

## Norfolk County Mosquito Control District

### 2015 Mosquito Report: Week of July 12 – July 18

Report based on data collected from traps deployed the week of July 13-July 17. 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* have peaked recently, but are still high. *Perturbans* is the most abundant mosquito in trap collections now. There is still a moderate amount of *Och. canadensis* and *Cs. melanura* being trapped. Low numbers of *Ae. vexans* and *Ps. ferox* continue showing up in many traps now. Low numbers of various other species are also being trapped including new arrivals *Cs. morsitans*.

Gravid trap collections: A majority of the traps still show low numbers of *Culex pipiens/restuans*, and even lower this week than last. This is probably due to flushing of containers/basins from recent heavy rains.

#### **4. Weather Summary**

##### WEATHER SUMMARY – July 12-18, 2015

Temperatures were above normal to start the week, then dropped below normal by the end of the week. A few scattered thunderstorms occurred both Wednesday and Thursday as a cold front crossed the area. Amounts were highly localized with many areas receiving a trace while other areas (mainly in the east) had 0.25" – 0.75." Another round of showers moved through Saturday morning giving 0.1"-0.25" across far northern areas.

So far this month, rainfall has been 50-75% of normal along and southwest of I-495, while 100-150% of normal to the northeast of I-495.

|                         |                          |
|-------------------------|--------------------------|
| Total weekly rainfall:  | 0.17 inches (-0.51 in.)  |
| Total Monthly rainfall: | 2.39 inches (+0.53 in.)  |
| Total Yearly rainfall:  | 19.17 inches (-3.88 in.) |

#### **5. Number of requests for service**

We received 539 calls for service this week, 14 of them larvicide requests. We have recorded a total of 4,558 ULV service requests for the year and 459 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. Scattered rain events keep the District looking at larvicide requests from residents and keeping an eye on hot spots that we monitor closely.