

CMMCP WEEKLY SURVEILLANCE REPORT



EPI week #29
July 18-24, 2021

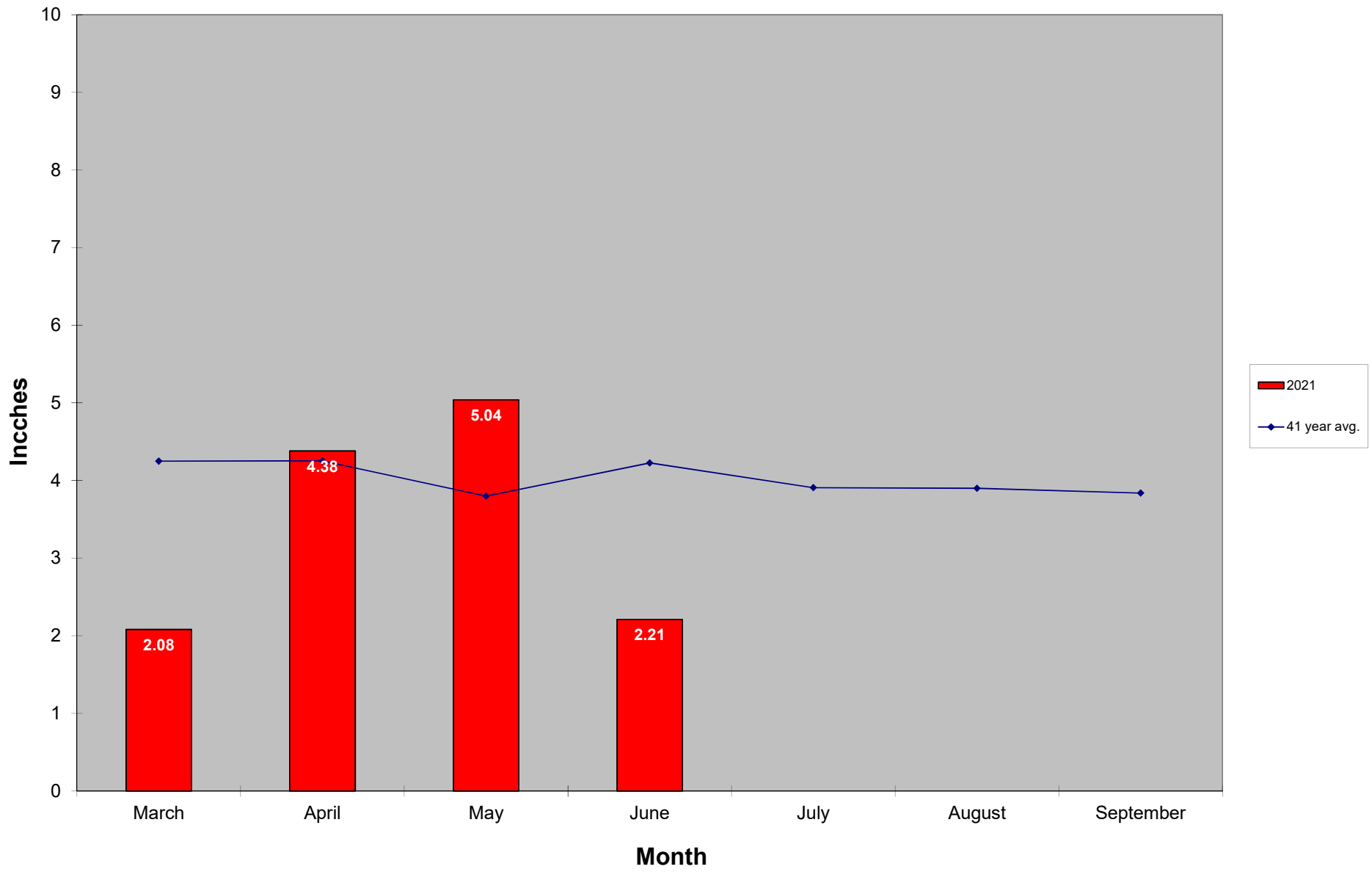
Frank Cornine, Staff Biologist
Curtis Best, Staff Entomologist
David Mullins, Field Biologist
Timothy McGlinchy, Director of Operations
Timothy Deschamps, Executive Director

Service requests are 16.7% greater than the 18-year average but a 30.9% decrease over 2020 numbers to date. However requests did increase 76% from the previous week as mosquito emergence from earlier rain events have appeared. Seasonal work crews are performing catch basins treatments for *Culex* control however full-time crews have been checking reflood areas for mosquito larvae and performing applications as needed. 4,681 catch basins were treated in Epi week 29, bringing the total to 63,678 basins to date.

Out Asian Tiger Mosquito (ATM) protocols are 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.

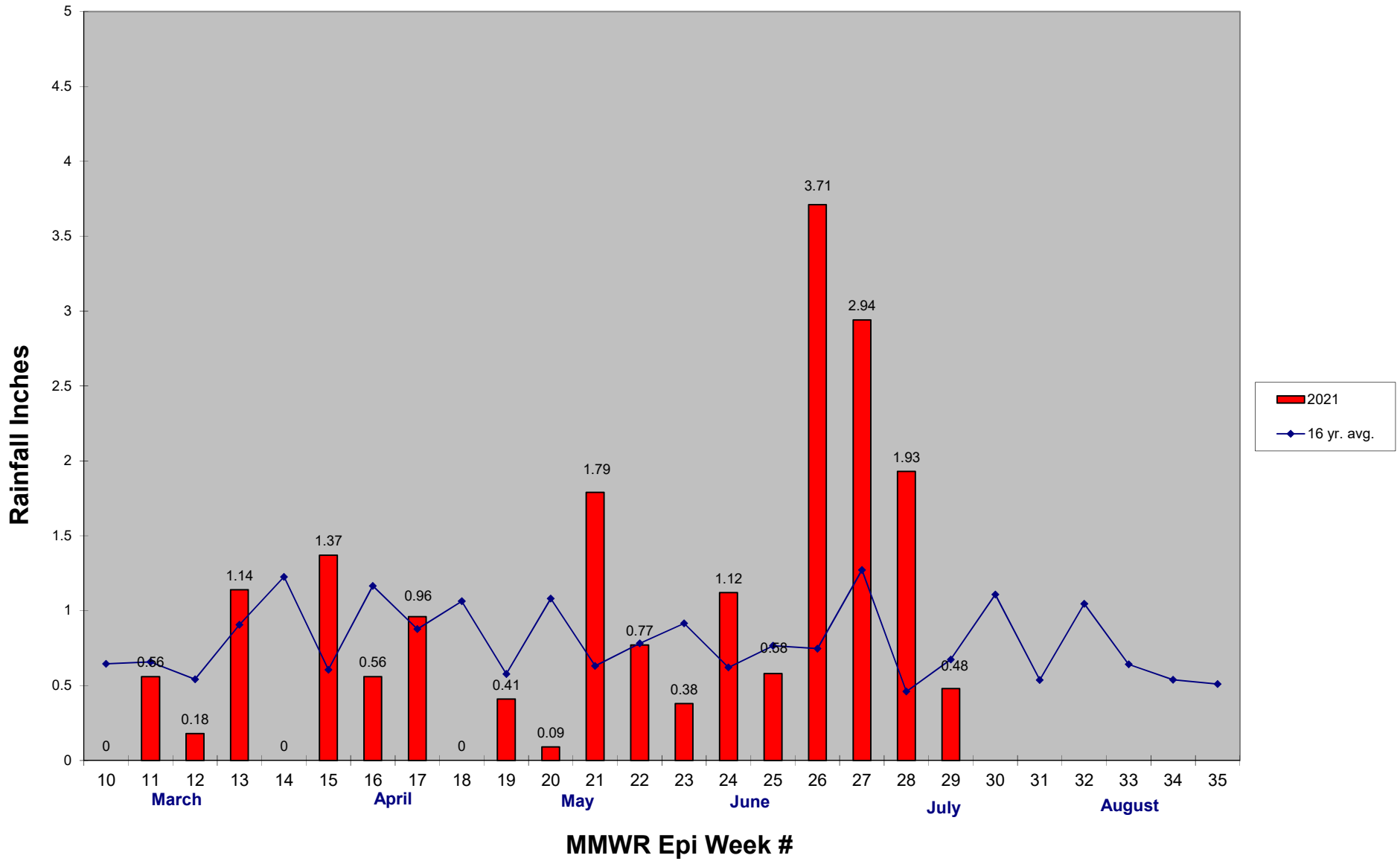
Water sampling and bioassay results are still pending from the analysis laboratories for our enhanced control applications of spinosad in *Cs. melanura* crypt habitats. Data is being collected and analyzed from emergence traps in *Cq. perturbans* habitat.

2021 Mass. Rainfall Data vs. 41 Year Average*



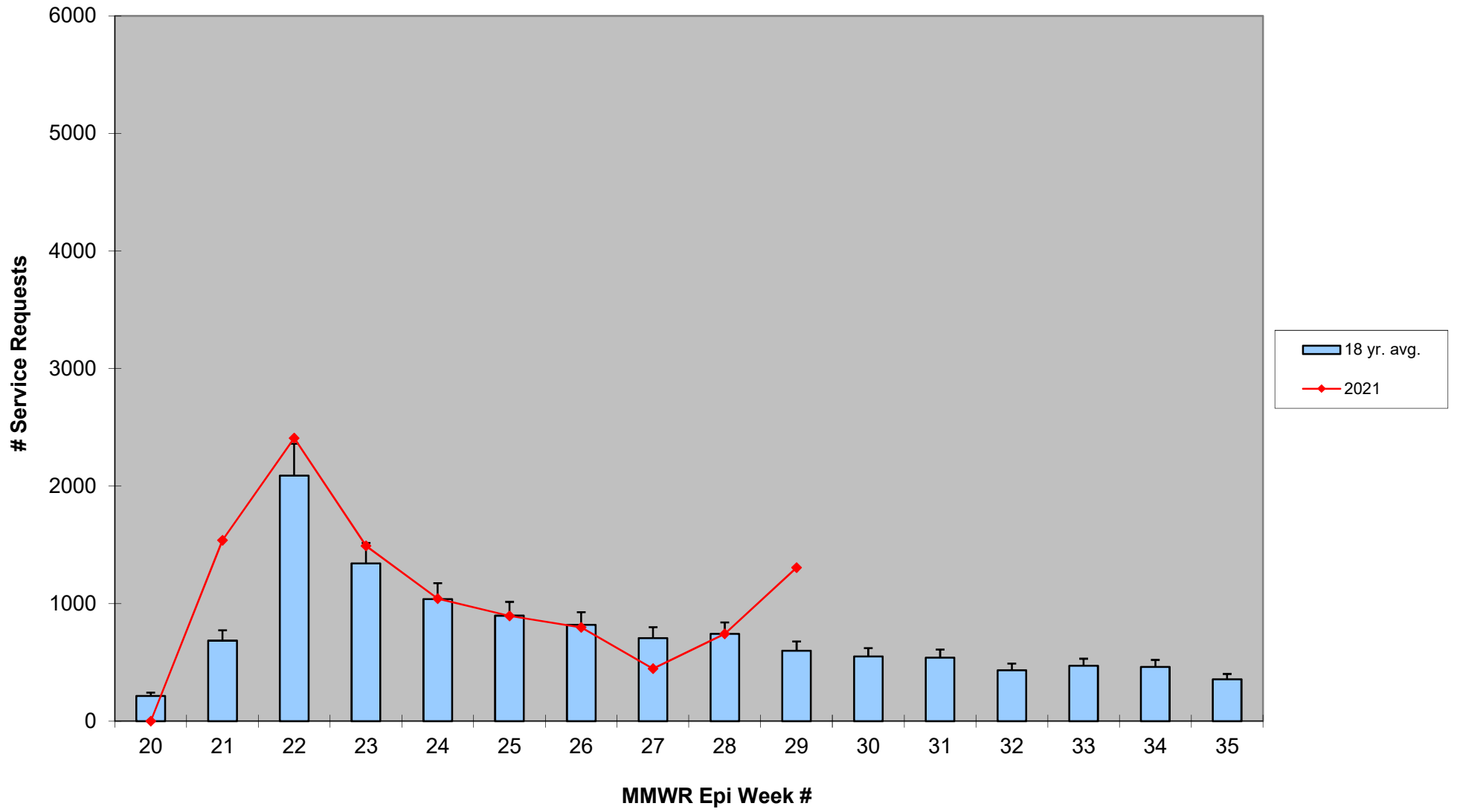
*source: <http://www.nrcc.cornell.edu/regional/tables/tables.html>

2021 CMMCP Weekly Rainfall vs. 16 Year Average*



*source: CMMCP weather station Northborough, MA

ULV Service Request History 2003-2021



2021 Rainfall vs. Requests

