

# Norfolk County Mosquito Control District Weekly Report

## Epi Week 32 (August 4 – August 10)

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### Pools submitted:

<i>Species code</i>	CAN	FER	MEL	PER	PRE	PUN	QUA	SAL	TVT	VEX
<i>Number of pools</i>	2	2	14	25	8	1	1	11	1	2
<i>Total specimens</i>	61	88	116	1174	114	16	17	456	31	87

### Mosquito Activity:

Total trap catch decreased by 45% from last week, driven by a 73% reduction in *Cq. perturbans*. *Cx. pipiens/restuans* numbers remained relatively consistent from last week, while *Cx. salinarius* decreased by nearly 40%. *Cs. melanura* numbers dropped by more than half from last week. *Ps. ferox* numbers nearly quadrupled from last week, making it the most abundant mosquito in traps for epi week 32. Gravid traps remain relatively unproductive, with only one site producing average to high numbers of *Cx. pipiens/restuans*.

### Weather Report:

Temperatures this week averaged fairly close to normal throughout the week. High humidity at the beginning of the week was replaced by comfortable air by the end of the week.

Some scattered showers occurred on Sunday, however the main rain event occurred Wednesday into the pre-dawn hours of Thursday. A period of torrential rain occurred over western sections of the District, mainly west of Interstate 95. Widespread 3-5 inches of rain fell over this area, leading to significant rises on small streams/rivers. While many smaller streams/river likely experienced some flash flooding, this rain did not cause significant flooding on our river floodplains. Rain duration was less east of Interstate 95 where one half to one inch of rain fell across this area.

Selected weekly rainfall (CoCoRaHS):

Bellingham Total Week: 3.33"

Total Month: 3.33"

Millis Total Week: 5.09"

Total Month: 5.09"

Foxborough: Total Week: 0.54"

Total Month: 0.54"

Norwood: Total Week: 3.10"

Total Month: 3.10"

Stoughton: Total Week: 0.86"

Total Month: 0.86"

Weymouth: Total Week: 0.97"

Total Month: 0.97"

**Requests for service:**

*Check water requests*

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To date	434
Epi week 32	0

*ULV requests*

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To date	4808
Epi week 32	553

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**Control Response/Intervention:**

ULV applications and catch basin treatments continue. Salt marshes were treated this week following a 12' spring high tide on the 3<sup>rd</sup>. Occasional larvicide requests for pools or other unique sites are being serviced as well.