

One Health: Adding Value to Animal & Public Health Initiatives

Multi-States Partnership for Security in Agriculture
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Kentucky Public Health
Prevent. Promote. Protect.



One Health Activities in KY



KY Followed Tennessee's One Health

- KY One Health Group is patterning after Tennessee's One Health Group
- Meet quarterly in state
- Multi-agencies involved

KY Dept. of Agriculture

KY Fish & Wildlife

Veterinary Diagnostic Labs – UK VDL, MSU BVC



Kentucky One Health Group continued

- USDA, APHIS, Veterinary Services
- USDA, APHIS, Wildlife Services
- KY Animal Control Leaders
- U of KY Cooperative Extension Services
- KY Div of Emergency Management
- University of Kentucky
- Louisville Zoo
- Louisville Health & Wellness (Dept)
- KY Dept. of Health



Utility of One Health Approach

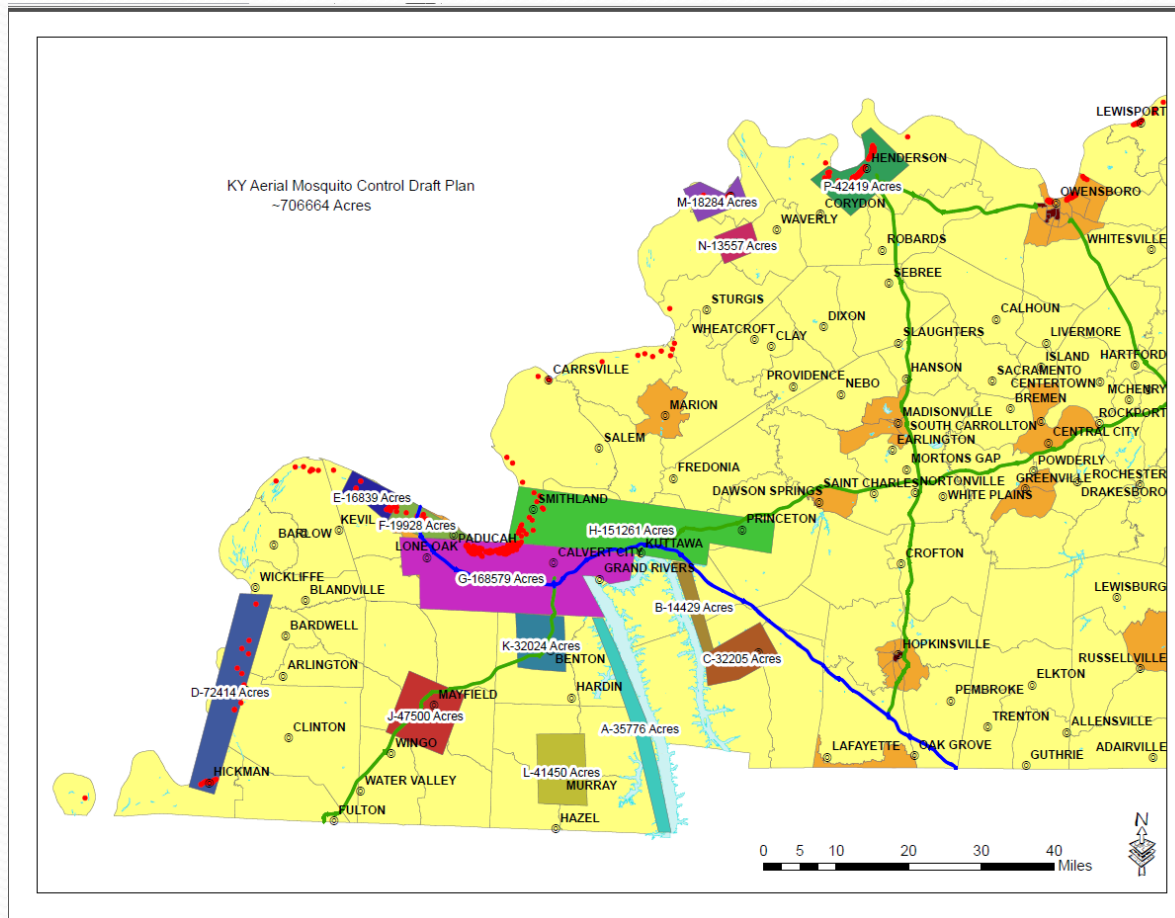
- One health gives us a semi-formal framework for multi-agency collaboration for important topics
- Facilitates communications in a non-emergency situation
- Forum to address statewide challenges in KY
- Meeting notes taken



Recent challenges in Kentucky -2009

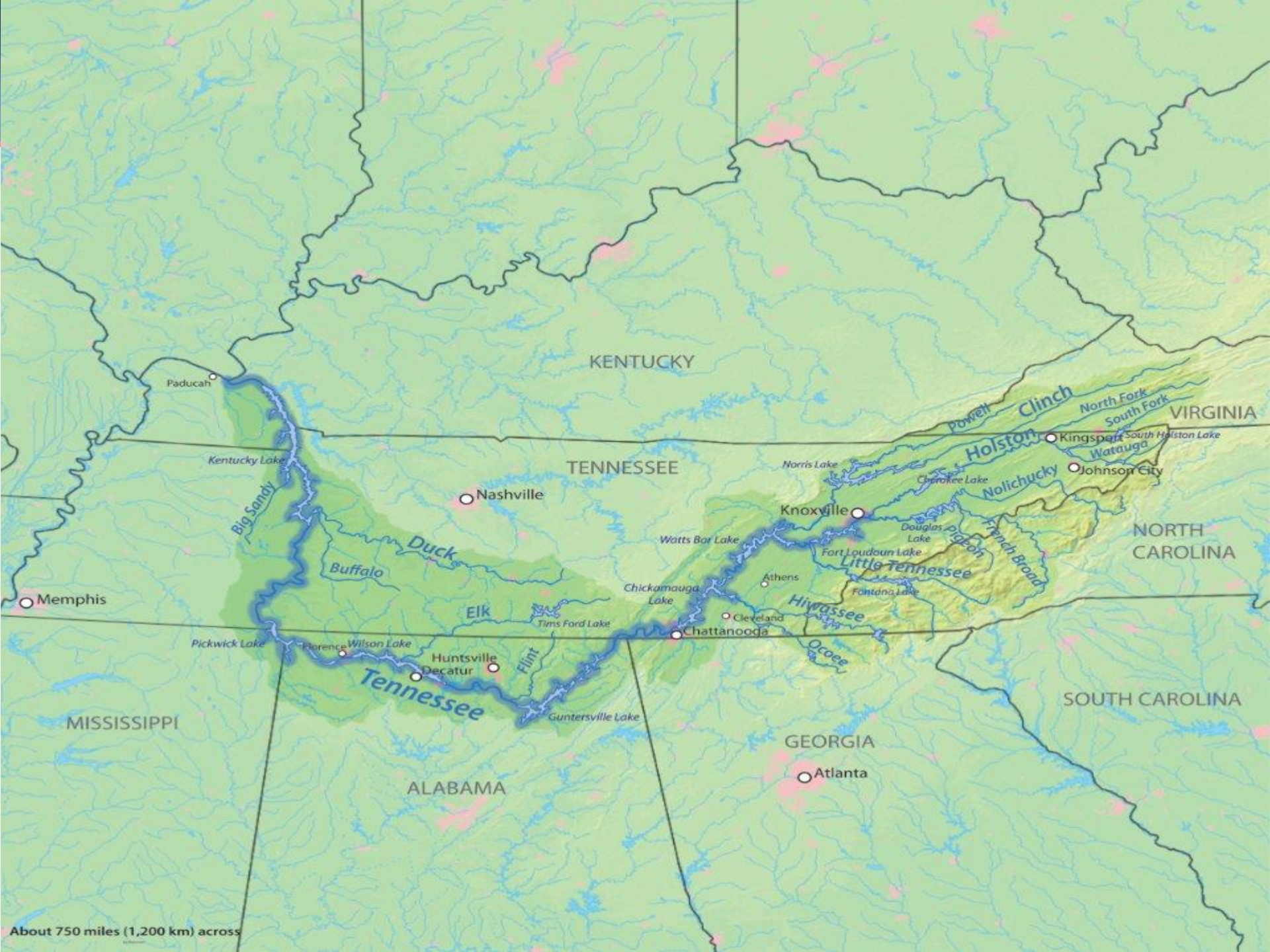


Western Kentucky mosquito challenges 2011



Flooding in western Kentucky 2013





KENTUCKY

TENNESSEE

VIRGINIA

NORTH CAROLINA

SOUTH CAROLINA

GEORGIA

MISSISSIPPI

ALABAMA

Paducah

Kentucky Lake

Big Sandy

Memphis

Buffalo

Duck

Nashville

EIK

Pickwick Lake

Florence

Wilson Lake

Huntsville

Decatur

Tennessee

Flint

Guntersville Lake

Tims Ford Lake

Chickamauga Lake

Watts Bar Lake

Athens

Cleveland

Chattanooga

Knoxville

Norris Lake

Douglas Lake

Fort Loudoun Lake

Fontana Lake

Hiwassee

Ocoee

Igeon

French Broad

Nolichucky

Holston

Clinch

Powell

North Fork

South Fork

South Holston Lake

Watauga

Johnson City

Kingsport

Atlanta

About 750 miles (1,200 km) across

Mosquito challenges in KY explained

- 5/5/2011
- The record setting rainfall and flooding in Kentucky creates the ideal setting for mosquito production. Western Kentucky, being a flat physical region created by seasonal flooding of the Cumberland, Mississippi, Ohio and Tennessee Rivers, is particularly suited to consistent seasonal mosquito populations



Flooding is the most widespread
and most frequent natural
hazard in Tennessee.

re of
il War.

Cherokees built their principal towns along the
see, including Chota, their sacred capital, as well as a town
se" or "Tenese," from which the Little Tennessee, the big
ssee, and the sixteenth state all derive their names.

ove, and
r trout.

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su
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Conclusions

- One health gives us a semi-formal framework for multi-agency collaboration for important topics
- Facilitates communications in a non-emergency situation
- Forum to address statewide challenges in KY
- Facilitates statewide problem solving operationally
- Acts as a state think tank
- Allows for us to understand the inter-relatedness of different events that occur



Thank you

- Questions ?
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