

# Saskatchewan West Nile Virus Weekly Surveillance & Transmission Risk Report

FOR WEEK ENDING JULY 30 2022

## Highlights:



*Culex* spp. mosquitoes continue to increase in all surveyed communities.



As of July 30, 2022, all *Culex* spp. mosquito pools have tested negative for West Nile virus.

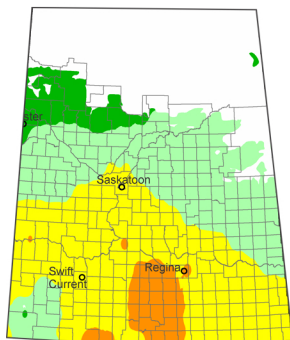


Historically, the last two weeks of July and the first two weeks of August are the highest risk for virus transmission.



To avoid mosquito bites, use repellents, cover up, and limit time outside during peak times of mosquito activity (between dusk and dawn).

## Degree Day Accumulation (Base 14.3 to July 24, 2022):



Map courtesy of Agriculture and Agri-Food Canada

\*The degree day map for the week ending July 30, 2022 is not available.

0 - 50	200 - 250	400 - 450	600 - 650
50 - 100	250 - 300	450 - 500	650 - 700
100 - 150	300 - 350	500 - 550	700 - 750
150 - 200	350 - 400	550 - 600	750 - 800

Most areas of the province have accumulated 250-300 degree days, which will support emergence of the second generation of *Culex tarsalis* mosquitoes. Areas with 300-350 degree days accumulated can expect increased mosquito activity.

## Mosquito Surveillance Results

Average number of *Culex* spp. mosquitoes per trap night      Positive Pools (%)

Saskatoon	2	0
Regina	<1	0
Estevan	4	0

## 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.