

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

FOR WEEK ENDING JULY 01, 2023

Highlights:



Low numbers of *Culex tarsalis* mosquitoes are being detected in parts of southern Saskatchewan.



The risk of WNV transmission is currently minimal to low but is expected to increase in the coming weeks.



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



Mosquitoes are most active on warm evenings and between dusk and dawn. Take precautions to avoid mosquito bites.



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

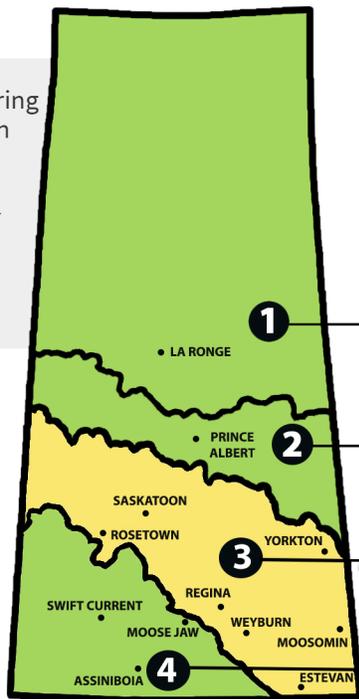


Percentage of mosquito pools that tested positive for WNV this week and this season

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 (Minimal)	N/A	N/A	N/A
Zone 2 (Low)	N/A	N/A	N/A
Zone 3 (Low)	0%	≈	0%
Zone 4 (Low)	0%	≈	0%

≈ - No change; N/A - Not applicable

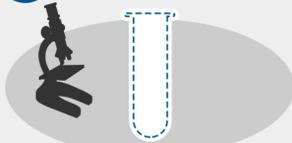
Human surveillance

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.