

Norfolk County Mosquito Control District Weekly Report

Epi Week 29 (July 16 - July 22)

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Pools submitted:

<i>Species code</i>	MEL	MOR	PER	PRE
<i>Number of pools</i>	2	1	3	22
<i>Total specimens</i>	15	11	150	873

Mosquito Activity:

Mosquito numbers continued to increase this week in both CDC and gravid traps. *Cq. perturbans* increased by 40% and was the most abundant species in CDC traps. Numbers of *Culiseta melanura* and *Culiseta morsitans* increased as well. We have consistently found more *Culiseta spp.* in traps throughout the 2017 season than in 2015 and 2016. *Oc. aurifer* activity seems to have dropped off and will likely be completely finished in the next epiweek. *Oc. canadensis* and *Oc. excrucians* are still common in CDC traps at certain sites and *Ps. ferox* numbers remain high at expected sites. Numbers of *Cx. pipiens/restuans* complex continue to increase in both CDC and gravid traps, they have been steadily increasing throughout the season. *Cx. pipiens/restuans* complex made up almost 40% of the total mosquito species caught in CDC traps. Though numbers of *Cx. pipiens/restuans* continue to climb at almost all sites in both trap types and *Cq. perturbans* numbers increased this week, we have found fewer *Cx. pipiens/restuans* and *Cq. perturbans* this year than in 2016.

Weather Report:

Temperatures this week averaged above normal with high humidity.

This week was relatively dry. On Tuesday, there were some localized showers with torrential rainfall. Most areas remained dry, but areas where these showers occurred received up to three quarters of an inch of rain in generally under a half hour.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 0.47"

Total Month: 3.05"

Foxborough: Total Week: 0.00"

Total Month: 3.56"

Needham Total Week: 0.41"

Total Month: 1.75"

Norwood: Total Week: 0.76"

Total Month: 2.18"

Stoughton: Total Week: 0.00"

Total Month: 2.45"

Weymouth: Total Week: 0.00"

Total Month: 2.72"

*CoCoRaHS = Community Collaborative Rain, Snow, and Hail network

Requests for service:

Check water requests

To date	421
Epi week 29	4

ULV requests

To date	4,134
Epi week 29	347

Control Response/Intervention:

The District continues to respond to requests from residents for ULV applications and sporadic larvicide requests. Catch basin treatments continue in a few towns.