

# Norfolk County Mosquito Control District Weekly Report

## Epi Week 30 (July 22 – July 28)

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### Pools submitted:

<i>Species code</i>	PER	PRE	SAL
<i>Number of pools</i>	9	8	1
<i>Total specimens</i>	450	228	50

### Mosquito Activity:

There was a 23% drop in total mosquitoes trapped this week; however, traps in 8 towns in the south western part of the county saw a marked increase in mosquito numbers, especially *Cq. perturbans*. Coastal traps saw an increase in *Oc. sollicitans* and *Oc. taeniorhyncus*, but a 50% decrease in *Oc. cantator*. The most abundant mosquito species in traps continue to be *Cq. perturbans*, followed by *Cx. pipiens/restuans* and *Oc. canadensis* as a close third. Compared to Epi week 30 last year, we are seeing higher numbers of *Cq. perturbans*, but *Cx. pipiens/restuans* are at only 20% of the total in Epi week 30 2017.

### Weather Report:

Temperatures this week averaged above normal, mainly due to overnight lows which were well above normal thanks to very high humidity all week.

Due to the tropical airmass over the region this week, rainfall consisted of hit or miss downpours. More organized rainfall occurred on Thursday when a line of thunderstorms associated with a cold front crossed the region. Over the week, rainfall ranged from around half inch in the east, to over two inches in the west.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 1.81"

Total Month: 4.30"

Millis Total Week: 2.26"

Total Month: 5.13"

Foxborough: Total Week: 1.28"

Total Month: 3.52"

Norwood: Total Week: 0.92"

Total Month: 4.04"

Quincy: Total Week: 0.45"

Total Month: 3.30"

Stoughton: Total Week: 1.17"

Total Month: 4.89"

Weymouth: Total Week: 1.33"

Total Month: 3.12"

**Control Response:**

ULV adulticide applications continue in response to a moderate amount of requests from residents across the District. Catch basin treatments continue as well. Some ground larviciding has been conducted, mostly in response to sources created by recent rains. Some water management work is being completed.