



NEWS RELEASE

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RSA Tower 201 Monroe Street, Suite 914 Montgomery, AL 36104

Phone 334-206-5300 Fax 334-206-5534

www.adph.org

First human case of WNV infection confirmed in Alabama

FOR IMMEDIATE RELEASE

CONTACT: Charles Woernle, M.D.
(334) 206-5325

William Johnston, D.V.M.
(334) 206-5969

The Alabama Department of Public Health announces the first human case of West Nile virus infection in Alabama in 2002 has been confirmed in a 71-year-old resident of Dale County. The individual was hospitalized during the last week of July and has been discharged to home.

"The first human case of West Nile virus in Alabama in 2002 comes as no surprise" said Dr. Donald E. Williamson, State Health Officer. "Our surveillance system has detected West Nile virus activity in birds, mosquitoes, and horses throughout Alabama, making the likelihood of human cases quite high. I urge all individuals to take precautions to avoid mosquito bites."

To date, 189 birds, 18 pools of mosquitoes, and 4 horses have been reported from 35 of Alabama's 67 counties. These counts far exceed the level of virus activity reported in 2001, when 59 positive birds in 13 counties were detected, and none earlier than the end of August. In 2001 Alabama experienced 2 human cases of West Nile virus infection, 1 of which was fatal.

In response to this case the Department of Public Health will increase its efforts to inform the public about the importance of personal protection measures individuals can take to reduce their risks of being bitten by infected mosquitoes. In addition, the department will distribute additional information to hospitals and clinics about this disease and the availability of tests for human cases.

WNV and other mosquito-borne viruses such as Eastern Equine Encephalitis are transmitted from bird to mosquito to bird. Occasionally, the same mosquitoes will take blood from mammals, including humans and horses. Mosquitoes pick up the virus by feeding on the blood of infected birds. The disease cannot be spread from person to person or from animals to people

Since mosquitoes are commonly found throughout much of Alabama, health officials offer practical strategies for the mosquito season:

PERSONAL PROTECTION; CLOTHING AND AROMATICS

- Wear loose fitting, light colored clothes to help prevent mosquitoes from reaching the skin and to retain less heat, making yourself less "attractive" to mosquitoes. Mosquitoes are more attracted to dark colors.
- When possible, wear long sleeves and long pants.
- Avoid perfumes, colognes, fragrant hair sprays, lotions and soaps, which attract mosquitoes.

PERSONAL PROTECTION; REPELLENTS

- Follow the label instructions when applying repellents. Permethrin repellents are only for clothes - not for application on the skin.
- When using repellents avoid contact with eyes, lips and nasal membranes.
- Use concentrations of less than 10 percent when applying DEET-containing products on children.
- Apply DEET repellent on arms, legs, and other exposed areas, but never under clothing.
- After returning indoors, wash treated skin with soap and water.
- Citronella candles and repellents containing citronella can help, but their range is limited.
- Herbals such as cedar, geranium, pennyroyal, lavender, cinnamon, and garlic are not very effective.

PERSONAL PROTECTION; AROUND THE HOME

- Mosquito activity peaks at dusk and again at dawn; restrict outdoor activity during these hours.
- Keep windows and door screens in good condition.
- Replace porch lights with yellow light bulbs that will attract fewer insects.
- Mosquitoes breed in standing water; empty all water from old tires, cans, jars, buckets, drums, plastic wading pools, toys, and other containers.
- Clean clogged gutters.
- Remove the rim from potted plants and replace water in plant/flower vases weekly.
- Replenish pet watering dishes daily and rinse bird baths twice weekly.
- Fill tree holes and depressions left by fallen trees with dirt or sand.
- Stock ornamental ponds with mosquito fish or use larvicide "doughnuts."

8/7/02