

# Norfolk County Mosquito Control District Weekly Report

## Epi Week 25 (June 17-June 23)

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

### Pools submitted:

<i>Species code</i>	MEL	PER	PRE
<i>Number of pools</i>	1	5	19
<i>Total specimens</i>	15	203	603

### Mosquito Activity:

This week saw a large increase in mosquitoes caught in both CDC and gravid traps. The most abundant species in traps this week was *Cq. perturbans*, having increased nearly 6 times the number trapped last week. A close second was *Oc. canadensis*, which has had consistent high numbers at most wooded sites since we began trapping. Early spring species are still hanging on in CDC traps, though their numbers are decreasing each week. *Cx. pipiens/restuans* numbers more than doubled this week, resulting in a greater number of pools tested and our first WNV positive pool for the season. There was not a single gravid trap in the county that did not produce adult *Cx. pipiens/restuans*. We also had a spike in *Oc. triseriatus* in a few traps throughout the county, with one site in particular producing a lot of this species. Numbers of *Cs. melanura* have also increased this week, though there were fewer trapped this week than in Epi week 22.

### Weather Report:

Temperatures this week averaged above normal, but dipped below normal on Friday and Saturday. Precipitation was once again very limited this week, occurring on Monday and Saturday, amounting to between 0.1" and 0.2" across the District on Monday. Some localized showers on Saturday produced a few tenths of an inch, while most areas received some light drizzle. As of this week, the US Drought Monitor designated the western portion of the District as "Abnormally Dry," the first level in their drought designations.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 0.42"

Total Month: 1.45"

Millis Total Week: 0.05"

Total Month: 1.00"

Foxborough: Total Week: 0.14"

Total Month: 1.01"

Norwood: Total Week: 0.16"

Total Month: 1.08"

Quincy: Total Week: 0.18"

Total Month: 1.32"

Stoughton: Total Week: 0.11"

Total Month: 1.29"

Weymouth: Total Week: 0.22"

Total Month: 1.51"

**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.