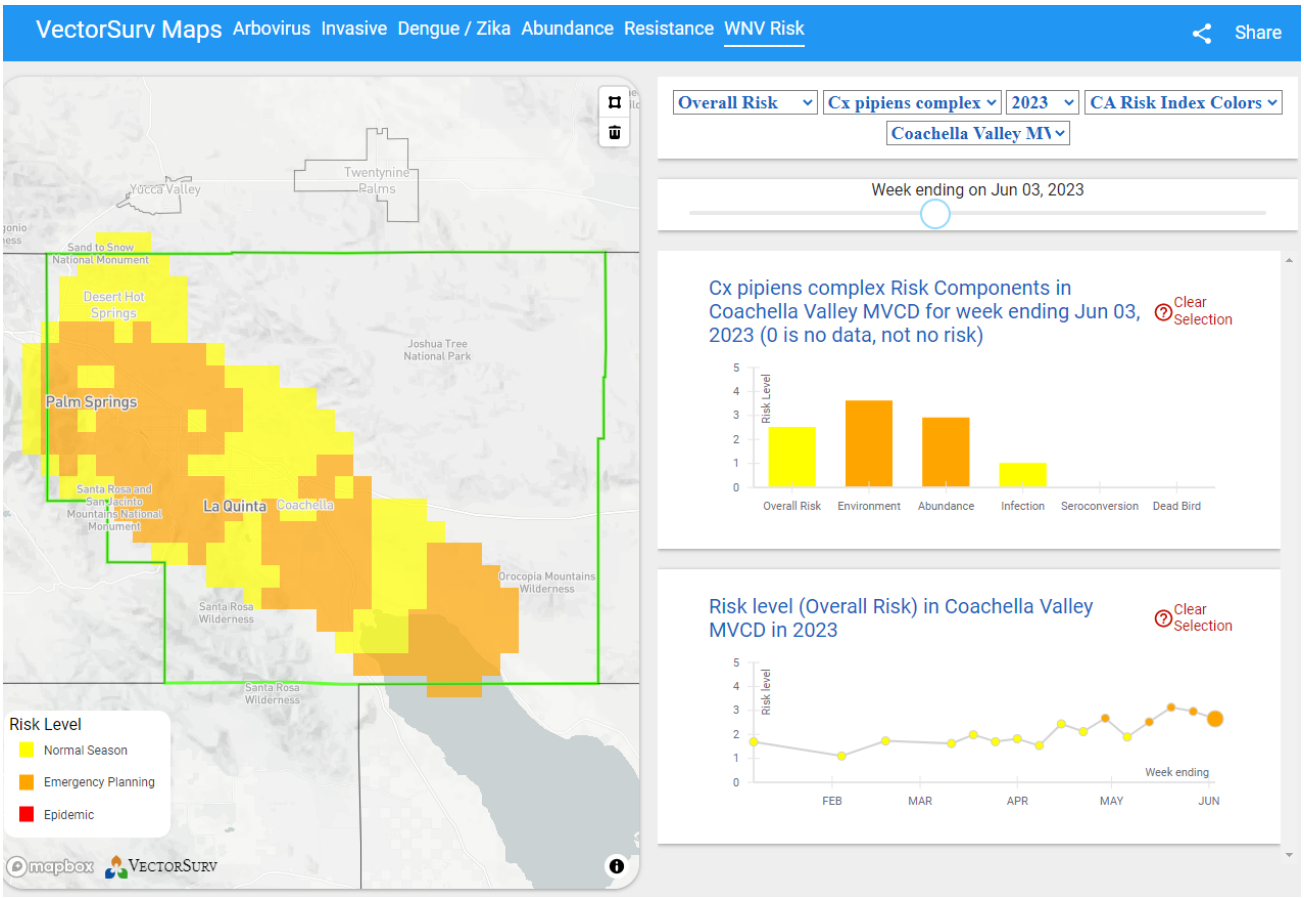
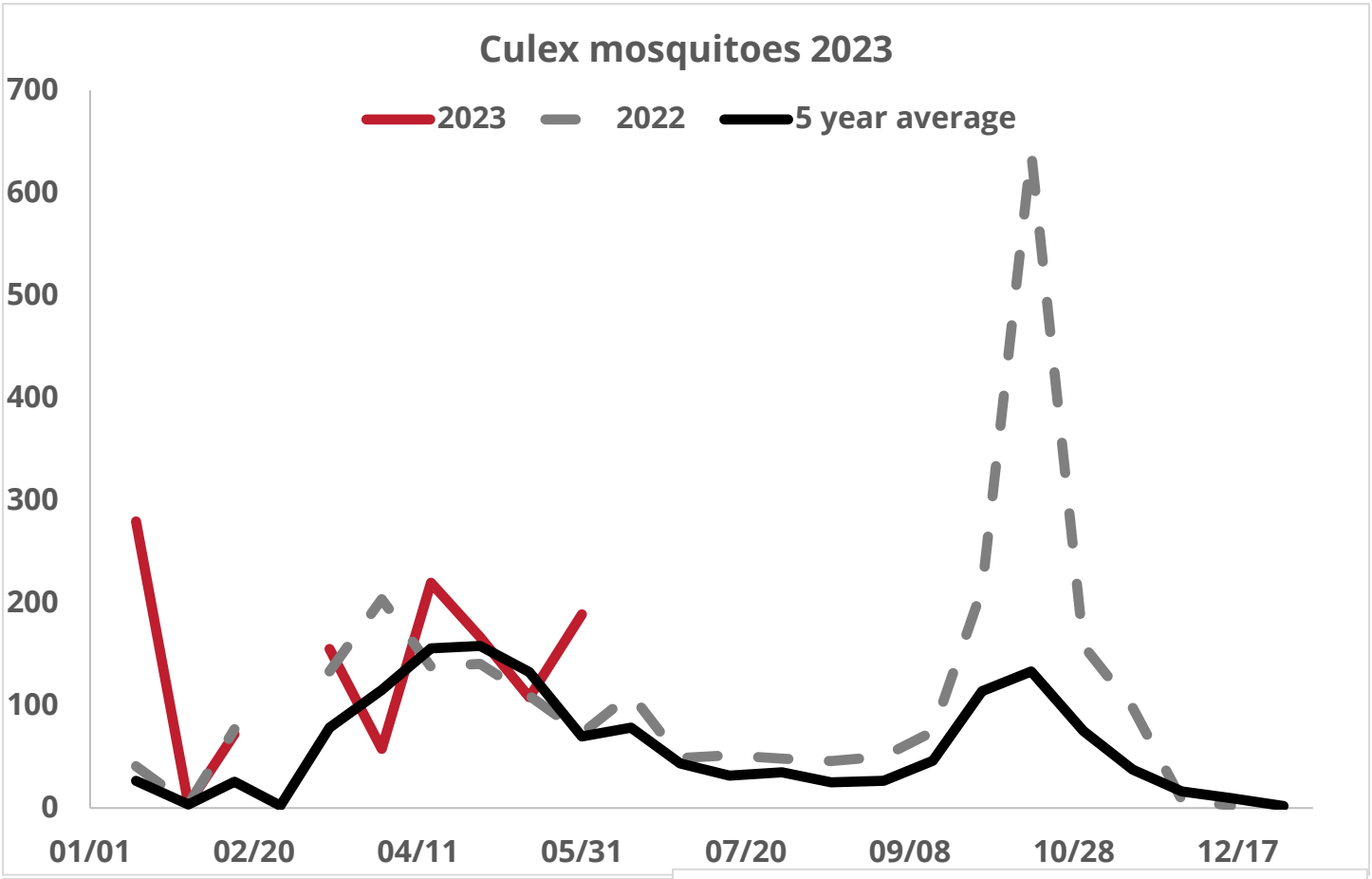
5 June 2023

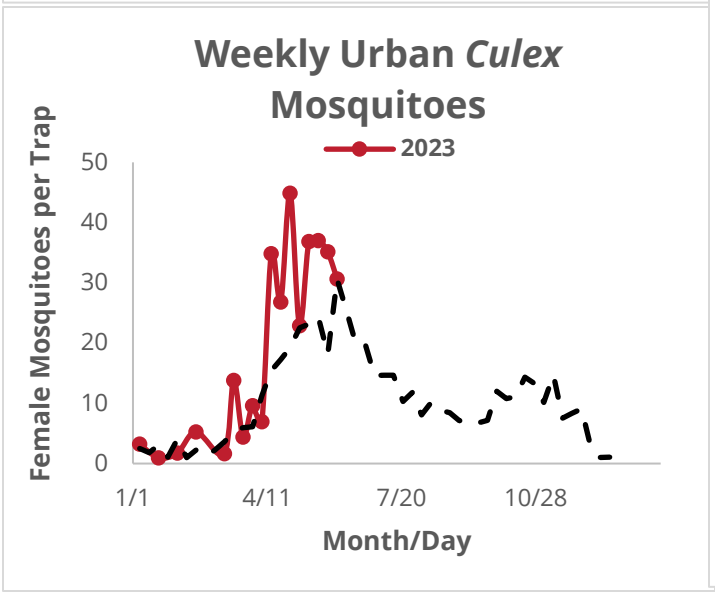
# West Nile Virus Risk Assessment

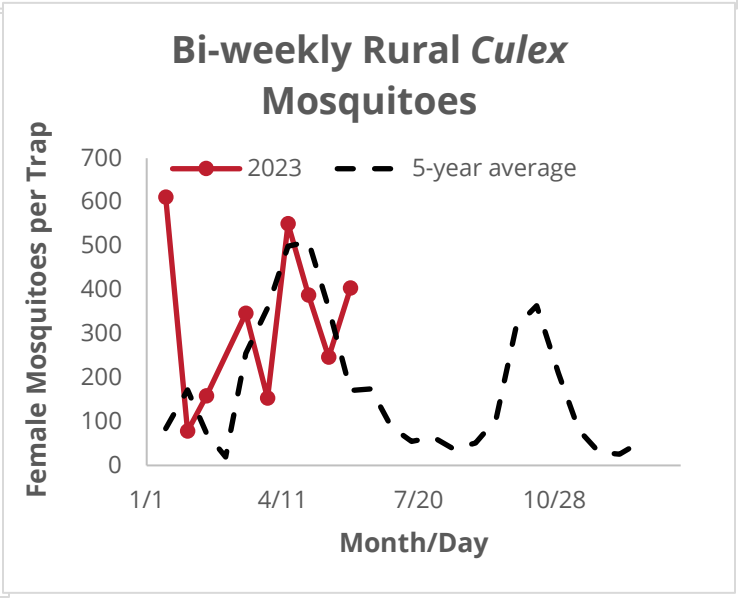



Risk Assessments for West Nile virus courtesy of VectorSurv.org. Mosquito abundance, environmental factors (temperature and rainfall), number of infected mosquito samples, number of dead birds, and number of human cases are scored and averaged by region.

- Normal season 1.0—2.5
- Emergency planning 2.6—4.0
- Epidemic 4.1—5.0

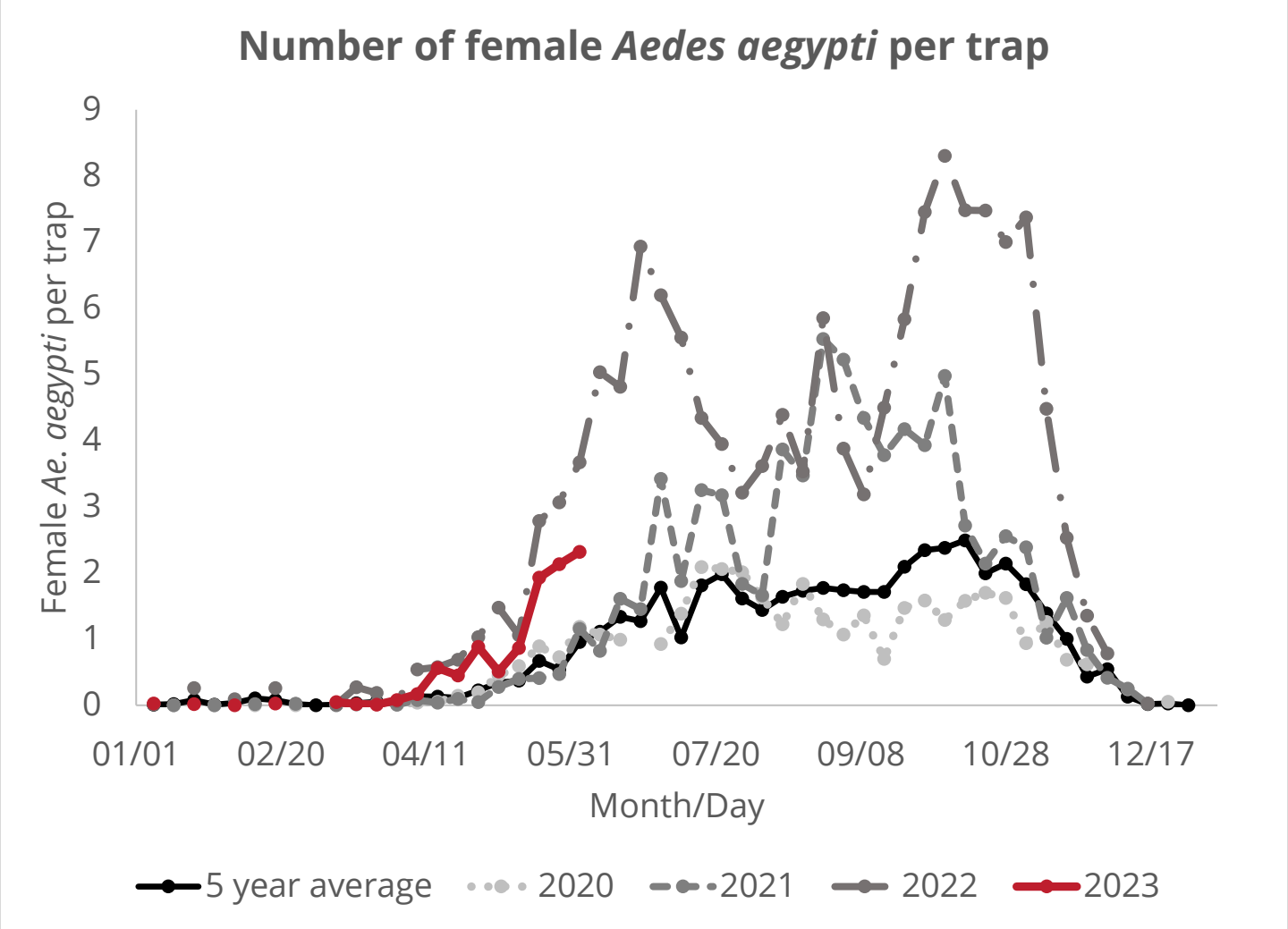



Abundance of $CO_2$ and gravid traps for female *Culex* mosquitoes (vectors of WNV and SLEV). District-wide numbers are about 2.5 times the 5-year average for the second half of May (189 mosquitoes per trap). Rural mosquito traps are about twice the 5-year average for the second half of May (404 mosquitoes per trap). Urban traps this week are about the same as the 5-year average (30 mosquitoes per trap; excludes Bubbling Wells).

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




Five-year average includes 2018-2022. This includes years when mosquito detections were lower (2018). 2019 and 2020 included increased detections including new cities and communities.

This week's average was approximately 2.3 mosquitoes per trap; last year's was approximately 3.7 mosquitoes per trap.