

Norfolk County Mosquito Control District

2015 Mosquito Report: Week of August 9 –15

Report based on data collected from traps deployed the week of August 10-14. Report prepared by Dave Lawson, and Nate Boonisar.

1-3. Due to the loss of the Districts entomologist, current reports will be of a briefer nature until we can staff the entomologist position. Mosquito identification is being conducted by Michael Selling.

The CDC trap collections show that numbers of Cq. perturbans continue to decline, but perturbans is still the most abundant mosquito in CDC trap collections. Ae. vexans now shows low numbers in some traps and non-existent in others. Cs. melanura was collected in many traps but only in low numbers. Ur. sappharina was common in many traps this week. Low numbers of various other species continue being trapped.

Gravid trap collections: A majority of the traps still show low numbers of Culex pipiens/restuans. Only the Quincy and Dedham traps had decent numbers.

4. Weather Summary

WEATHER SUMMARY – August 09-15, 2015

Temperatures averaged below normal to start the week, then were above normal by the end of the week. There were two precipitation events this week. The first occurred on Tuesday when an area of moderate to heavy rain moved through late morning into the early afternoon. Generally, a widespread half inch of rain fell across the District. The second event happened later Saturday afternoon into the evening when a cluster of thunderstorms continuously moving across the District brought some torrential rain in a 5-8 mile wide swath from Dover to Holbrook. Rainfall within this swath ranged from 1 to 3 inches with the highest amounts in the Dover and Randolph areas. Outside of this swath, amounts were generally under a half inch.

So far this month, rainfall has been generally 25-50% of normal in the southwest and northeast sections of the District, while those areas that received the heavy rain on Saturday were running 90-150% of normal for the month.

Total weekly rainfall:	1.65 inches (+0.90 in.)
Total Monthly rainfall:	1.97 inches (+0.38 in.)
Total Yearly rainfall:	21.24 inches (-4.68 in.)

5. Number of requests for service

NCMCD received 332 calls for service this week, 3 of them larvicide requests. We have recorded a total of 6,000 ULV service requests for the year and 482 larvicide requests.

6. MCP/Commission response

The District is currently responding to requests for spraying with our evening ULV application program and some barrier applications where applicable. Catch basin applications continue but are complete in all but 2 towns. Recent lack of rain has seen a decrease in larvicide requests.