

# CMMCP WEEKLY SURVEILLANCE REPORT



**EPI week #32**  
**August 8-14, 2021**

*Frank Cornine, Staff Biologist*  
*Curtis Best, Staff Entomologist*  
*David Mullins, Field Biologist*  
*Timothy McGlinchy, Director of Operations*  
*Timothy Deschamps, Executive Director*



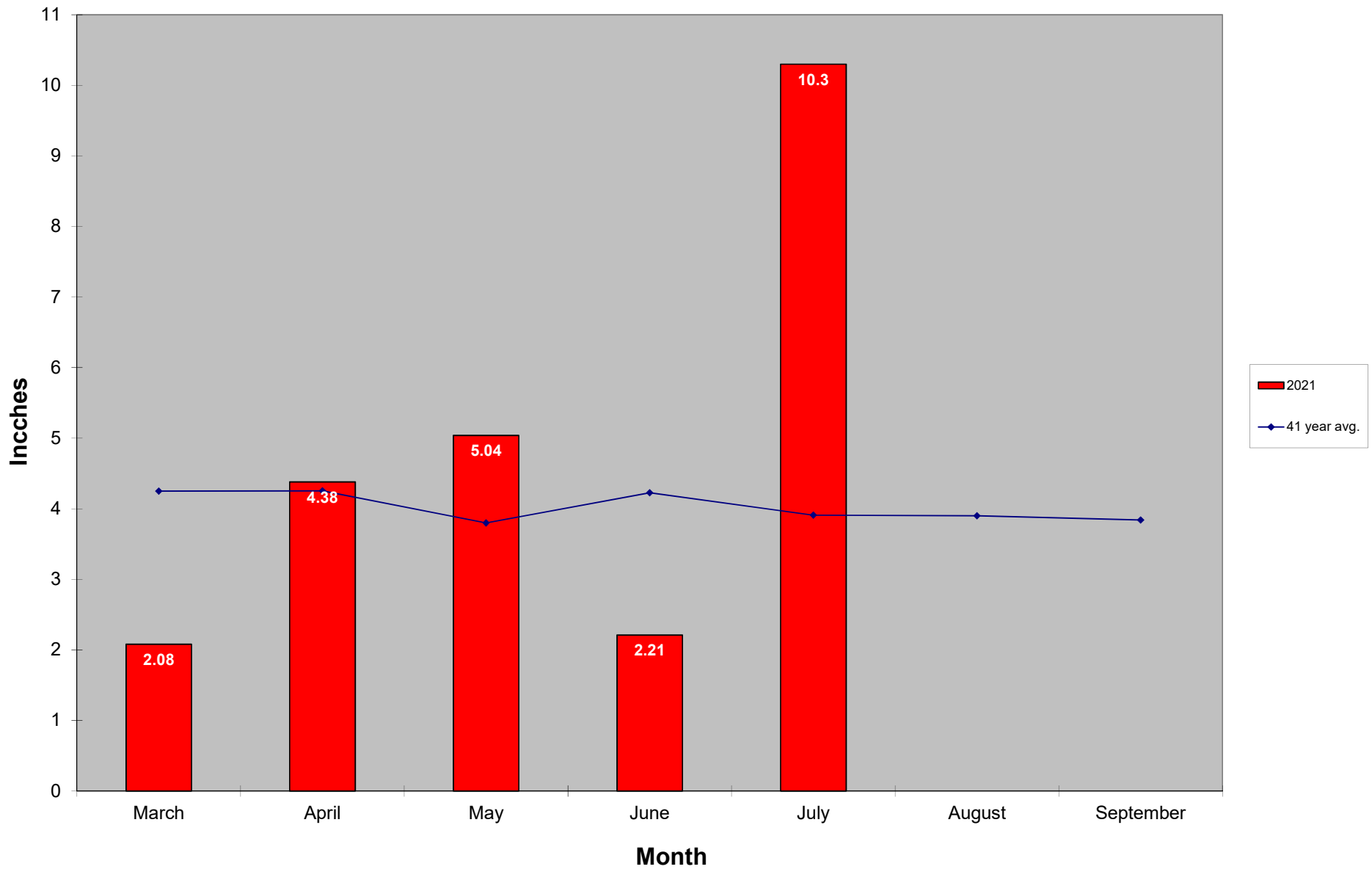
Epi week#	# eggs Collected	Epi week#	# eggs Collected
23	0	28	362
24	43	29	46
25	530	30	21
<b>26*</b>	<b>512</b>	31	928
27	399	32	546
<b>TOTAL</b>		<b>3,387</b>	
<b>*ATM detected in Lowell</b>			

Service requests are 39.5% greater than the 18-year average but a 9.9% decrease over 2020 numbers to date. Requests increased 3.4% from the previous week. Work crews are performing catch basins treatments for *Culex* control but seasonal staff have been switched to adult mosquito surveillance and this program is winding down for the season as *Culex* begin to enter diapause. 4,021 catch basins were treated in Epi week 32, bringing the total to 80,076 basins to date.

Out Asian Tiger Mosquito (ATM) protocols were instituted in Epi week 28 in Lowell after confirmation of a positive specimen from one of our ovitraps. To date no additional ATM has been identified in this area, and we will continue to monitor for this invasive species throughout the remainder of the season.

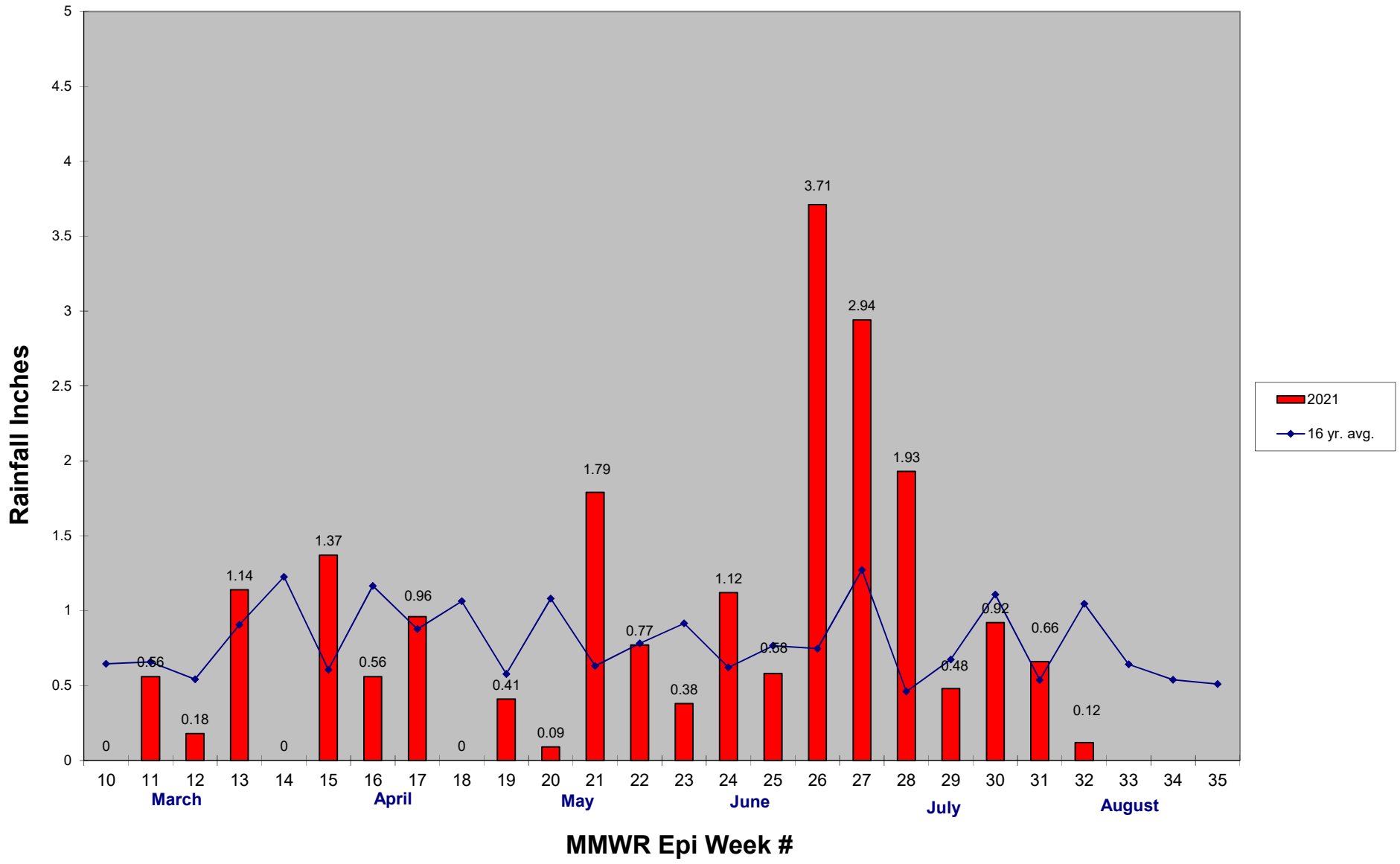
Results of the water sampling and bioassays showed that *Spinosad* is only minimally penetrating the crypts, and the control effect declines quickly inside and outside of the crypts. Data is being collected and analyzed from emergence traps in *Cq. perturbans* habitat but initial results are showing efficacy.

### 2021 Mass. Rainfall Data vs. 41 Year Average\*



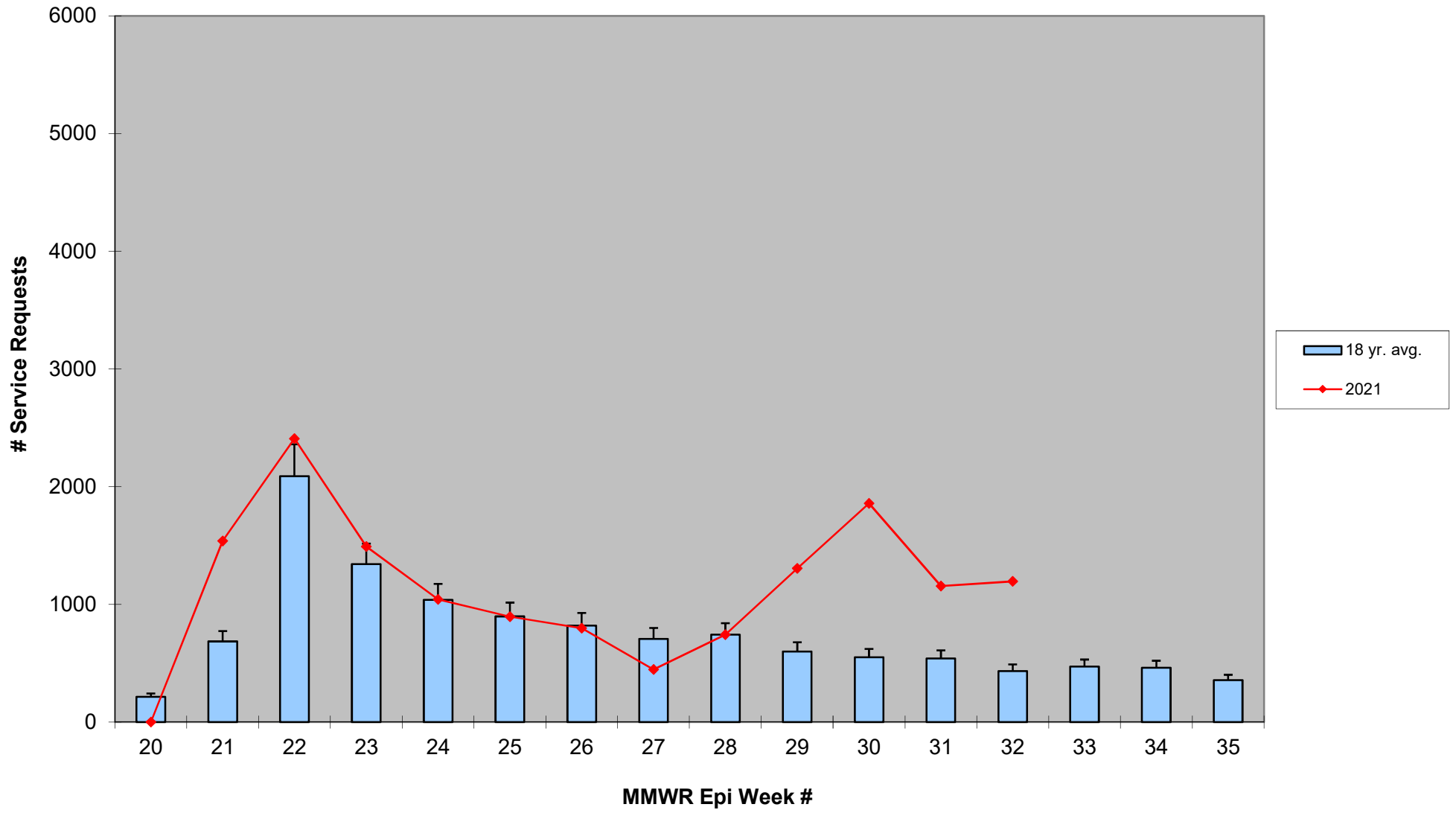
\*source: <http://www.nrcc.cornell.edu/regional/tables/tables.html>

## 2021 CMMCP Weekly Rainfall vs. 16 Year Average\*



\*source: CMMCP weather station Northborough, MA

### ULV Service Request History 2003-2021



### 2021 Rainfall vs. Requests

