



**Brevard County  
Emergency Operations Center**

**Contact Information:**  
 General Public: 2-1-1 Hotline  
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**FLASH REPORT #16-05  
July 29, 2016 / 1230 hrs**

Incident Name <b>Zika Virus</b>	Brevard County EOC Status <b>Level 3 – Monitoring</b>	State of Florida EOC Status <b>Level 3 – Monitoring</b>
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**Current Event Status**

**Updated Information**

- The Florida Department of Health has confirmed four mosquito-borne cases of the Zika virus in Miami-Dade and Broward Counties. These four cases are not travel-related or sexually-transmitted, but have been acquired within the state.
- The State’s Declaration of Public Health Emergency has been expanded to 29 counties, including Brevard.
- There have been a total of 331 cases in Florida (not including pregnant women) with 8 in Brevard.
- There have been a total of 55 cases of Zika involving pregnant women in Florida, and none in Brevard.

**Event Overview**

- Zika, a virus transmitted by mosquitoes, has been identified across Central and South America.
- A Zika Virus Information Hotline (855-622-6735) has been established by the Florida Department of Health to answer questions for Florida residents and visitors, as well as anyone planning on traveling to Florida in the near future.
- Symptoms of Zika may include: acute onset of low-grade fever, rash, joint pain, conjunctivitis (reddening of eye), body aches, headache, eye pain, and vomiting. Symptoms typically develop between 2 and 14 days after the initial mosquito bite.
- According to the CDC, symptoms associated with the Zika virus last between 7 to 10 days.
- The CDC has confirmed the link between the Zika virus and microcephaly.
- The CDC has advised pregnant women to see their healthcare provider if they develop a fever, rash, joint pain, or red eyes within 2 weeks after traveling to a place where Zika has been reported.

**Areas Affected**

- There have been 331 travel-associated cases (defined as disease believed to be contracted outside of the state) in Alachua (5), Brevard (8), Broward (55), Charlotte (1), Citrus (2), Clay (3), Collier (4), Duval (6), Escambia (2), Highlands (1), Hillsborough (10), Lake (1), Lee (6), Manatee (1), Martin (1), Miami-Dade (99), Okaloosa (2), Okeechobee (1), Orange (40), Osceola (18), Palm Beach (18), Pasco (6), Pinellas (7), Polk (12), Santa Rosa (1), Seminole (12), St. Johns (3), St. Lucie (1), and Volusia (5) counties.

**Local Considerations**

**Local Information**

- The Zika mosquitoes (*Aedes aegypti* or *Aedes albopictus*) are container-breeding mosquitoes; elimination of standing water – in pots, abandoned pools, bird baths, old tires, etc. – around homes and businesses is the most effective method of control.
- These mosquitoes are not produced in wetlands or other typical habitats – roadside ditches, retention ponds, swales -- normally associated with mosquito production.
- Mosquito control donuts (larvicide slow release tablets) are available for purchase at home improvement stores. They assist with controlling mosquito breeding in areas of stagnant waters (bird baths, abandoned pools, etc.) and last for approximately 30 days.

**Local Impacts**

- *Aedes aegypti* and *Aedes albopictus* mosquitoes, which can carry the Zika virus, are commonly found within Brevard County and addressed through standard mosquito control efforts.
- The *Aedes* mosquitoes, which can carry the Zika virus, are daytime feeders, take cover by nightfall and do not travel far.

### Local Activities

- Brevard County Mosquito Control is trapping and testing mosquitoes and have found no indications of the Zika virus.
- Natural Resources/Mosquito Control and Emergency Management will continue to coordinate with the Florida Department of Health on informational updates.
- Enhanced mosquito control protective actions have been implemented in Brevard County to combat container-breeding mosquitoes.
- Mosquito Control will treat stagnant swimming pools in both unincorporated and incorporated areas. They can be reached at (321) 264-5032.
- University of Florida/IFAS is willing to provide Zika presentations if requested. They can be reached at (321) 633-1702.
- Brevard County Fire Rescue Communications Center/Dispatch has implemented a specialized screening process for potential Zika virus exposure patients, similar to what was utilized for the potential Ebola threat.

### Protective Measures

- In order to mitigate the risk of Zika in Brevard County, it is important to limit/reduce the numbers of mosquitos by eliminate standing water which would serve as mosquito breeding grounds.
- If mosquitoes are observed, survey the area for open containers of standing water where the mosquitos may be reproducing, and notify Natural Resources/Mosquito Control at 321-264-5032.
- To reduce the likelihood of mosquito bites, wear mosquito repellent with DEET, cover up with clothing, and shield windows and rain barrels with screens.

### Additional Information

These websites can be shared or utilized to find additional information about Zika:

- <http://www.brevardcounty.us/MosquitoControl/Home>
- <http://www.embrevard.com>
- <http://www.floridahealth.gov/diseases-and-conditions/zika-virus/index.html>
- <http://www.cdc.gov/zika/fs-posters/index.html>
- <http://www.cdc.gov/zika/disease-qa.html>
- <http://fme1.ifas.ufl.edu/>

### Next Update

Will be provided as needed.

### Approval Information

Approved By	Michele Jones	Date	07/29/16
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### Stay Informed via Social Media

As a reminder, this information is for internal planning and distribution, and should not be released to the public or posted on social media. Shareable social media graphics are available via the below platforms.

Brevard County Emergency Management is also providing updates via the following social media accounts:

**Twitter:**

@BrevardEOC

**Facebook:**

<http://www.facebook.com/BrevardEOC>

**Text Message Updates:**

Text *Follow BrevardEOC* to 40404

**Flash reports will be used during monitoring of an event.** The information contained in this flash report is to inform public safety agencies and is not intended for general public or media distribution. The information within this report has been provided by the National Weather Service Melbourne and Brevard County Emergency Management. The general public may be referred to the Brevard County Disaster Hotline by dialing 2-1-1; the media may be referred to the PIO.