

## Florida Mosquito-Borne Disease Summary for the Week of April 5-11, 2009

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During the period April 4-11, 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: One EEEV-confirmed positive horse was reported from Volusia County. There was one seroconversion to EEEV in a sentinel chicken from Orange County.

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.

### Mammals:

One horse tested positive for EEEV this week in Volusia County. This was the second for this county and the sixth for the state this year.

County	Onset Date	Species	SLE	WNV	EEE	Status
Volusia	4/1/09	Equine			1	Euthanized

### Sentinel Chickens:

There was one seroconversion to EEEV in a sentinel chicken from Orange County.

County	Collection Date	Seroconversion Rates				By County, Week and Virus
		SLEV	WNV	EEEV	HJV	
Orange	3/26/09			0.84		1 EEEV

### 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, three reports representing twelve dead birds were received from seven counties. None were identified as crows, jays, or raptors. 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>