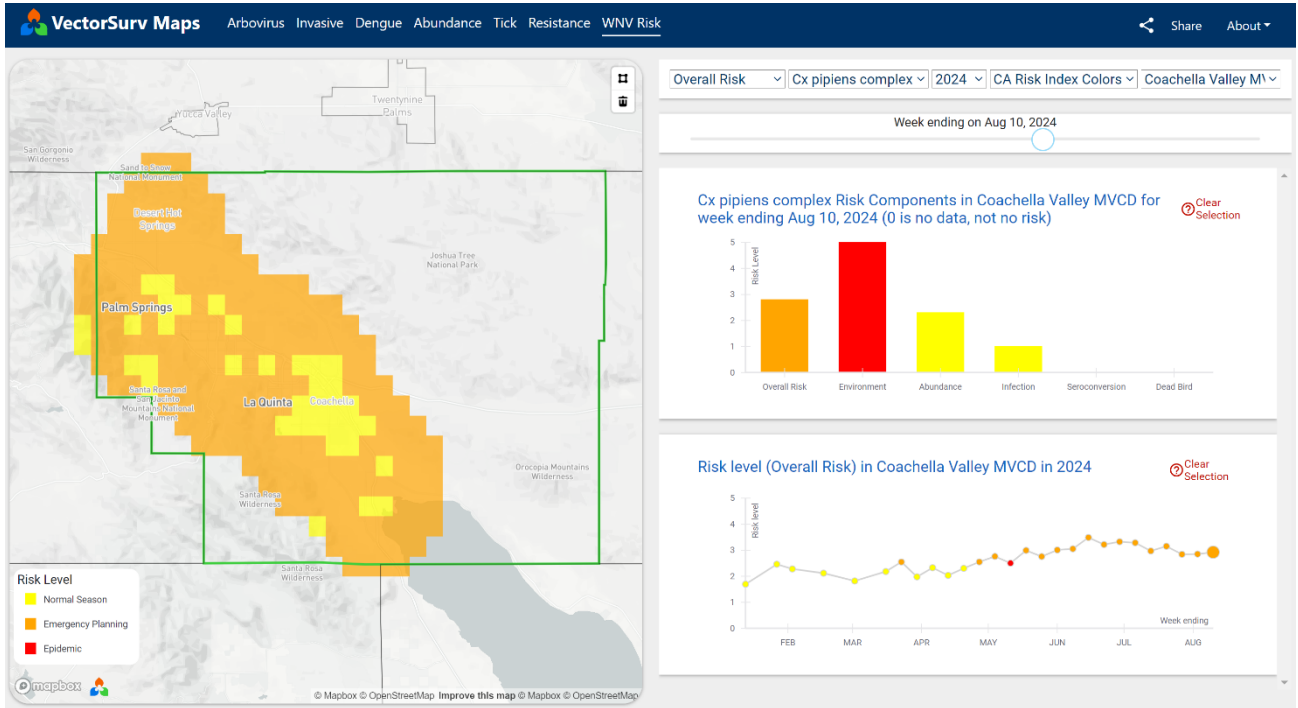
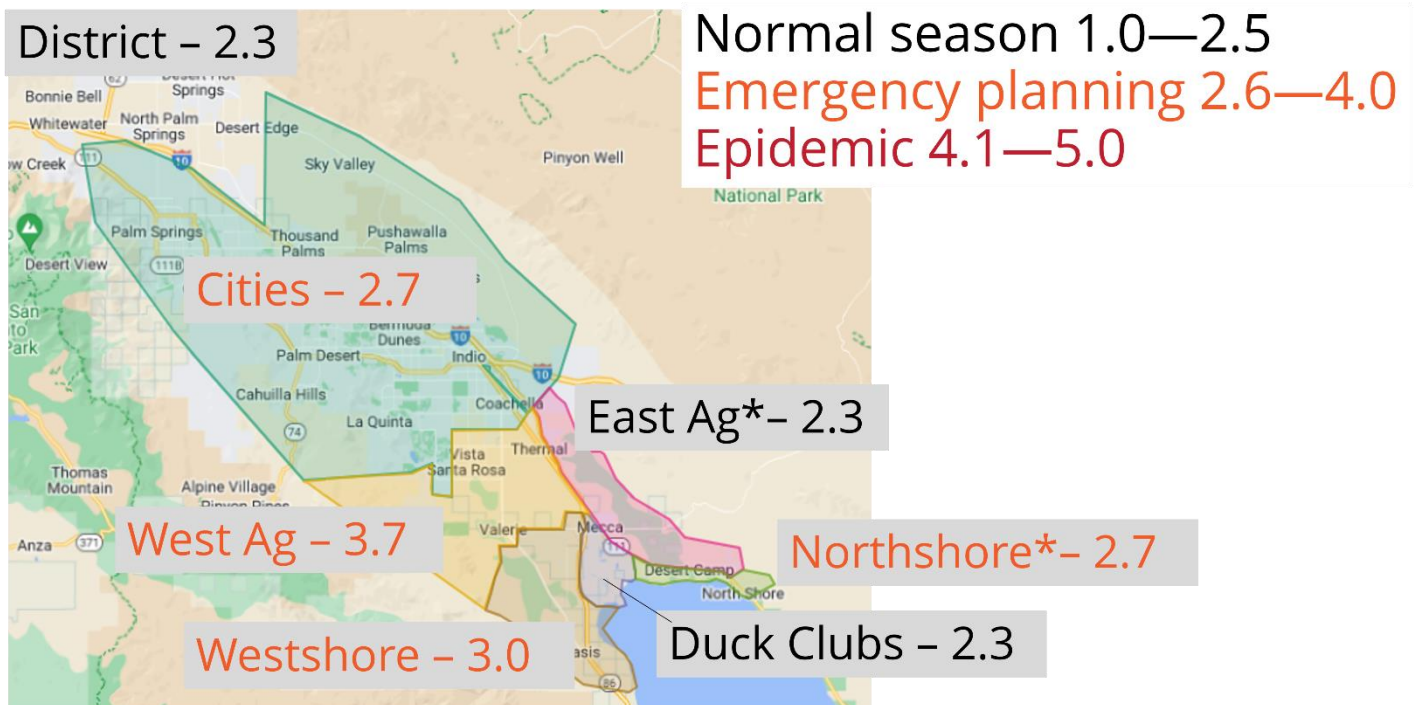


12 August 2024

# West Nile Virus Risk Assessment



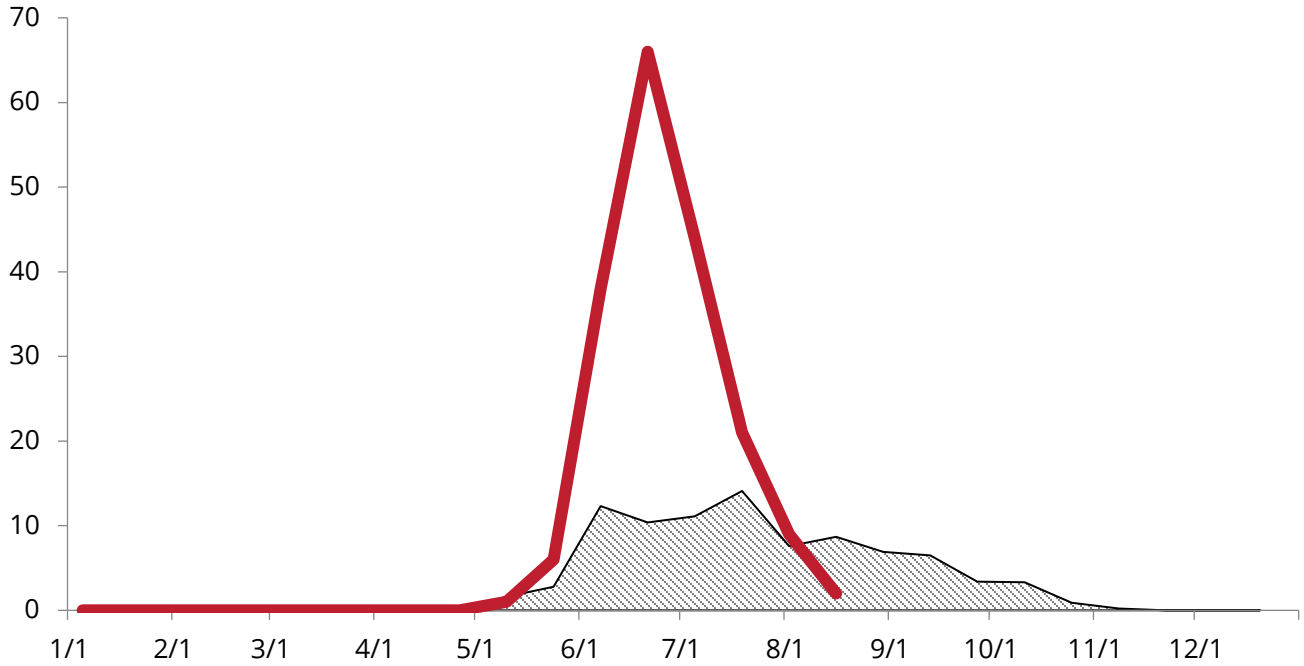
## St. Louis Encephalitis Virus Risk Assessment



Risk Assessments courtesy of VectorSurf.org. Mosquito abundance, environmental factors (temperature and rainfall), number of infected mosquito samples, number of dead birds, and number of human cases are scored and averaged by region.

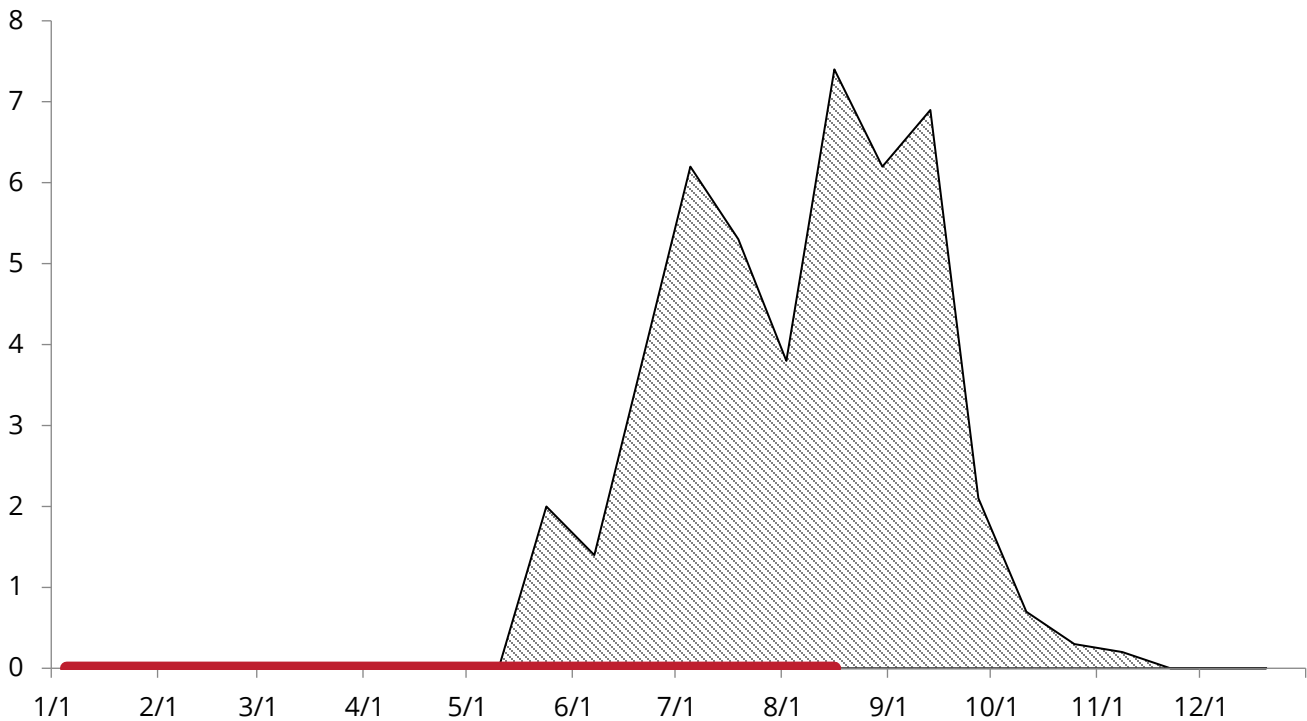
## West Nile virus mosquito samples

5-year average 2024

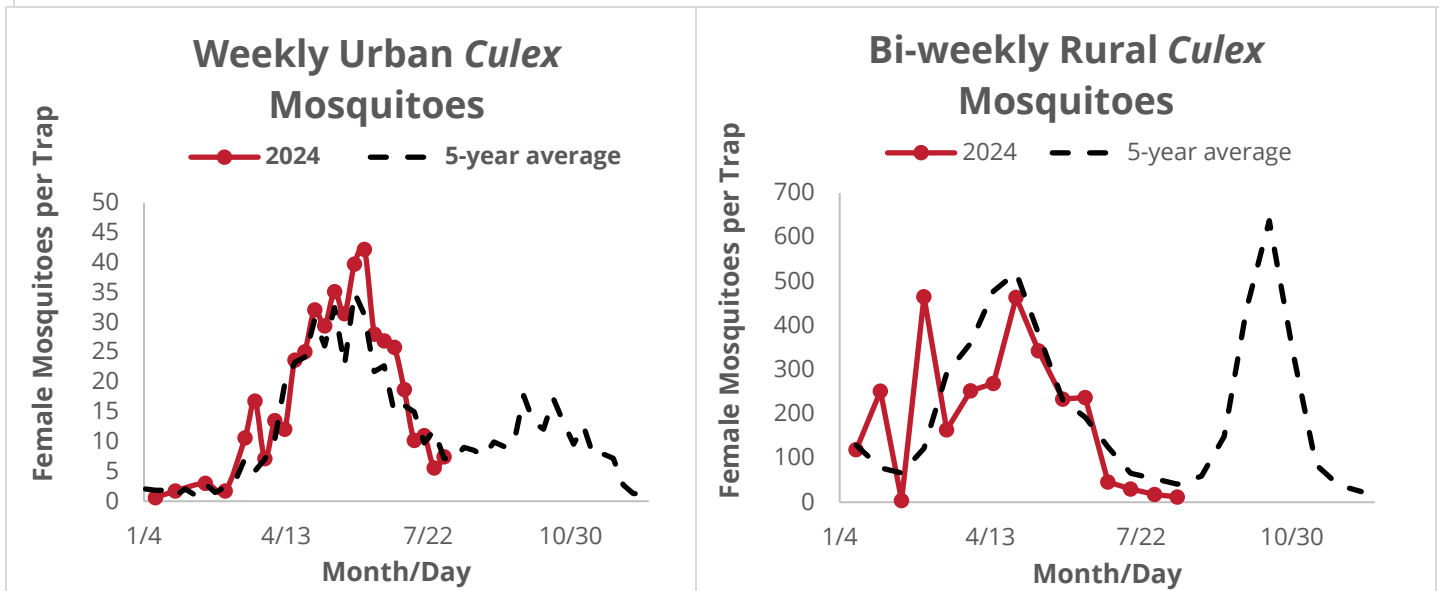
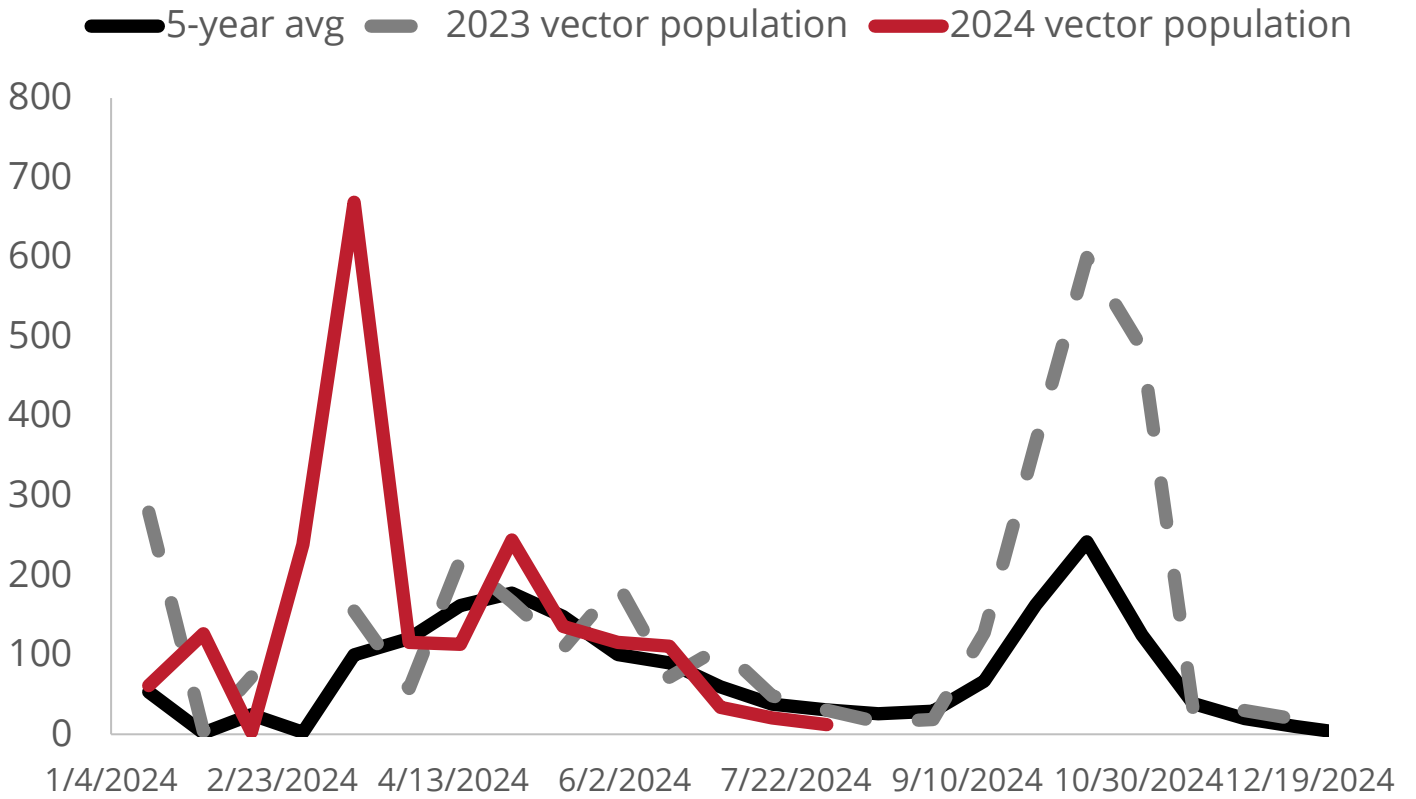


## St. Louis Encephalitis virus samples

5-year average 2024

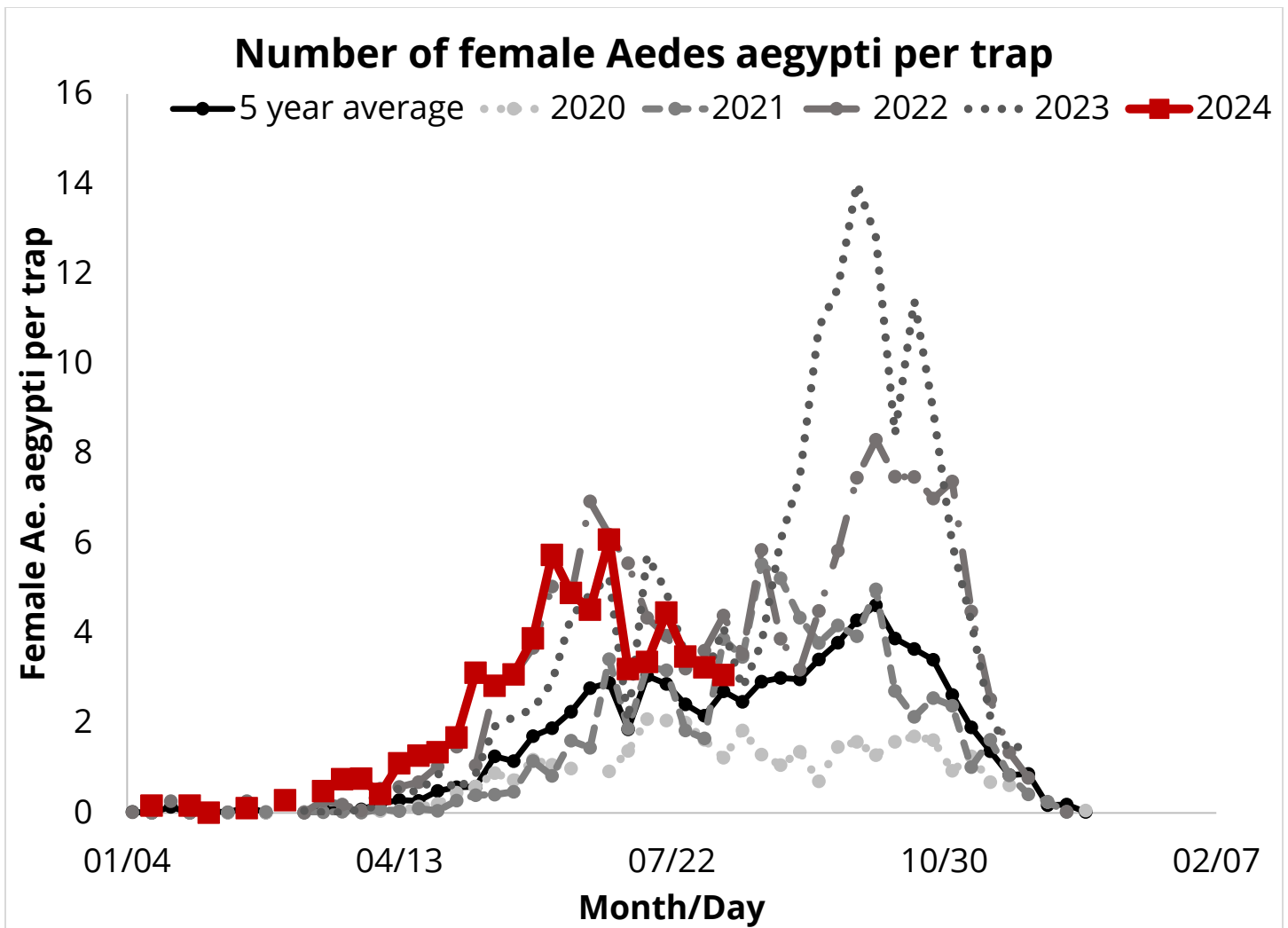


## Culex mosquitoes 2024



Abundance of CO<sub>2</sub> and gravid traps for female *Culex* mosquitoes (vectors of WNV and SLEV). District-wide numbers are much lower than the 5-year average for the second half of July (12 mosquitoes per trap). Rural mosquito traps are much lower the 5-year average for the second half of July (18 mosquitoes per trap). Urban traps this week are below the 5-year average (6 mosquitoes per trap; excludes Bubbling Wells).

\*District-wide and rural are on 1/2 month; Urban are weekly comparisons



Five-year average includes 2019-2023. 2019 and 2020 included increased detections including new cities and communities.

This week's average was approximately 3 mosquitoes per trap; last year's was approximately 4 mosquitoes per trap.