



## West Nile Virus Surveillance

West Nile Virus Surveillance Summary #3  
Thursday, July 9, 2009**WNV Activity in BC**  
(Data as of July 8, 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/a-z/\\_w/WestNileVirus/default.htm](http://www.bccdc.ca/dis-cond/a-z/_w/WestNileVirus/default.htm)

From June 1 <sup>st</sup> , 2009	Human cases*	Corvids submitted	Corvids sighted	Mosquito pools
# Tested	37	29	144	418
# 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/a-z/\\_w/WestNileVirus/Surveillance/WNv2009SurveillanceData.htm](http://www.bccdc.ca/dis-cond/a-z/_w/WestNileVirus/Surveillance/WNv2009SurveillanceData.htm)**3-month Environment Canada climate predictions for BC**The 3 month (July-September) temperature forecast calls for above normal temperatures for all of BC.  
[http://www.weatheroffice.gc.ca/saisons/image\\_e.html?img=sfe1t\\_s](http://www.weatheroffice.gc.ca/saisons/image_e.html?img=sfe1t_s)The 3 month precipitation forecast calls for below normal precipitation for all of BC.  
[http://www.weatheroffice.gc.ca/saisons/image\\_e.html?img=sfe1p\\_s](http://www.weatheroffice.gc.ca/saisons/image_e.html?img=sfe1p_s)**Accumulated base 16 °C growing degree days comparison for select BC communities**

July 7 <sup>th</sup>	2009	2008	2007	2006	2005	2004	2003	30YR
Cranbrook	132	136	147	166	95	107	127	75
Creston	191	183	215	218	144	171	183	110
Osoyoos	304	278	282	299	300	358	311	209
Kamloops	254	240	245	283	235	311	240	177
Abbotsford	149	108	106	138	128	162	123	61
Vancouver	96	68	71	90	73	118	88	41
Victoria	99	70	66	94	89	117	96	39
Prince George	69	78	75	126	97	104	72	38

Communities are continuing to experience increased accumulated degree days compared to last year and the 30 year average. Most notable increases continue to be in Abbotsford, Vancouver and Victoria.

**WNV Activity in Canada**

(Data as of July 8, 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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 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 July 8, 2009.
- California:
  - 19 counties are reporting WNV activity throughout the state, activity continues to be mainly in the central or southern counties, one county in the north has reported activity. The number of counties reporting activity is similar to the same time in the 2008 season. There has been a decreased number of dead birds reported and a slight increase in the number of positive mosquito samples and sentinel chickens.
  - There have been no human cases reported; at this point in 2008 California had reported 1 human case.
  - Positive indicators: 88 dead birds, 97 mosquito pools, 5 sentinel chicken flocks and 1 squirrel.

### Other US states reporting WNV activity:

Data as of Jul 7; Sources: USGS survey

15 states have reported WNV activity; this is an increase from two weeks ago when 8 states were reporting activity. Six human cases of WNV have been reported in the US in 2009. Arizona, Arkansas, Idaho, Nevada, South Dakota and Texas each reported one case. The closest activity to Canada is in Washington, Idaho.

