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## June Update

Even in dry conditions, mosquitoes persist. Drought conditions may increase West Nile Virus (WNV) transmission. Eastern Equine Encephalitis (EEE) is more likely in extended wet conditions. Both WNV and EEE are transmitted between mosquitoes and birds, and people can become ill if bitten by an infected mosquito. Jamestown Canyon Virus (JCV) cycles between deer and mosquitoes and is transmitted by a variety of mosquito species. Currently, Jamestown Canyon Virus is the most prevalent arbovirus in New Hampshire with five human cases detected last year including one death.

In June, Dragon crews have:

- Checked wetlands for mosquito larvae
- Treated larvae with Bti as needed
- Responded to house calls
- Monitored catch basins for larval mosquito activity
- Treated catch basins with an organic insecticide to control disease carrying mosquitoes
- Trapped, processed and identified adult mosquitoes
- Mapped new no-spray requests

Crews focused on catch basins and habitats that produce a second generation of mosquitoes. Catch basin programs target mosquitoes that carry WNV. Catch basin treatment begins when larval activity is detected. We continue to use Natular, an organic product listed for use in and around organic food production. Natular meets the highest standards for environmental stewardship. It does not persist in the environment and is not toxic to wildlife.

Adult mosquito trapping has begun. Traps are set in various locations throughout town each week from late June to mid-October. Dragon's Entomologist identifies mosquitoes to species and sends state approved species for disease testing. The NH State Lab in Concord will test all submitted mosquitoes for Jamestown Canyon Virus in addition to EEE and WNV this season. Last year, mosquitoes tested positive for JCV in New Hampshire. Dragon crews are working to reduce the risk in your community and you can too. Continue to dump standing water and take precautions to minimize your exposure to mosquito bites. Find ways to protect yourself from mosquitoes at <https://www.cdc.gov/mosquitoes/mosquito-bites/prevent-mosquito-bites.html>.