

## Florida Mosquito-Borne Disease Summary for the Week of February 15-21, 2009

Elizabeth Radke, MPH, Kristina Weis, Ph.D., Danielle Stanek, D.V.M, Carina Blackmore, D.V.M, Ph.D.

During the period February 15-21, 2009, the following arboviral activity (St. Louis encephalitis virus [SLEV], Eastern equine encephalitis virus [EEEV], Highlands J virus [HJV], West Nile virus [WNV], California encephalitis group viruses [CEV]) was recorded in Florida:

EEEV activity: There was one seroconversion to EEEV in a sentinel chicken from Walton County this week. One live wild bird captured from Okaloosa County tested positive for antibodies to EEEV.

WNV/SLEV activity: None this week.

HJV activity: None this week.

CEV activity: None this week.

### Advisories/Alerts:

There are currently no counties under mosquito-borne illness alert or advisory.

### Sentinel Chickens:

There was one seroconversion to EEEV from Walton County.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Walton (North)	1/15/2009			2.7		1 EEE

### Live Wild Birds:

Out of 60 live birds collected from three counties on February 3-12, one blue jay from Okaloosa County tested positive for antibodies to EEE virus.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Okaloosa	2/10/09	1			1 Blue Jay	1 out of 21	NA

### Dead Bird Reports:

The Fish and Wildlife Conservation Commission (FWC) collects reports of dead birds, which can be an indication of arbovirus circulation in an area. This week, 13 reports representing 34 dead birds were received from ten counties. One was identified as a jay and three as raptors. None were identified as crows. Please note that FWC collects reports of birds that have died from a variety of causes, not only arboviruses. Dead birds should be reported to [www.myfwc.com/bird/](http://www.myfwc.com/bird/). See the web page for more information: <http://www.doh.state.fl.us/Environment/medicine/arboviral/index.html>