

## Florida Mosquito-Borne Disease Summary for the Week of January 4-10, 2009

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

During the period January 4-10, 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: Three EEEV-confirmed positive horses were reported from Baker, Madison, and Volusia counties. One live wild bird captured from Okaloosa County tested positive for antibodies to EEEV this week.

WNV/SLEV activity: None this week.

HJV activity: None this week

CEV activity: None this week.

### Mammals:

Three horses tested positive for EEEV this week in Baker, Madison, and Volusia counties. These were the first for each of these counties and the state this year.

County	Onset Date	Species	SLE	WNV	EEE	Status
Baker	12/31	Horse			1	Euthanized
Madison	12/31	Horse			1	Euthanized
Volusia	01/03	Horse			1	Euthanized

### Live Wild Birds:

Out of 32 live birds collected from three counties over a one-week period (Dec. 28-Jan. 03), one cardinal from Okaloosa County tested positive for antibodies to EEE virus.

County	Collection Date	EEEV	EEEV-Flavi*	Flavi	Species	EEEV Rate	Flavi Rate
Okaloosa	12/29	1			1 Cardinal	1 out of 11	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, 7 reports representing 40 dead birds were received from 6 counties. None were identified as a jay, 23 were identified as a crow, and one was identified as a raptor. 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/community/arboviral/index.html>. The Disease Outbreak Information Hotline offers recorded updates on medical alert status and surveillance at 888.880.5782.