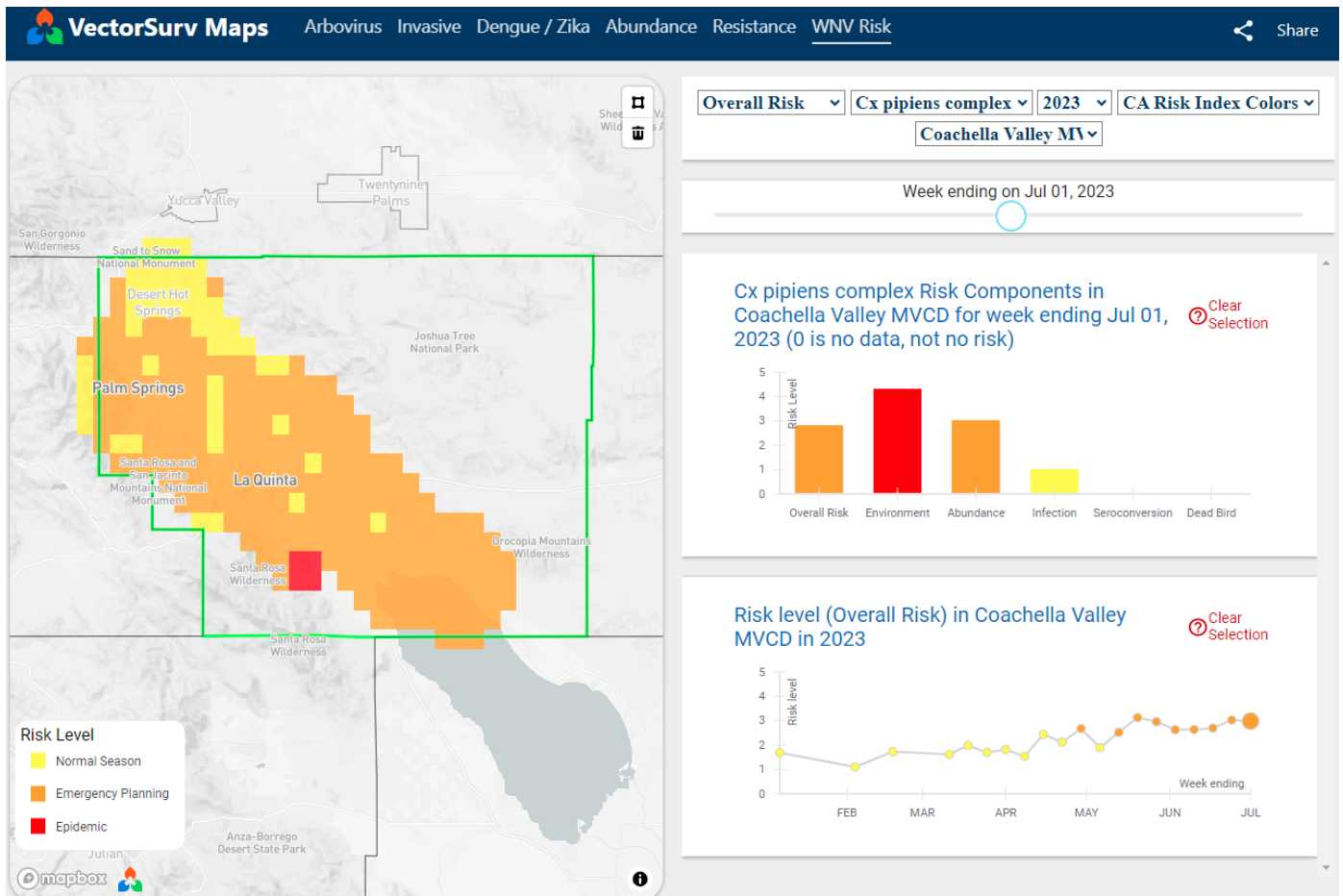


3 July 2023

West Nile Virus Risk Assessment

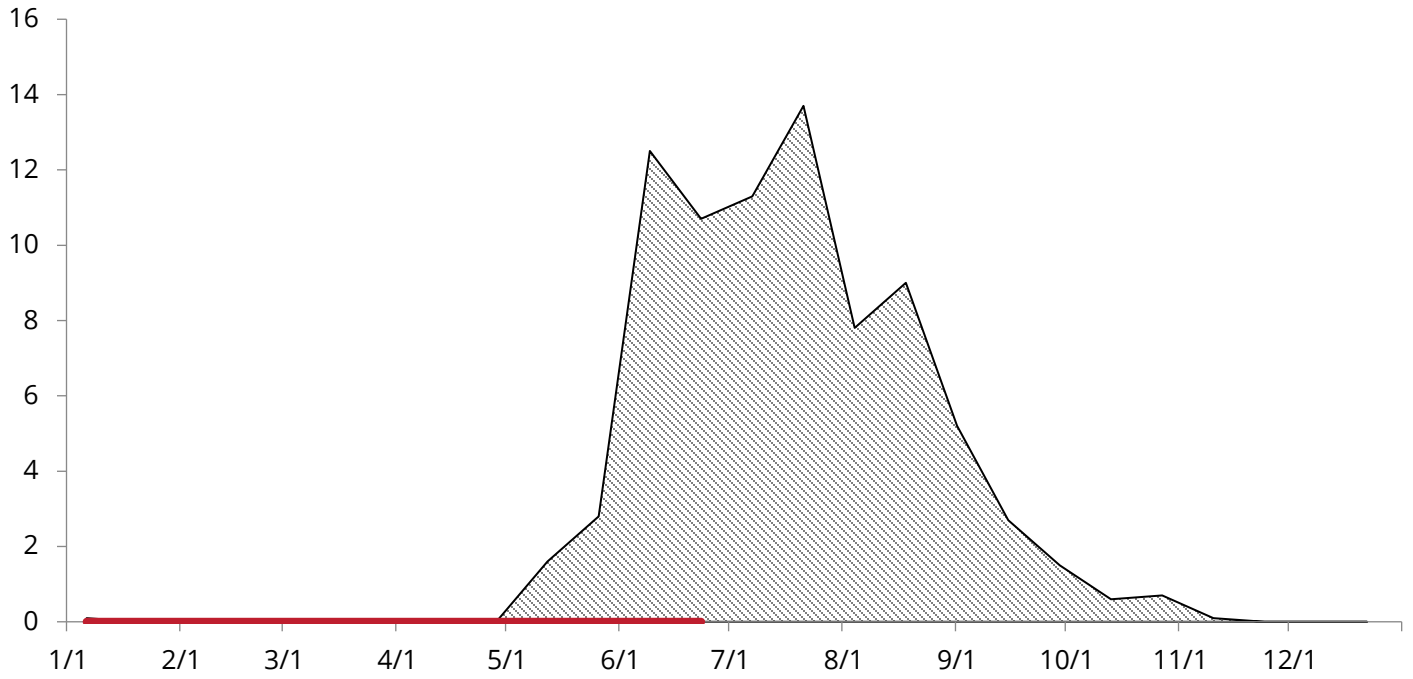


Risk Assessments for West Nile virus courtesy of VectorSurv.org. Mosquito abundance, environmental factors (temperature and rainfall), number of infected mosquito samples, number of dead birds, and number of human cases are scored and averaged by region.

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

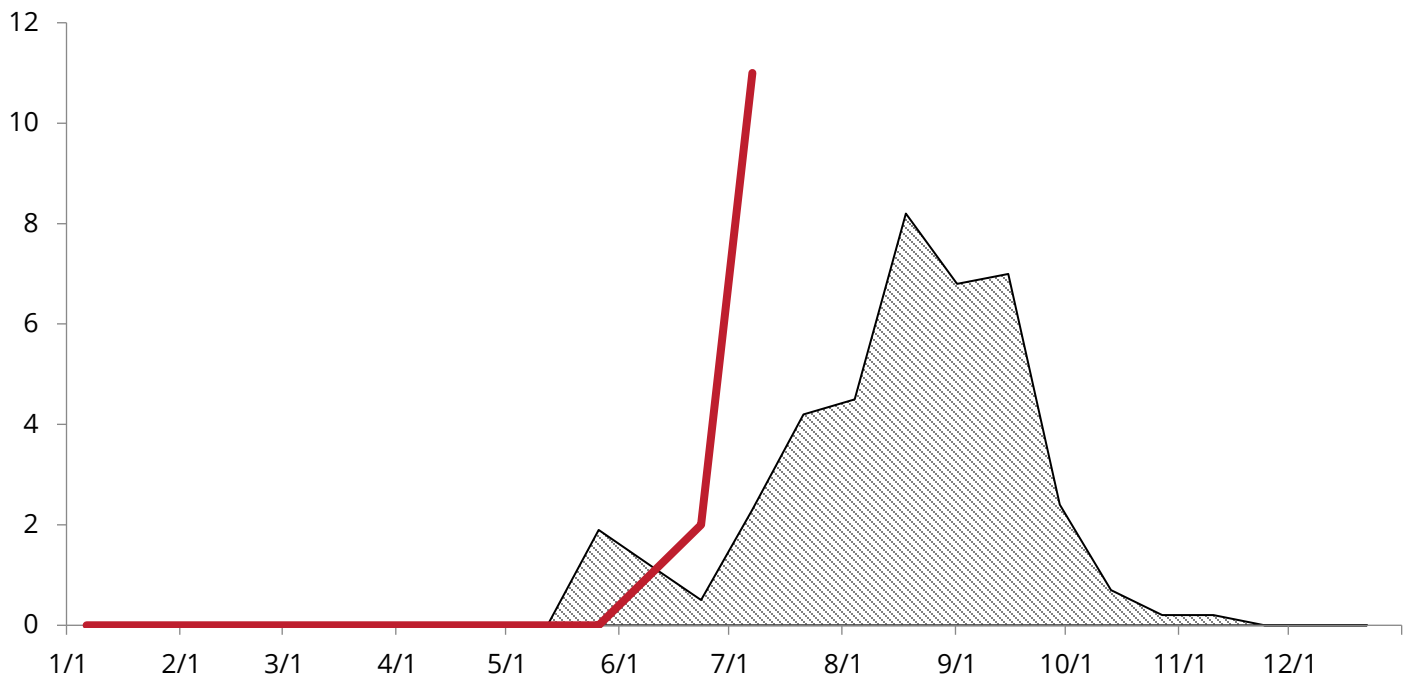
West Nile virus mosquito samples

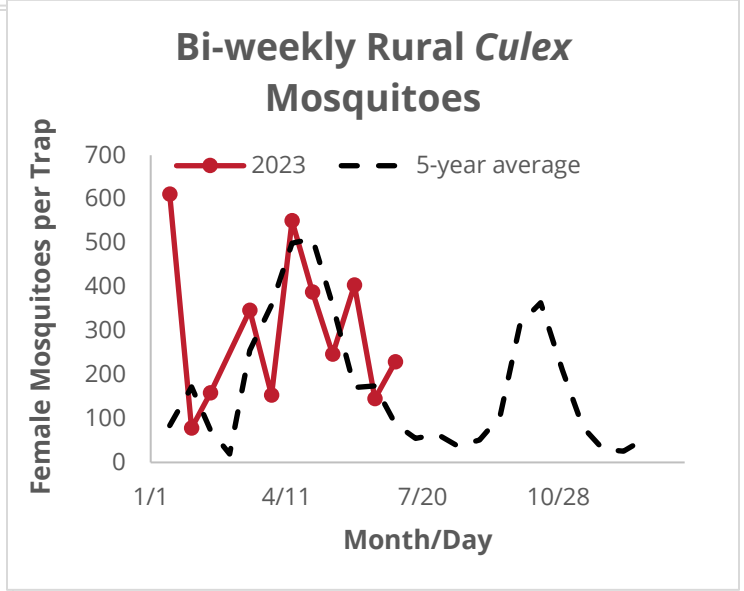
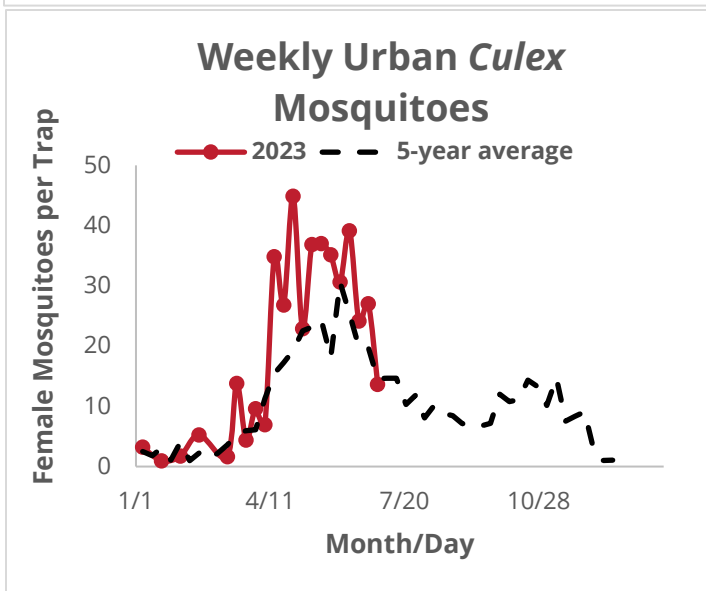
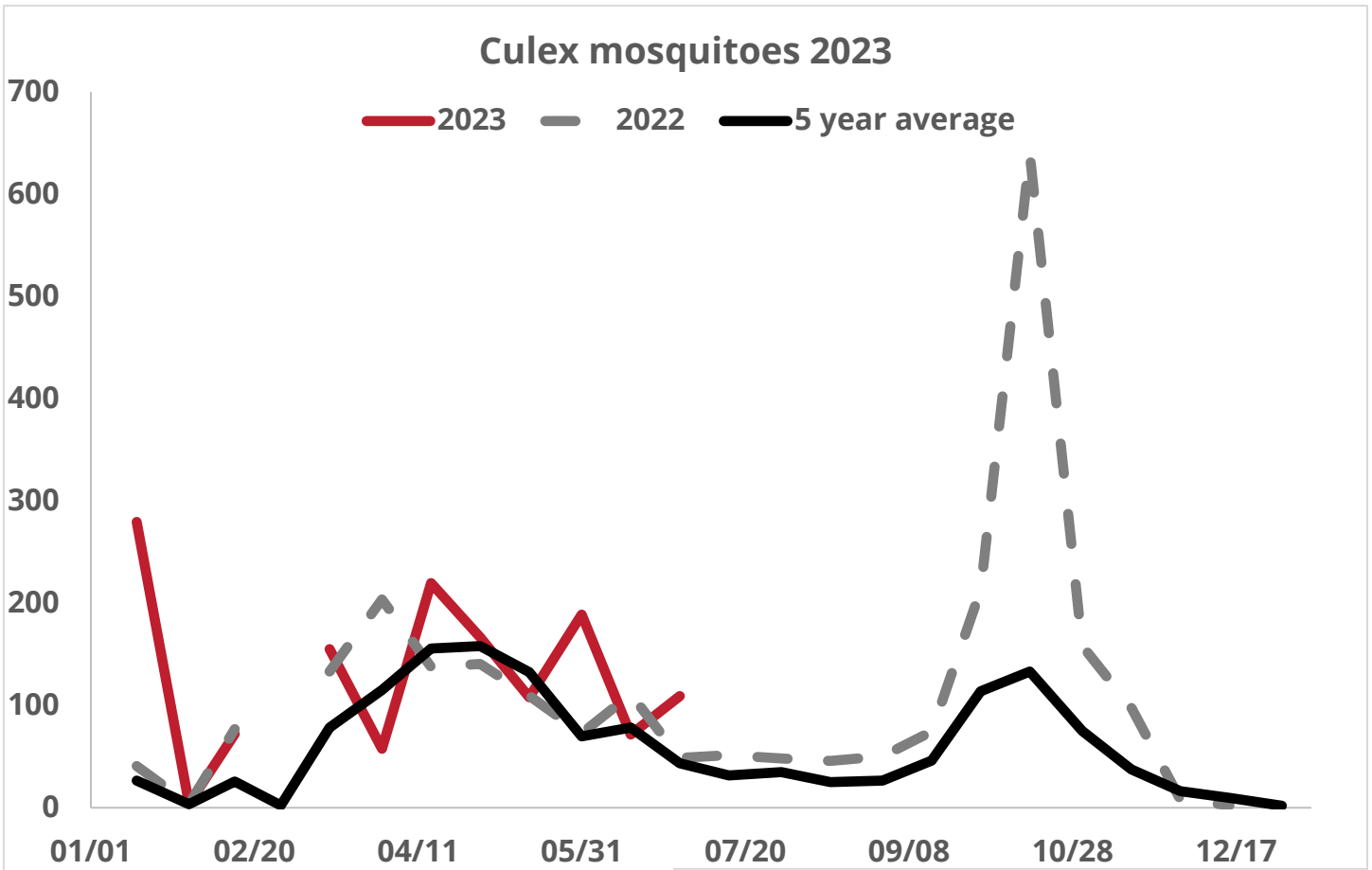
5-year average 2023



St. Louis Encephalitis virus samples

5-year average 2023

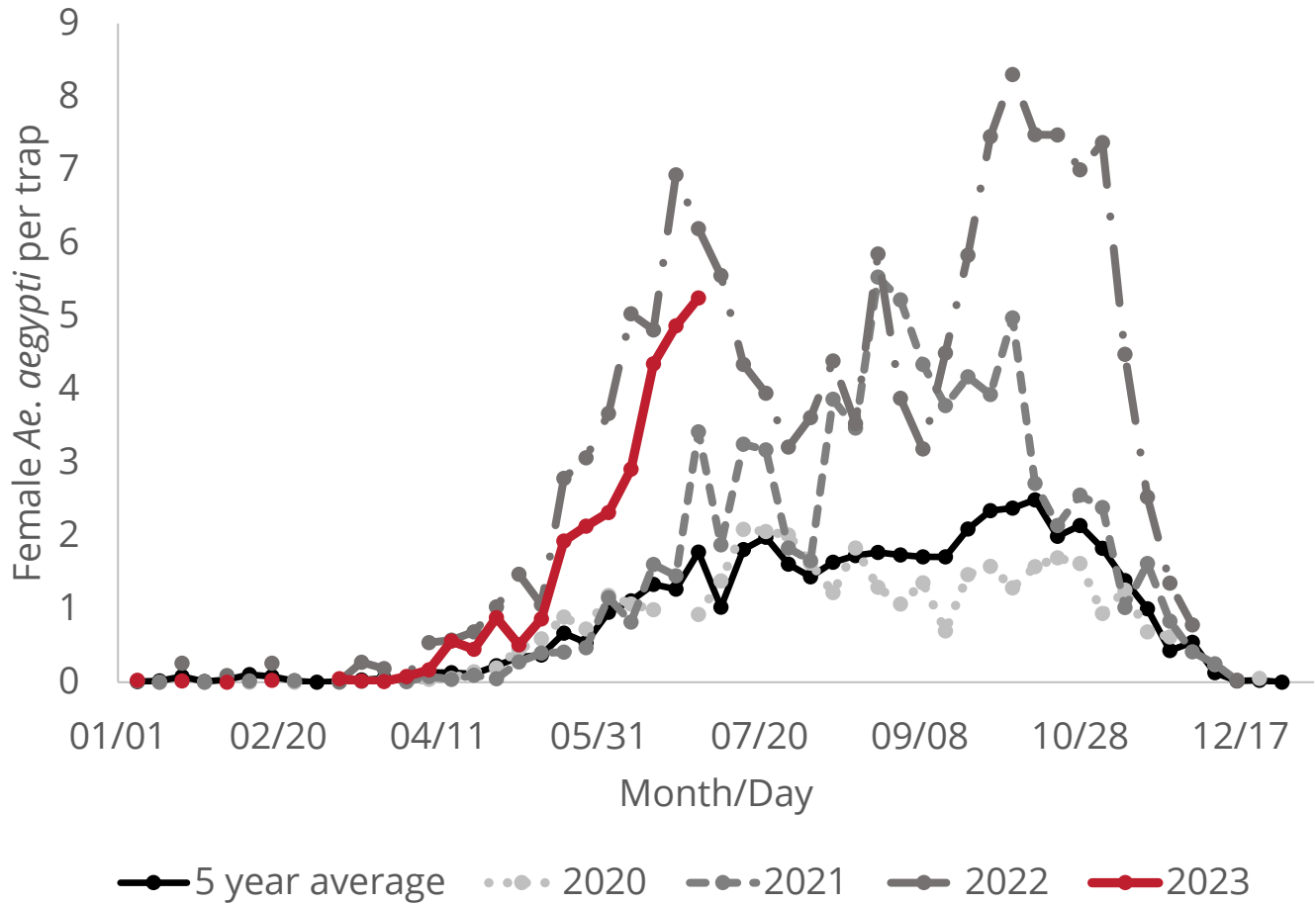




Abundance of CO₂ and gravid traps for female *Culex* mosquitoes (vectors of WNV and SLEV). District-wide numbers are twice the 5-year average for the second half of June (110 mosquitoes per trap). Rural mosquito traps were about the 2.5 times the 5-year average for the second half of June (230 mosquitoes per trap). Urban traps this week are about the same as the 5-year average (14 mosquitoes per trap; excludes Bubbling Wells).

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

Number of female *Aedes aegypti* per trap



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 5 mosquitoes per trap; last year's was approximately 6 mosquitoes per trap.