

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

WEEK OF SEPTEMBER 16, 2017 (FINAL REPORT FOR 2017)

## Highlights:



Low numbers of *Culex tarsalis* mosquitoes continue to be found in southern Saskatchewan.



WNV transmission risk remains low in zones 2, 3, and 4. People can still reduce their risk of being bitten by covering up and using repellents.



Infected mosquitoes likely remain in the environment. Testing for WNV has been discontinued for the season.



*Culex tarsalis* mosquitoes may still be active on warm afternoons and in the early evening. Possible transmission of WNV to people may occur until there is a widespread hard frost.



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

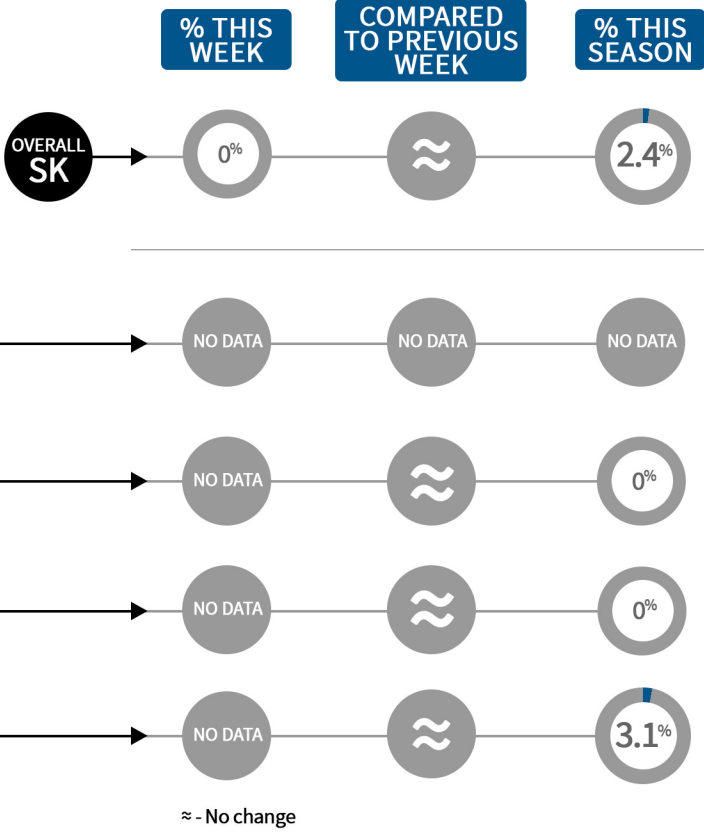
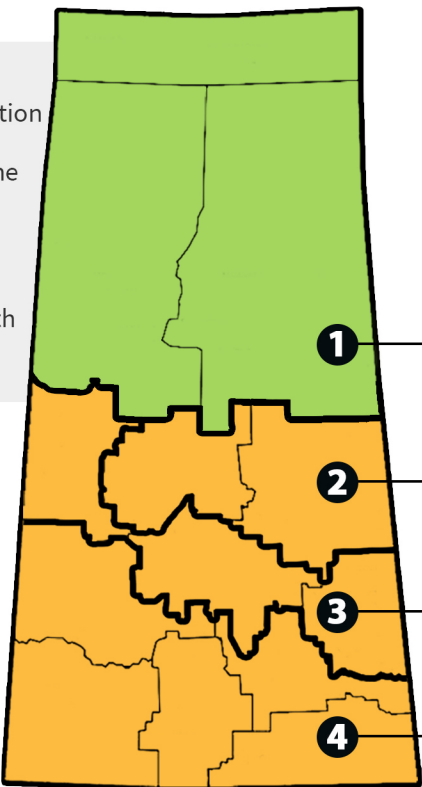


Percentage of mosquito pools that tested positive for WNV this week and this season

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



## Human surveillance

THIS WEEK

0

WNV positive laboratory tests

0

cases of WNV neuroinvasive disease

0

deaths due to WNV

THIS SEASON

4 positive lab tests

0 neuroinvasive cases

0 deaths due to WNV

A positive lab test does not necessarily indicate a new current WNV infection. It may indicate a WNV infection from a previous year or a cross-reaction with other viruses.