

Jefferson County Department of Health and Environment (JCDHE)
West Nile Virus (WNV) and Zoonoses
Newsletter # 9
August 9, 2007

WNV NATIONAL

Outside of Colorado, CDC and USGS posted 267 human cases of WNV: 4 from Alabama (1 death), 16 from Arizona, 2 from Arkansas, 64 from California (5 deaths), 2 from Georgia, 13 from Idaho, 6 from Illinois, 2 from Iowa, 3 from Kansas, 9 from Minnesota, 14 from Mississippi (1 death), 2 from Missouri, 3 from Montana, 12 from Nebraska, 2 from Nevada, 5 from New Mexico, 39 from North Dakota (1 death), 1 from Ohio, 1 from Pennsylvania 46 from South Dakota (1 death), 6 from Texas, 2 from Utah, 1 from Virginia, 12 from Wyoming: For updates visit their websites at

<http://www.cdc.gov/ncidod/dvbid/westnile/Mapsactivity/surv&control07Maps.htm>

http://diseasemaps.usgs.gov/wnv_us_human.html

WNV COLORADO

The CDPHE has reported a total of 60 human cases from: Adams (3), Boulder (15), Broomfield (1), Cheyenne (2), Denver (1), Douglas (1), Fremont (2), Huerfano (1), Jefferson (2), Larimer (14), Logan (1), Mesa (1), Otero (1), Prowers (1), Pueblo (2), Washington (1), and Weld (11) counties: Fifty with fever, 7 with Meningitis, and 3 with Encephalitis.

From 4,531 mosquito pools submitted there have been 277 positive mosquito pools from the counties of Adams (27), Alamosa (2), Arapahoe (5), Boulder (25), Delta (4), Denver (5), El Paso (3), Fremont (2), Garfield (1), Jefferson (2), Larimer (113), Las Animas (1), Logan (15), Mesa (2), Otero (10), Prowers (9), Pueblo (10) and Weld (41).

To date the CDPHE laboratory has tested 82 dead birds with positive birds from Arapahoe (1), Boulder (2), Douglas (1), El Paso (6), Larimer (7), Pueblo (1), Teller (1), and Weld (8) counties. For WNV updates from CDPHE visit their website at

<http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>

PROBABLE HUMAN CASES IN JEFFERSON COUNTY

Colorado Electronic Disease Reporting System (CEDRS) is reporting that Jefferson County has two probable human cases of WNV. A woman that was bitten by a mosquito in Key West Florida and diagnosed on July 31, 2007 and a woman from Arvada both with onset dates in the middle of July.

WNV JEFFERSON COUNTY

Mosquito Surveillance: Mosquito trapping this past week yielded a total of 805 mosquitoes with 417 being Culex mosquitoes. Ottertail Environmental submitted 6 pools of Culex mosquitoes to the state lab for WNV testing during this past week bringing the total number submitted to 64. The highest numbers of Culex were caught at Fossil Trace Golf Course in Golden (114) using the sum of three trap nights and Ralston Creek at 72nd and Simms in Arvada (54) using the sum of two trap nights. None of the mosquito pools submitted this past week tested positive for WNV.

Mosquito Control: Our integrated mosquito control contractor, Ottertail Environmental, identifies, monitors, and inspects "mosquito breeding sites" throughout the county. During the past week Ottertail conducted 655 larval habitat site inspections. Out of these inspections, 170 sites were treated for Culex larvae and 7 sites were found breeding non-Culex mosquitoes.

REMEMBER

- **Always use repellent for ALL outdoor activities. Use DEET or one of the two new EPA approved repellants, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions).**
- Wear long sleeves and pants when outdoors at dawn and dusk.
- Citizens should **DRAIN** and **EMPTY** all containers in their yard because you can be bitten by WNV carrying mosquitoes in your own yards.
- Check your home to make sure all windows and doors have screens and are in good condition. This will reduce the chance of mosquitoes and bats gaining entry into your home.

Mosquito Complaint Hotline:

Ottertail Environmental operates a toll free telephone line for citizen reports and concerns, that number is 1-888-774-2161 and locally the local number is 303 273-2878.

RABIES IN JEFFERSON COUNTY

JCDHE has tested a total of 54 animals for rabies with 23 of those being bats and all test results have been negative. At this time in 2006 JCDHE had submitted 75 animals for rabies testing with 47 being bats and 13 of those bats tested positive for rabies.

For More Information on WNV and other Zoonoses visit our web site at:

http://www.jefferson.co.us/ext/dpt/health/home_ehs.htm or
call 303 239 7075 or contact dvolkel@jeffco.us or jdale@jeffco.us