

Contact Information:

Northwest Mosquito and Vector Control District
Eric Ballejos
Interim Director of Administration
eballejos@northwestmvcd.org
(951)340-9792



FOR IMMEDIATE RELEASE

Mosquito Sample Test Positive for West Nile Virus in Western Riverside County

Corona, CA: September 17, 2025

The Northwest Mosquito and Vector Control District (NWMVCD) has confirmed the detection of a West Nile virus–positive mosquito sample in the City of Jurupa Valley. This marks the first confirmed presence of West Nile virus within the District’s service area in 2025. While this is the initial detection of West Nile virus in 2025 within the District’s coverage area, the virus is considered endemic within Western Riverside County.

West Nile virus is transmitted to humans and animals through the bite of an infected mosquito. Approximately 20% of the humans infected experience mild symptoms, such as fever, headache, and body aches. Less than 1% of individuals will develop serious neurological illness, based on historical data.

The elderly, children, or individuals with a compromised immune system are usually at a higher risk of experiencing further manifestations of the disease. Anyone with symptoms should contact their health care provider. NWMVCD requests that residents avoid creating standing water sources on their property. If residents know of any standing water sources, such as an unmaintained swimming pool, they are encouraged to report them so proper measures can be implemented by NWMVCD. Residents are highly encouraged to take the following precautions and protective measures.

Protect yourself from mosquito bites:

1. **Use insect repellents:** Use an Environmental Protection Agency (EPA)-registered insect repellents such as DEET, picaridin, IR3535, and oil of lemon eucalyptus (OLE), para-menthane-diol (PMD), or 2-undecanone. Make sure to use insect repellents according to the product label.

2. **Dawn and dusk:** Dawn and dusk are peak mosquito biting times for many mosquitoes. Consider rescheduling outdoor activities to avoid that time.
3. **Clothing:** Wearing long sleeves, long pants, and socks when outdoors can reduce exposure to mosquito bites.

Protect your animals:

1. In equine communities, it is important to consult with your veterinarian about vaccinating your horse against West Nile virus.

Mosquito-proof your home:

1. **Dump and drain standing water:** Mosquitoes lay their eggs in standing water; therefore, by eliminating these standing water sources, you reduce your chance of being bitten by a mosquito.
2. **Screens:** Keep mosquitoes outside by having tight-fitting screens on all your windows and doors.

As of September 12, 2025, West Nile virus has been found in 32 counties in California, with 2260 mosquito samples testing positive for the virus and 36 confirmed human cases. Please visit www.northwestmncd.org to report any mosquito problems, request a mosquito inspection, report dead birds, report neglected swimming pools, and submit service requests. For the latest on statewide information on mosquito-borne diseases, please visit www.westnile.ca.gov.

###