

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

FOR WEEK ENDING JULY 15, 2023

Highlights:



Culex tarsalis mosquitoes continue to be detected in parts of southern and central Saskatchewan.



The Canadian Wildlife Health Cooperative (Western and Northern Region) detected two WNV-positive birds in ecological risk area 3; this indicates the virus is currently circulating in the province.



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



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

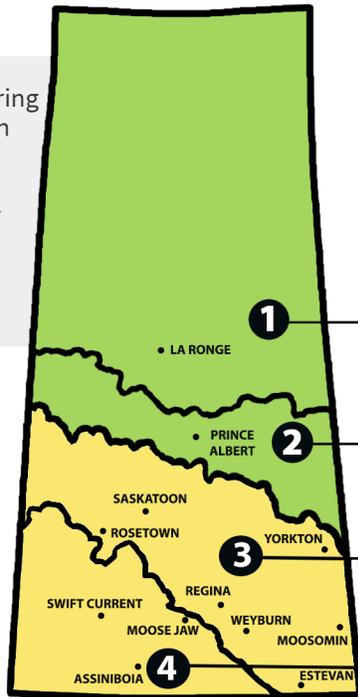


Percentage of mosquito pools that tested positive for WNV this week and this season

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 (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.