

Saskatchewan West Nile Virus Weekly Surveillance & Transmission Risk Report

FOR WEEK ENDING AUGUST 13 2022

Highlights:



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



Historically, the last two weeks of July and the first two weeks of August are the highest risk for virus transmission; however, risk of transmission is present throughout August.

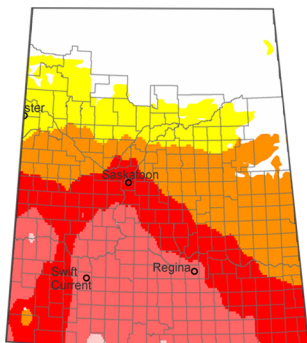


As of August 13, 2022, all *Culex* spp. mosquito pools have tested negative for West Nile virus.



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 August 14, 2022):



Map courtesy of Agriculture and Agri-Food Canada

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

In southern, central, and western regions of Saskatchewan, 400-450 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	4	0
Estevan	7	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.