What is Zika Virus?
Zika is an infectious disease most often transmitted to people through the bite of an infected mosquito.

What are the Symptoms?
Symptoms include: Muscle or joint pain, rash, vomiting, headache (especially behind eyes), and conjunctivitis.

Not all persons infected will become ill. Symptoms usually begin 2 to 7 days after being infected by the mosquito. You should see a doctor if you believe you have been exposed to ZIKA.

Once a person is infected, there is a period of 7 - 10 days where an Aedes mosquito can acquire the virus from them.

Am I at risk?
Currently, the risk of ZIKA in our area is low. There have been no recorded cases of a mosquito transmitting Zika on the lower East Coast & Gulf Coast region.

Travelers visiting areas of the world where Zika virus is active should guard themselves from being bit by a mosquito. Currently, these areas include parts of Africa, Southeast Asia, the Pacific Islands, Caribbean, Central and South America.

Visit cdc.gov/travel for country specific travel information and recommendations.

COMMON MOSQUITO-BORNE HEATH THREATS IN GEORGIA & GULF COAST
• West Nile Virus (WNV)
• St. Louis Encephalitis (SLE)
• Eastern Equine Encephalitis (EEE)
• Dog Heartworm

EMERGING THREATS TO OUR REGION
• Chikungunya
• Dengue
• Zika Virus

Where can I get more information on ZIKA & other disease threats?
Visit cdc.gov/zika to learn where ZIKA is prevalent and get up to date information on new developments.

Visit dhp.georgia.gov/zika-virus to get current information on Georgia health concerns including Zika, West Nile, and other viruses & health threats.

Visit us at mosquitoes.com

WHAT'S INSIDE:

EDUCATE YOURSELF:
HELP FIGHT MOSQUITOES & DISEASE

Know your mosquitoes
Guard yourself against mosquito bites and disease
Control of larval insects around your property

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Disease surveillance
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**Mosquito Control Services**

**Virus Response**

**Disease Surveillance**

We distribute different surveillance traps throughout the parish and inspect them multiple times each week.

Collected samples of mosquitoes are specified and cataloged. Each trap is analyzed for target vector mosquitoes. Those vector mosquitoes are then packaged and sent to a State Laboratory for testing.

When a sample of mosquitoes is confirmed to contain mosquitoes positive for virus or a human is identified in an area, a response protocol is initiated involving elevated control efforts (including a higher frequency of spray applications).

**Notification**

Residents in the area of a confirmed positive sample or human case will be informed through the distribution of door hangers and informational pamphlets.

Visit mosquitoc.com for more tips and downloadable instructional pamphlets as well as other educational materials.
INSPECTION AND MAPPING

The solution to mosquito troubles begins by defining the problem.

Mosquito Control Services, LLC, locates, maps, and categorizes important mosquito breeding sites, gathers rainfall information, monitors adult mosquito activity and operates a 24-hour toll-free hotline for public mosquito reports.

Data are collected year-round and are computer-plotted to direct equipment and personnel for precise site-specific control.

Mosquito Control Services of Georgia
(912) 217-6300

CONTROL OF LARVAL INSECTS

After the immature mosquitoes (larvae) are located in their water habitats, crews work to suppress their ability to become adults.

Bio-chemical sprays containing bacteria or insect growth-regulating hormones are used to address the larvae.

If the location is suitable, Mosquito Control Services, LLC will transport mosquito fish to the breeding site. The fish then feed on mosquito larvae, providing a natural biological solution to the problem. These mosquito fish are provided to homeowners free of charge for use in private ponds, fountains and ornamental pools.

SPRAY FREQUENCY AND LOCATION

Areas are prioritized due to need and sprayed accordingly with the addition of some general maintenance spraying from time to time.

Frequency of the truck spray operation varies depending on mosquito population as determined by data.

Aerial applications are used when salt marsh or floodwater mosquito population reaches critical levels as determined by surveillance data, or to supplement ground control efforts.

Infestation, surveillance, abatement, encephalitis monitoring, testing and site inspections generally occur during the daytime hours.

Spraying via trucks and aircraft begin at dusk and continues for about 2-3 hours.

ECO-FRIENDLY TECHNOLOGY

While effective, chemical insecticides are not always the best solution. That’s why the contractor opts for nature’s technology whenever possible.

Many of the sprays contain bacteria or insect growth-regulating hormones that have little or no effect on the environment and non-targeted organisms.

Routine rotation of the control methods used helps reduce the possibility of the target insect population building a tolerance to the control methods and lessens the impact on the environment.

Regardless of the control product used, biologists routinely perform laboratory and field tests to evaluate effectiveness and potential for the product to contribute to resistance by the insect.
Mosquito Control is a Team Effort

- Eliminate Breeding Sites around the home
- Repair Torn Screens or Fix Windows and Doors
- Use Repellant / Protective Clothing
- Avoid Areas/Times when Mosquitoes are Most Active