

Saskatchewan West Nile Virus (WNV)

Biweekly Surveillance & Transmission Risk Report

JULY 19 - AUGUST 1, 2026

Highlights:



A WNV-positive bird has been detected (location unknown).



The risk of WNV transmission has increased to moderate in southern Saskatchewan.



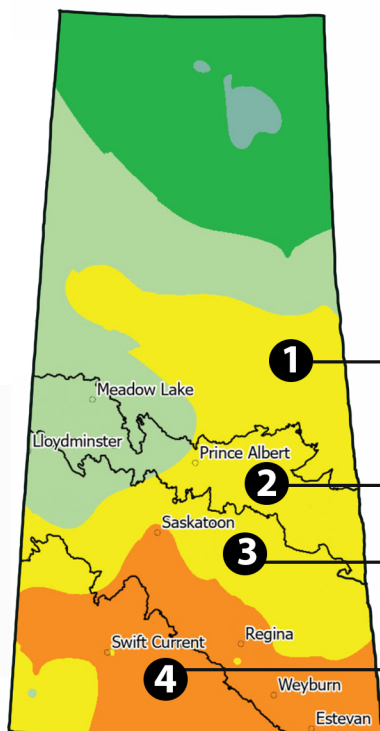
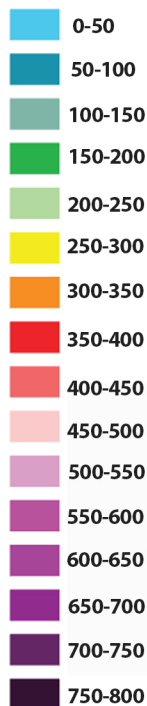
Sufficient degree days have accumulated in southern Saskatchewan to support the emergence of the second generation of *Culex* spp. mosquitoes.



Take precautions to avoid mosquito bites. Use mosquito repellents, cover up, and limit time outside during peak times of mosquito activity (dusk to dawn).



Degree Day Accumulation (Base 14.3°C) to August 1, 2026



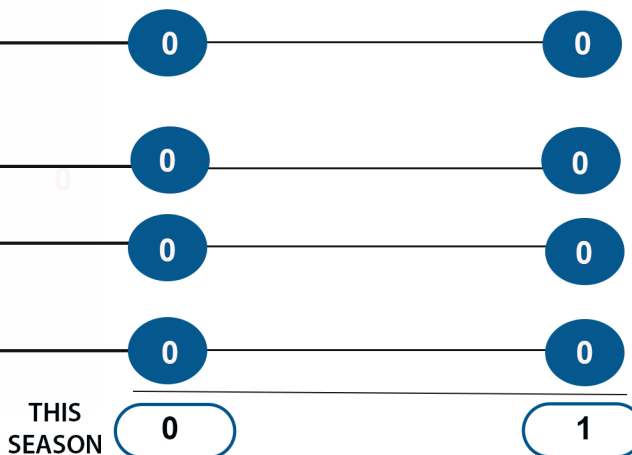
The recent heat wave has resulted in rapid degree day accumulation across Saskatchewan, with most areas reaching 250-300 degree days and some southern areas accumulating 300-350 degree days. This threshold supports the emergence of second-generation *Culex* mosquitoes, which are generally the most numerous and are primarily responsible for transmitting WNV to humans.



Number of WNV-positive horses, July 19 - Aug.1, 2026



Number of WNV-positive birds, July 19 - Aug.1, 2026



Human surveillance

July 19-Aug 1, 2026

0

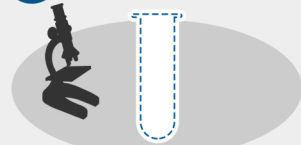
WNV positive lab tests

0

cases of WNV neuroinvasive disease

0

deaths due to WNV



THIS SEASON

0 positive lab test*

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.