

CMMCP WEEKLY SURVEILLANCE REPORT



EPI week #28
July 8-14, 2007

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Central Mass. Mosquito Control Project
Weekly Report- 7/8/07-7/14/07
MMWR 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 Weekly Mosquito Summary-

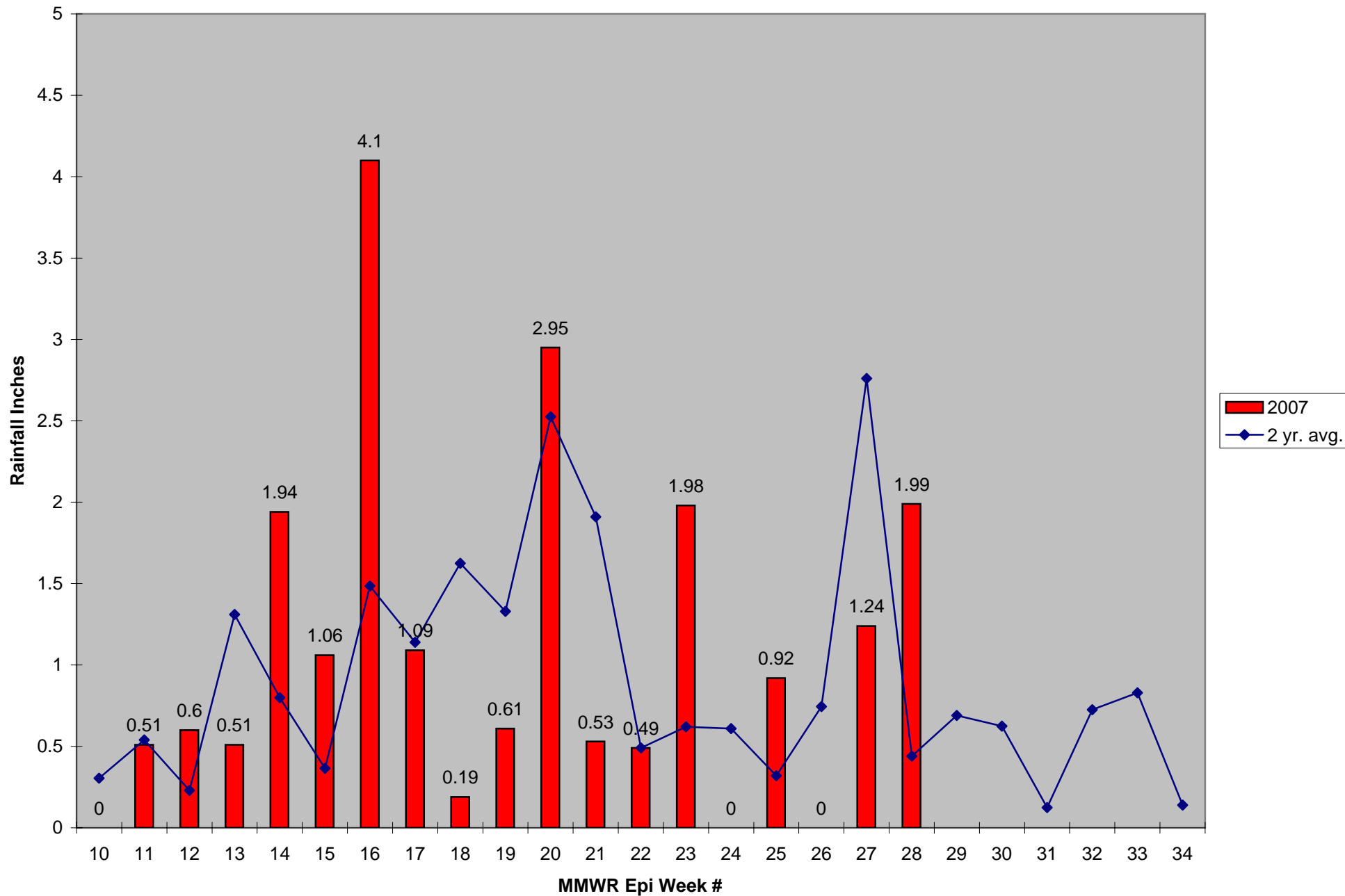
Target Species	Δ From Last Week*	Δ From Last Year	Predominant Trap Site(s)
<i>Aedes vexans</i>	+1166.67%	+204.00%	Chelmsford, Lancaster
<i>Coquillettidia perturbans</i>	+135.58%	+139.17%	Lancaster, Westborough
<i>Culiseta melanura</i>	+133.33%	-32.04%	Holliston, Westford
<i>Ochlerotatus canadensis</i>	+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 up from the previous week according to the CMMCP Request Database.

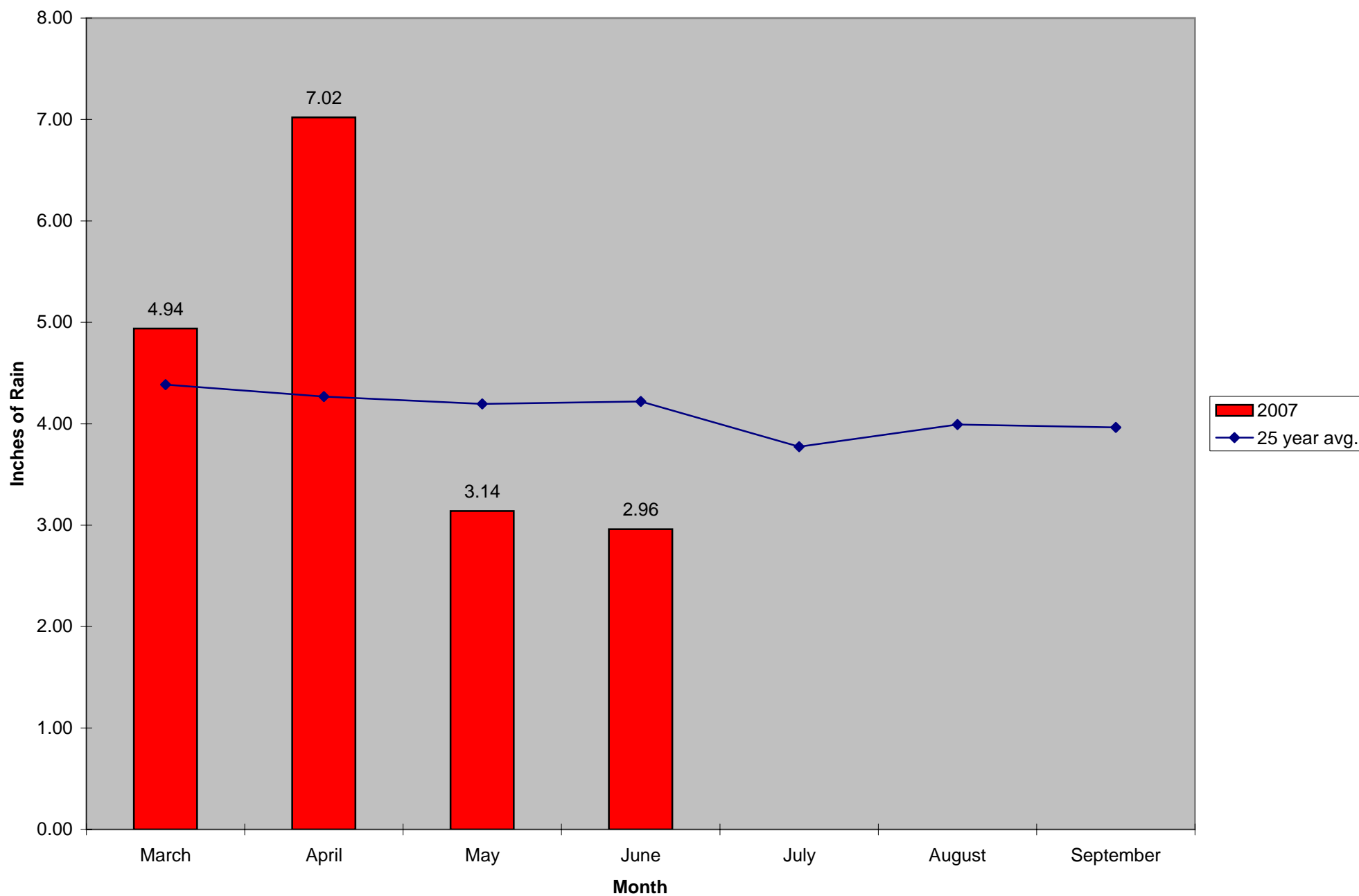
Please note: all data is included on the CMMCP website at
<http://www.cmmcp.org/07summary.htm>

2007 CMMCP Weekly Rainfall vs. 2 Year Average*



*Source: CMMCP Weather Station - Northborough, MA

2007 Mass. Rainfall Data vs. 25 Year Average*



*Source: http://www.nrcc.cornell.edu/climate/Climate_summary.html