

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

FOR WEEK ENDING AUGUST 7, 2021

Highlights:



Culex tarsalis mosquitoes continue to increase in southern and central Saskatchewan.



The risk of WNV transmission has increased to moderate in Zone 3.



Mosquitoes infected with WNV were found in the moist mixed-grass prairie/aspen parkland ecological risk area (Zone 3) this week, and may be present in other areas of the province.



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

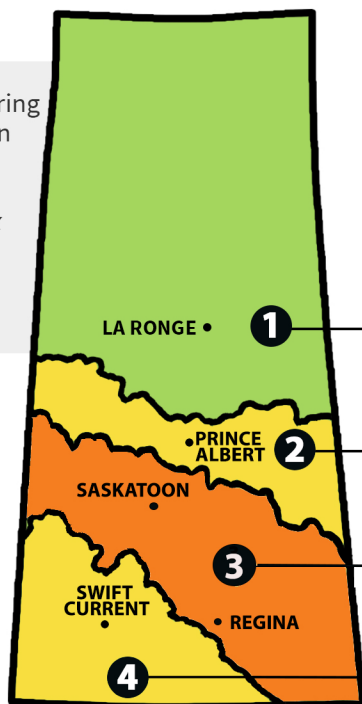


Percentage of mosquito pools that tested positive for WNV this week and this season

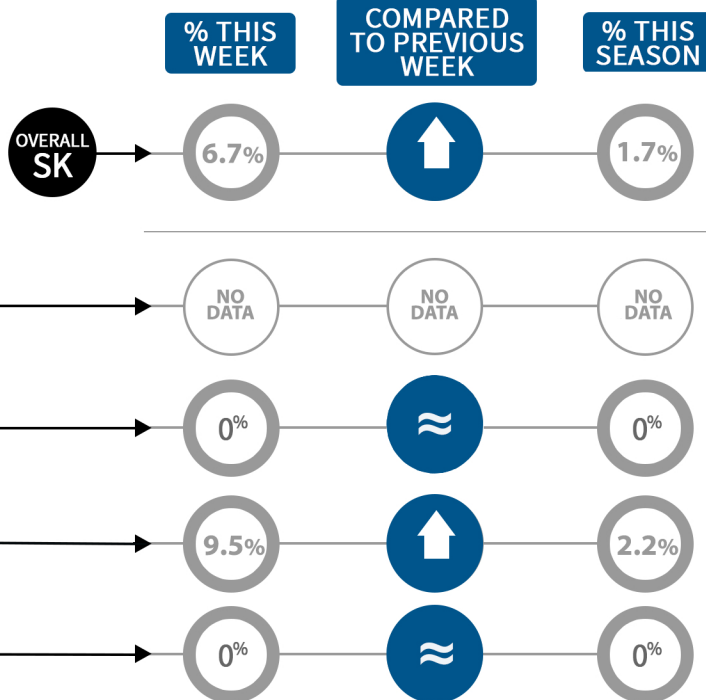
The risk of humans acquiring WNV infection depends on various factors including time of year, number and location of infected *Culex tarsalis* mosquitoes, and numbers of days with sufficient heat.

Risk level:

- Minimal
- Low
- Moderate
- High



Due to extremely low numbers of *Culex* spp. mosquitoes this season, ecological risk area 1 will not be surveyed in 2021.

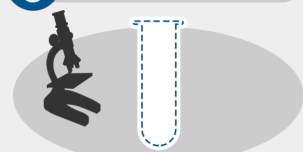


≈ - No change

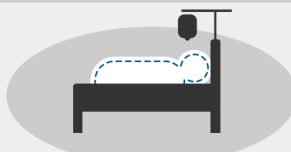
Human surveillance

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.