

**Central Mass. Mosquito Control Project**  
**Weekly Report- 6/17/18-6/23/18**  
**EPI Week #25**

**Cumulative Surveillance Summary**

Target Species	<i>Ae. vex</i>	<i>Cq. per</i>	<i>Cs. mel</i>	<i>Oc. can</i>	<i>Culex</i>	All Species
No. Pools	5	128	30	79	211	798
Total Specimens	17	7821	64	1595	5396	16594
No. Pools WNV +	0	0	0	0	0	0
No. Pools EEE +	0	0	0	0	0	0

**Weather Summary (Northborough, MA):** The weather for this particular week averaged 69.00°F with a recorded high temperature of 90.7°F and a recorded low temperature of only 51.5°F. For this week there was also a total of 0.38 inches of rain observed. Compared to the previous week, it was approximately 4.16°F warmer on average, and rained about 0.36 inches more. There has been 0.90 inches of rain accumulated in June, after 1.91 inches for the month of May.

**CMMCP Mosquito Summary-**

Target Species	Δ From Last Week	Δ From Last Year	Predominant Trap Site(s)
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<i>Aedes vexans</i>	+300.0%	-76.62%	Boylston
<i>Coquillettidia perturbans</i>	+328.1%	+632.7%	Ashland, Lowell
<i>Culiseta melanura</i>	+66.67%	+255.6%	Gardner, Webster, Wilmington
<i>Ochlerotatus canadensis</i>	+327.7%	-30.04%	Boylston, Wilmington
<i>Culex</i> Species	+88.20%	+200.5%	Boxborough, Worcester
All Species	+181.5%	+133.2%	Ashland, Lowell

The predominant mosquito for the week was *Coquillettidia perturbans*, followed by *Culex* species.

**General narrative:** The temperatures for EPI week 25 averaged approximately 4.16 degrees warmer than the previous week, with 0.38 inches of precipitation observed. Overall collection numbers this week were once again significantly higher than the previous week. To this point in the season, the collections have been higher compared to last season as well. All target species experienced significant increases this week. The most abundant mosquito was *Coquillettidia perturbans*, followed now by *Culex* species. *Coquillettidia perturbans* may continue to increase moving forward.