



2026 Surveillance Summary



Overall Season Assessment

This year has been very dry and the river has been very low. The river did not reach an appropriate height to flood the wetlands. Higher than normal temperatures in March initiated an early season hatch of *Cs. inornata* and *Ae. increpitus*. Their numbers dropped off after 4-6 weeks. A subsequent hot and dry summer caused most mosquito breeding sources in the wetlands and in town to dry up quickly. This has caused trap numbers to be very low across the board compared to our 5 year averages.

Aedes aegypti

Several new trap sites have been utilized to improve coverage for *Ae. aegypti* detection. September and October is peak season for *Ae. aegypti* in Moab. Our first *Ae. aegypti* of 2026 was just captured in the Bartlett neighborhood on Monday Sept. 28th. Same-day treatments were made to all potential breeding sources within the properties surrounding our trap.

West Nile Virus Vector Species

- Our WNV vector species (*Cx. tarsalis*, *Cx. erythrothorax*, *Cx. quinquefasciatus*) trap numbers have been exceptionally low all year compared to the 5 year average. WNV vector species trap numbers are low to average for a similar water year (river height and rainfall amounts.)

West Nile Virus Testing

- 60 pools of mosquitoes have been tested for WNV this year so far. The very first pool was a presumptive positive, but below the threshold for a guaranteed positive. No other pools of mosquitoes have tested positive.