

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

FOR WEEK ENDING SEPTEMBER 09, 2023 (FINAL REPORT)

Highlights:



All *Culex* spp. mosquito pools tested to date have been **negative** for WNV.



A total of five WNV-positive human lab test results, reported to date, suggest WNV transmission in humans has occurred this season.



Four WNV-positive equine (horse) cases were reported this week. In total, **eight** WNV-positive equine cases have been reported to date. The CWHC has detected **25** WNV-positive birds this season.



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

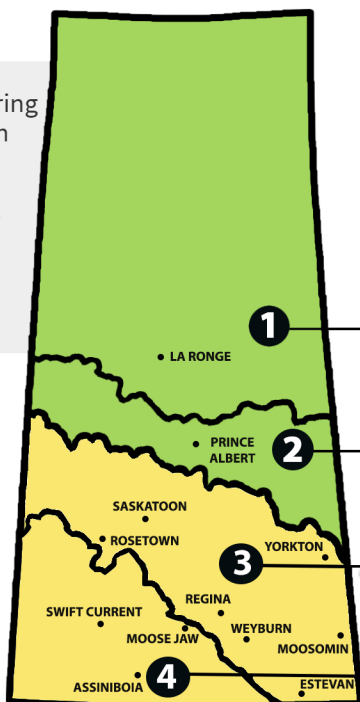


Percentage of mosquito pools that tested positive for WNV this week and this season

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



	% THIS WEEK	COMPARED TO PREVIOUS WEEK	% THIS SEASON
OVERALL SK	0%	≈	0%
Zone 1	N/A	N/A	N/A
Zone 2	N/A	N/A	N/A
Zone 3	0%	≈	0%
Zone 4	0%	≈	0%

≈ - No change; N/A - Not applicable

Human surveillance

THIS WEEK

1

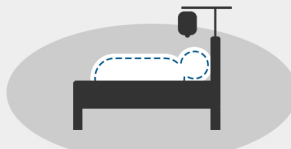
WNV positive lab test

0

cases of WNV neuroinvasive disease

0

deaths due to WNV



THIS SEASON

5 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.