

Jefferson County Department of Health and Environment (JCDHE)
West Nile Virus/ZOONOSES Update #9-2006
Date July 13, 2006

WNV

General: With the hot weather and recent rains, populations of Culex species mosquitoes (*the key vectors of WNV and WEE*) continue to increase around the state and nation.

NATIONAL As of July 11, 2006 avian, animal or mosquito WNV infections have been reported to CDC ArboNET from the following states: Arizona, Arkansas, California, Florida, Idaho, Illinois, Indiana, Iowa, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Texas, Utah, Virginia, West Virginia, Wisconsin, and Wyoming.

Including 2 from Colorado, a total of ten human cases have been reported in California, Iowa, Mississippi, Missouri, Nebraska, South Dakota, and Texas. Additional information about national WNV activity is available from CDC at: <http://www.cdc.gov/ncidod/dvbid/westnile>

COLORADO

A positive bird (magpie) from Mesa County on June 9th is still the only positive bird of 90 dead birds tested thus far around the state. No positive mosquito pools have been reported out of 505 pools tested. There has been one human case of WNV encephalitis in Weld County and one human case of WNV fever in Logan County for 2006. For daily updates on WNV in Colorado, please visit CDPHE's Zoonosis website at: <http://www.cdphe.state.co.us/dc/Zoonosis/Zoonosis.asp>

JEFFERSON COUNTY

Mosquito Surveillance: During the past week, our contractor conducted mosquito trapping at 17 locations in the county which yielded a total of 627 mosquitoes with 351 being Culex mosquitoes. The highest numbers of Culex were caught at Meadowbrook Village in Golden (70), Fossil Trace in Golden (67) and Willow Creek Park in Littleton (26).

Dead Bird Surveillance: JCDHE will track reports of dead birds east of the foothills and will test any corvids (Jays, Magpies, and Crows) or raptors that die in the foothills that are picked up and submitted by Jefferson County Animal Control. We will closely monitor dead bird reports in conjunction with our sentinel mosquito program.

Mosquito Control: Our integrated mosquito control contractor, Ottertail Environmental, continues to identify, monitor, and inspect "mosquito breeding sites" throughout the county. From June 30 to July 6, 2006, 466 larval habitat site inspections were conducted. Out of these inspections, 67 sites were treated for Culex larvae and 14 sites were found breeding non-vector mosquitoes.

Remember: Always make the use of repellent part of all outdoor activities. Common sense should apply at all times. Use DEET or one of the two new EPA approved repellents, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions). Wear long sleeves and pants when outdoors at dawn and dusk. Citizens can be bitten by WNV carrying mosquitoes in their own yards so remind everyone to drain and empty all containers in their yard.

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 number is 303 858 8350.

Rabies

JCDHE had two additional bats test positive for rabies, that brings the total to six for the year. Colorado and Jefferson County continue to witness significant increases in wild animals at lower elevations. All citizens need to be reminded to **LEAVE WILD ANIMALS ALONE**. If citizens or their pets have any interactions with sick or injured wild animals they need to contact their local animal control agency: Arvada Animal Management: 720-898-6850, Edgewater Animal Control 303-235-0500, Golden Animal Control at 303-384-8045, Jefferson County Animal Control at 303-271-5070, Lakewood Animal Control 303-987-7173, Westminster Animal Management 303-430-2400 X4326 or Wheat Ridge Animal Control at 303-237-2220.

For More Information on WNV and other Zoonoses:

Visit our web site for information and other resources on WNV 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