

Norfolk County Mosquito Control District

2015 Mosquito Report: Week of July 26 – August 1

Report based on data collected from traps deployed the week of July 27-July 31. 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 seem to show that numbers of *Cq. perturbans* are in decline, but are still high in some traps. *Perturbans* is still the most abundant mosquito in trap collections. *Ae. vexans* is the next most abundant mosquito being trapped, with high numbers in some traps and non-existent in others. There is still a moderate amount of *Cs. melanura* being trapped in some locations. Low to moderate numbers *Ps. ferox*, and *An. punctipennis* continue showing up in many traps. Low numbers of various other species are also being trapped.

Gravid trap collections: A majority of the traps still show low numbers of *Culex pipiens/restuans*. This is probably due to flushing of containers/basins from recent heavy rains. The Quincy and Avon traps had high numbers.

4. Weather Summary

WEATHER SUMMARY – July 26-August 01, 2015

Temperatures this week averaged above normal with hot and humid conditions. Dry conditions continued with very localized rainfall from thunderstorms but no amounts over a quarter inch occurred.

While July started off quite wet, it became very dry towards the middle to end of the month. Overall, rainfall was 25-75% of normal across the district with highly localized areas of near normal in the Weymouth area. 60 and 90-day rainfall is 50-75% of normal in the west, to near to slightly above normal in the east.

Total weekly rainfall:	0.15 inches (-0.55 in.)
Total Monthly rainfall (July):	2.49 inches (-0.57 in.)
Total Yearly rainfall:	19.32 inches (-5.12 in.)

5. Number of requests for service

NCMCD received 368 calls for service this week, 12 of them larvicide requests. We have recorded a total of 5,297 ULV service requests for the year and 475 larvicide requests.

6. MCP/Commission response

The District is currently responding to requests for spraying with our evening ULV application program. Catch basin applications continue in our more urban areas, but are being completed in most towns now.

Recent lack of rain has seen a decrease in larvicide requests. Salt marshes will be checked and treated with larvicide in the upcoming week due to a spring high tide on August 2nd.