

Norfolk County Mosquito Control District Weekly Report

Epi Week 28 (July 8 – July 14)

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Pools submitted:

<i>Species code</i>	CAN	PER	PRE
<i>Number of pools</i>	1	7	9
<i>Total specimens</i>	50	350	239

Mosquito Activity:

Total trap catch increased this week, driven by a nearly 50% increase in *Cq. perturbans* numbers from last week. Increases in both *Anopheles spp.* and *Ae. vexans* also contributed to the increase in total trap catch. *Cx. pipiens/restuans* numbers decreased by 25% while *Cs. melanura* numbers were relatively consistent with Epi week 27. *Oc. canadensis* are continuing to decline each week, though we still capture fairly large numbers at certain sites. We also began picking up low numbers of *Oc. trivittatus* and *Oc. sollicitans* in traps this week.

Weather Report:

Temperatures were variable this week, ranging from slightly above to slightly below normal, with warmer temperatures at the beginning of the week.

The only rainfall this week occurred overnight Tuesday into very early Wednesday when showers and thunderstorms crossed the District. Generally amounts of ¼ to ¾ of an inch occurred across the District with highest amounts across northern sections.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 0.23"

Total Month: 1.22"

Millis Total Week: 0.68"

Total Month: 1.56"

Foxborough: Total Week: 0.30"

Total Month: 1.14"

Norwood: Total Week: 0.67"

Total Month: 1.22"

Quincy: Total Week: 0.86"

Total Month: 1.36"

Stoughton: Total Week: 0.26"

Total Month: 1.29"

Weymouth: Total Week: 0.73"

Total Month: 1.14"

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.