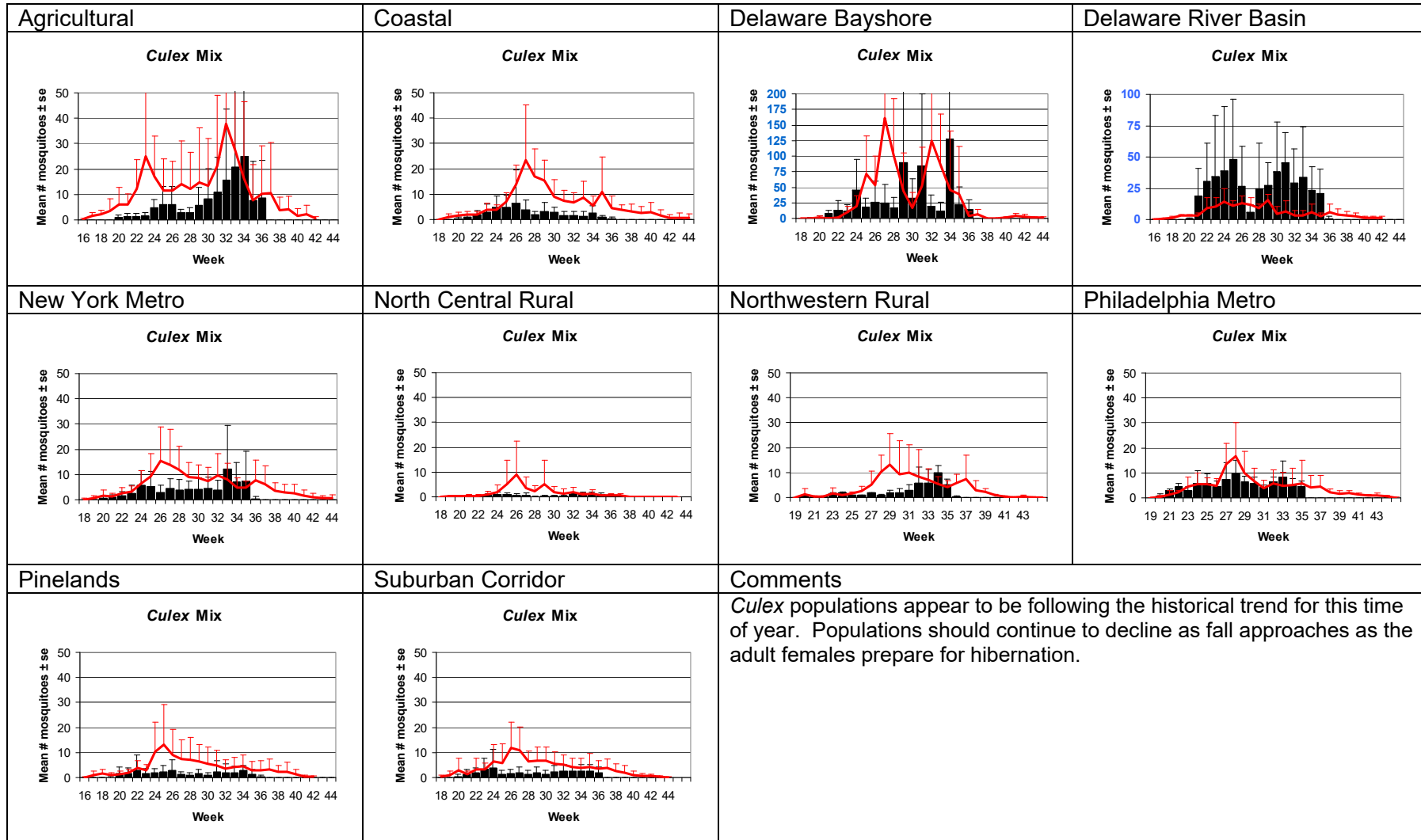
Additional Species, including *Ochlerotatus japonicus*..

Note: Due to the recent holiday, only 11 out of 21 counties reporting.

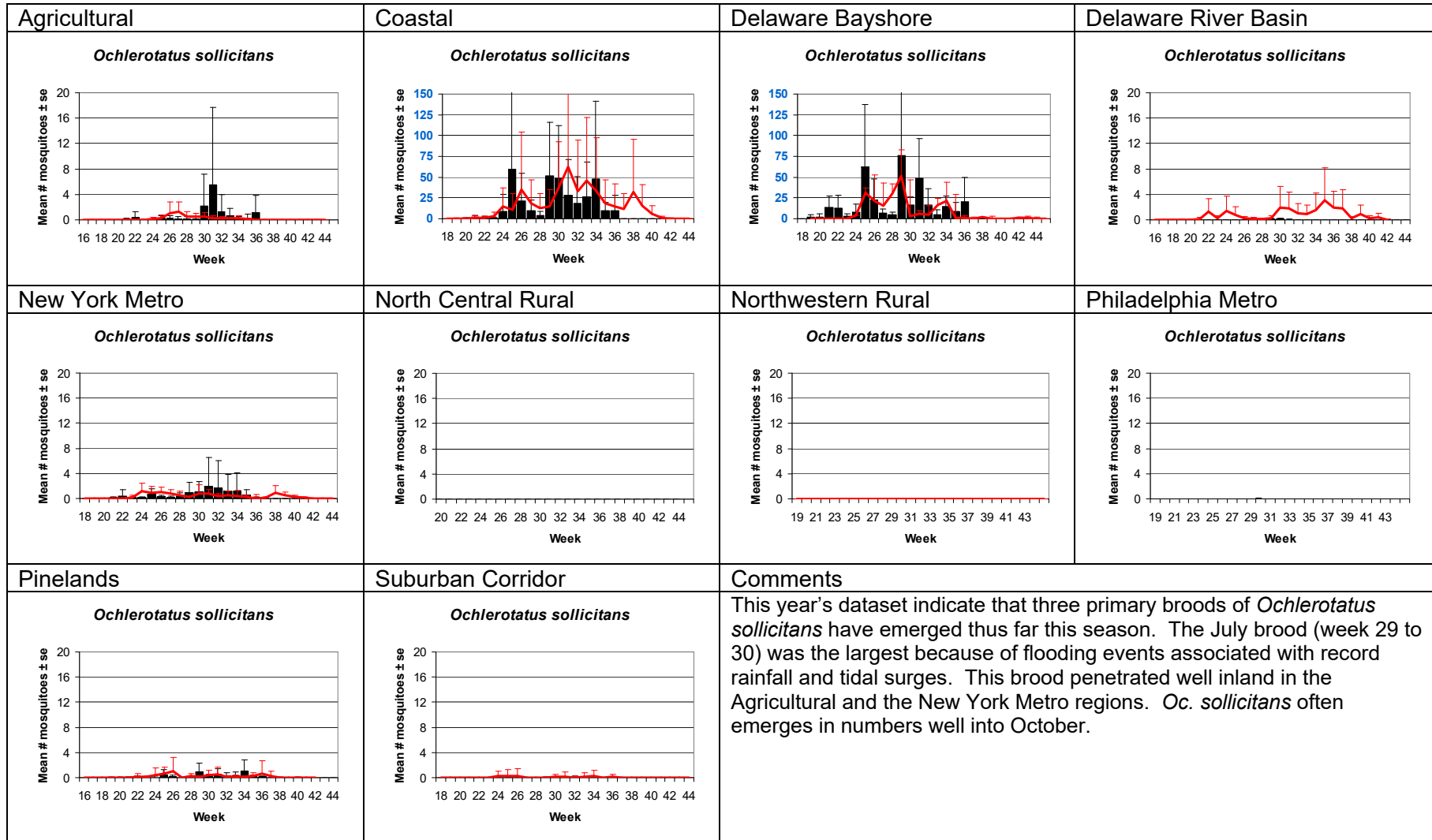
Aedes vexans - Fresh Floodwater Species



Culex Complex - Multivoltine Culex Species



Ochlerotatus sollicitans - Salt Marsh Floodwater Species



Ochlerotatus japonicus – Multivoltine Aedine

