

Norfolk County Mosquito Control District

2015 Mosquito Report: Week of August 30 –September 5

Report based on data collected from traps deployed the week of August 31-September 4. 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 *Ae. vexans* was the most common mosquito trapped this week. *Ur. sapphirina* is the next most abundant mosquito in CDC trap collections. *An. punctipennis*, *Ps. ferox* and *Cs. melanura* were collected in moderate amounts. Only 3 *Cq. perturbans* were collected in the whole District. Low numbers of various other species continue being trapped.

Gravid trap collections: Overall numbers of *Culex pipiens/restuans* are still low, except for a few decent trap numbers from Quincy, Randolph, Walpole and Foxboro.

4. Weather Summary

WEATHER SUMMARY – August 30 – Sept 05, 2015

Temperature this week averaged generally above normal with a brief cool-down at the end of the week. The dry trend continued for most areas with the exception of Thursday evening when some highly localized showers/thunderstorms moved across mostly western sections. Amounts peaked at around a half inch in Medway but were otherwise below a quarter inch for most areas, and no rainfall in the east.

August rainfall was generally below normal across the District with monthly amounts generally 1.5 to 3 inches. This translates to 50-75% of normal for most areas with scattered localized areas below 50% of normal. The one exception was the Dover area where amounts of over 4 inches occurred which is around 125% of normal.

Total weekly rainfall:	0.02 inches (-0.77 in.)
Total Monthly rainfall (Sept):	0.02 inches (-0.55 in.)
Total Yearly rainfall:	21.98 inches (-6.29 in.)

5. Number of requests for service

NCMCD received 248 calls for service this week, 4 of them larvicide requests. We have recorded a total of 6,785 ULV service requests for the year and 492 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. With persistent dry weather and low numbers of requests for spraying, we are contemplating ending ULV applications on Sept 10th.