

FGGM West Nile Virus Prevention Program



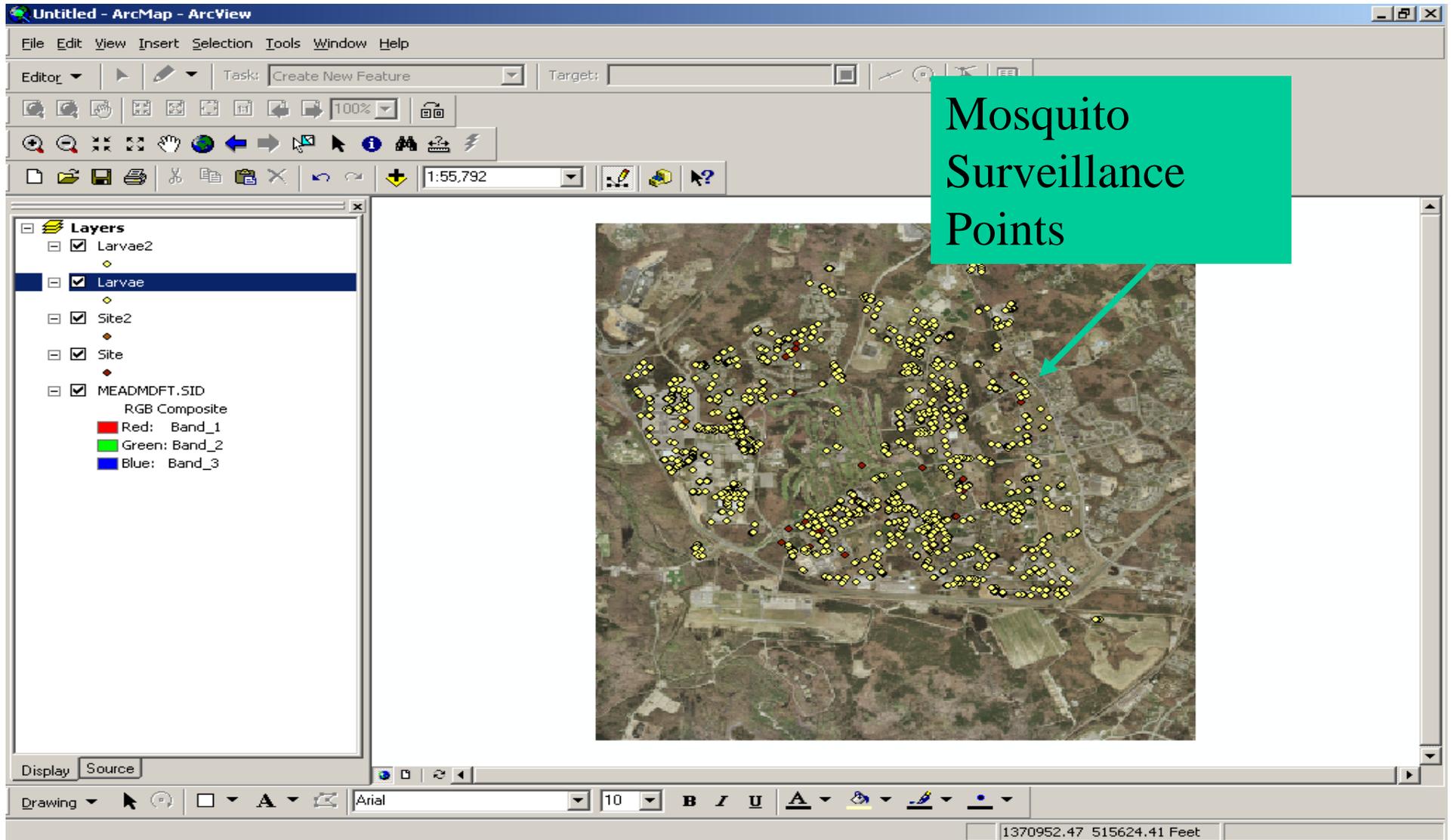


WNV Operational Timeline

April	May	June	July	Aug	Sept
Initial Larviciding			Follow-up surveillance		
	Adult Mosquito Population Monitoring				
	News Release		News Release		News Release
	Dead Bird Collection/Monitoring				
Compile and catalog all field data in GIS					



2003 Surveillance Sites



2003 Overview



- Over 1200 individual sites were surveyed for mosquito larvae and standing water and cataloged in GIS
- 311 applications of mosquito larvicide
- 102 sites where larvae were found
- 22 sites where larvae were collected and reared for identification purposes



- Twelve areas were selected for trap placement (FGGM-PM Activity)
- No positive pools in 2003
- One horse was confirmed positive at the FGGM Equestrian Center



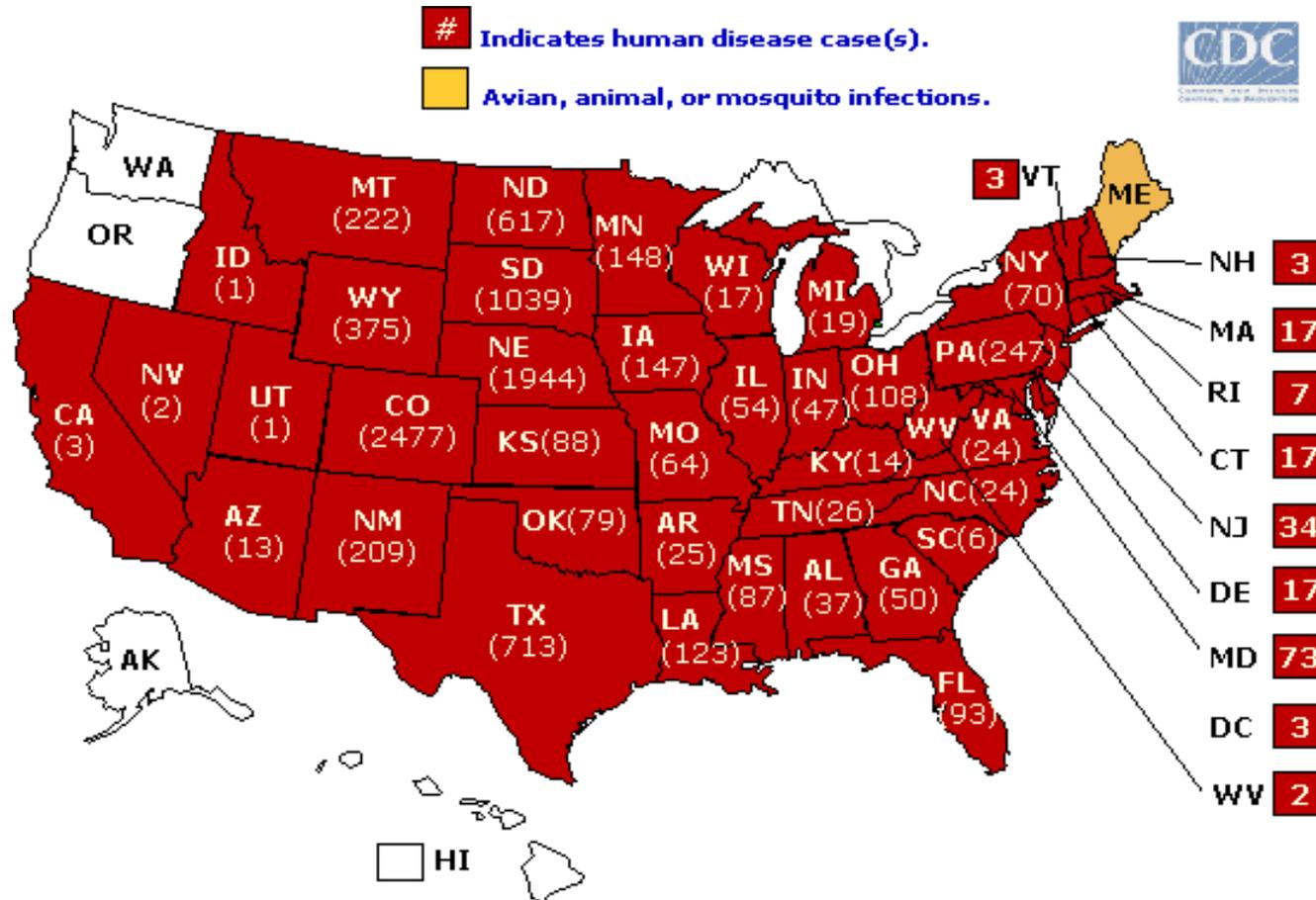
- Pools of mosquitoes were submitted to USACHPPM-North for testing on a weekly basis (FGGM-PM)
- 9 birds were submitted to Vet Activity for testing (DPW)
- 2 birds were positive for WNV
 - First bird appeared 20 Aug
- The appearance of a positive bird does not necessarily indicate the presence of WNV on the installation
 - Determining where the bird was infected is difficult due to the incubation period of the virus and flight range of the birds



- The 2003 program consisting of intense surveillance, larval habitat reduction, larval treatment and continuous adult population monitoring shows we can have a successful program without major, wide-spread adult mosquito pesticide application programs (area fogging)



West Nile Virus in the United States 2003



9,389 confirmed cases of WNV resulting in 246 deaths



Fight the Bite!

Avoid Mosquito Bites to Avoid Infection

- **Apply Insect Repellent Containing DEET:** (Look for: *N,N-diethyl-meta-toluamide*) to exposed skin when you go outdoors. Even a short time sitting outdoors can be long enough to get a mosquito bite.
- **Clothing Can Help Reduce Mosquito Bites:** When possible, wear long-sleeves, long pants and socks when outdoors. Mosquitoes may bite through thin clothing, so spraying clothes with repellent containing permethrin or DEET will give extra protection. Don't apply repellents containing permethrin directly to skin. Do not spray repellent containing DEET on the skin under your clothing.



- **Be Aware of Peak Mosquito Hours:** The hours from dusk to dawn are peak mosquito biting times. Consider avoiding outdoor activities during these times -- or take extra care to use repellent and protective clothing during evening and early morning.
- **Mosquito Proof Your Area:** Drain standing water. Mosquitoes lay their eggs in standing water. Limit the number of places around your home for mosquitoes to breed by getting rid of items that hold water.
- **Want To Learn More?**

www.cdc.gov



Questions?

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