

Norfolk County Mosquito Control District

2015 Mosquito Report: Week of September 13 –September 20

Report based on data collected from traps deployed the week of September 14-September 19. Report prepared by Dave Lawson, and Nate Boonisar.

1-3. Due to the loss of the Districts entomologist, reports for the 2015 season will be of a briefer nature. Mosquito identification is being conducted by Michael Selling and Kaitlyn O'Donnell.

The CDC trap collections show that *Ae. cinereus* and *Ae. vexans* were the most common mosquitoes trapped this week – the *cinereus* all from one location in Dover. Next highest trapped species is *Cx. pipiens/restuans* complex. Only 12 *Cs. melanura* and 1 *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 low, except for a few decent trap numbers from Quincy and Norwood. There is a noticeable increase in catches of *Och. japonicus* this week.

4. Weather Summary

WEATHER SUMMARY – September 13—19, 2015

Temperatures started the week near to slightly below normal but quickly increased to well above normal for the remainder of the week. The only rainfall was on Sunday when some showers occurred mainly east of I-95. Amounts were generally 0.25 – 0.75 inches in the heavier showers. Otherwise, the remainder of the week was dry across the District.

Total weekly rainfall:	0.02 inches (-0.79 in.)
Total Monthly rainfall:	0.64 inches (-1.54 in.)
Total Yearly rainfall:	22.60 inches (-7.28 in.)

5. Number of requests for service

The District conducted its last ULV applications on Monday September 14th. Requests for service after this date have not been recorded in our Sentinel database, but it should be noted that we have received requests since that date. NCMCD received 11 recorded calls for service this week, 0 of them larvicide requests. We have recorded a total of 6,947 ULV requests for the year and 492 larvicide requests.

6. MCP/Commission response

The District conducted its last ULV application on September 14th. No larvicide or barrier applications were conducted this week. We anticipate no further applications, due to the especially dry conditions and the colder weather that has arrived as of the 20th.