

Saskatchewan West Nile Virus Weekly Surveillance & Transmission Risk Report

FOR WEEK ENDING JULY 16 2022

Highlights:



Culex tarsalis mosquitoes increased in Estevan and Regina this week; however, numbers remain low compared to historical averages.



West Nile virus transmission risk is currently low but is expected to increase from now until early August.

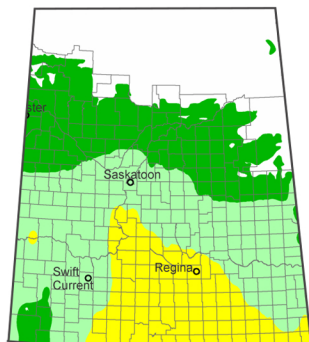


As of July 16, 2022, all *Culex* spp. mosquito pools have tested negative for West Nile virus.



Mosquitoes are most active on warm evenings and between dusk and dawn. Take precautions to avoid mosquito bites.

Degree Day Accumulation (Base 14.3 to July 17, 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

With 150-200 degree days accumulated throughout Saskatchewan, the first generation of *Culex tarsalis* has emerged. South central regions have accumulated 250-300 degree days which will support emergence of the second generation.

Mosquito Surveillance Results

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

Saskatoon	0	0
Regina	<1	0
Estevan	<1	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.