

Norfolk County Mosquito Control District

2015 Mosquito Report: Week of June 29 – July 03

Report based on data collected from traps deployed the week of June 29-July 3. 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.

The CDC trap collections are predominantly *Och. excrucians* and *Cq. perturbans* with some traps showing decent amounts of *Och. canadensis* and *Cs. melanura*. Low numbers of various other species are also being trapped.

Gravid trap collections are increasing significantly in some traps, but a majority of the traps still show low numbers of *Culex pipiens/restuans* complex.

4. Weather Summary

WEATHER SUMMARY – June 28-July 04, 2015

Temperatures this week averaged near normal overall. There were two episodes of rainfall. Widespread rain fell on Sunday morning with total amounts of 0.75" to 1.75" across the district, highest amounts in the east. A second period of rain/thunderstorms occurred on Wednesday with a widespread 0.25" to 0.75," again, highest amounts in the east.

Rainfall for the month of June across the district was variable. Most areas received between around three to over five inches of rain with highest amounts in the east. These amounts range from 90 to 150% of normal. For the year, rainfall has been 75 to 90% of normal throughout the district.

Total weekly rainfall:	1.08 inches (+0.36 in.)
Total Monthly rainfall (June):	2.99 inches (-0.23 in.)
Total Yearly rainfall:	17.22 inches (-4.46 in.)

5. Number of requests for service

We received 472 calls for service this week, 10 of them larvicide requests. We have recorded a total of 3,478 ULV service requests for the year and 435 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. Due to recent rain events, we are responding to larvicide requests from residents as needed. Salt marshes are being treated after the July 5 spring high tide.