

CMMCP WEEKLY SURVEILLANCE REPORT



EPI week #27
July 2-8, 2023

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

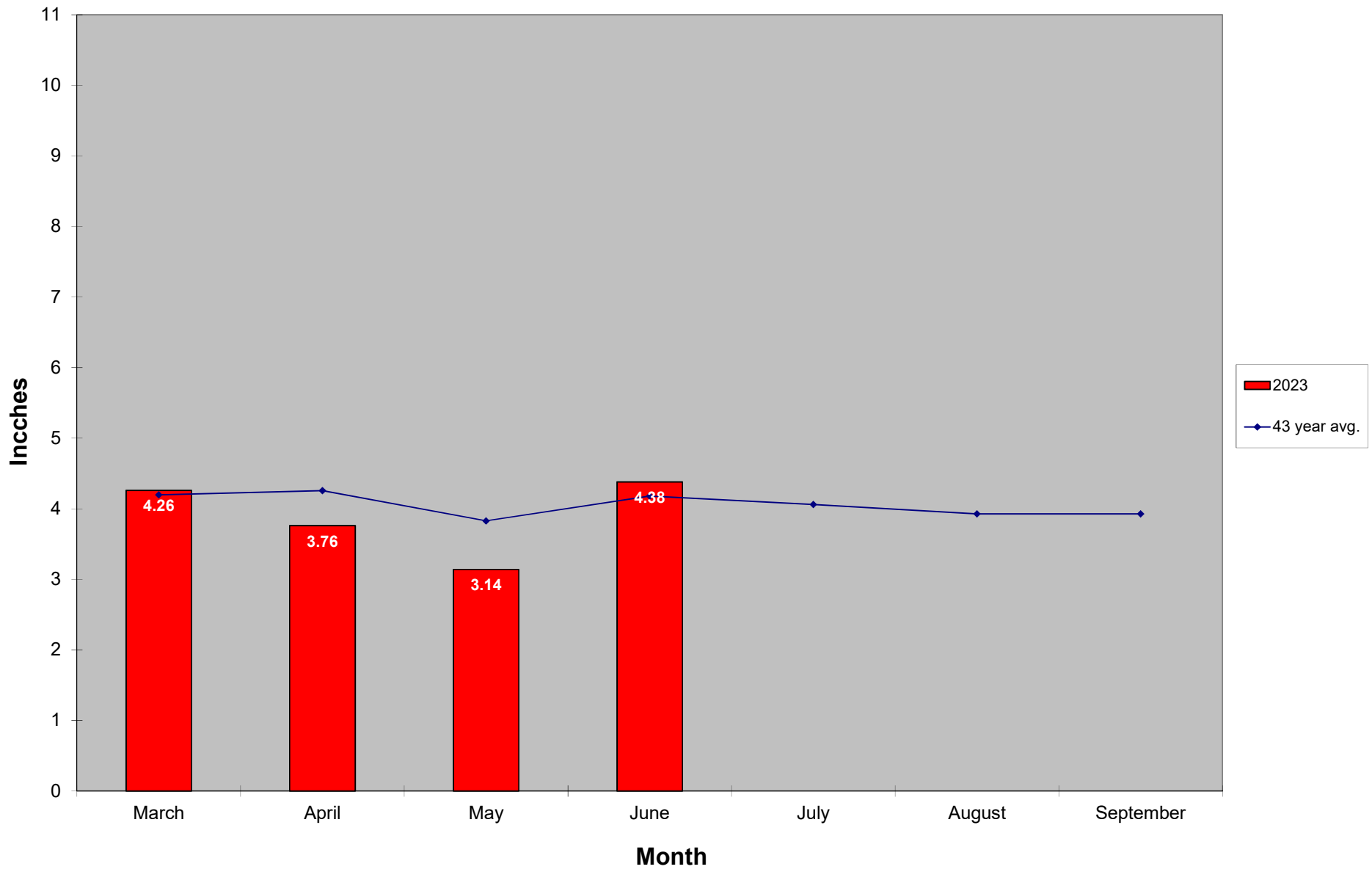
Ae. albopictus egg collections:

Epi week#	# eggs Collected	Epi week#	# eggs Collected
23	0	32	
24	0	33	
25	649	34	
26	3,306	35	
27	4,928	36	
28		37	
29		38	
30		39	
31		40	
	TOTAL	8,883	
No ATM detections to date			

Operational notes:

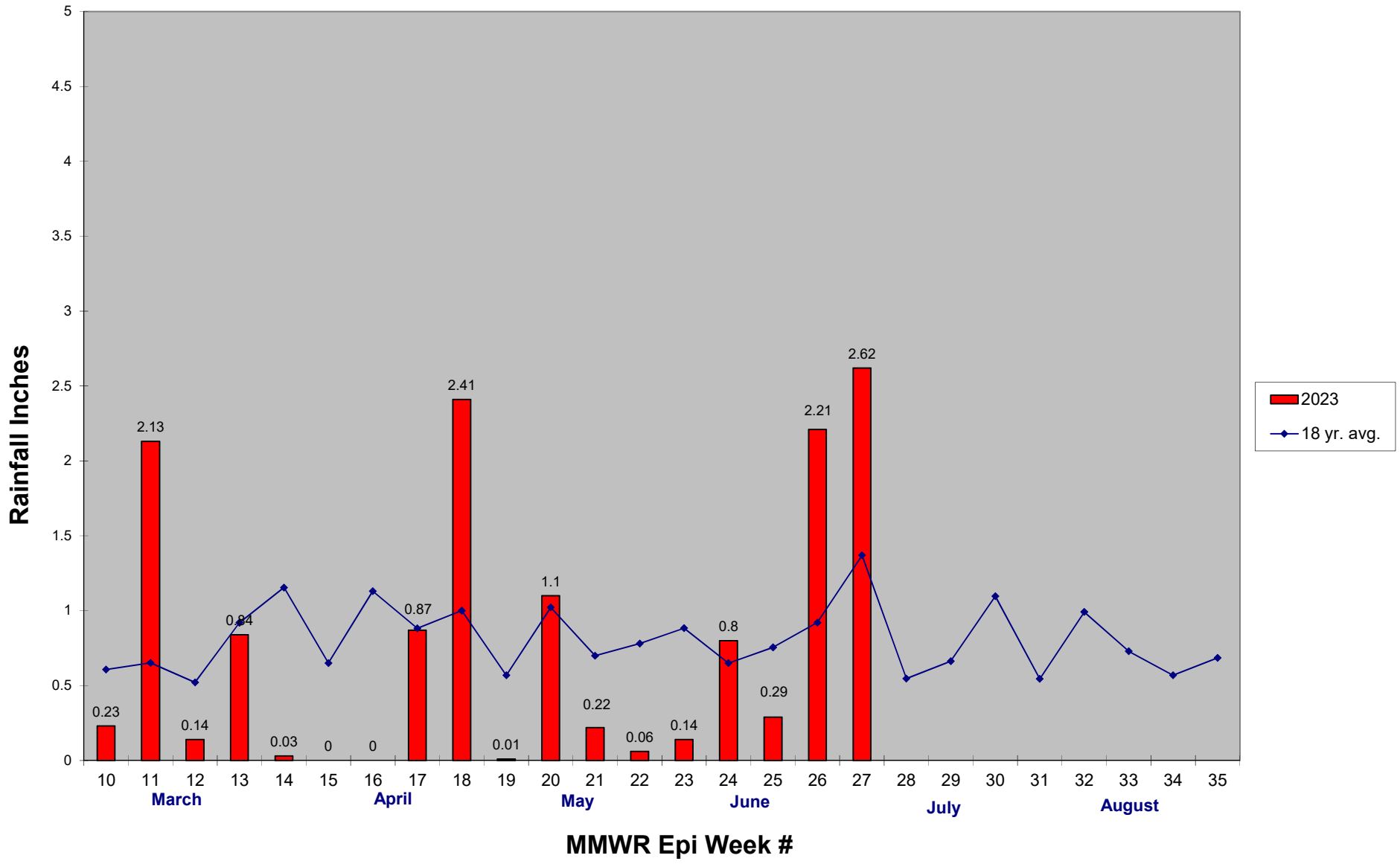
Service requests are 33.5% below the 20-year average and a 39.9% decrease over 2022 numbers to date. We began accepting service requests on May 29 and 4,926 requests have been closed from 6,101 total (23.8% open). Work crews began performing catch basins treatments for *Culex* control on May 22. 5,141 basins were treated in Epi week 27, with 50,514 catch basins treated to date intended to suppress *Culex* populations and lower risk of transmission from WNV by this species.

2023 Mass. Rainfall Data vs. 43 Year Average*



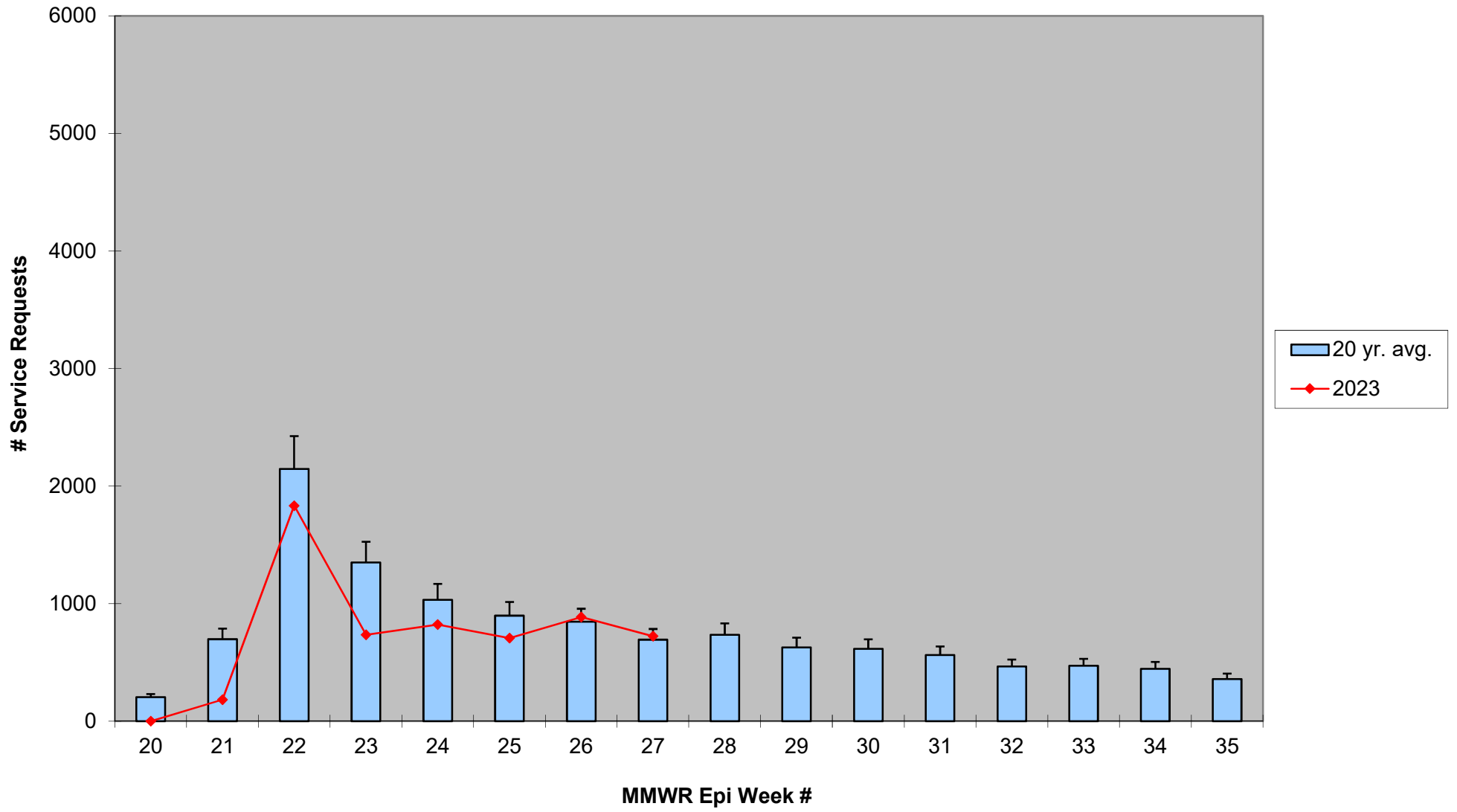
*source: <http://www.nrcc.cornell.edu/regional/tables/tables.html>

2023 CMMCP Weekly Rainfall vs. 18 Year Average*

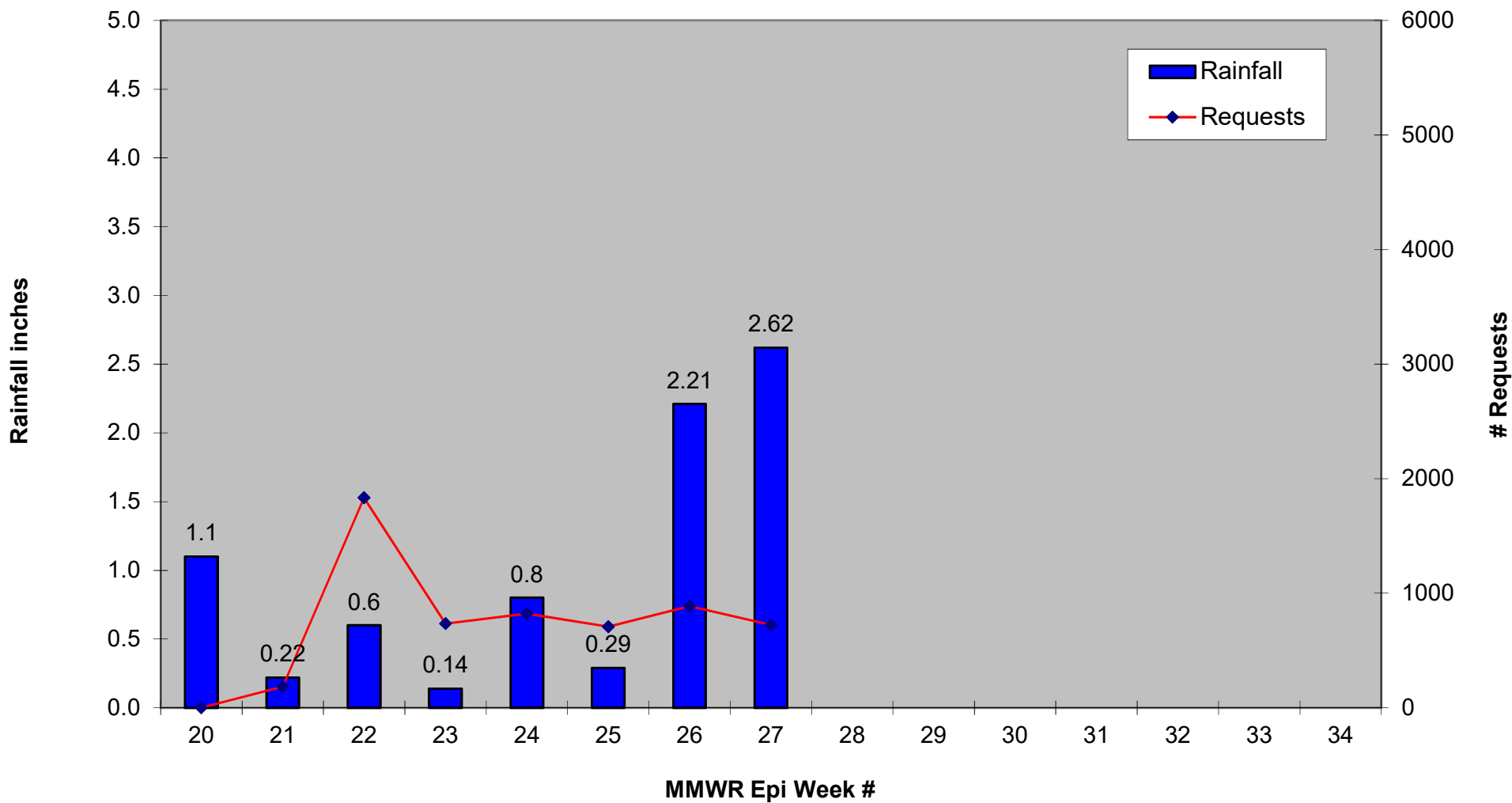


*source: CMMCP weather station Northborough, MA

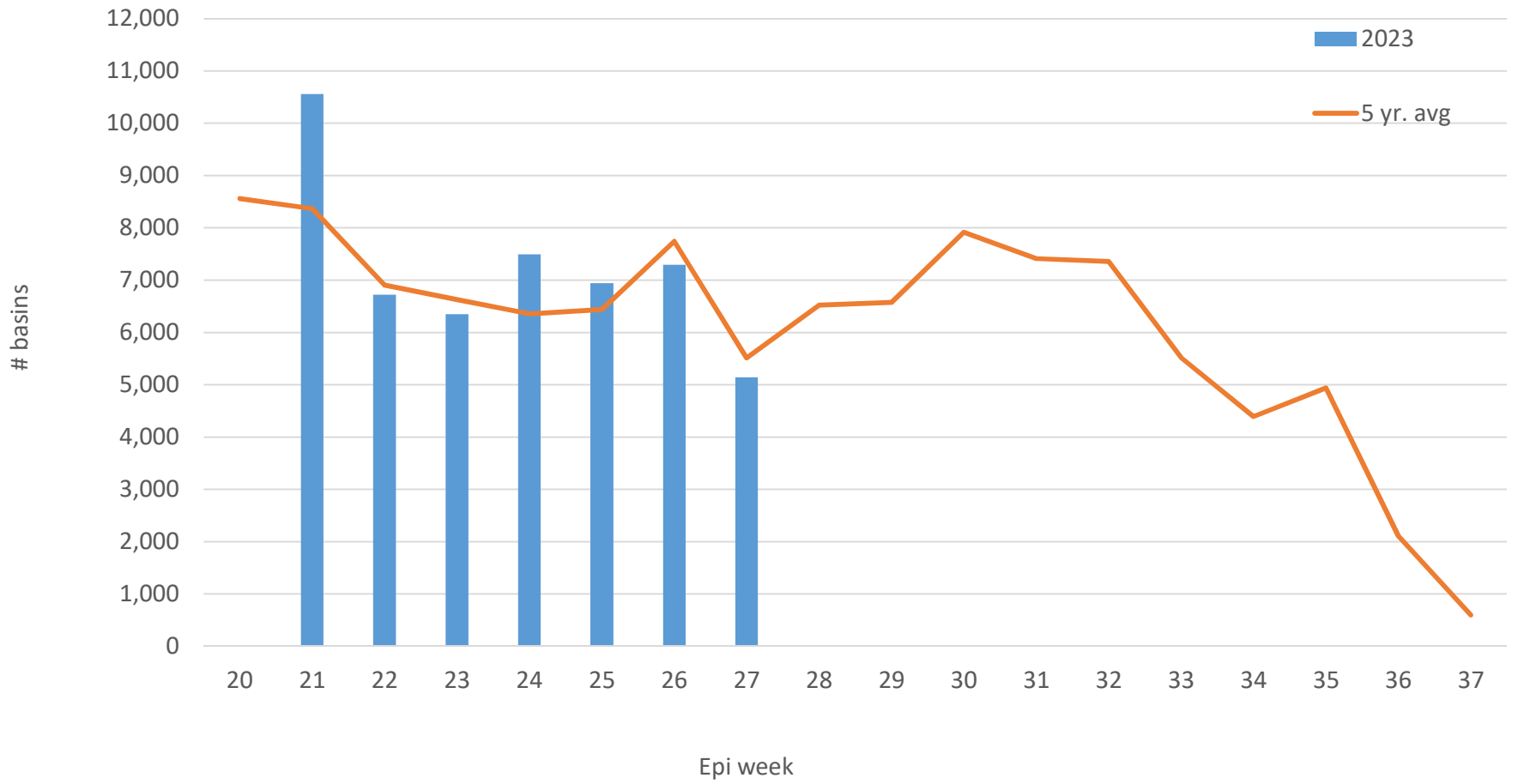
ULV Service Request History 2003-2023



2023 Rainfall vs. Requests



2023 basins treated vs. 5 yr. avg.



2023 Catch Basins Treated

