

Mosquito Surveillance Report: Week of August 30th

Highlights & Average Trap Counts

A total of 21 mosquitoes were caught throughout Western Manitoba during the week of August 16th with an overall average of 2 mosquitoes per trap per night. In 2020, an average of 11 mosquitoes were caught per trap per night for the same week (Table 1).

Table 1. The average number of mosquitoes trapped per trap per night in each community for the week of **August 30th, 2021**. The 2020 average trap counts for the same week have also been included. N.D. = no data.

Community	2021 Average Trap Count	2020 Average Trap Count
Boissevain	0	15
Brandon	3	35
Carberry	1	9
Cypress River	0	N.D.
Killarney	N.D.	3
Shoal Lake	1	19
Souris	3	4
Virden	4	N.D.

Mosquito Species

A total of 19 mosquitoes representing 4 mosquito species that are capable of transmitting pathogens to humans were identified from the mosquitoes collected this week (Table 2).

Aedes vexans was the most numerous mosquito species identified representing 58% of those identified. *Culex tarsalis* followed behind, representing 26% of mosquitoes identified.

Table 2. The numbers of 4 mosquito species caught throughout Manitoba during the week of **August 30th, 2021**.

Species	Brandon	Carberry	Shoal Lake	Souris	Virден	Total
<i>Ae. dorsalis</i>	0	0	0	1	0	1
<i>Ae. vexans</i>	5	0	1	0	5	11
<i>An. earlei</i>	0	0	1	1	0	2
<i>Cx. tarsalis</i>	1	1	0	2	1	5
Total	6	1	2	4	6	19

Table 3. The average number of *Culex tarsalis* identified per trap for each community during the week of **August 30th, 2021**. N.D. = no data.

Location	Average Number of <i>Cx. tarsalis</i>
Boissevain	0
Brandon	0.5
Carberry	1
Cypress River	0
Killarney	N.D.
Shoal Lake	0
Souris	1
Virден	0.5