

BEAVER COUNTY
2026 MOSQUITO SEASON SUMMARY

MOSQUITO SURVEILLANCE AND TEST RESULTS

The Beaver County Vector-borne Disease Control Program follows an Integrated Vector Management plan. This incorporates educating the public, mosquito surveillance, and preventative practices coupled with physical, biological, and chemical control. This report contains Beaver County's 2026 season summary for mosquito surveillance, testing, and control.

Mosquito surveillance was conducted from April through September. Mosquito trapping was prioritized in areas with higher human populations and areas that historically report viral activity. Sites were located throughout Beaver County municipalities. In 2026, Beaver County vector personnel set 316 gravid traps and collected 24,994 mosquitoes, 31 BG Sentinel traps collected 677 mosquitoes, and 218 larval samples which collected approximately 681 larvae/pupae.
Mosquito samples were tested for various diseases, including West Nile Virus, Jamestown Canyon Virus, La Crosse Virus, and St. Louis Encephalitis Virus.
Testing for Jamestown Canyon Virus, La Crosse Virus, and St. Louis Encephalitis Virus all returned negative results. Beaver County reported 35 positive West Nile Virus mosquito samples this year. As of October, Pennsylvania reported 27 human cases of West Nile Virus. Beaver County reported 0 human cases.
The Beaver County Vector Program mitigates the risk of mosquito-borne viruses by reducing larval and adult mosquito populations. Eliminating mosquito breeding habitat is the first step. The program encourages the public to reduce mosquito breeding by removing mosquito habitat, this includes removing any areas that hold stagnant water for prolonged periods of time. Mosquitoes require water to complete their life cycle, so by removing or dumping any standing water, it eliminates mosquito breeding potential.

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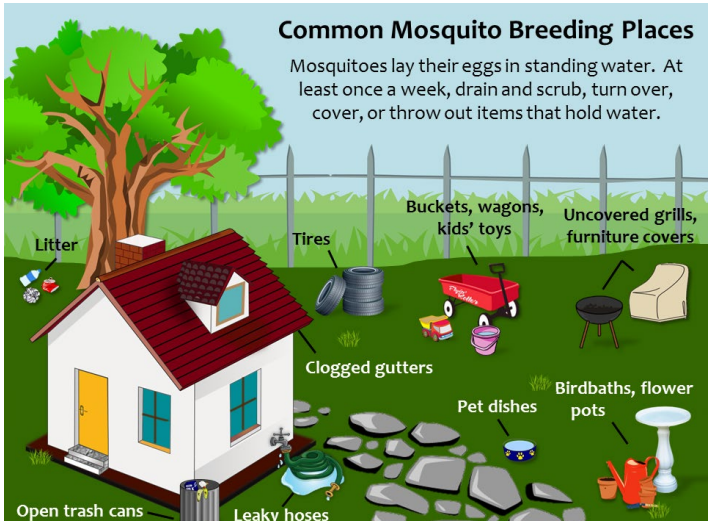
In 2026, there were 238 larval control events conducted throughout the county to reduce mosquito larvae populations and prohibit proliferation of adult mosquitoes. Adult mosquito control included 16 events. 2 ULV (Ultra Low Volume) truck sprays, 9 LV backpack barrier sprays, and 5 thermal fogs were conducted throughout the county to control adult mosquitoes and reduce risk of West Nile virus.

MOSQUITO OUTREACH AND EDUCATION

The Beaver County Vector Program engages in public outreach with many various events. In 2026, with the help of our education educator, we attended 12 educational events, community fairs, expos, school programs, and county fairs. We also hosted a tire collection event at the district in May to reduce mosquito breeding habitat in neighborhoods of Beaver County. We collected over 1,200 tires! Thank you to everyone who participated and all the volunteers and their hard work!

HABITAT REDUCTION

Reducing mosquito habitat reduces the risk of mosquito bites and mosquito-borne diseases. It takes everyone to help reduce mosquito populations. By removing and dumping standing water and regularly cleaning birdbaths, outdoor pet water bowls, and other containers and keeping swimming pools clean and treated, it helps reduce potential mosquito breeding areas. If areas cannot be dumped or removed, there are control products available to the public. Products such as mosquito dunks for larvae and barrier treatments for homeowners to reduce adult mosquitoes are available at local retailers. Follow the label instructions for proper use of product and maximum effectiveness.







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