



West Nile Virus in Peel Sept. 12 – 18, 2010

West Nile Virus Surveillance 2010	Week of Sept. 12 – 18, 2010				Year to Date			
	Total	Brampton	Caledon	Mississauga	Total	Brampton	Caledon	Mississauga
WNV-Positive Mosquito Pools	1	0	0	1	13	5	0	8
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, 1,074 mosquito batches have been tested for WNV and 13 have tested positive.

This week, one batch tested positive. The batch was collected in Mississauga in a trap near Cawthra Road and the Q.E.W.

Region of Peel – Public Health has received two stagnant water reports 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 54 WNV-positive mosquito batches reported in Ontario, including 19 in Toronto, 13 in Peel Region, 10 in Windsor-Essex County, four in Halton Region, 3 in Waterloo, 2 in Middlesex-London and one each in Durham Region, Niagara Region and Hamilton. There have been no human cases of WNV illness reported in Ontario.

WNV in Canada

To date, there have been three human cases of WNV and 29 WNV-positive mosquito batches reported outside of Ontario. British Columbia has one human case, Saskatchewan has two human cases and nine positive mosquito batches, and Manitoba has 20 positive mosquito batches.

WNV in the United States

To date there have been 381 human cases of WNV in the United States, including 82 in Arizona, 62 in New York, 38 in California, 37 in Colorado and 24 in Texas. There have been 12 deaths related to WNV, including six in Arizona, two each in New York and Texas, and one each in Florida and Nebraska.

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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