

Norfolk County Mosquito Control District Weekly Report

Epi Week 38 (September 17 – September 23)

Report prepared by Kaitlyn O'Donnell, Nate Boonisar, and Dave Lawson

Pools submitted:

| | |
|------------------------|-----|
| <i>Species code</i> | MEL |
| <i>Number of pools</i> | 2 |
| <i>Total specimens</i> | 67 |

Mosquito Activity:

Cs. melanura numbers more than tripled this week. There was a slight increase in overall CDC trap catch, but a 60% reduction in gravid trap catch. Mosquito numbers of all species except *Cs. melanura* and *An. spp.* are down in both trap types. We will conclude our surveillance season next week.

Weather Report:

Temperatures this week averaged above normal to well above normal, mainly due to elevated overnight low temperatures.

Hurricane Jose brought rain to the entire District as it approached and then stalled off to the southeast, then moved back westward. The system lasted from Tuesday evening until early Saturday morning. On a daily basis, precipitation amounts were not overly impressive; however beneficial rains did fall over the entire time period. Precipitation amounts ranged from a half inch across the west, to over 1.5 inches along the southeastern border of the District.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 0.79"

Total Month: 2.69"

Millis Total Week: 0.77"

Total Month: 2.59"

Foxborough: Total Week: 1.03"

Total Month: 2.55"

Needham Total Week: 0.77"

Total Month: 2.14"

Norwood: Total Week: 1.13"

Total Month: 2.77"

Stoughton: Total Week: 1.68"

Total Month: 2.84"

Weymouth: Total Week: 0.68"

Total Month: 1.58"

Requests for service:

Check water requests

| | |
|--------------------|-----|
| To date | 430 |
| Epi week 38 | 0 |

ULV requests

| | |
|--------------------|------|
| To date | 5705 |
| Epi week 38 | 0 |

Control Response/Intervention:

ULV spraying has been discontinued. Since the end of our regular ULV applications the last week of August, the towns with WNV positive mosquito identifications have not requested additional spraying for vector control. Salt marsh larviciding took place this week in response to a fairly low-height spring high tide. Water Management work, including tire pick-ups, is the main focus for the field crew now.