

Norfolk County Mosquito Control District Weekly Report

Epi Week 34 (August 21 – August 27)

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Pools submitted:

<i>Species code</i>	PER	PRE	SAL
<i>Number of pools</i>	1	11	1
<i>Number of individuals</i>	50	417	50

Mosquito Activity:

Trap catch decreased by 41% from Epi week 33 to 34. *Culex pipiens/restuans* complex mosquitoes were the most abundant, but total numbers of this species decreased by 54% from Epi week 33 to 34. The highest numbers of *Cx. pipiens/restuans* were in CDC traps. *Cq. perturbans* numbers decreased as well. Total numbers of *Culex salinarius* in CDC traps quadrupled from Epi week 33 to 34. These three species are much more prevalent than they were during this Epi week in 2015. *Cs. melanura* numbers remain very low, at only 1% of what they were during Epi week 34 in 2015. We have not trapped any *Cs. melanura* in our resting boxes and only rarely find them in CDC and gravid traps at select sites. Similarly, numbers of *Aedes vexans* remain much lower than in 2015. Abundance of *Anopheles spp.* is inconsistent, having dropped after a large jump in numbers during Epi week 33.

Weather Summary:

Temperatures were below normal to start the week, then above normal to end the week.

Widespread precipitation fell in the early morning hours on Monday, with most areas receiving 0.5" to 0.75" inches of rain. On Friday, brief showers affected localized areas around Wrentham, as well as Medfield eastward to Braintree. Amounts in these showers ranged up to a quarter inch. With weekly amounts generally under an inch District-wide, there was little relief to the ongoing drought conditions.

Total weekly rainfall: 0.77 inches
Total Monthly rainfall: 1.64 inches
Total Yearly rainfall: 19.97 inches

Requests for service:

Check water requests

To date	523
Epi week 34	0

ULV requests

To date	5442
Epi week 34	228

Control Response/Intervention:

The NCMCD is wrapping up larvicide applications to catch basins in the more urban communities of the District to control Culex spp. ULV aerosol applications for adult control continue but will end on September 1st. Ground larviciding requests remain suspended due to dry conditions across the District and the lack of larvae in remaining wet areas. In response to WNV isolations in mosquitoes, The District has conducted some ULV applications in response to WNV isolations in Dedham and Canton and Westwood, and has conducted barrier applications near and around schools and ball field properties in Canton and Westwood.

Outreach:

There is no outreach planned this week.