

Norfolk County Mosquito Control District Weekly Report

Epi Week 26 (June 26-July 2)

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

Pools submitted:

<i>Species code</i>	CAN	MEL	PER	PRE
<i>Number of pools</i>	3	3	13	41
<i>Number of individuals</i>	104	52	650	1356

Mosquito Activity:

NCMCD submitted a total of 60 pools for Epi week 26, with the majority of these pools consisting of *Cx. pipiens/restuans*. Gravid traps were very productive this week, with the majority of *Cx. pipiens/restuans* pools coming from gravid traps throughout the county, though these mosquitoes were also caught in high numbers in CDC traps this week. *Och. canadensis* continue to decline in CDC traps, while an emergence of *Och. atropalpus* was found in CDC traps in the western part of the county. Mosquito numbers were high this week, with traps in Braintree, Franklin, and Dedham collecting between 2,000 and 3,500 individuals in each trap, mostly consisting of *Cq. perterbans*. *Och. taeniorhynchus* and *Och. cantator* continue to be collected near the manmade salt pond in Holbrook as well as along the coast in Quincy. *Och. sollicitans* was not present in any traps this week.

Weather report:

Temperatures were slightly above average throughout the week.

Precipitation this week came from rounds of showers and thunderstorms. The highest amounts of up to an inch occurred across western portions of the District, while amounts as low as a quarter inch occurred across the eastern part of the District.

Total weekly rainfall: 0.52 inches

Total Monthly rainfall (June): 1.83 inches

Total Yearly rainfall: 16.82 inches

Requests for service:*Check water requests*

To date	521
Epi week 26	0

ULV requests

To date	3,184
Epi week 26	139

Control Response/Intervention:

The NCMCD continues to apply larvicide to catch basins in the more urban communities of the District to control *Culex* spp., as well as applying ULV aerosol for adult control in response to resident requests. A steady amount of requests from residents to pick up used tires continues. Ground larviciding requests have been suspended due to dry conditions across the District and the lack of larvae in any remaining wet areas. Salt marsh larviciding is planned for epi week 27 after a spring high tide that will occur on July 3rd.

Outreach:

NCMCD had an informational booth at the Randolph farmers market on Wednesday, June 29 and fielded many questions from Randolph residents about mosquitoes and the services we provide. Entomologist, Kaitlyn O'Donnell will give a talk about mosquitoes and ticks in Wrentham on Monday July 11, 2016.