

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

FOR WEEK ENDING AUGUST 04, 2018

## Highlights:



**Culex tarsalis** mosquito numbers continue to increase in southern and central Saskatchewan.



Conditions are optimal for West Nile virus transmission in central and southern Saskatchewan (zones 2, 3, and 4).



West Nile virus positive mosquitoes have been increasing over for the past three weeks.



Mosquitoes are most active on warm evenings, and between dusk and dawn. Take precautions against getting 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

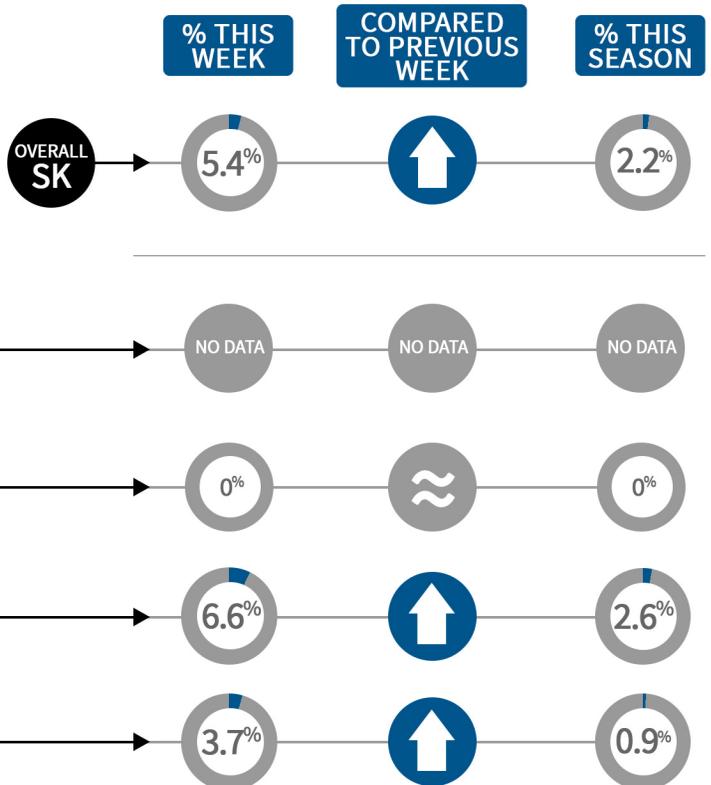
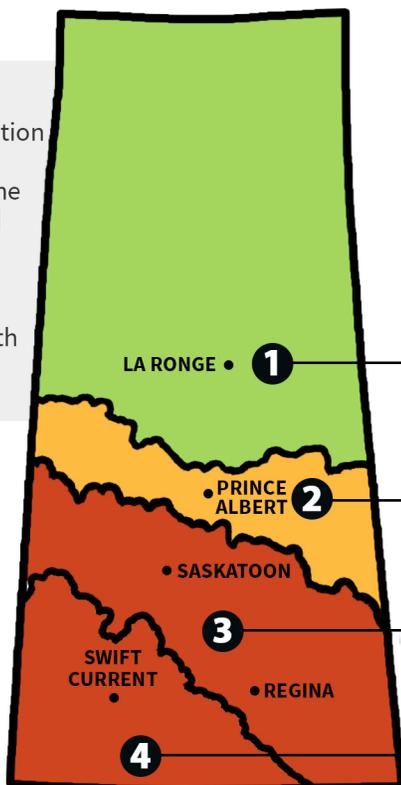


Percentage of mosquito pools that tested positive for WNV this week and this season

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



≈ - No change  
 N/A - Data not available  
 NO DATA - Traps are not operated in this area

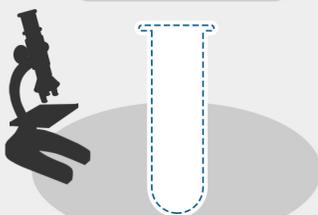


## Human surveillance

THIS WEEK

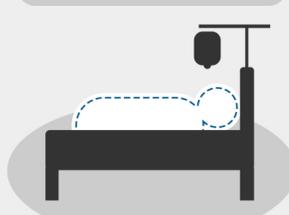
0

WNV positive laboratory tests



0

cases of WNV neuroinvasive disease



0

deaths due to WNV



THIS SEASON

1 positive lab test\*

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.