

Operational Response

ZIKA VIRUS

**CORAL
GABLES**
THE CITY BEAUTIFUL

ZIKA VIRUS TIMELINE²

- January 25, 2016 – Office of the Governor of the State of Florida Declared a Public Health Emergency in Miami-Dade, Hillsborough, Lee, and Santa Rosa counties
 - 3 travel related cases in Florida, 2 of which were in Miami-Dade County
- January 26, 2016 – Miami-Dade County Emergency Operation Center issued Flash Report #1 on Zika Virus – Monitoring the Virus

CITY'S IMMEDIATE RESPONSE

February 2016

- City Commission adopted Emergency Ordinance No. 2016-07 amending City Code Chapter 34 adding *Section 11 Mosquitos* - Establishing a Fine for Failure to Cure a Mosquito Infestation
- Coordinated with Village of Palmetto Bay to address potential mosquito breeding site at Florida Power and Light (FPL) property
- City Staff met to discuss and develop an Operational Plan in response to initial Zika reports
- Code Enforcement began to prioritize Standing Water complaints and thorough inspections
- External and Internal Communications
 - *Zika Virus Advisory* page created under Latest News on City of Coral Gables website.
 - E-news: *Tips - Protect Yourself Against Mosquito Bites*
 - Flyer distributed with information from Florida Department of Health by email and posted in common areas to inform City employees

OPERATIONAL PLAN

ZIKA VIRUS

Late July/ Early August 2016

- Florida Department of Health confirmed non-travel related case of Zika virus in Miami-Dade County
- City of Coral Gables Emergency Management Operational Plan developed – Zika Virus Response

Public Protection

- Provide for public protection by the control/prevention of the transmission of Zika Virus through mosquito bites.

Communication

- Provide for public education campaigns that identify and address area that contribute to the breeding of mosquito.
- Provide for public education campaigns to reduce the risk of acquiring infection through mosquito bite prevention methods.

Surveillance/Management

- Identify and mitigate mosquito breeding areas throughout the City of Coral Gables.

Employee Protection

- Provide for employee health and safety by providing education and protective measures that reduce the instances of transmission of virus through mosquito bites.

OPERATIONAL PLAN

ZIKA VIRUS

PUBLIC PROTECTION/SURVEILLANCE & MANAGEMENT

Public Works/Code Enforcement/Parks/ Building & Zoning efforts:

- Treating catch basins and fountains with mosquito dunks
 - 2,419 catch basins Citywide, 450 treated to date, which lasts upto 30 days
- Flushing bromeliads on City property weekly
- Ensuring garbage cans lids are properly secured and recycle bins are turned over
- Monitoring, identifying, reporting and abating potential mosquito breeding areas in vacant properties, reported properties, and residential and commercial construction sites
- Higher frequency of inspections of vacant property, and residential and commercial construction sites
- GovQA – created categories for reporting standing water on both Public and Private property
- Prioritizing reports of standing water
- Inspecting City facilities for standing water
- Focusing on identifying and addressing areas of potential mosquito breeding in the Business District (catch basins, grease traps, and drains)

OPERATIONAL PLAN

ZIKA VIRUS

COMMUNICATION

- Communicating consistent messaging to Residents and Businesses: *Drain, Cover and Repel*
- Continuous Update of *Zika Virus Advisory* webpage under Latest News on City of Coral Gables Website
- E-news: *Around Town - Drain & Cover: Keeping Zika Out of Coral Gables*
- Posters with information from Florida Department of Health posted throughout City and Public Facilities, including Coral Gables Museum, Library, Parking Attendant Booths, and Publix.
- Partnered with University of Miami Emergency Management Crime Watch, Security Guards, Civic Groups, HOA's, and Community Affairs to distribute flyers and information.
- Door hangers distributed door-to-door to all single-family residents, multi-family residents, and commercial properties throughout the City. (combined effort of Police, Fire, Sanitation, Parking, Building Officials and Code Enforcement)
- Visual Message Signs (VMS) placed at North and South end of City with preventative messaging.
- CGTV - 2-minute Zika alert video in both English and Spanish and available on Facebook, You Tube and aired on CGTV

NEWS AND PRESS RELEASES

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Zika Virus Advisory

Posted Date: 8/10/2016 12:30 AM

The Florida Department of Health is monitoring travel-associated cases of Zika virus, a mosquito-borne illness. On Friday, July 29, the department confirmed Florida's first local transmissions of the Zika virus in four individuals in Miami-Dade and Broward Counties.

The Florida Department of Health believes active transmissions of the Zika virus are occurring in one small area in Miami-Dade County, Wynwood, just north of downtown. The exact location is within the boundaries of the following area: NW 5th Avenue to the west, US 1 to the east, NW/NE 38th Street to the north and NW/NE 20th Street to the south. This area is about one square mile and remains the only area of the state where the department has confirmed there are local transmissions of Zika.

CDC recommends that women who are pregnant or thinking of becoming pregnant postpone travel to areas with widespread Zika infection. Florida's small case cluster is not considered widespread transmission, however, pregnant women are advised to avoid non-essential travel to the impacted area in Miami-Dade County. If you are pregnant and must travel or if you live or work in the impacted area, protect yourself from mosquito bites by wearing insect repellent, long clothing and limiting your time outdoors.

New! The Department of Health will be providing Zika Virus testing to all women who are pregnant, free of charge, at their Clinic located at: 1350 NW 14 St. Miami, FL 33126. Testing will be available with no appointment necessary Monday through Friday during the hours of: 08:00 - 3:30 pm. For further information, expectant Mothers may call and leave a message with their name and contact information to 305-324-2400.

The most common symptoms of Zika virus disease are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is usually mild with symptoms lasting from several days to a week. It is a serious concern for women who are pregnant or may become pregnant.

Avoiding mosquito bites is the best way to prevent all mosquito-borne disease, and there are simple steps to reduce the chance of being bitten. Practice "drain and cover" at home, but also when you're traveling, particularly to areas such as the Caribbean, Central America and South America.

What the City of Coral Gables is Doing:

City Crews are on special assignment clearing catch basins of debris throughout the City of Coral Gables. This effort is being done to prevent standing water and potential mosquito breeding. Efforts to clear catch basins continue.

The City of Coral Gables is also conducting a public awareness campaign to inform residents and visitors about effective ways to prevent mosquito bites. Informational flyers in English and Spanish are being distributed in various city facilities and to city employees to use for their own information and to distribute when in contact with the public. [Click here to read the Mosquito Bite Prevention flyer in English.](#) [Selecciones aquí para leer información en español.](#)

What You Can Do to Help:

While the City of Coral Gables is taking proactive measures to prevent mosquito breeding scenarios, we need your assistance. Please help us keep all catch basins clean in your neighborhood to prevent mosquito breeding in standing water. Residents can help keep catch basins clear of debris by disposing of leaves and other yard waste properly. Make sure that there are no leaves, sticks or twigs logging the catch basins and check periodically to ensure that the catch basins are clear. Make sure your yard company also disposes of the yard waste properly and away from any catch basins in the neighborhood.

Please report to us areas of standing water. Here's how:

ON PUBLIC PROPERTY: The City of Coral Gables Public Works Department will address complaints of standing water on public property such as City properties and right-of-ways: swales, streets or sidewalks. Concerns can be emailed to pubdept@coralgables.com or you may call 305-460-5000 between 8 a.m. and 5 p.m. Monday through Friday. You can also make online reports through [Customer Connect](#) and the [City App](#). [Watch a tutorial here on how to use Customer Connect.](#)

ON PRIVATE PROPERTY: For issues about pools and ponds that have stagnant water on private property, please call Coral Gables Code Enforcement's Hotline at 305-441-5777 from 7:30 a.m. to 7 p.m. (Monday through Friday) and from 7:30 a.m. to 4 p.m. (Saturday and Sunday).

AFTER-HOURS OR WEEKENDS: To report standing water on public or private areas during after-hours or weekends, please contact the Police Department non-emergency number at 305-442-1600.

Please help us stop mosquitos from breeding. Here's how:

Mosquitos breed by laying eggs in and near standing water. As little as one teaspoon or bottle cap of water standing for more than one week is enough for mosquitos to breed and multiply. At least once a week, empty, turn over or cover anything that could hold water: tires, buckets, toys, pools and pool covers, birdbaths, trash, trash containers and recycling bins, boat or car covers, roof gutters, coolers or pet dishes.

Miami-Dade County provides mosquito control services for Coral Gables residents. If you are experiencing an issue, you are encouraged to call 311, or [report the problem online here.](#)

Important Contact Information

Zika Virus Information Hotline: 1-855-622-6735
Miami Dade County Information: 311
Coral Gables Non-Emergency Number: 305-442-1600

[Florida Department of Health Zika Information](#)

[Mosquitoes and bromeliads](#)

[Mosquito Bite Protection in Florida](#)

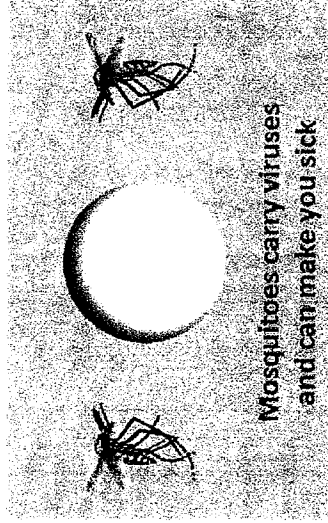
[Centers for Disease Control and Prevention – Stop Mosquitoes](#)

[Centers for Disease Control and Prevention – Zika and Pregnancy](#)

[What you need to know about aerial spraying](#)

DOOR HANGERS

- Door hangers distributed door-to-door through out the City to:
 - single-family residents,
 - multi-family residents, and
 - commercial properties



Mosquitoes carry viruses and can make you sick

Prevent mosquito bites



Use insect repellent



Wear long-sleeved shirts and long pants



Keep mosquitoes outside

Control mosquitoes around your home and business

DRAIN AND COVER!

DRAIN: Once a week: empty, turn over or protect anything that could hold water.

COVER: Your skin with clothing and repellent. Keep mosquitoes out: cover doors and windows with screens.

Preventing Mosquitoes in Bromeliads:

Flush, coat with oil, or treat with a safe larvicide.

TO REPORT AREAS OF STANDING WATER

Public Property: For City Properties and right-of-ways, please contact Public Works at 305-460-5000.

Private Property: For issues about pools and ponds, please contact Code Enforcement at 305-441-5777.

After Hours or Weekends: Contact Coral Gables Police non-emergency at 305-442-1600.

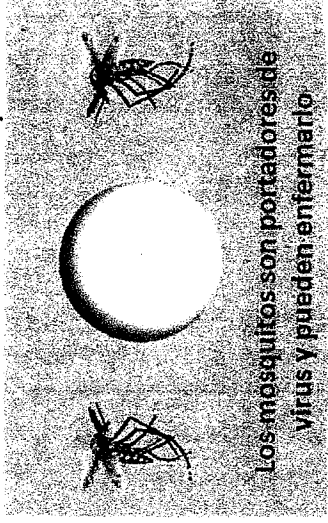
Spraying: County residents experiencing a mosquito nuisance are encouraged to call 311 for spraying services.

www.cdc.gov/ Zika

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Visit us on the web at coralgables.com

Printed on recycled paper. Please recycle.



Los mosquitos son portadores de virus y pueden enfermarlo

Evite las picaduras de mosquitos



Use repelente de insectos



Use camisas de mangas largas y pantalones largos



No deje entrar a los mosquitos

Controle los mosquitos en su casa y negocio

¡DESOCUPE Y CUBRA!

DESOCUPE: Una vez a la semana, desocupe, voltee, o proteja cualquier objeto que pueda acumular agua.

CUBRA: Su piel con ropa y repelente. Cubra puertas y ventanas para mantener los mosquitos afuera.

La prevención de mosquitos en bromelias:

Enjuague, cubra con aceite, o aplique un larvicida apropiado.

PARA REPORTAR AGUA ESTANCADA

En Propiedad Pública: Para propiedades de la ciudad y áreas públicas llame al Departamento de Obras Públicas de la Ciudad de Coral Gables al 305-460-5000.

En Propiedad Privada: Para reportes de piscinas y agua estancada llame al Code Enforcement 305-441-5777.

Después de horas y fines de semana: Llame al número de emergencia del Departamento de Policía al 305-442-1600.

Fumigación: Los residentes del condado con problemas de mosquitos deben llamar al 311 para servicios de fumigación.

www.cdc.gov/zika

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Visítanos en el web en coralgables.com

Impreso en papel reciclado. Por favor recicle.

Stop mosquitoes from breeding

Mosquitoes breed by laying eggs in & near standing water. A little as one teaspoon or bottle top of water standing for more than one week is enough for mosquitoes to breed and multiply.

At your house or business:
Put away items that are outside and not being used because they could hold standing water.

In your garden:
Keep flower pots and saucers free of standing water. Some plants hold water in their leaves—flush out water-holding plants with your hose once a week.

Around all buildings:
At least once a week, empty, turn over or cover anything that would hold water:

- tires
- barrels
- trays
- poles & pool covers
- air conditioning units
- trash, trash containers
- leaf litter
- roof gutters
- catchment
- pot drainage

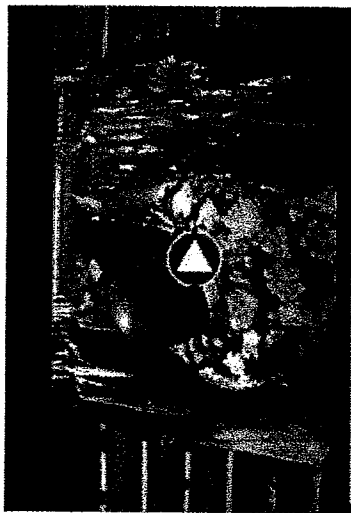
Drain & Cover: Keeping Zika Out of Coral Gables

The City of Coral Gables is stepping up efforts to educate the public and protect its employees from the spread of the Zika virus. City staff began distributing this week informational door hangers to all residences as part of the scheduled recycling pick up service. Citizens are being alerted to "Drain and Cover": Drain once a week all containers that hold water to prevent mosquitoes from breeding, and cover your skin with clothing and repellent with DEET. Code Enforcement staff is patrolling standing water and stagnant pools to prevent pockets of mosquito breeding. Informational Zika prevention posters and flyers are on display and available in all public buildings. If you have bromeliads in your garden, know that they are a favored mosquito breeding spot. To prevent mosquito larvae in your bromeliads, flush the plants weekly, coat them with oil or treat them with a safe larvicide. Report to Public Works any areas of standing water on public property or right-of-ways by calling 305-460-5000. For any issues about pools and ponds on private property, call Code Enforcement at 305-441-5777. For after hours or weekends, contact the Police non-emergency number at 305-442-1600 or via email at pwdepartment@coralgables.com. [Read more...](#)

E-NEWS

Tips

Protect Yourself Against Mosquito Bites



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The Florida Department of Health is monitoring travel-associated cases of Zika virus, a mosquito-borne illness. The most common symptoms of Zika virus disease are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is usually mild with symptoms lasting from several days to a week. There have been no locally-acquired cases. However, avoiding mosquito bites is the best way to prevent all mosquito-borne disease, and there are simple steps to reduce the chance of being bitten. Practice "drain and cover" at home, but also when you're traveling, particularly to areas such as the Caribbean, Central America and South America. [Read more...](#)



Mosquito Bite Protection in Florida

FloridaHealth.gov • Florida Department of Health

Not all mosquitoes are the same. Different mosquitoes spread different viruses and bite at different times of the day. Some mosquito species bite during the day, such as *Culiseta inornata*, *Aedes albopictus*, *Aedes triseriatus*, and *Aedes sollicitans*. Other species of mosquitoes bite most often at dawn and dusk, including those that can transmit West Nile virus.

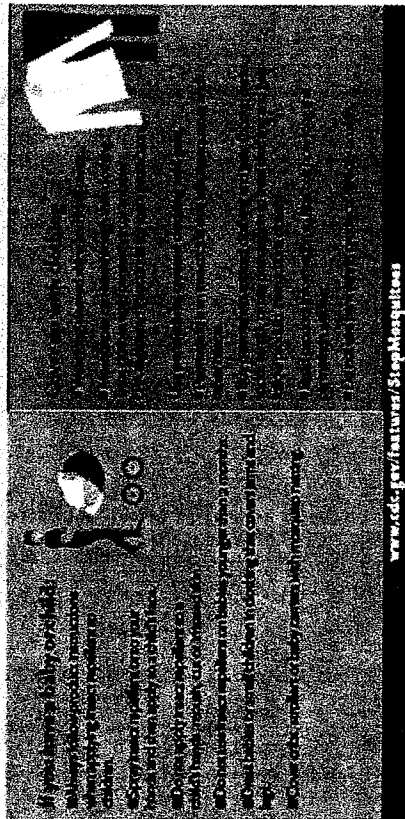
Mosquitoes can live indoors and will bite at any time, day or night.

Use Environmental Protection Agency (EPA)-registered insect repellents

- Wear repellent when you are outdoors. Use products with active ingredients that are safe and effective.
- Always follow the product label instructions.
- Do not spray repellent on skin under clothing.
- Use insecticide sprays, plus sunscreen on face and insect repellent on skin.
- It is safe for pregnant or nursing women to use EPA-approved repellents if applied according to package label instructions.
- Learn more: www.epa.gov/insect-repellents.

USE INSECT REPELLENT WITH ONE OF THESE ACTIVE INGREDIENTS	DEET → →	IR3535 → →	OFF! Citrus Scented Ultrasonic
DEET (N,N-Diethyl-3-methylbenzylcarbamoyl methylamine)	DEET (N,N-Diethyl-3-methylbenzylcarbamoyl methylamine)	DEET (N,N-Diethyl-3-methylbenzylcarbamoyl methylamine)	DEET (N,N-Diethyl-3-methylbenzylcarbamoyl methylamine)
Oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD) → →	Oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD) → →	Oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD) → →	Oil of lemon eucalyptus (OLE) or para-menthane-diol (PMD) → →
Shin-Sol Salt Bug Guard Plus, Active (outside the U.S.)	Shin-Sol Salt Bug Guard Plus, Active (outside the U.S.)	Shin-Sol Salt Bug Guard Plus, Active (outside the U.S.)	Shin-Sol Salt Bug Guard Plus, Active (outside the U.S.)
Repel	Repel	Repel	Repel

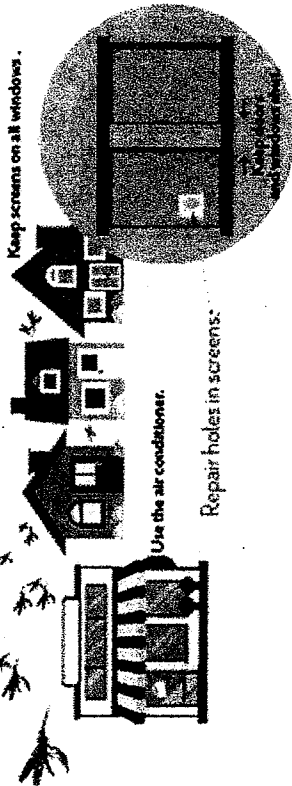
Higher percentages of active ingredients longer protection



www.floridahealth.gov/insects/stop-mosquitoes

Department of Health and Human Services, Florida Department of Health

Keep mosquitoes outside

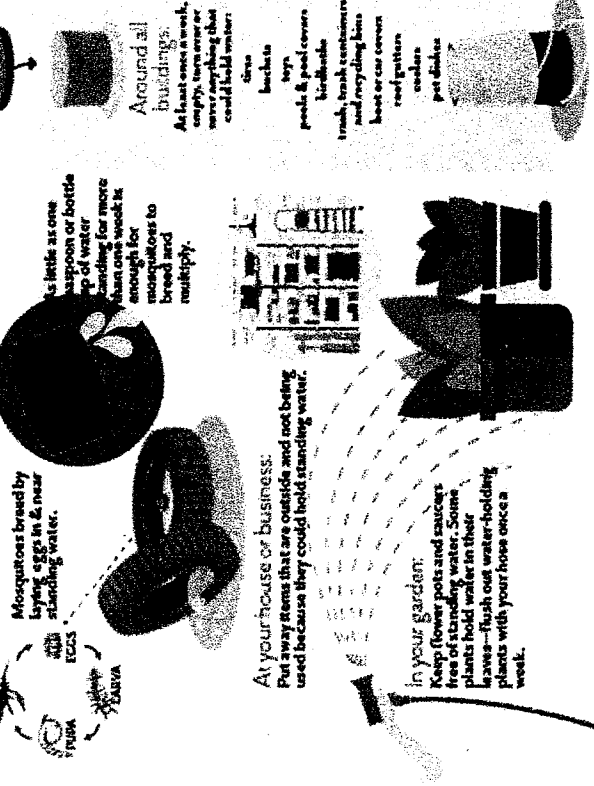


Keep screens on all windows.

Use the air conditioner.

Repair holes in screens.

Stop mosquitoes from breeding



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At your house or business: Put away items that are outside and not being used because they could hold standing water.

In your garden: Keep flower pots and saucers free of standing water. Some plants hold water in their leaves—flush out water-holding plants with your hose once a week.

Around all buildings: At least once a week, empty, turn over or invert anything that could hold water: birdbaths, pools & pool covers, birdbaths, trash, trash containers and recycling bins, boat or car covers, roof gutters, awnings, pet dishes.

TO REPORT AREAS OF STANDING WATER

PUBLIC PROPERTY: The City of Coral Gables Public Works Department will address complaints of standing water on public property (City properties & rights-of-way: sidewalks, streets, sidewalks). Concerns can be emailed to: publicworks@coralgables.com or you may call 305-460-5000 between 8 a.m. and 5 p.m. Monday through Friday.

PRIVATE PROPERTY: For issues about pools and ponds that have stagnant water on private property, please call Coral Gables Code Enforcement HOTLINE: 305-443-3777 from 7:30 a.m. to 7 p.m. (Monday through Friday) and from 7:30 a.m. to 4 p.m. (Saturday and Sunday).

AFTER-HOURS OR WEEKENDS: To report standing water on PUBLIC or PRIVATE areas during after-hours or weekends, please contact the Police Department non-emergency number at 305-442-1500.



Jan Cause, Mayor
Frank C. Quasha, Vice Mayor
Patsy Kow, Commissioner
Vicki Light, Councilmember
James S. Smith, Commissioner

Carly Swanson, Director, City Manager
Craig E. Lutz, City Attorney
William J. Adams, City Clerk
Visit us online: www.coralgables.com

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www.coralgables.com/stopmosquitoes

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OPERATIONAL PLAN

ZIKA VIRUS

EMPLOYEE PROTECTION & COMMUNICATION

- Flyers posted in common areas and sent through e-mail.
- Employee Zika Advisory and BOLO distributed through paychecks, email and pop-up screen at computer login.
- Advisories being communicated at Police and Fire Roll Call and Parks meetings daily
- Mosquito Repellent made available to all City employees in conjunction with mosquito bite prevention education
- E-mail was sent to all employees to contact Labor Relations & Risk Management if they are pregnant and have concerns regarding their employment and Zika.

ECONOMIC DEVELOPMENT

Economic Development

- Engaging with business community and hotels in coordination with the Coral Gables Chamber of Commerce and Coral Gables Business Improvement District to:
 - educate patrons and visitors
 - partner with City to maintaining and inspecting properties
 - distribute business damage assessment survey used to determine any potential economic impact and identify available assistance from State and Federal government

NEXT STEPS

- In the process of creating a Table Top Operational Exercise in the event of a reported incident in Coral Gables
- Public Safety, Emergency Management continued participating in Joint Information Center (JIC) teleconferences
- Continued collaborating with Miami-Dade Department of Health, Miami-Dade Emergency Management, and Miami-Dade Mosquito Control
- Maintain consistent communication of *Drain, Cover and Repel*