

Norfolk County Mosquito Control District Weekly Report

Epi Week 24 (June 10-June 16)

Report prepared by Kaitlyn O'Donnell, Nate Boonisar, and Dave Lawson

Pools submitted:

<i>Species code</i>	CAN	PER	PRE
<i>Number of pools</i>	2	3	5
<i>Total specimens</i>	100	134	140

Mosquito Activity:

Mosquito activity nearly doubled this week from Epi week 23, though numbers remain low compared to those of Epi week 22 and earlier. *Oc. canadensis* remains the most abundant species caught in CDC traps, though numbers of *Cq. perturbans* and *Culex* spp. increased dramatically in CDC traps this week and became the second and third most abundant species in traps. *Oc. aurifer*, *excruciatus* are still consistently caught in CDC traps at expected sites. The number of *Cs. melanura* collected this week decreased a further 85%, after dropping nearly 80% from Epi week 22 to 23. Gravid traps were once again very unproductive, accounting for only 5% of the total mosquitoes trapped during Epi week 24.

Weather Report:

Temperatures this week averaged pretty close to normal with the exception of Friday when temperatures were well below normal. The short term dry stretch continued with very little rain this week. Some very light rain fell on Wednesday, but amounts were generally under a tenth of an inch.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 0.14"

Total Month: 1.03"

Millis Total Week: 0.04"

Total Month: 0.95"

Foxborough: Total Week: 0.03"

Total Month: 0.87"

Norwood: Total Week: 0.01"

Total Month: 0.92"

Quincy: Total Week: 0.00"

Total Month: 1.14"

Stoughton: Total Week: 0.05"

Total Month: 1.18"

Weymouth: Total Week: 0.00"

Total Month: 1.29"

Control Response/Intervention:

ULV applications for adult control continue, and finally the weather is cooperating with warmer evenings and less rain. Catch basin treatments continue in more urban areas of the District. Salt marsh larvicide took place this week in response to a spring high tide on June 15th.