

Saskatchewan West Nile Virus Weekly Surveillance & Transmission Risk Report

FOR WEEK ENDING AUGUST 20 2022

Highlights:



Culex spp. mosquitoes increased in Estevan and Regina this week. In Saskatoon, *Culex* spp. mosquito numbers have likely peaked.



As of August 20, 2022, all *Culex* spp. mosquito pools have tested negative for West Nile virus.

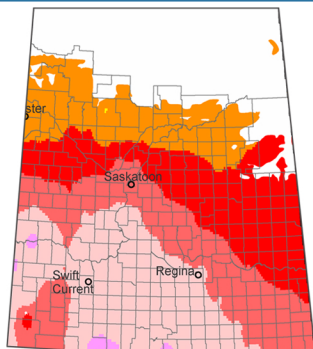


The risk of West Nile virus transmission remains low in the surveyed communities, but residents are encouraged to continue to take precautions for the month of August.



To avoid mosquito bites, use mosquito repellents, cover up, and limit time outside during peak times of mosquito activity.

Degree Day Accumulation (Base 14.3 to August 21, 2022):



Map courtesy of Agriculture and Agri-Food Canada

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

In southern, central, and western regions of Saskatchewan, 450-500 degree days have accumulated, which will continue to increase *Culex tarsalis* biting activity and West Nile virus transmission where the virus is present.

Mosquito Surveillance Results

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

Saskatoon	<1	0
Regina	10	0
Estevan	11	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.