



Macon Mosquito Abatement District

3755 Cundiff Rd. · Decatur, Illinois 62526 · 217-875-2722

District/LHD: Macon Mosquito Abatement District

Geography and population info: This year was our 60th year in operation. The MMAD serves residents in central Macon County within the City of Decatur and portions of the surrounding townships of Blue Mound, Harristown, Hickory Point, Long Creek, Oakley, South Wheatland and Whitmore. Our district is made up of both dense urban and sparse rural areas which contributes to the variety of mosquito species collected and the control methods utilized annually.

Summary of prevention activities: Larval control measures make up the majority of our prevention activities and consist of ~9,000 catch basin treatments, weekly inspections of over ~900 known open water sources as well as other resident-reported cryptic breeding sources. For the 2021 season, over 7,000 open water sources were inspected, and if necessary, treated.

Additionally, adult control operations were initiated in July due to the abundance of flood water mosquitoes. A total of 1,095 acres were treated over 3 nights.

Summary of surveillance activities: 19 Gravid traps, 8 BG Sentinel II traps and 3 CDC Light traps were deployed for surveillance in 2021.

20 mosquito species collected totaling 45,655 mosquitoes. Of note: 2 *Uranotaenia sapphirina*, 2 *Psorophora varipes* and 4 *Anopheles barberi* were caught.

Cumulative *Culex pipiens/restuans* caught: 28,735. 14,682 RAMP tested/356 pools resulting in 2 positive samples.

Cumulative *Aedes albopictus* caught: 7,382. Total caught in BGS2: 6,585 (2,507 more than last season). 797 female *Aedes albopictus* caught in Gravid traps.

