

# Saskatchewan West Nile Virus (WNV) Weekly Surveillance & Transmission Risk Report

FOR WEEK ENDING AUGUST 12, 2023

## Highlights:



*Culex* spp. mosquitoes were detected in all surveyed communities. However, all mosquito pools tested to date have been **negative** for WNV.



The CWHC has detected six WNV-positive birds in ecological risk area 3 this season.



Historically, the last two weeks of July and the first two weeks of August are the highest risk for transmission.



Mosquitoes are most active on warm evenings and between dusk and dawn. To avoid mosquito bites, use insect repellents, cover up and limit time outside during peak times of mosquito activity.



Risk of being bitten by an infected mosquito this week by zone

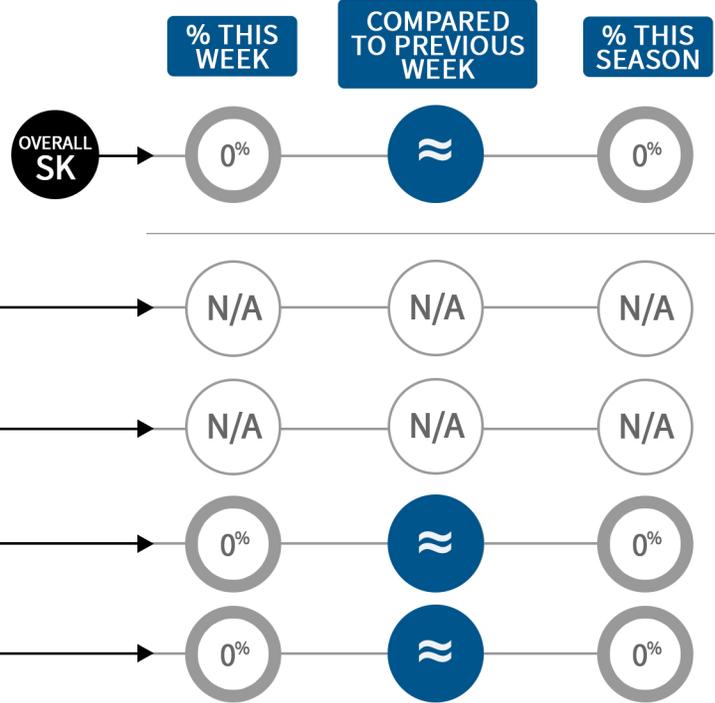
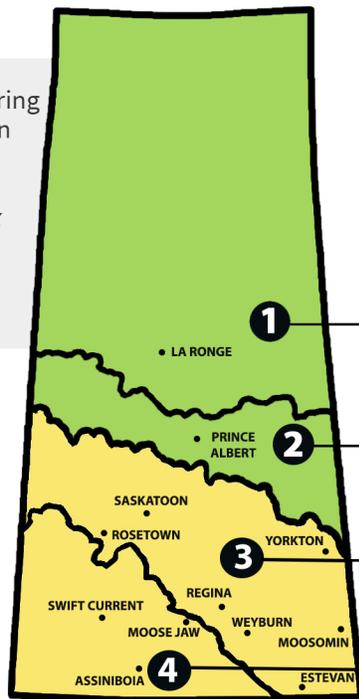


Percentage of mosquito pools that tested positive for WNV this week and this season

The risk of humans acquiring WNV infection depends on various factors including time of year, number and location of infected *Culex tarsalis* mosquitoes, and numbers of days with sufficient heat.

Risk level:

- Minimal
- Low
- Moderate
- High

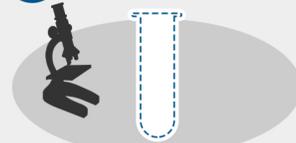


≈ - No change; N/A - Not applicable

## Human surveillance

THIS WEEK

0 WNV positive lab tests



0 cases of WNV neuroinvasive disease



0 deaths due to WNV



THIS SEASON

0 positive lab tests\*

0 neuroinvasive cases

0 deaths due to WNV

\*These include tests done by the Roy Romanow Provincial Laboratory (RRPL) and Canadian Blood Services (CBS). A positive laboratory test does not necessarily indicate a current WNV infection.