



West Nile Virus Surveillance



West Nile Virus Surveillance Summary #2 Thursday, June 25, 2009

WNV Activity in BC (Data as of June 24, 2009)

No WNV activity has been identified in BC to date.

The BCCDC webpage on West Nile can be viewed directly at: http://www.bccdc.ca/dis-cond/az/_w/WestNileVirus/default.htm

From June 1 st , 2009	Human Cases*	Corvids submitted	Corvids sighted	Mosquito pools
# Tested	16	0	101	195
# Positive	0	0		0

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

Maps and graphs of BC surveillance data can be found at: http://www.bccdc.ca/dis-cond/az/_w/WestNileVirus/Surveillance/WNV2009SurveillanceData.htm

3-month Environment Canada climate predictions for BC

The 3 month (June-August) temperature forecast calls for above normal temperatures for all of BC. http://www.weatheroffice.gc.ca/saisons/image_e.html?img=sfe1t_s

The 3 month precipitation forecast calls for below normal precipitation on Vancouver Island and along the central coast, and above normal precipitation in the south Okanagan region and northern BC. http://www.weatheroffice.gc.ca/saisons/image_e.html?img=sfe1tm1_s

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

June 22nd	2009	2008	2007	2006	2005	2004	2003	30YR
Cranbrook	84	64	79	80	63	64	76	41
Creston	120	89	126	109	99	105	109	66
Osoyoos	212	163	190	171	217	236	203	142
Kamloops	187	135	160	157	175	194	160	119
Abbotsford	109	52	67	76	97	117	79	36
Vancouver	71	27	40	45	45	74	49	21
Victoria	69	31	39	48	63	80	60	20
Prince George	56	36	52	65	82	65	46	20

All communities are experiencing increased accumulated degree days compared to the past 3 years and 30 year average.

WNV Activity in Canada

(Data as of June 24, 2009)

No WNV activity has been reported by provinces and territories at this time.

	Human Cases (probable/confirmed /unclassified/asymp)	Positive Corvids (confirmed)	Positive Mosquito pools	Positive Equine Cases
BC	0	0	0	0
Alberta	0	0	0	0
Saskatchewan	0	0	0	0
Manitoba	0	0	0	0
Ontario	0	0	0	0
Quebec	0	0	0	0
Total	0	0	0	0

WNV Activity in the US

- Washington:
 - There have been 15 positive pools reported in Washington State. 14 have been reported in Yakima county and 1 in Benton county. Both affected counties are in the southern part of the state.
 - There have been no other positive indicators.
- Oregon:
 - No activity as of June 24, 2009.
- California:
 - 14 counties are reporting WNV activity throughout the state, mainly in the central or southern parts of California, one county in the north has reported activity. Fewer counties have reported activity and indicators are lower than the same time in the 2008 season.
 - There have been no human cases reported, which is similar to the 2008 season at this time.
 - Positive indicators: 60 dead birds, 68 mosquito pools, 3 sentinel chicken flocks and 1 squirrel.

Other US states reporting WNV activity:

Data as of June 24; Sources: USGS survey

One human case of WNV has been reported in the US in 2009 in South Dakota.

