

CMMCP WEEKLY SURVEILLANCE REPORT



EPI week #30
July 20 - 26, 2008

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Central Mass. Mosquito Control Project
Weekly Report- 7/20/08-7/26/08
MMWR 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	36	214	104	131	325	1511
Total Specimens	259	11821	499	1178	5465	21807
No. Pools WNV +	0	0	0	0	1*	1*
No. Pools EEE +	0	0	0	0	0	0

*Pool of WNV+ *Culex pipiens/restuans* collected in Millbury on 7/1/08

Weather Summary (Northborough, MA): The weather for this particular week averaged only 72.74°F with a recorded high temperature of 90.5°F and a recorded low temperature of only 60.4°F. For this week there was also a total of 3.59 inches of rain observed. Compared to the previous week, it was approximately 2.57°F cooler on average, and rained about 3.47 inches more. After this week, the rainfall for the month of July has totaled 5.34 inches.

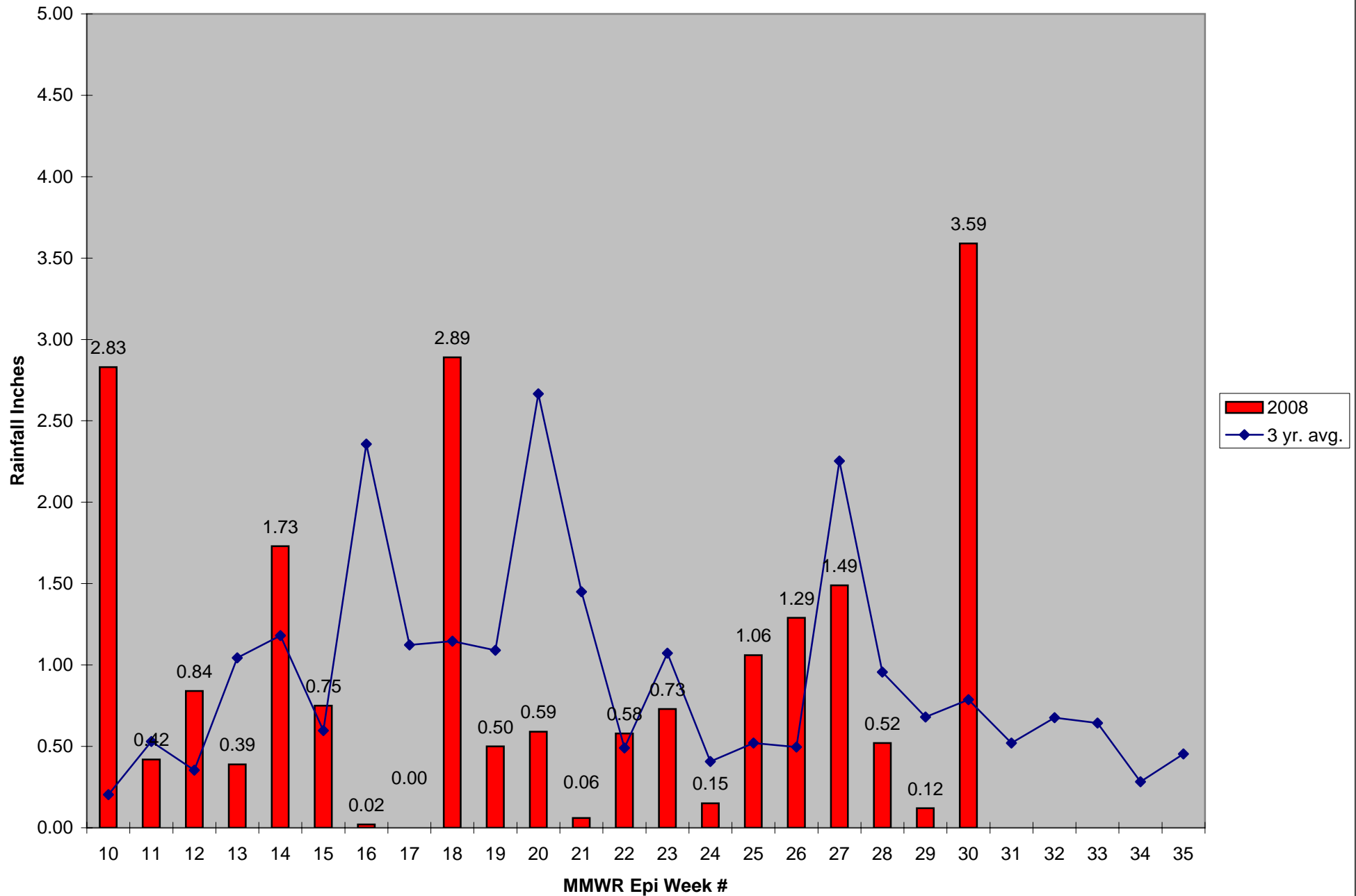
CMMCP Mosquito Summary-

Target Species	Δ From Last Week	Δ From Last Year	Predominant Trap Site(s)
<i>Aedes vexans</i>	-70.64%	-17.95%	Westborough
<i>Coquillettidia perturbans</i>	-33.02%	-39.78%	Westborough, Dracut, Boxborough
<i>Culiseta melanura</i>	+37.78%	-6.06%	Boxborough, Holliston
<i>Ochlerotatus canadensis</i>	-75.61%	+66.67%	Westborough, Boxborough
<i>Culex</i> Species	-26.87%	-23.67%	Dracut, Westborough
All Species	-39.14%	-31.99%	Westborough, Dracut, Webster

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

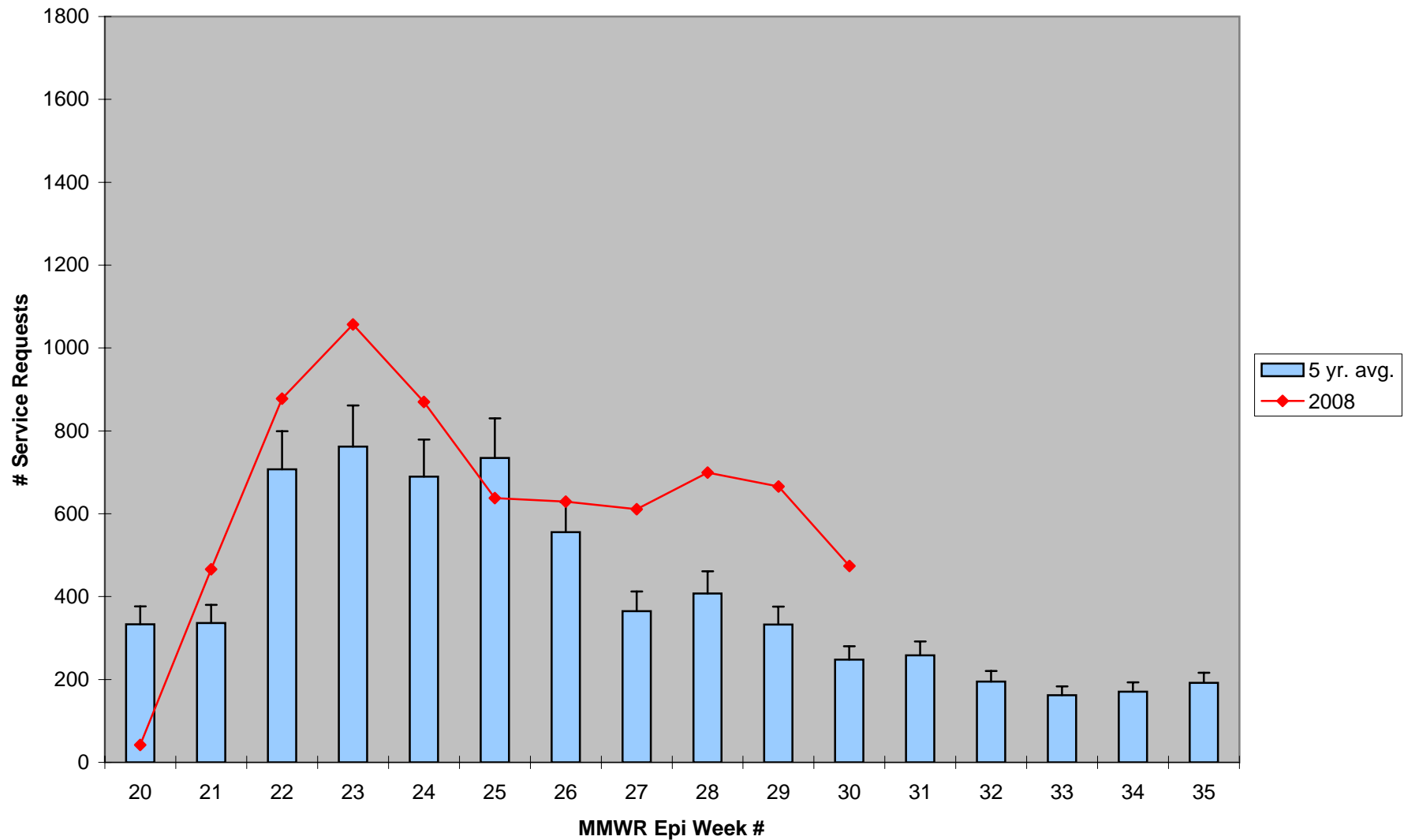
Service requests (474 total) dropped 40% compared to the previous week, and were consistent the prior 4 weeks (average 644/week), but are 84% above the 5 year average.

2008 CMMCP Weekly Rainfall vs. 3 Year Average*



*Source: CMMCP Weather Station - Northborough, MA

ULV Service Request History Comparison 2003-2008



Error bars show approx. number of requests if we had 39 cities and towns over the 5 year average