

West Nile Virus in Peel Sept. 5 – 11, 2010

West Nile Virus Surveillance 2010	Week of Sept. 5 – 11, 2010				Year to Date			
	Total	Brampton	Caledon	Mississauga	Total	Brampton	Caledon	Mississauga
WNV-Positive Mosquito Pools	1	0	0	1	12	5	0	7
Confirmed Human Cases	0	0	0	0	0	0	0	0

Surveillance

The adult mosquito surveillance program started on June 14, 2010. Adult mosquitoes will be collected weekly from mosquito traps at 31 fixed locations throughout the region of Peel until late September. To date, 989 mosquito batches have been tested for WNV and 12 have tested positive.

This week, one batch tested positive. The batch was collected in Mississauga in a trap near Lakeshore Road West and Lorne Park Road.

Region of Peel – Public Health has received one stagnant water report from Peel residents this week.

There have been no human cases of WNV reported in Peel.

Mosquito Reduction

The larviciding program started on June 1, 2010 and will continue until September 30, 2010. Larviciding involves applying environmentally friendly products to reduce mosquito larvae (immature mosquitoes) living in stagnant water. The products are applied to municipal catch basins and selected sites on public property.

The fourth and final round of catch basin larviciding was completed on August 26.

Larviciding of catch basins in the green spaces of parks in Peel has been completed. The treatment of surface water sites on public lands is ongoing.

Public Education

Throughout August and September, the risk of WNV infection is at its highest. Residents are encouraged to continue using personal protection measures, such as:

- Avoiding areas with large numbers of mosquitoes
- Wearing light-coloured clothing, including long sleeves, long pants, socks and a hat whenever you are outdoors (even when you are in your backyard), especially at dusk and at dawn
- Using only those personal insect repellents that are registered for use in Canada and applying the repellent according to the manufacturer's directions
- Removing areas of standing water around your house

For more tips, please visit www.peel-bugbite.ca.

WNV in Ontario

To date, there have been 47 WNV-positive mosquito batches reported in Ontario, including 18 in Toronto, 12 in Peel region, seven in Windsor-Essex County, three each in Halton Region and Waterloo, two in Middlesex-London and one each in Durham Region and Hamilton. There have been no human cases of WNV illness reported in Ontario.

WNV in Canada

This week the first human cases of WNV were reported in Canada. Saskatchewan has two human cases and British Columbia has one. To date, there have been 29 WNV-positive mosquito batches reported outside of Ontario. Manitoba has 20 positive batches and Saskatchewan has nine.

WNV in the United States

As of September 7, the CDC is reporting 258 human cases of WNV in the United States, including 77 in Arizona, 38 in New York, 35 in California, 13 each in Nebraska and South Dakota, and 10 in Colorado. There have been six deaths in Arizona related to WNV.

For information on WNV activity in the United States, please see:

http://diseasemaps.usgs.gov/wnv_us_human.html

For more information about WNV and the Region of Peel's WNV Prevention Plan, call 905-799-7700, from 8:30 a.m. to 4:30 p.m. Monday to Friday. Caledon residents call toll free at 905-584-2216.



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