

# Norfolk County Mosquito Control District Weekly Report

## Epi Week 33 (August 14 – August 20)

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### Pools submitted:

<i>Species code</i>	PER	PRE
<i>Number of pools</i>	1	25
<i>Number of individuals</i>	50	1125

### Mosquito Activity:

Mosquito catch was down by 12% from last week, with the most common species in both CDC and gravid traps being *Cx. pipiens/restuans*. There was an 18% increase in *Cq. perturbans* catch from last week to this week, though numbers of this species remain low after decreasing post peak during Epi week 26. Numbers of *Anopheles spp.*, especially *An. walkeri*, remain higher this week. There was a small increase in *Oc. canadensis* caught in CDC traps this week and an increase in numbers of *Oc. japonicus* in gravid traps. CDC traps collected a very low number of *Culiseta* and saltmarsh species.

### Weather Summary:

Temperatures this week averaged above normal to well above normal during the entire week with high humidity to start off the week.

Two precipitation events occurred this week, but offered little to no relief from the dry conditions. The first was a thunderstorm on Sunday evening that moved from Medway eastward to South Weymouth. Amounts were generally around a quarter inch across that area. The second event occurred on Tuesday, mostly in western areas, where amounts of up to a half inch fell locally in the Bellingham area.

The US Drought Monitor placed central and eastern areas in the District into the Extreme Drought category this week, with western sections remaining in Severe Drought.

Total weekly rainfall:	0.33 inches
Total Monthly rainfall:	0.87 inches
Total Yearly rainfall:	19.20 inches

**Requests for service:***Check water requests*

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To date	523
Epi week 33	0

*ULV requests*

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To date	5214
Epi week 33	247

**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 1<sup>st</sup>. Ground larviciding requests remain suspended due to dry conditions across the District and the lack of larvae in any remaining wet areas. We have conducted some ULV applications to areas near locations of WNV isolations in Dedham and Canton.

**Outreach:**

There is no outreach planned this week.