

# CMMCP WEEKLY SURVEILLANCE REPORT



**EPI week #36**  
**Sep. 6 – Sep. 12, 2009**

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**Central Mass. Mosquito Control Project**  
**Weekly Report- 9/6/09-9/12/09**  
**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
<b>No. Pools</b>	112	259	245	161	786	3116
<b>Total Specimens</b>	729	10565	1470	807	13433	34153
<b>No. Pools WNV +</b>	0	0	0	0	3*	3*
<b>No. Pools EEE +</b>	0	0	0	0	0	0

\*Pool of WNV+ *Culex* Species collected in Westborough on 8/4/09

\*Pool of WNV+ *Culex* Species collected in Westford on 8/6/09

\*Pool of WNV+ *Culex* Species collected in Shrewsbury on 9/2/09

**Weather Summary (Northborough, MA):** The weather for this particular week averaged 59.51°F with a recorded high temperature of 77.6°F and a recorded low temperature of only 44.5°F. For this week there was only .81 inches of rain observed, with September comprising .83 inches to date (CMMCP/Northborough). Compared to the previous week, it was approximately 5.06°F cooler on average, and rained about .78 inches more. The total statewide rainfall for the month of August was 4.15" (CMMCP/Northborough 3.75"). Scheduled spraying has ended due to low nighttime temperatures, a decrease in service requests and overall lower trap counts.

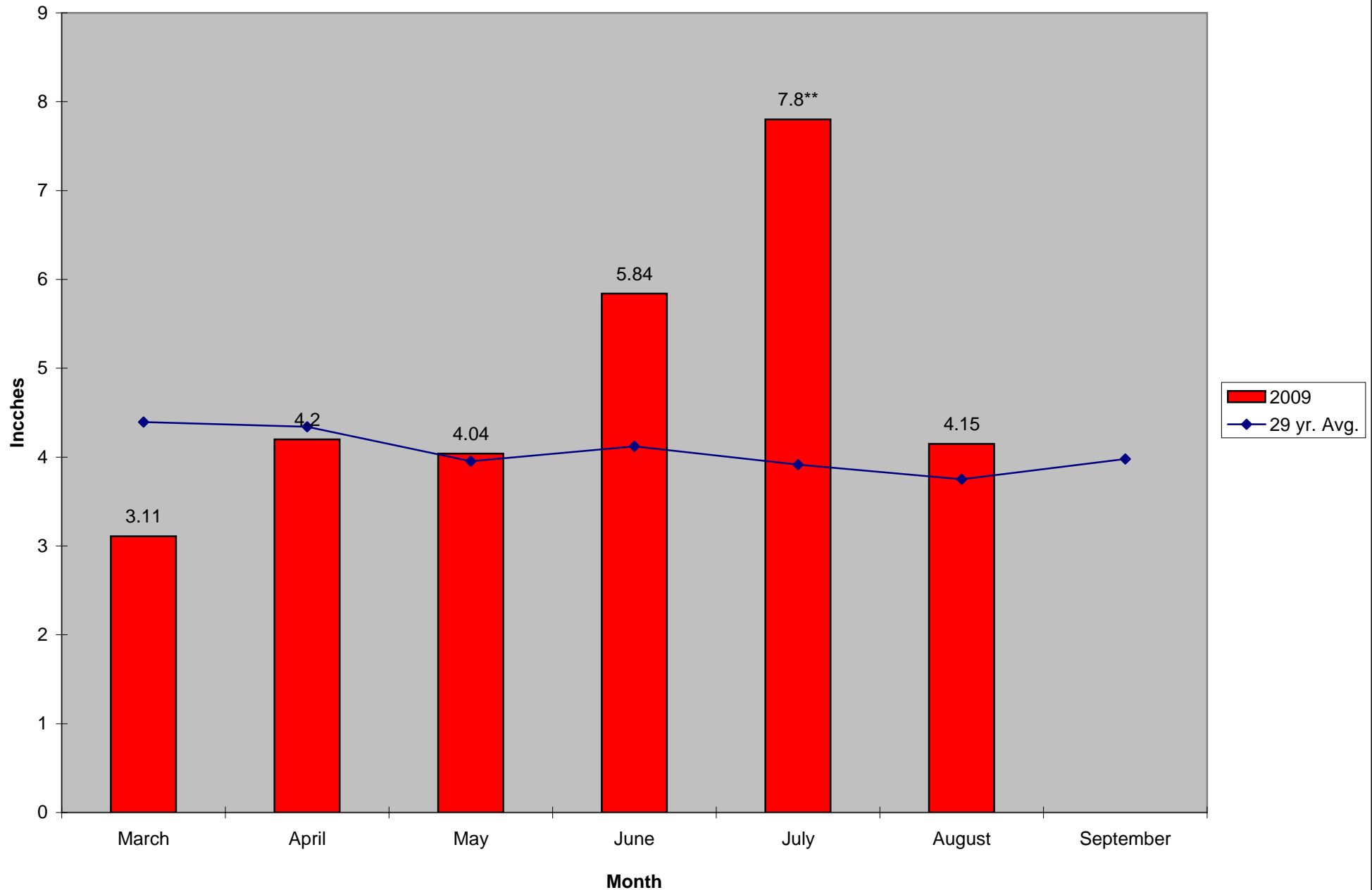
**CMMCP Mosquito Summary-**

Target Species	Δ From Last Week	Δ From Last Year	Predominant Trap Site(s)
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<i>Aedes vexans</i>	+81.82%	-20.00%	Shrewsbury
<i>Coquillettidia perturbans</i>	-23.08%	-76.19%	Westford
<i>Culiseta melanura</i>	-51.11%	-33.33%	Westborough, Westford
<i>Ochlerotatus canadensis</i>	+320.0%	+23.53%	Northbridge
<i>Culex</i> Species	-73.98%	-42.55%	Stow
All Species	-58.64%	-6.280%	Stow, Northbridge

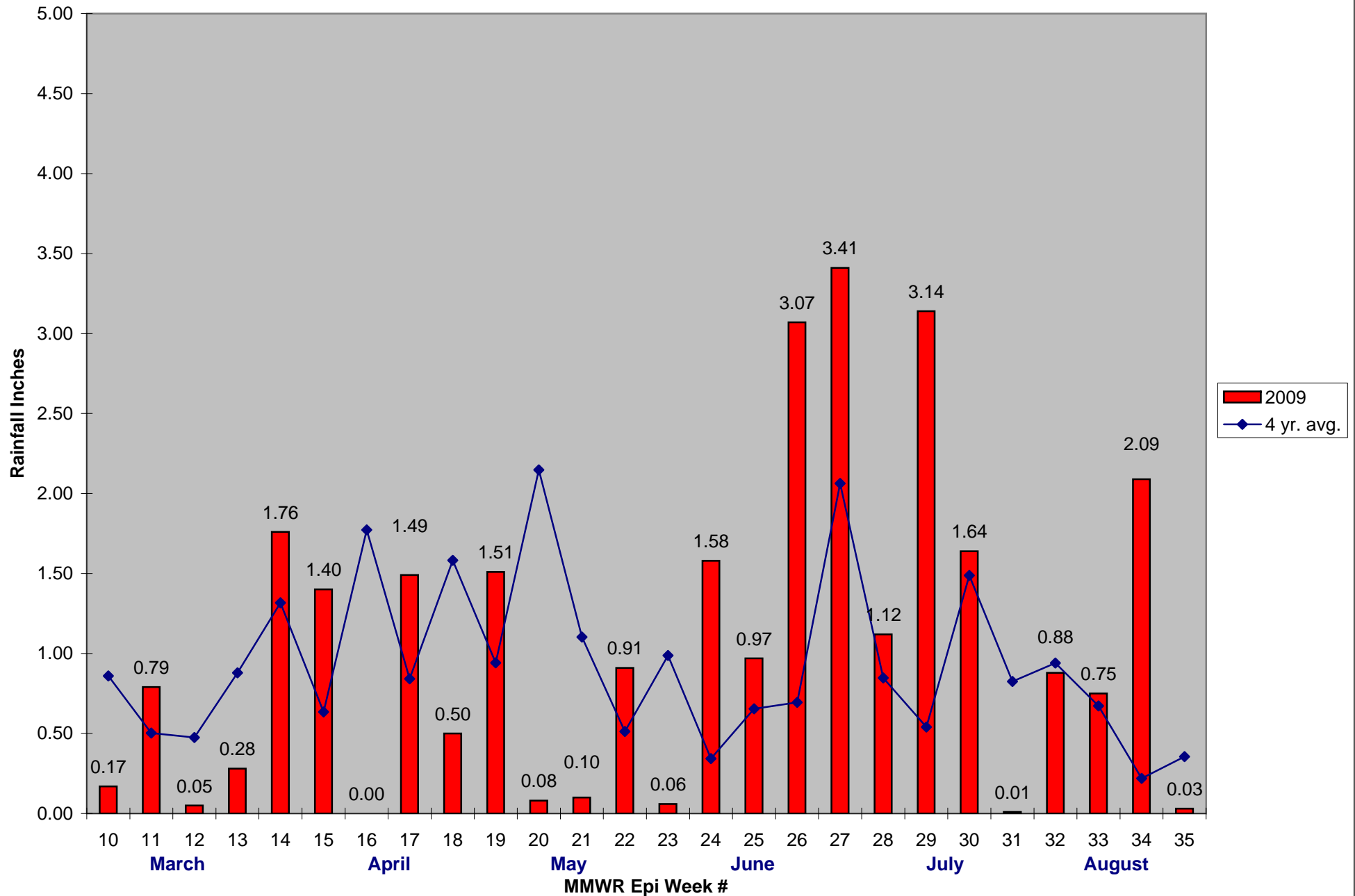
*Culex* Species was the predominant mosquito for the week.

### 2009 Mass. Rainfall Data vs. 29 Year Average\*



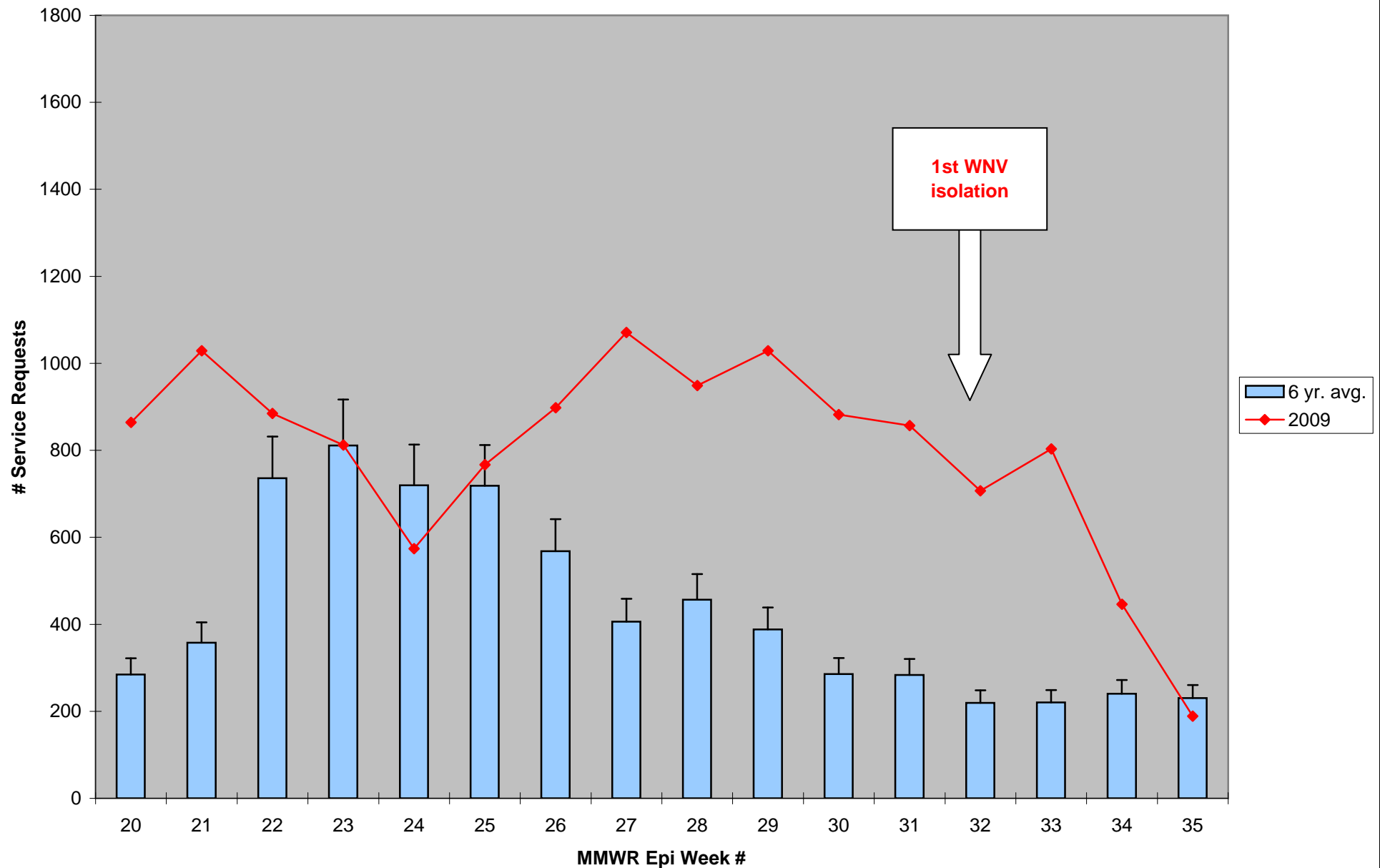
*\*\*some areas in Central Mass. saw in excess of 12" of rain*

2009 CMMCP Weekly Rainfall vs. 4 Year Average\*



\*Source: CMMCP Weather Station - Northborough, MA

## ULV Service Request History Comparison 2003-2009



Error bars show approx. number of requests if we had 38 cities and towns over the 6 year average