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Central Mass. Mosquito Control Project
Weekly Report- 9/16/07- 9/22/07
MMWR Epi. Week #38

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	73	481	245	195	602	2993
Total Specimens	337	20018	1198	1093	7810	34461
No. Pools WNV +	0	0	0	0	2*	2*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pools of *Culex pipiens/restuans* found in: Marlborough DPH trap (set 7/29/07) & Holliston DPH trap (set 8/21/07)

Weather Summary (Northborough, MA): The weather for this week averaged 58.94°F, which was 3.16°F cooler than the prior week. The recorded high temperature was 84.7°F with a recorded low temperature of only 36.8°F. There was 0.03 inches of recorded precipitation this week compared to 1.77 inches observed last week. The cumulative rainfall for the month of September has been 1.83 inches (rainfall total for August was 1.10 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+100.00%	-99.71%	Millbury
<i>Coquilleltidia perturbans</i>	-84.44%	-98.80%	Westborough
<i>Culiseta melanura</i>	-59.81%	-90.59%	Holliston
<i>Ochlerotatus canadensis</i>	0.00%	-100.00%	N/A
<i>Culex</i> Species	-64.55%	-57.59%	Hopedale
All Species	-58.57%	-87.00%	Hopedale

**This comparison is not as significant as it appears due to extreme low numbers.

The predominant mosquito species for the week was *Culex pipiens/restuans*.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 27-September-2007

Central Mass. Mosquito Control Project
Weekly Report- 9/9/07- 9/15/07
MMWR Epi. Week #37

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	72	475	230	195	584	2899
Total Specimens	336	20011	1155	1093	7715	34212
No. Pools WNV +	0	0	0	0	2*	2*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pools of *Culex pipiens/restuans* found in: Marlborough DPH trap (set 7/29/07) & Holliston DPH trap (set 8/21/07)

Weather Summary (Northborough, MA): The weather for this week averaged 62.10°F, which was 6.65°F cooler than the prior week. The recorded high temperature was 77°F with a recorded low temperature of only 46°F. There was 1.77 inches of recorded precipitation this week compared to 0.03 inches observed last week. The cumulative rainfall for the month of September has been 1.80 inches (rainfall total for August was 1.10 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-100.00%	-100.00%	N/A
<i>Coquilleltidia perturbans</i>	-80.00%	-70.97%	Wilmington
<i>Culiseta melanura</i>	+218.18%	-82.40%	Tewksbury
<i>Ochlerotatus canadensis</i>	0.00%	-100.00%	N/A
<i>Culex</i> Species	-9.41%	+17.03%	Hopedale
All Species	-17.09%	-58.49%	Tewksbury, Wilmington

**This comparison is not as significant as it appears due to extreme low numbers.

The predominant mosquito species for the week was *Culex pipiens/restuans*.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 19-September-2007

Central Mass. Mosquito Control Project

Weekly Report- 9/2/07- 9/7/07

MMWR Epi. Week #36

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	71	458	213	194	561	2767
Total Specimens	334	19963	1048	1091	7447	33577
No. Pools WNV +	0	0	0	0	2*	2*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pools of *Culex pipiens/restuans* found in: Marlborough DPH trap (set 7/29/07) & Holliston DPH trap (set 8/21/07)

Weather Summary (Northborough, MA): The weather for this week averaged 68.76°F, which was 3.74°F cooler than the prior week. The recorded high temperature was 94.7°F with a recorded low temperature of only 44.8°F. There was only 0.03 inches of recorded precipitation this week compared to 0

inches observed last week. The cumulative rainfall for the month of September has been 0.03 inches (rainfall total for August was 1.10 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+1400.00%**	-55.88%	Chelmsford
<i>Coquilleltidia perturbans</i>	-30.69%	-50.70%	Stow, Westborough
<i>Culiseta melanura</i>	-38.89%	-84.29%	Westborough
<i>Ochlerotatus canadensis</i>	0.00%	-100.00%	N/A
<i>Culex</i> Species	-41.65%	+79.58%	Hopedale
All Species	-26.76%	-5.21%	Chelmsford, Hopedale

**This comparison is not as significant as it appears due to extreme low numbers.

The predominant mosquito species for the week was *Culex pipiens/restuans*.

Service requests were down approximately 80% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 12-September-2007

Central Mass. Mosquito Control Project

Weekly Report- 8/26/07- 9/1/07

MMWR Epi. Week #35

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	69	438	209	194	537	2659
Total Specimens	319	19893	1037	1091	7192	33068
No. Pools WNV +	0	0	0	0	2*	2*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pools of *Culex pipiens/restuans* found in: Marlborough DPH trap (set 7/29/07) & Holliston DPH trap (set 8/21/07)

Weather Summary (Northborough, MA): The weather for this week averaged 72.5°F, which was 6.14°F warmer than the prior week. The recorded high temperature was 90.5°F with a recorded low temperature of only 55.4°F. There was no recorded precipitation this week compared to 0.01 inches of rain observed last week. The rainfall total for the month of August was 1.10 inches (rainfall total for July was 6.07 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-75.00%	-95.65%	Millbury
<i>Coquilleltidia perturbans</i>	-10.84%	-51.16%	Leominster, Westborough
<i>Culiseta melanura</i>	+78.57%	-71.26%	Tewksbury, Westborough
<i>Ochlerotatus canadensis</i>	0.00%	-100.00%	N/A

<i>Culex</i> Species	+88.64%	+94.34%	Hopedale
All Species	+20.89%	-0.34%	Hopedale, Leominster

The predominant mosquito species for the week was *Culex pipiens/restuans*

Service requests were up 4% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 7-September-2007

Central Mass. Mosquito Control Project Weekly Report- 8/19/07-8/25/07 MMWR Epi. Week #34

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	68	411	197	194	498	2502
Total Specimens	318	19745	1012	1091	6677	32194
No. Pools WNV +	0	0	0	0	2*	2*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pools of *Culex pipiens/restuans* found in: Marlborough DPH trap (set 7/29/07) & Holliston DPH trap (set 8/21/07)

Weather Summary (Northborough, MA): The weather for this week averaged 66.36°F, which was 3.51°F cooler than the prior week. The recorded high temperature was 94.5°F with a recorded low temperature of only 46.4°F. There was only .01 inches of precipitation this week compared to 0.27 inches of rain observed last week. The cumulative rainfall for the month of August has been 1.10 inches (rainfall total for July was 6.07 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-42.86%	-63.64%	Clinton
<i>Coquilleltidia perturbans</i>	-82.60%	-49.39%	Leominster, Lunenburg
<i>Culiseta melanura</i>	+7.69%	-77.42%	Hopkinton, Tewksbury
<i>Ochlerotatus canadensis</i>	-100.00%	-100.00%	N/A
<i>Culex</i> Species	-50.00%	-36.36%	Chelmsford, Hopedale
All Species	-59.18%	-33.30%	Auburn, Hopedale

The predominant mosquito species for the week was *Culex pipiens/restuans*

Service requests were down 5% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 29-August-2007

Central Mass. Mosquito Control Project Weekly Report- 8/12/07-8/18/07

MMWR Epi. Week #33

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	65	384	187	194	466	2345
Total Specimens	314	19579	998	1091	6404	31471
No. Pools WNV +	0	0	0	0	1*	1*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pool of *Culex pipiens/restuans* found in Marlborough DPH trap set 7/29/07

Weather Summary (Northborough, MA): The weather for this week averaged 69.87°F, which was .92°F cooler than the prior week. The recorded high temperature was 88.4°F with a recorded low temperature of only 52.0°F. There was 0.27 inches of precipitation this week compared to .58 inches of rain observed last week. The cumulative rainfall for the month of August has been 1.09 inches (rainfall total for July was 6.07 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+75.00%	-80.56%	Leominster
<i>Coquillettidia perturbans</i>	+93.90%	+89.66%	Stow, Sturbridge
<i>Culiseta melanura</i>	-45.83%	-85.06%	Hopkinton, Tewksbury
<i>Ochlerotatus canadensis</i>	-50.00%	-85.71%	Stow, Westford
<i>Culex</i> Species	+49.18%	-30.27%	Chelmsford, Hopedale
All Species	+66.92%	+9.46%	Hopedale, Stow

The predominant mosquito species for the week was *Coquillettidia perturbans*.

Service requests were down 21% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 21-August-2007

Central Mass. Mosquito Control Project

Weekly Report- 8/5/07-8/11/07

MMWR Epi. Week #32

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	59	350	181	192	423	2188
Total Specimens	307	18625	985	1089	5858	29700
No. Pools WNV +	0	0	0	0	1*	1*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pool of *Culex pipiens/restuans* found in Marlborough DPH trap set 7/29/07

Weather Summary (Northborough, MA): The weather for this week averaged 70.79°F, which was 6.28°F cooler than the prior week. The recorded high temperature was 90.1°F with a recorded low temperature of only 46.2°F. There was .58 inches of precipitation this week compared to 1.31 inches of rain

observed last week. The cumulative rainfall for the month of August has been .82 inches (rainfall total for July was 6.07 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-33.33%	-95.60%	Natick
<i>Coquilleltidia perturbans</i>	-70.45%	-58.76%	Chelmsford, Lancaster
<i>Culiseta melanura</i>	-20.00%	-73.91%	Tewksbury
<i>Ochlerotatus canadensis</i>	-60.00%	-89.47%	Stow, Westborough
<i>Culex</i> Species	-61.51%	-50.81%	Dracut, Hopedale
All Species	-62.69%	-56.68%	Chelmsford, Dracut

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

Service requests were down 32% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 15-August-2007

Central Mass. Mosquito Control Project

Weekly Report- 7/29/07-8/4/07

MMWR Epi. Week #31

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	55	314	173	188	392	2026
Total Specimens	302	18148	961	1085	5492	28639
No. Pools WNV +	0	0	0	0	1*	1*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pool of *Culex pipiens/restuans* found in Marlborough DPH trap set 7/29/07

Weather Summary (Northborough, MA): The weather for this week averaged 77.07°F, which was 4.66°F warmer than the prior week. The recorded high temperature was 94.3°F with a recorded low temperature of only 63.7°F. There was 1.31 inches of precipitation this week compared to 1.11 inches of rain observed last week. The cumulative rainfall for the month of August has been .24 inches (rainfall total for July was 6.07 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-84.62%	-87.50%	Chelmsford
<i>Coquilleltidia perturbans</i>	-41.23%	+19.70%	Chelmsford, Westford
<i>Culiseta melanura</i>	-54.55%	-82.25%	Millbury
<i>Ochlerotatus canadensis</i>	-44.44%	-41.18%	Acton, Millville
<i>Culex</i> Species	-0.83%	+46.76%	Holliston, Millbury
All Species	-30.77%	+15.85%	Chelmsford, Holliston

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

Service requests were up 18% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 9-August-2007

Central Mass. Mosquito Control Project
Weekly Report- 7/22/07-7/28/07
MMWR Epi. Week #30

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	53	276	159	179	345	1840
Total Specimens	296	16449	930	1072	4524	25730
No. Pools WNV +	0	0	0	0	1*	1*
No. Pools EEE +	0	0	0	0	0	0

* Positive WNV pool of *Culex pipiens/restuans* found in Marlborough DPH trap set 7/29/07

Weather Summary (Northborough, MA): The weather for this week averaged 72.41°F, which was .78°F warmer than the prior week. The recorded high temperature was 91.8°F with a recorded low temperature of only 57.0°F. There was 1.11 inches of precipitation this week compared to 0.66 inches of rain observed last week. The cumulative rainfall for the month of July has been 5.0 inches (rainfall total for June was 2.90 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-50.00%	+56.00%	Chelmsford
<i>Coquilleltidia perturbans</i>	+40.53%	+32.94%	Westborough, Wilmington
<i>Culiseta melanura</i>	-7.04%	+10.00%	Millbury
<i>Ochlerotatus canadensis</i>	-35.71%	-45.45%	Westford
<i>Culex</i> Species	+47.09%	+20.63%	Hopedale
All Species	+35.44%	+28.17%	Hopedale, Westborough

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

Service requests were down 46% from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 3-August-2007

Central Mass. Mosquito Control Project
Weekly Report- 7/15/07-7/21/07
MMWR Epi. Week #29

Cumulative Surveillance Summary

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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	47	234	143	167	293	1615
Total Specimens	256	13141	843	1053	3490	21040
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 week averaged 71.63°F, which was 2.04°F cooler than the prior week. The recorded high temperature was 88.2°F with a recorded low temperature of only 59.5°F. There was 0.66 inches of precipitation this week compared to 1.99 inches of rain observed last week. The cumulative rainfall for the month of July has been 3.89 inches (rainfall total for June was 2.90 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+2.63%	+50.00%	Chelmsford
<i>Coquillettidia perturbans</i>	-55.68%	-26.50%	Dracut, Westford
<i>Culiseta melanura</i>	+1.43%	+2.90%	Holliston
<i>Ochlerotatus canadensis</i>	-73.83%	-86.07%	Holliston, Hopkinton
<i>Culex</i> Species	-17.05%	-50.38%	Clinton, Hopedale
All Species	-47.70%	-33.56%	Dracut, Westford

The predominant mosquito species for the week was *Coquillettidia perturbans*.

Service requests were down slightly from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 26-July-2007

Central Mass. Mosquito Control Project

Weekly Report- 7/8/07-7/14/07

MMWR Epi. Week #28

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	41	193	128	155	252	1420
Total Specimens	178	11125	772	1025	2838	18007
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 week averaged 73.67°F, which was 6.63°F warmer than the prior week. The recorded high temperature was 92.3°F with a recorded low temperature of only 55.7°F. There was 1.99 inches of precipitation this week compared to 1.24 inches of rain observed last week. The cumulative rainfall for the month of July has been 3.23 inches (rainfall total for June was 2.90 inches).

CMMCP Mosquito Summary

Target Species	Δ From	Δ From	Predominant Trap Site(s)
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	Last Week*	Last Year*	
<i>Aedes vexans</i>	+1166.67%	+204.00%	Chelmsford, Lancaster
<i>Coquillettidia perturbans</i>	+135.58%	+139.17%	Lancaster, Westborough
<i>Culiseta melanura</i>	+133.33%	-32.04%	Holliston, Westford
<i>Ochlerotatus canadensis</i>	+127.66%	-57.54%	Holliston, Lancaster
<i>Culex</i> Species	+75.84%	-18.80%	Clinton, Westborough
All Species	+118.34%	+71.26%	Lancaster

The predominant mosquito species for the week was *Coquillettidia perturbans*.

Service requests were down from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 18-July-2007

Central Mass. Mosquito Control Project

Weekly Report- 7/1/07-7/7/07

MMWR Epi. Week #27

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	36	152	109	133	208	1206
Total Specimens	102	6576	702	918	2052	12208
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 67.04°F, which was 6.93°F cooler than the prior week. The recorded high temperature was 83.8°F with a recorded low temperature of only 48.9°F. There was 1.24 inches of precipitation this week, compared to 0 inches of rain observed last week. The cumulative rainfall for the month of July has been 1.24 inches (rainfall total for June was 2.90 inches).

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-33.33%	-87.50%	Littleton
<i>Coquillettidia perturbans</i>	-23.71%	-11.18%	Littleton, Stow
<i>Culiseta melanura</i>	-76.00%	-28.57%	Holliston
<i>Ochlerotatus canadensis</i>	-48.35%	-78.14%	Hopkinton
<i>Culex</i> Species	-37.74%	-15.34%	Ayer, Hopedale
All Species	-26.71%	-15.74%	Littleton, Stow

The predominant mosquito species for the week was *Coquillettidia perturbans*.

Service requests were down from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 12-July-2007

Central Mass. Mosquito Control Project
Weekly Report- 6/24/07-6/30/07
MMWR Epi. Week #26

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	31	121	99	116	176	1025
Total Specimens	96	4550	672	870	1588	9435
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 73.97°F, which was 6.3°F warmer than the prior week. The recorded high temperature was 94.5°F with a recorded low temperature of only 47.3°F. There was 0 inches of precipitation this week, compared to .92 inches of rain observed last week. The total rainfall for the month of June was 2.90 inches, down from 4.71 inches in May.

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-70.97%	-82.69%	Chelmsford
<i>Coquilleltidia perturbans</i>	+79.51%	-12.72%	Dracut
<i>Culiseta melanura</i>	+28.87%	+184.09%	Tewksbury
<i>Ochlerotatus canadensis</i>	-12.62%	-90.73%	Hopkinton
<i>Culex</i> Species	+81.14%	+83.99%	Dracut
All Species	+57.12%	-21.56%	Dracut

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

Service requests were down from the previous week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 9-July-2007

Central Mass. Mosquito Control Project
Weekly Report- 6/17/07-6/23/07
MMWR 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	27	86	76	96	136	826
Total Specimens	87	2114	547	780	887	5928
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 67.67°F, which was 4.1°F warmer than the prior week. The recorded high temperature was 86.3°F with a recorded low temperature of only 52.8°F. There was a total of .92 inches of precipitation this week, compared to no recorded rain last week. The cumulative rainfall for the month of June has been 2.9 inches.

**CMMCP Mosquito Summary-
Target Species**

	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+55.00%	-84.73%	Chelmsford
<i>Coquilleltidia perturbans</i>	+97.53%	-32.66%	Wilmington
<i>Culiseta melanura</i>	-34.90%	-64.98%	Westford
<i>Ochlerotatus canadensis</i>	-24.82%	-85.31%	Ashland, Hopkinton
<i>Culex</i> Species	+108.06%	+24.04%	Dracut
All Species	+54.25%	-41.91%	Wilmington

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

Service requests were down slightly from the prior week according to the CMMCP Request Database.

Compiled by **Frank Cornine**, CMMCP Field Biologist

**Central Mass. Mosquito Control Project
Weekly Report- 6/10/07-6/16/07
MMWR Epi. Week #24**

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	17	44	52	72	86	556
Total Specimens	56	757	450	677	500	3696
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 63.57°F, which was 1.5°F warmer than the prior week. The recorded high temperature was 84.3°F with a recorded low temperature of only 47.3°F. There was no precipitation this week, opposed to the 1.98 inches of rain observed last week.

CMMCP Mosquito Summary

Target Species	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	-25.93%	-95.82%	Chelmsford
<i>Coquilleltidia perturbans</i>	+895.65%	+222.54%	Clinton
<i>Culiseta melanura</i>	-38.43%	+12.88%	Westford
<i>Ochlerotatus canadensis</i>	-51.59%	-76.22%	Hopkinton (Wood St)
<i>Culex</i> Species	+26.53%	-54.96%	Clinton
All Species	+10.97%	-42.05%	Clinton

The predominant mosquito species for the week was *Coquilleltidia perturbans*.

*Low early season numbers may contribute to this comparison being not as significant as it appears

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 20-June-2007

Central Mass. Mosquito Control Project
Weekly Report- 6/3/07-6/9/07
MMWR Epi. Week #23

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	3	1	10	22	22	150
Total Specimens	9	1	59	256	167	944
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 62.07°F with a recorded high temperature of 84.1°F and a recorded low temperature of only 42.6°F. For this week there was also a total of 1.98 inches of rain observed, which accounts for all the precipitation this month. Compared to the previous week, it was approximately 3°F cooler on average, and rained about 1.5 inches more.

**CMMCP Mosquito Summary-
Target Species**

	Δ From Last Week*	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	+200.00%	-68.60%	Westborough (Walkup Dr)
<i>Coquillettidia perturbans</i>	+ ∞	+590.00%	Stow
<i>Culiseta melanura</i>	+310.17%	+132.69%	Millbury
<i>Ochlerotatus canadensis</i>	+10.55%	+322.39%	Holliston, Southborough
<i>Culex</i> Species	-11.98%	+182.69%	Westborough (Walkup Dr)
All Species	+38.14%	+137.09%	Millbury

The predominant mosquito species for the week was *Ochlerotatus canadensis*.

*Low early season numbers may contribute to this comparison being not as significant as it appears

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 18-June-2007

Central Mass. Mosquito Control Project
Weekly Report- 5/27/07-6/2/07
MMWR Epi. Week #22

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	3	1	10	22	22	150
Total Specimens	9	1	59	256	167	944

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 68.54°F with a recorded high temperature of 88.4°F and a recorded low temperature of only 48.2°F. For this week there was also a total of 0.49 inches of rain observed. Compared to the previous week, it was approximately 3.5°F warmer on average, and rained roughly the same amount (.53 inches).

CMMCP Mosquito Summary-

Target Species	Δ From Last Week	Δ From Last Year*	Predominant Trap Site(s)
<i>Aedes vexans</i>	N/A	-96.51%	Chelmsford
<i>Coquillettidia perturbans</i>	N/A	0.0%	Westborough (Hopkinton Rd)
<i>Culiseta melanura</i>	N/A	-81.13%	Hopkinton (Saddle Hill Rd)
<i>Ochlerotatus canadensis</i>	N/A	-68.12%	Hopkinton (Saddle Hill Rd)
<i>Culex</i> Species	N/A	-71.79%	Shrewsbury
All Species	N/A	-62.59%	Hopkinton (Saddle Hill Rd)

The predominant mosquito species for the week was *Ochlerotatus canadensis*.

*Low early season numbers may contribute to this comparison being not as significant as it appears

Compiled by **Frank Cornine**, CMMCP Field Biologist

posted 7-June-2007

[2007 District Graphs](#) (see our delineation of a “district” below)

[Mosquito Collections – Submitted to MDPH](#)

PRIOR REPORTS:

[2006 Surveillance data](#)

CMMCP District information – the 38 cities and towns in the CMMCP service area are broken down into 5 Districts. Each District has a Crew Leader and Field Technician assigned full time. A general description of these Districts would be: **District 1 (yellow)**, Northeast; **District 2 (blue)**, Northwest; **District 3 (green)**, Central; **District 4 (red)**, Southeast and **District 5 (gray)**, Southwest.

