

West Nile Virus Surveillance Summary #6 Thursday, August 23, 2007

WNV Activity in BC

(Data as of Aug 22, 2007)

Second imported case of WNV was identified Friday August 10th, through blood donor screening.

- Fraser Health resident with travel history to Winnipeg the week before blood donation.
- Presented with mild symptoms but is now well.
- Both cases to date have been in Fraser Health and identified through blood donor screening.

From June 1 st , 2007	Human Cases ¹	Birds Tested	Birds reported on-line	Mosquito pools
# Tested	218	574	455	2030
# Positive	2(*2)	0		0

¹includes routine screening of CSF, organ and stem cell donations in addition to physician test requests

* The number of cases in brackets denotes the number of cases considered to be travel-related. For example, 6 (*2) would indicate a total of 6 probable cases, 2 of which are travel-related.

Maps and graphs of BC surveillance data can be found at: <http://www.bccdc.org/content.php?item=373>

3-month Environment Canada climate predictions for BC

The Aug-Sep-Oct temperature forecast is above normal for all of BC (and Canada).

http://www.weatheroffice.ec.gc.ca/saisons/image_e.html?img=sfe1t_s

The Aug-Sep-Oct precipitation forecast is above normal for central BC, and below normal for the southeast and northeast corners of the province.

http://www.weatheroffice.ec.gc.ca/saisons/image_e.html?img=sfe1p_s

Accumulated base 16 °C growing degree days comparison for select BC communities

August 21st	2007	2006	2005	2004	2003	30YR
Cranbrook	411	390	284	345	436	251
Creston	566	509	408	493	565	319
Osoyoos	631	630	627	759	717	496
Kamloops	533	601	530	677	610	436
Abbotsford	264	311	309	407	324	197
Vancouver	196	220	219	306	249	152
Victoria	183	216	221	277	238	137
Prince George	183	222	174	257	186	131

WNV Activity in Canada

(Data as of August 22, 2007)

Alberta has reported 36 new human cases in the last two weeks with the majority of cases in the southern half of the province; increased mosquito pools have also been detected in this region. Two equine cases have also been reported in south central Alberta. Saskatchewan has reported 25 new human cases in the last two weeks; and human cases in Manitoba continue to rise (65 new human cases in the last 2 weeks). A second human death has been reported in Manitoba in a 70-year old man with WNV neurological infection. High average trap counts of *Cx. tarsalis* continue to be reported in Manitoba, Saskatchewan, Alberta and BC this year. Two new adult mosquito control orders have been issued in the southern part of the province; orders continue to be implemented in 7 other southern Manitoba communities.

