

CMMCP WEEKLY SURVEILLANCE REPORT



EPI week #25
June 19-25, 2022

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Ae. albopictus egg collections:

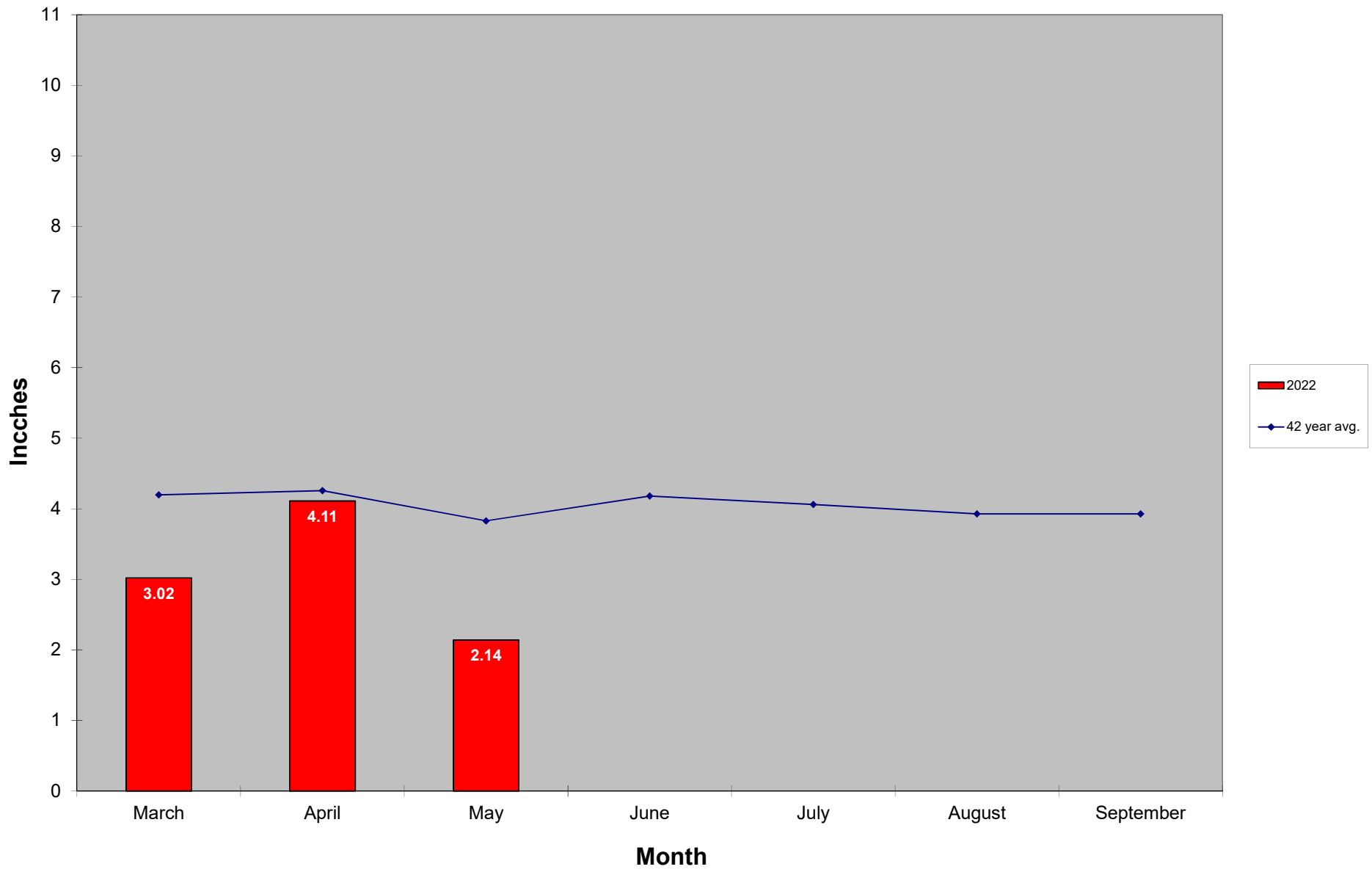
Epi week#	# eggs Collected	Epi week#	# eggs Collected
23	0	31	
24	1,016	32	
25	1,580	33	
26		34	
27		35	
28		36	
29		37	
30		38	
	TOTAL	2,596	
No ATM detections to date			

Operational notes:

Service requests are slightly below the 19-year average but a 19.4% decrease over 2021 numbers to date. We began accepting service requests on May 31 and 4,465 requests have been closed from 6,807 total (52% open). Temps started out cool at night but not below treatments thresholds, and may have suppressed resident's exposure initially, thus lower service calls to date. Temps are on the increase however as are *Cq. perturbans* populations so service calls are expected to increase. Work crews began performing catch basins treatments for *Culex* control on May 16. 7,074 basins were treated in Epi week 25, with 35,853 catch basins treated to date intended to suppress *Culex* populations.

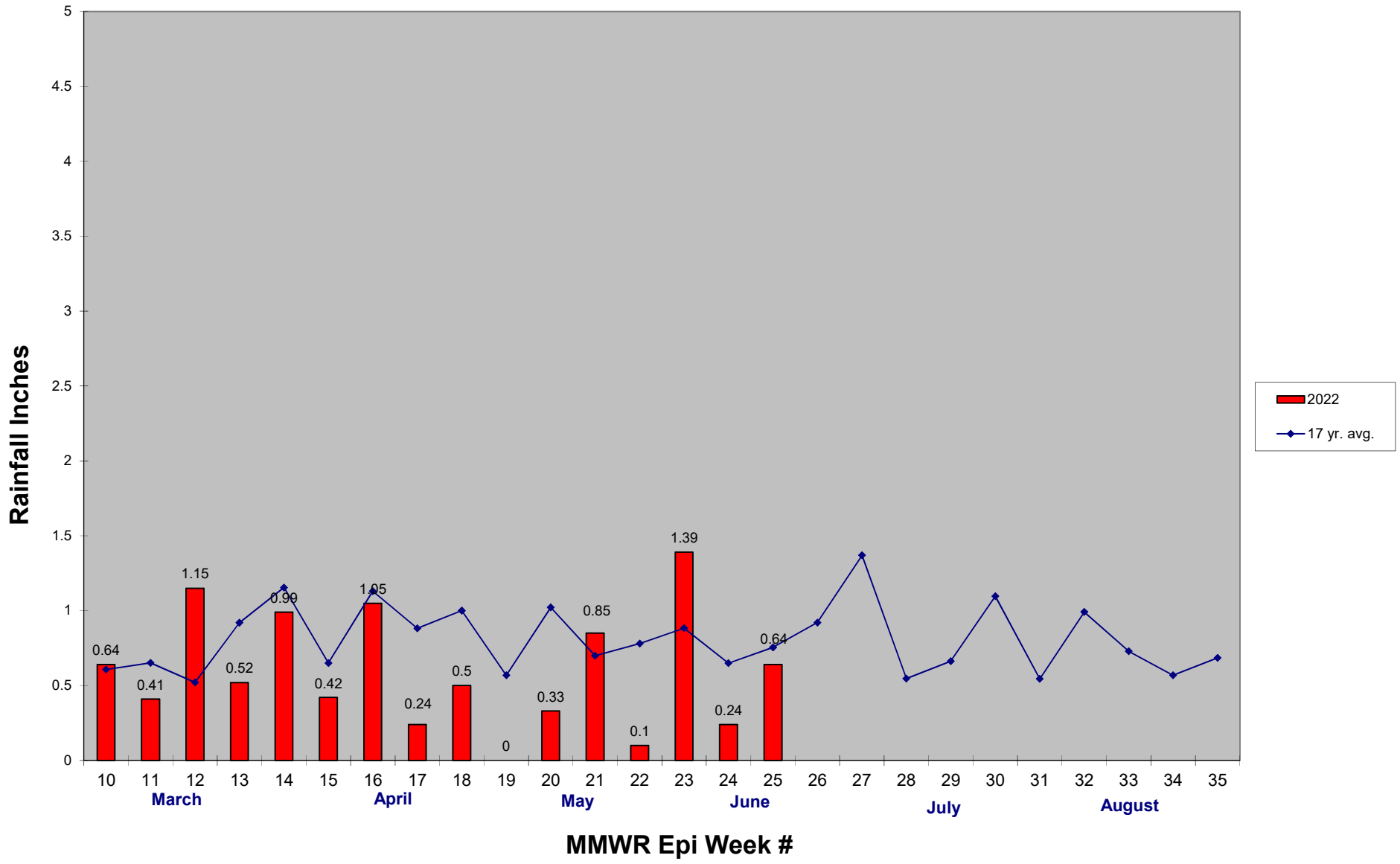
Enhanced larval control over 1,500 acres of *Cq. perturbans* habitat was done May 24 & 25 in 12-member communities designated as "Critical" risk from EEE in 2019. Data is being collected and analyzed from emergence traps in these habitats. We are also comparing and contrasting the new BG-Counter traps against our standard CDC light traps, and will run adulticide efficacy trials in house and in conjunction with Tufts School of Veterinary Medicine this summer.

2022 Mass. Rainfall Data vs. 42 Year Average*



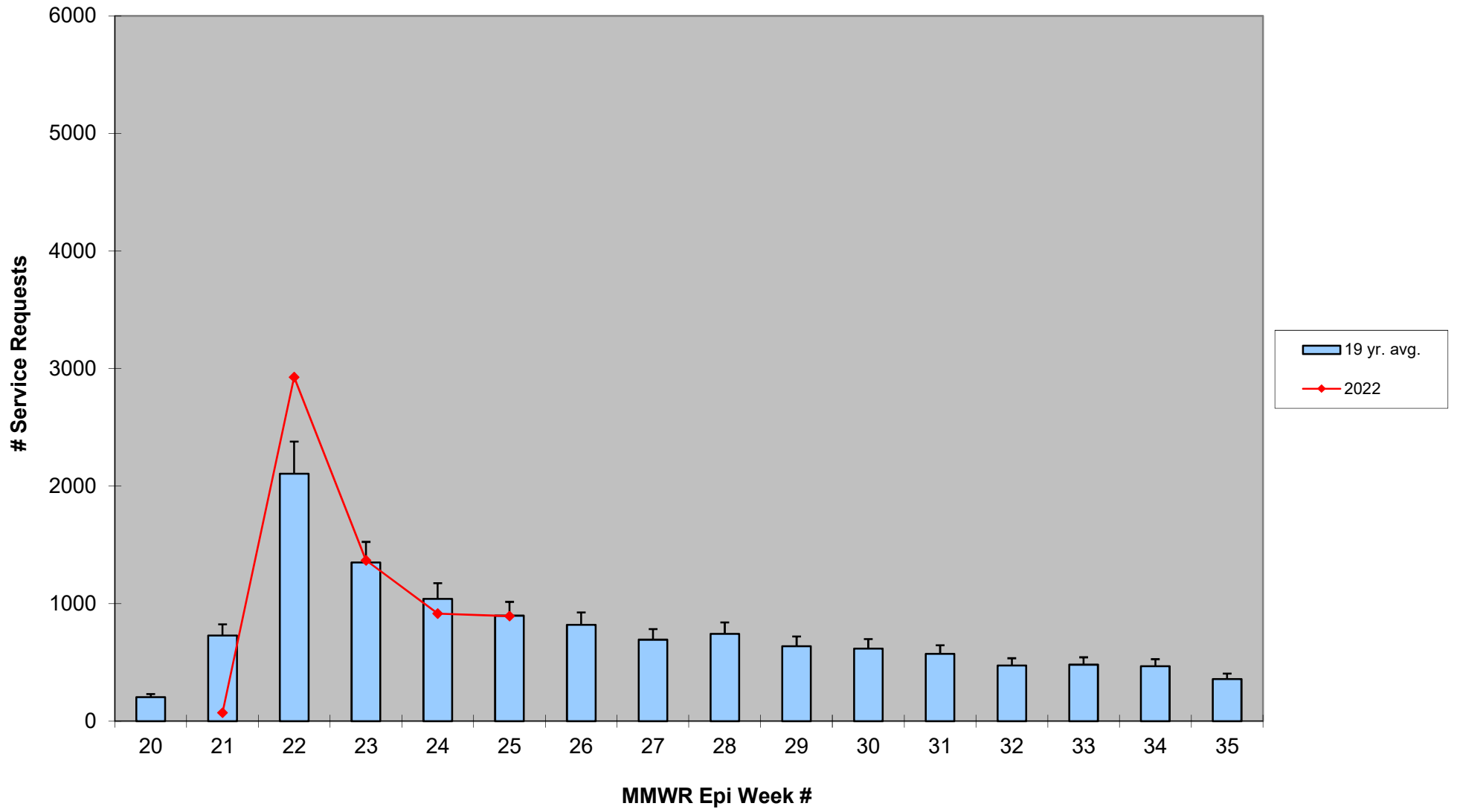
*source: <http://www.nrcc.cornell.edu/regional/tables/tables.html>

2022 CMMCP Weekly Rainfall vs. 17 Year Average*



*source: CMMCP weather station Northborough, MA

ULV Service Request History 2003-2022



2022 Rainfall vs. Requests

