

# Mosquito Surveillance Report

14 October 2013

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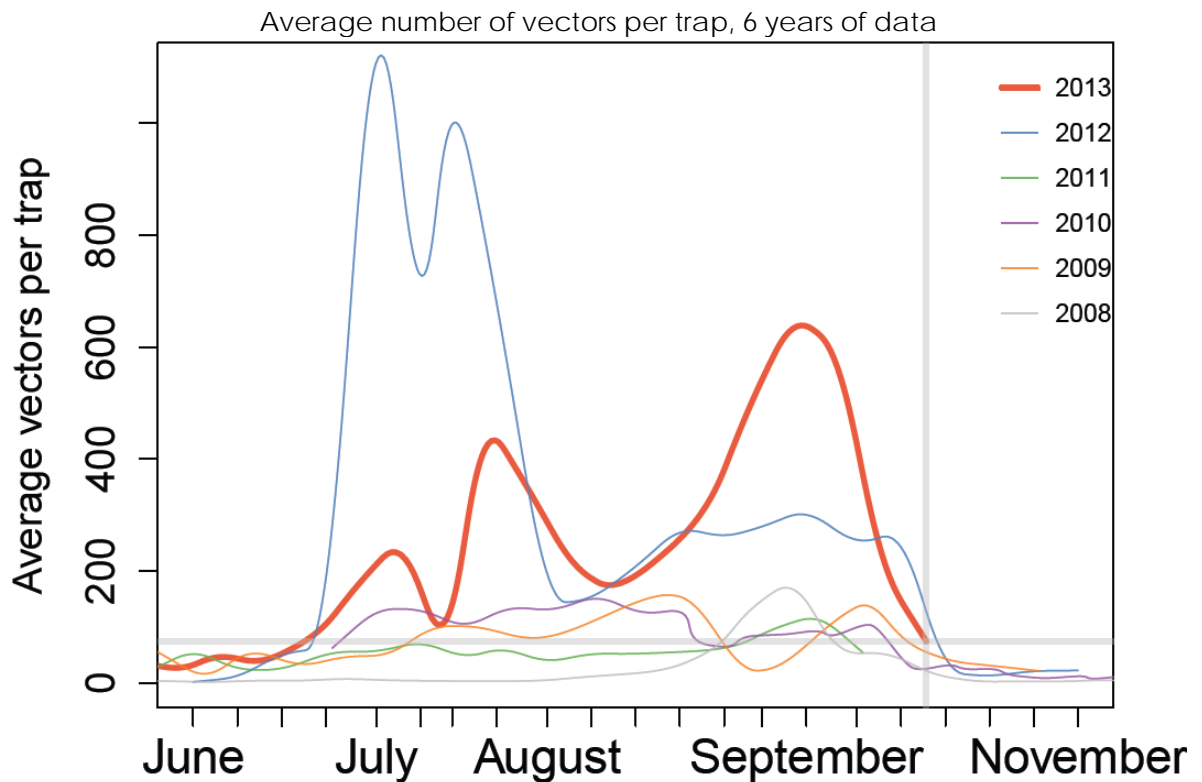
## Summary: Big Drop

The number of mosquito vectors caught in local traps dropped by 90% from September 17<sup>th</sup> to October 8<sup>th</sup>.

## Historical Comparison

*After record highs for September, the average number of disease vectors per trap has returned to normal levels.*

*WNV has been under "enhanced surveillance" since September 24<sup>th</sup>, when the data which revealed the recent spike in WNV vectors came in.*



## West Nile Worries

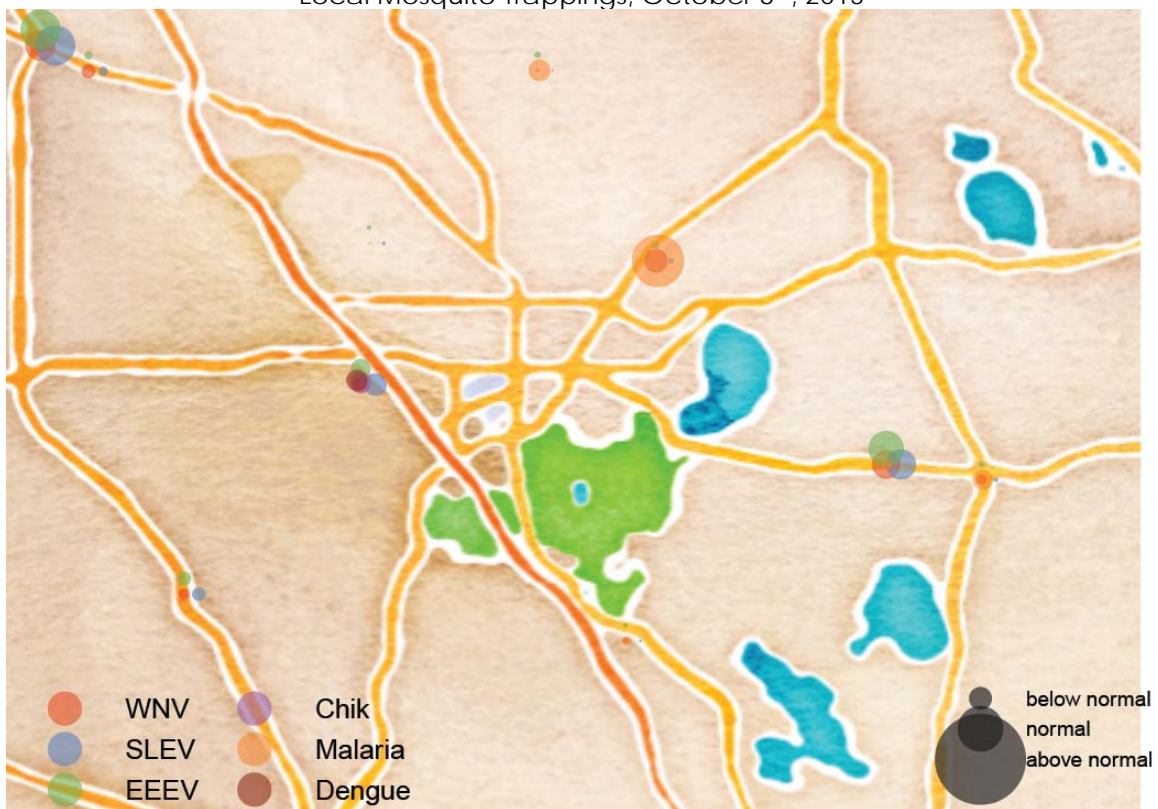
Last month saw unusually high numbers of mosquitoes in local traps, particularly the 6 species capable of carrying West Nile Virus (*Aedes albopictus*, *C. quinquefasciatus*, *C. Salinarius*, *C. restuans*, *C. perturbans* and *C. erraticus*). Meanwhile, a local resident was diagnosed with WNV (confirmation pending).

Fortunately, as the plots on pages 3-11 show, the number of mosquitoes capable of carrying WNV has dropped drastically.

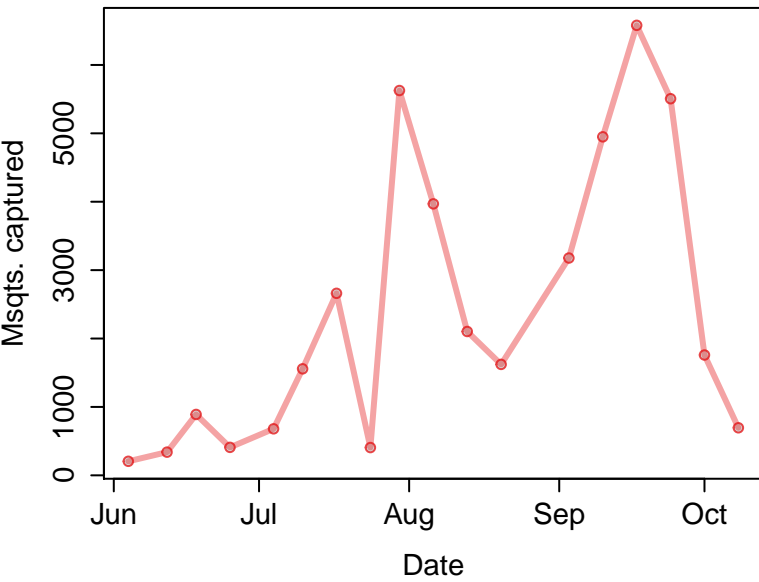
## Conclusion

Pending confirmation of the local WNV case (which will necessitate an official “advisory”), no action is called for at this time.

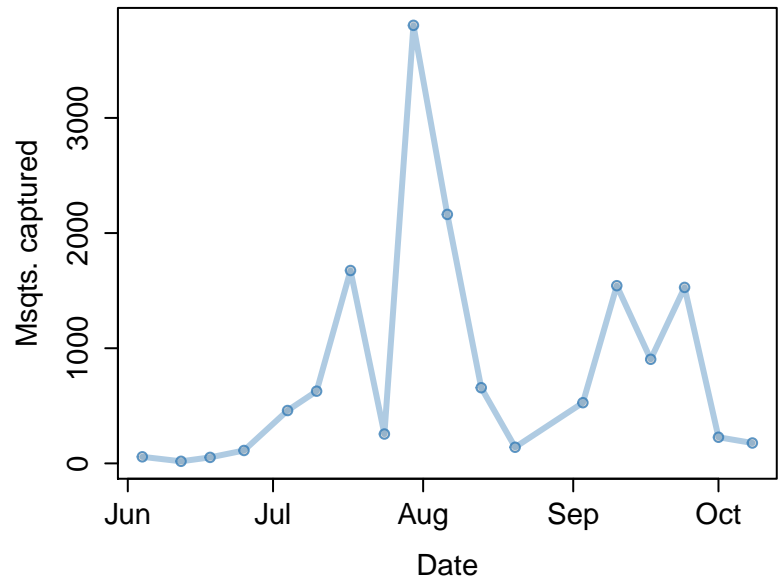
Local Mosquito Trappings, October 8<sup>th</sup>, 2013



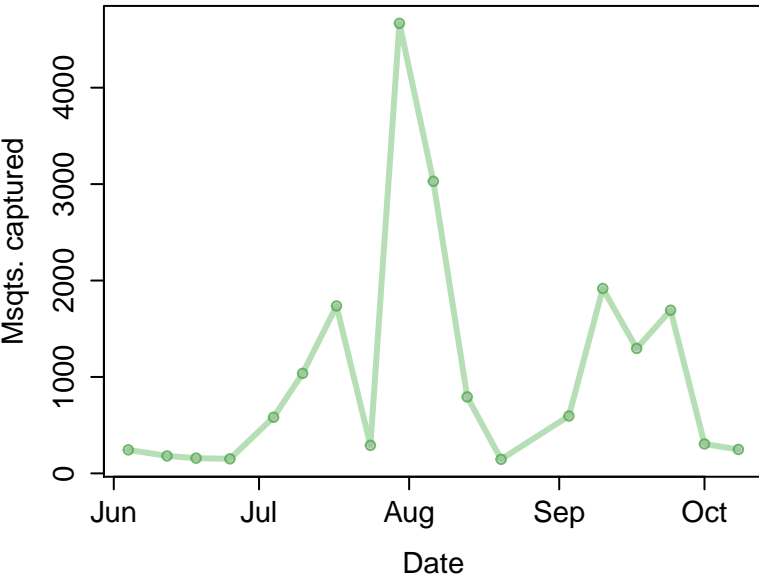
Mosquitoes capable of carrying WNV captured this summer



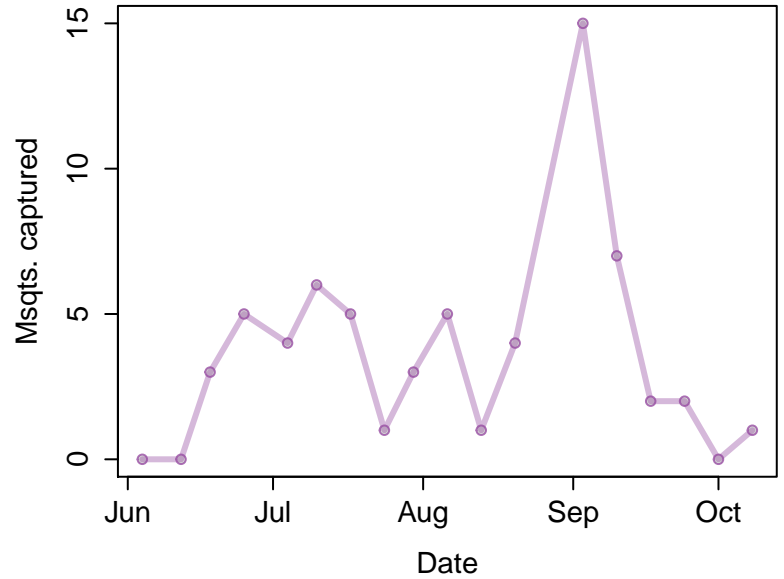
Mosquitoes capable of carrying SLEV captured this summer



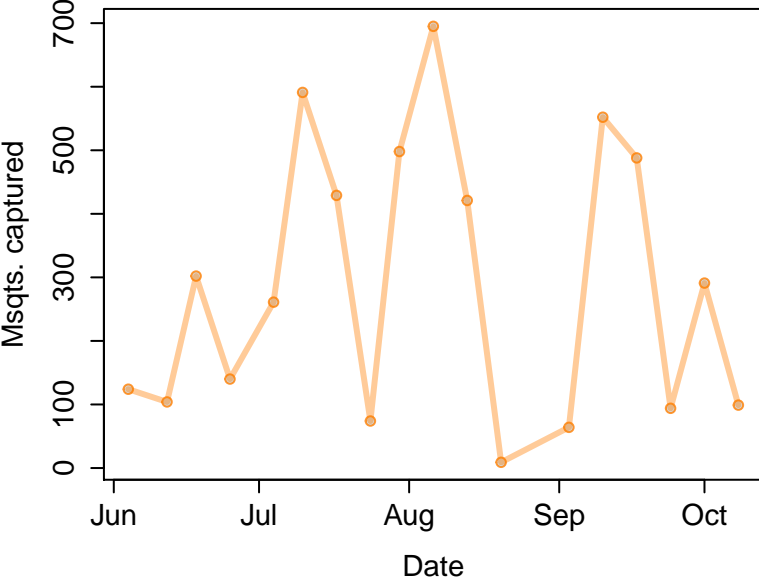
Mosquitoes capable of carrying EEEV captured this summer



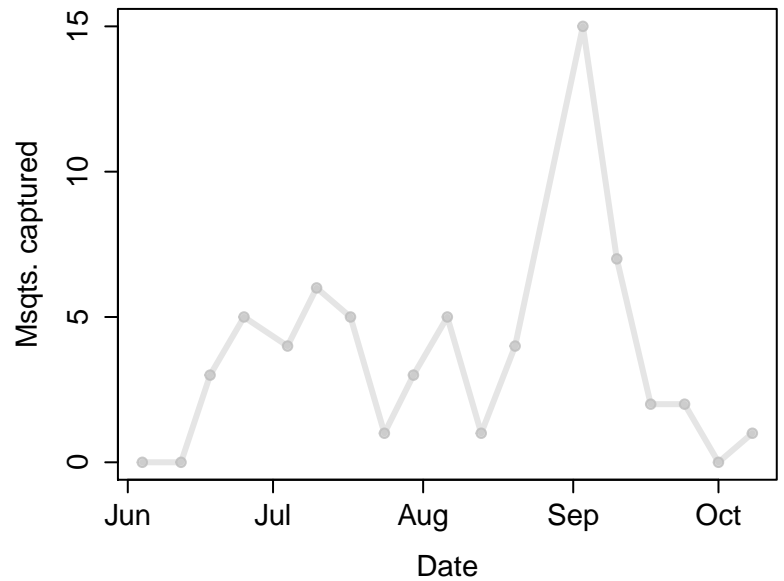
Mosquitoes capable of carrying Chikungunya captured this summer



Mosquitoes capable of carrying Malaria captured this summer

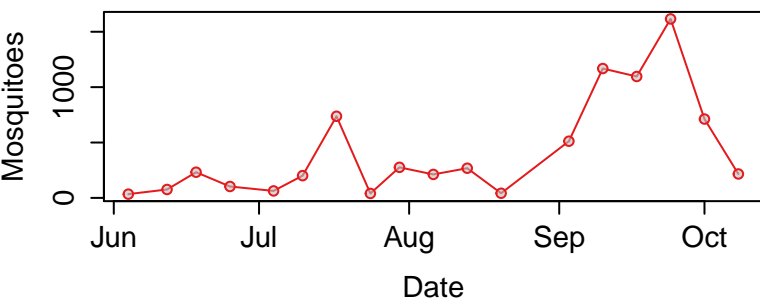


Mosquitoes capable of carrying Dengue captured this summer

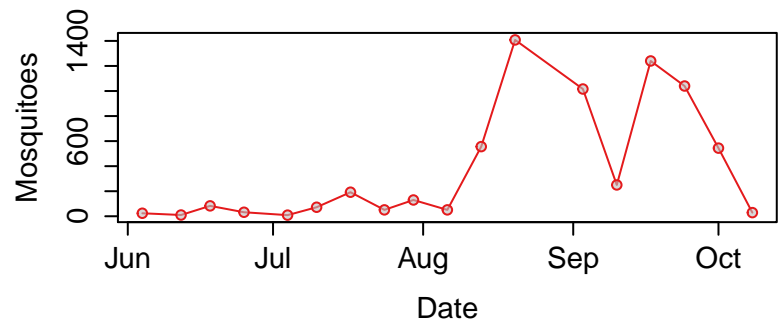


# WNV vectors

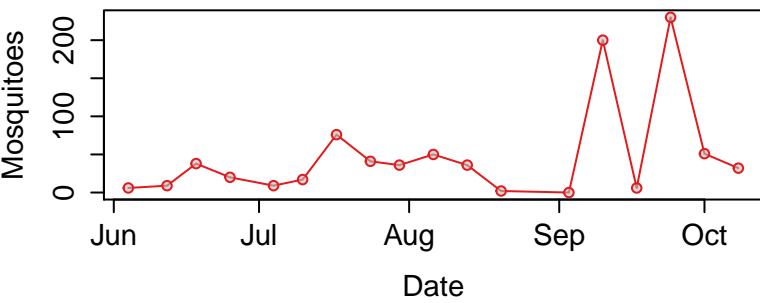
## Transfer Station NE 63 Ave.



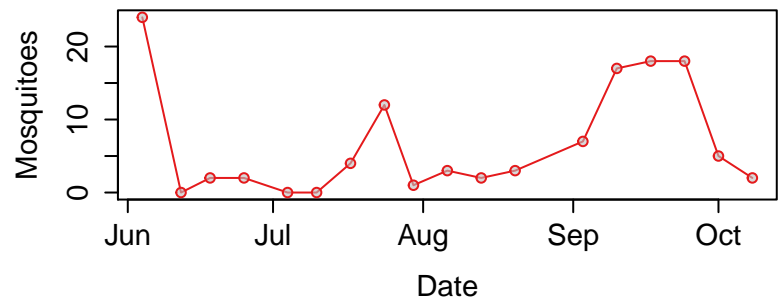
## Monteocha Park



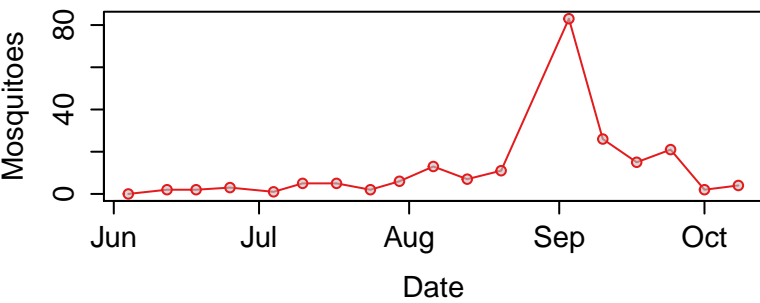
## CR 1491 High Springs



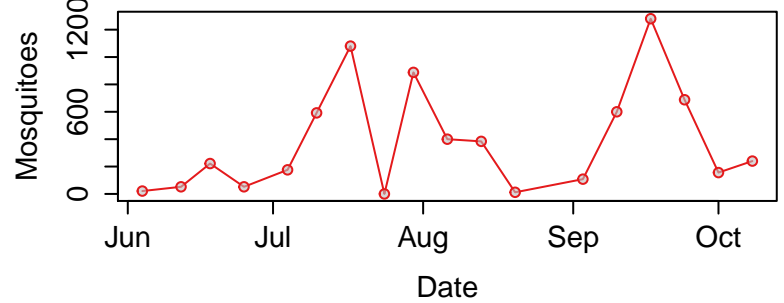
## LaPierre Home (High Springs)



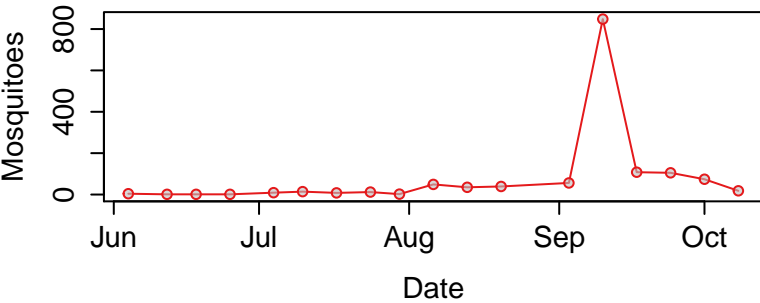
## Woodlands Subdivision (Tower Rd.)



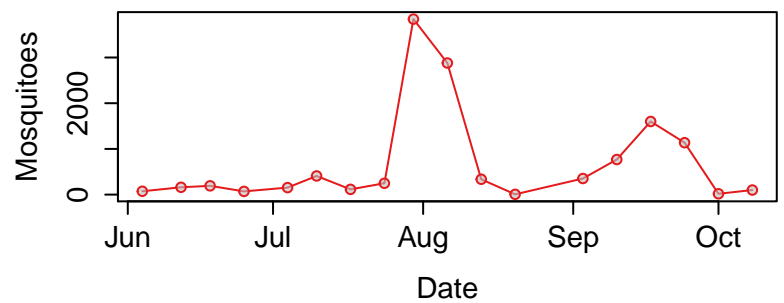
## SE 171 St. (Hawthorne)



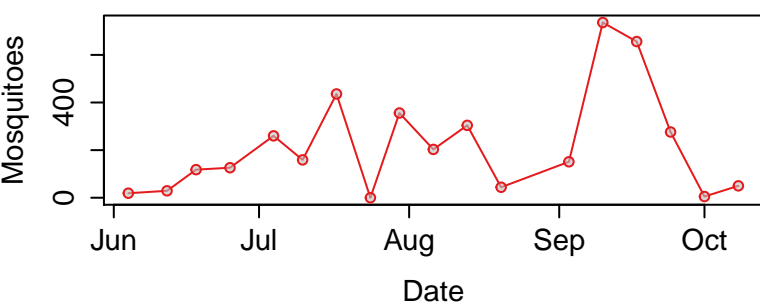
## Bowman Residence (Archer)



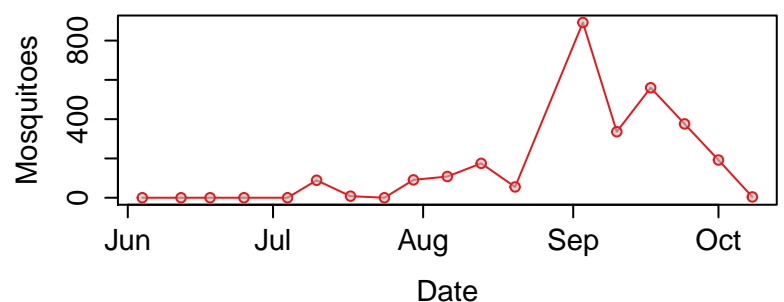
## Micanopy



## Hawthorne Chix Site

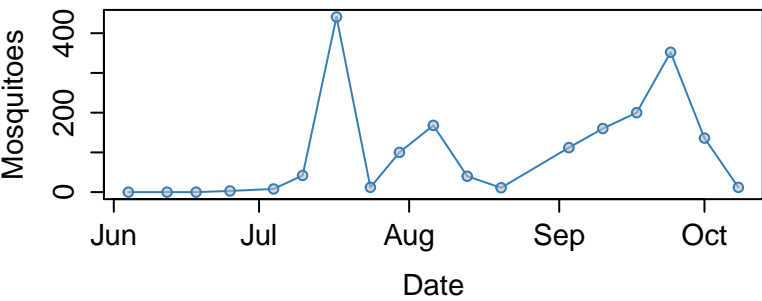


## UF AES NW 71 St.

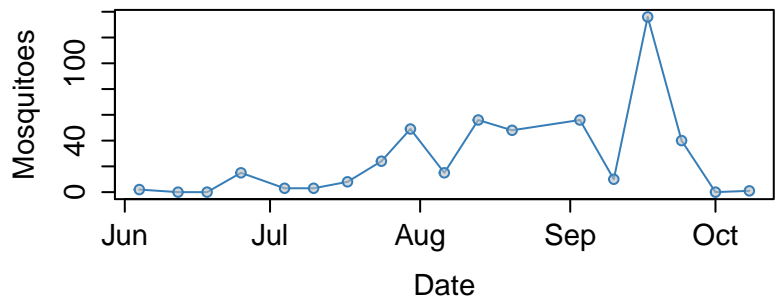


# SLEV vectors

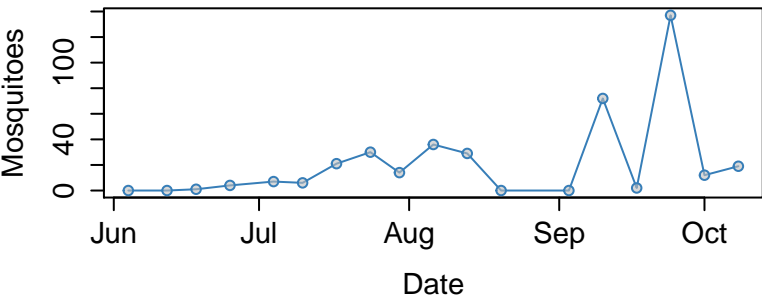
## Transfer Station NE 63 Ave.



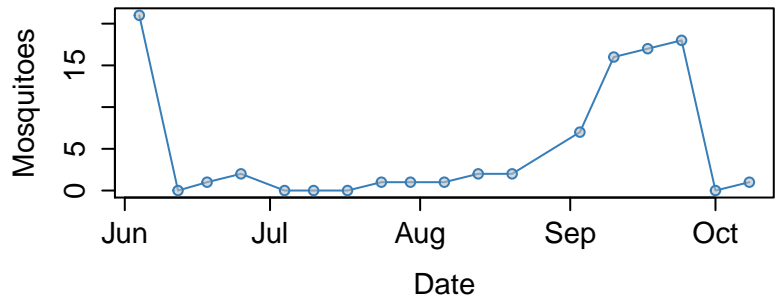
## Monteocha Park



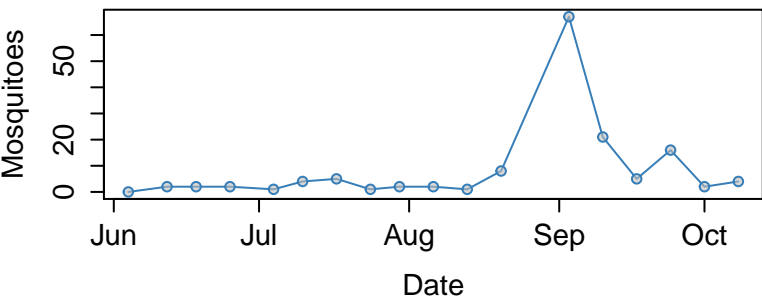
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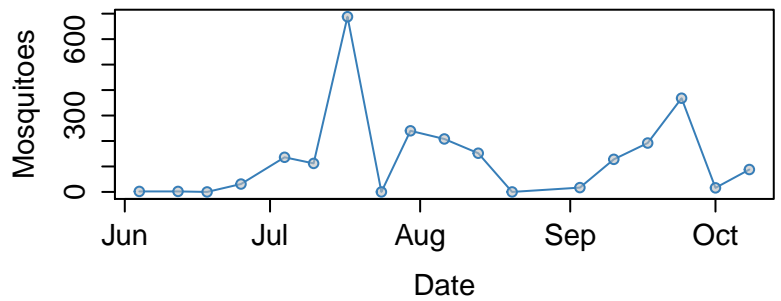
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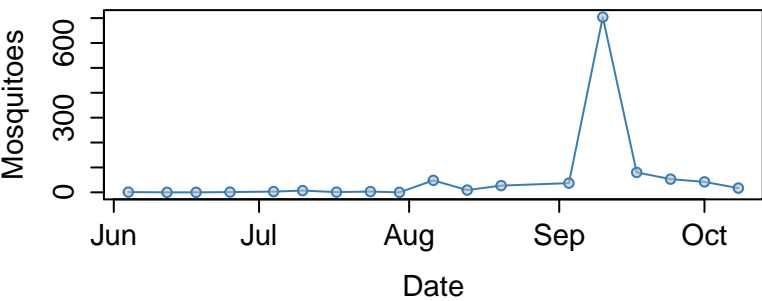
## Woodlands Subdivision (Tower Rd.)



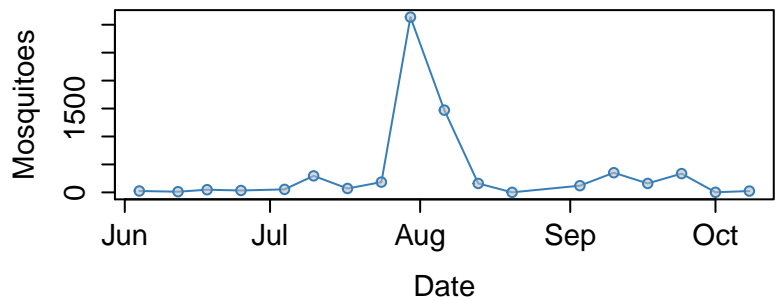
## SE 171 St. (Hawthorne)



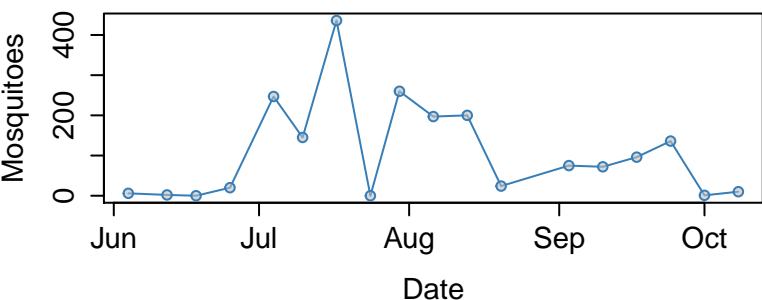
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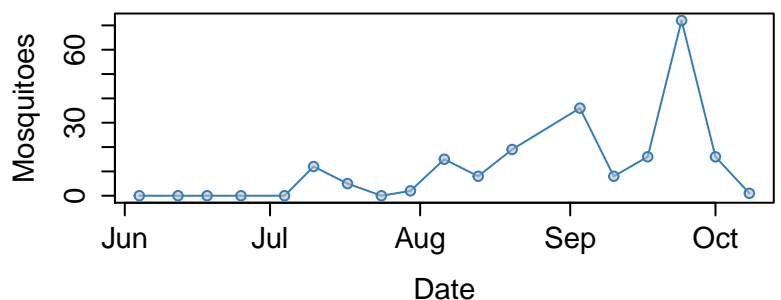
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## Hawthorne Chix Site

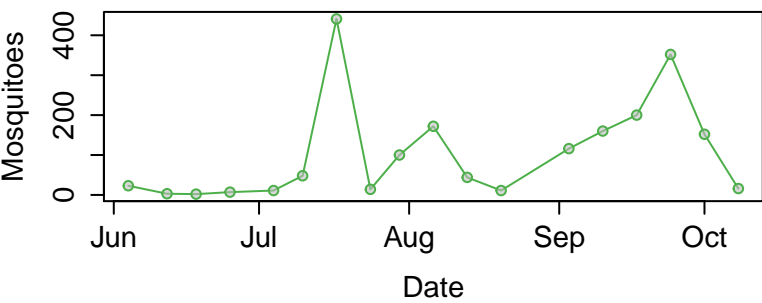


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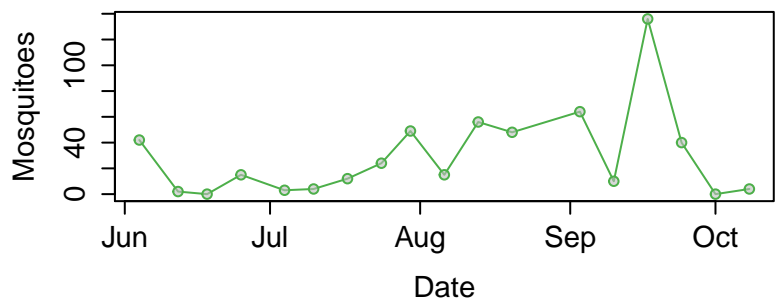


# EEEV vectors

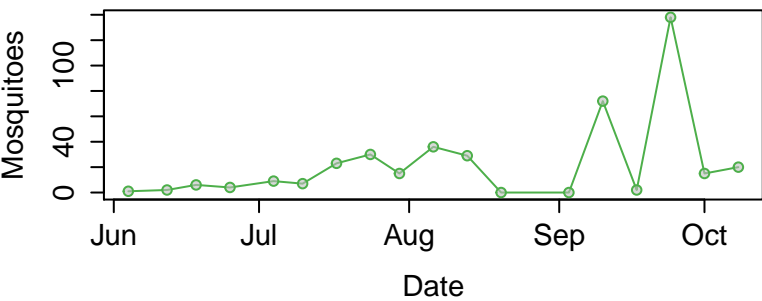
## Transfer Station NE 63 Ave.



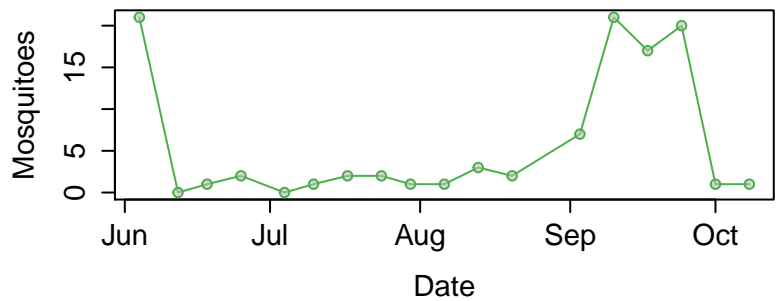
## Monteocha Park



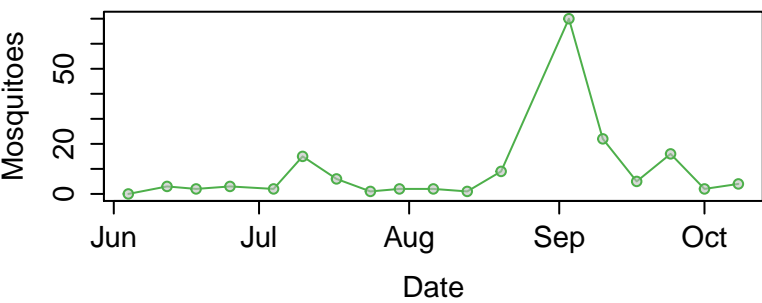
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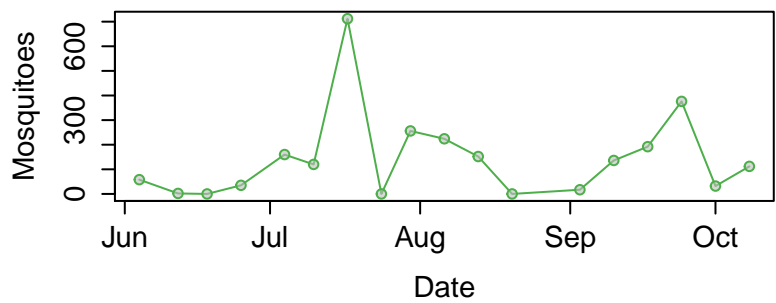
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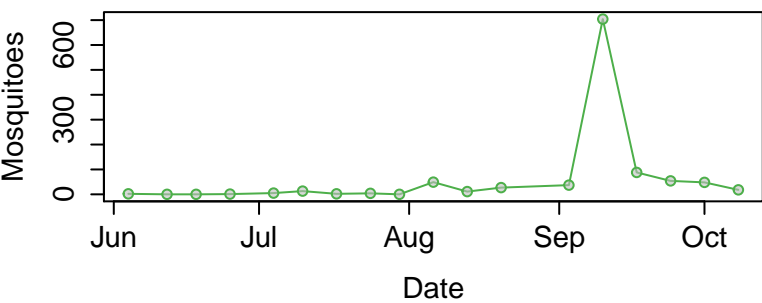
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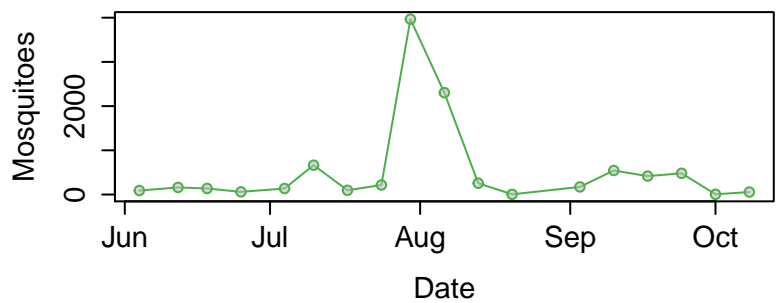
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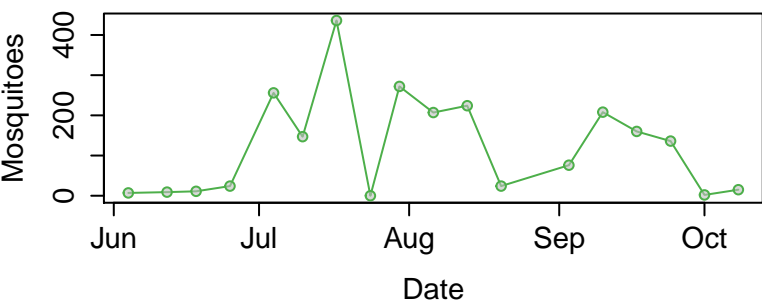
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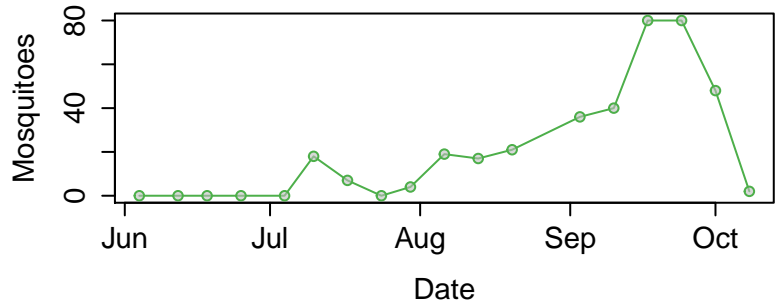
## Micanopy



## Hawthorne Chix Site

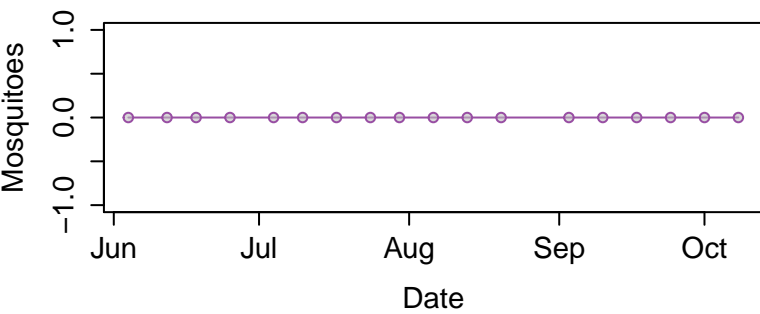


## UF AES NW 71 St.

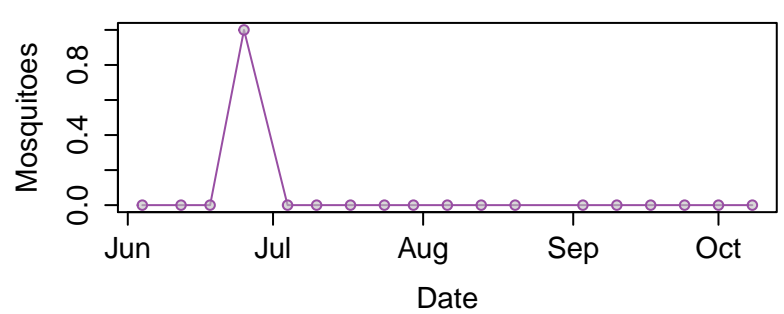


# Chikungunya vectors

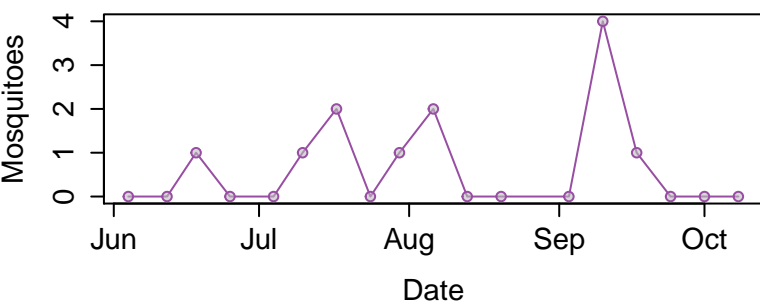
## Transfer Station NE 63 Ave.



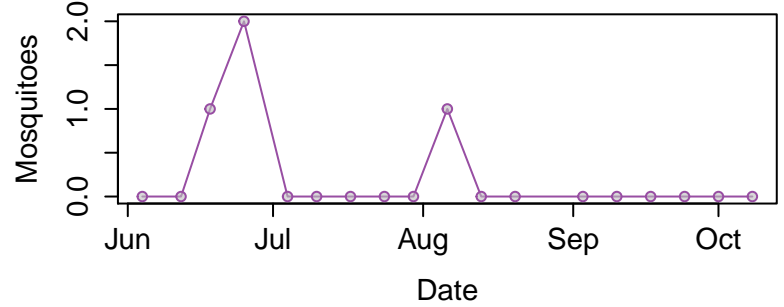
## Monteocha Park



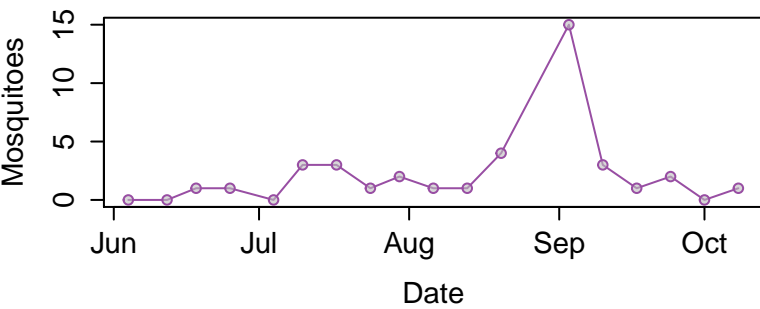
## CR 1491 High Springs



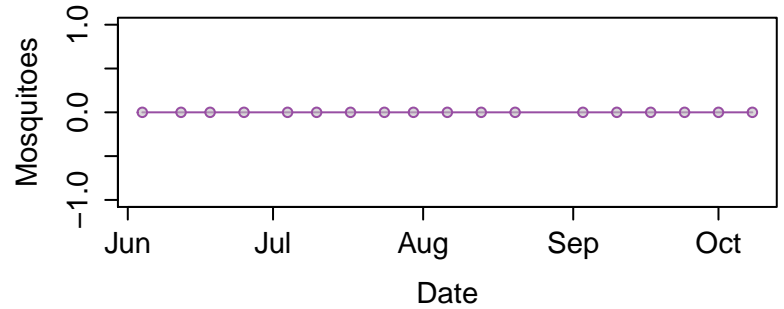
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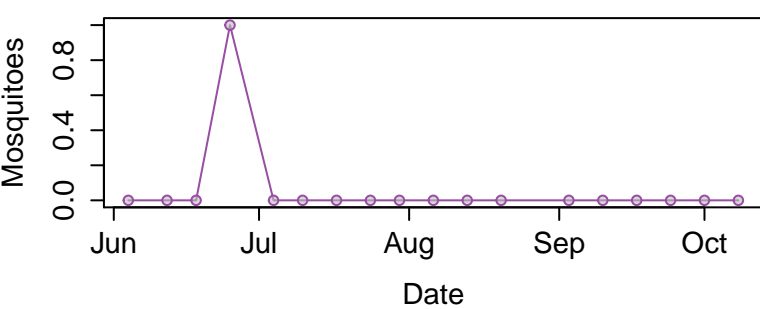
## Woodlands Subdivision (Tower Rd.)



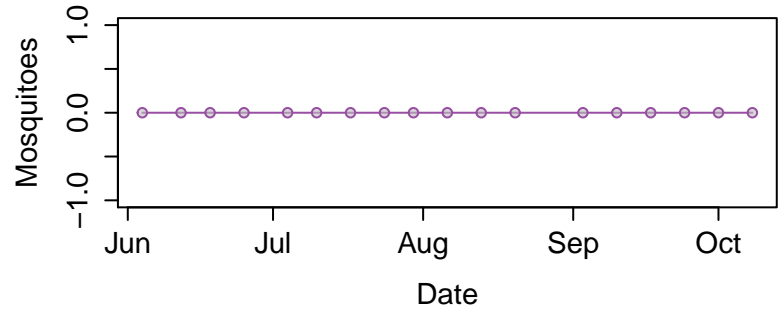
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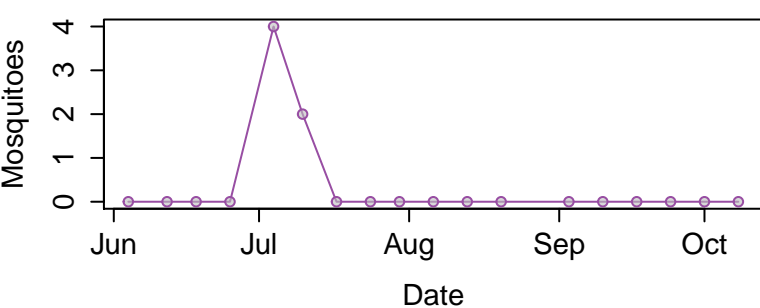
## Bowman Residence (Archer)



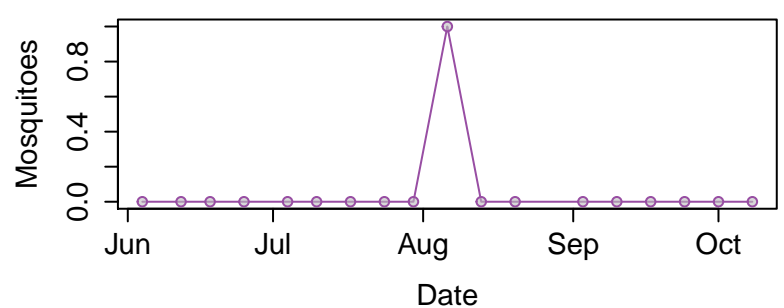
## Micanopy



## Hawthorne Chix Site

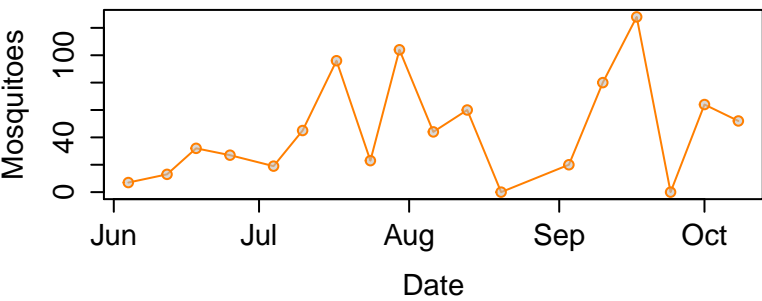


## UF AES NW 71 St.

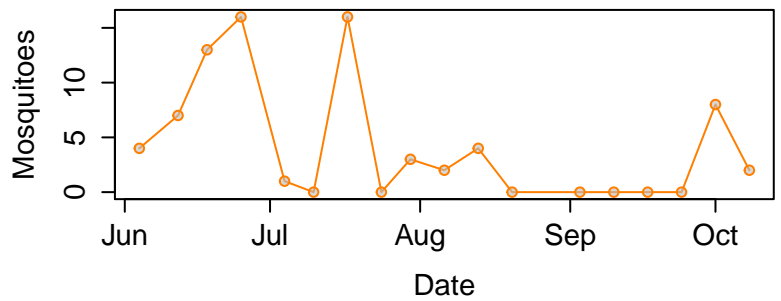


# Malaria vectors

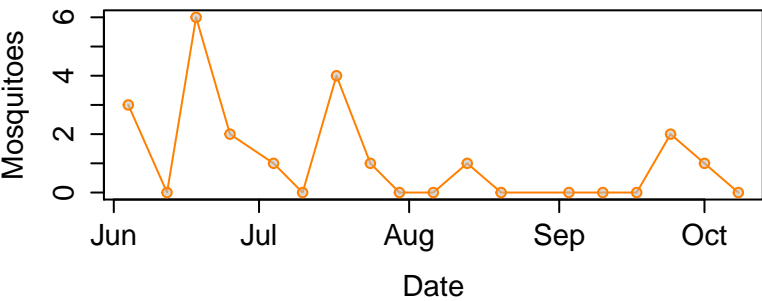
## Transfer Station NE 63 Ave.



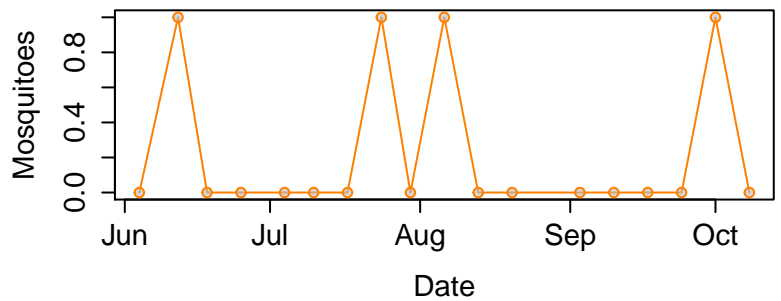
## Monteocha Park



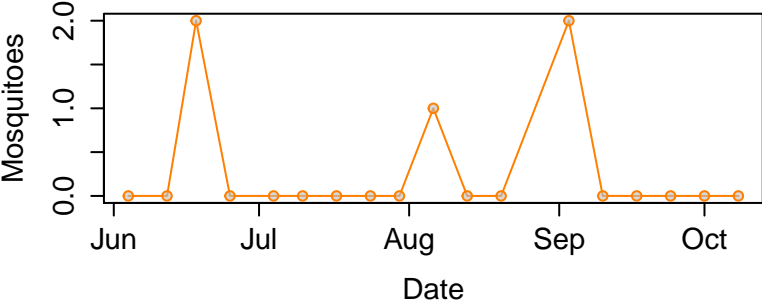
## CR 1491 High Springs



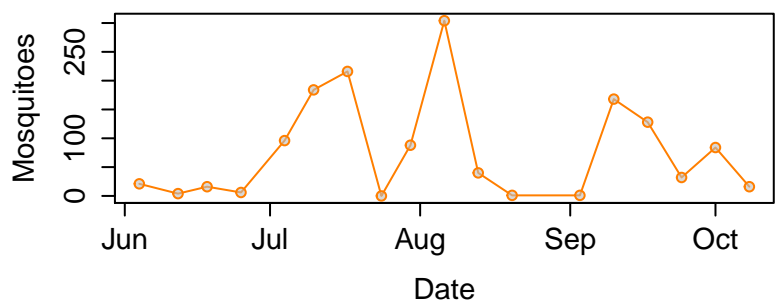
## LaPierre Home (High Springs)



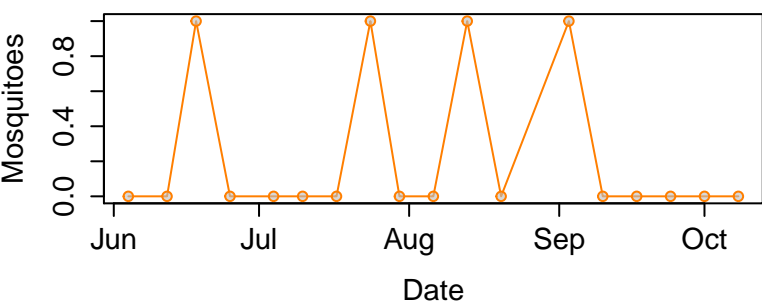
## Woodlands Subdivision (Tower Rd.)



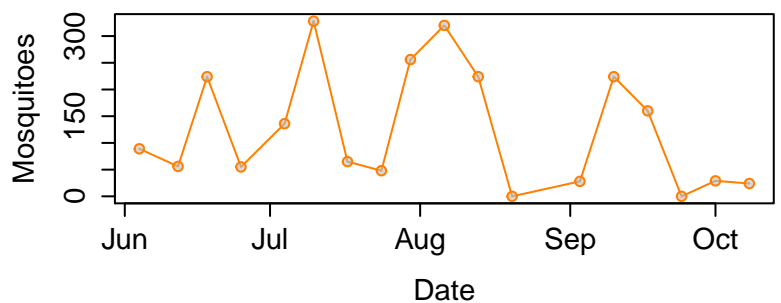
## SE 171 St. (Hawthorne)



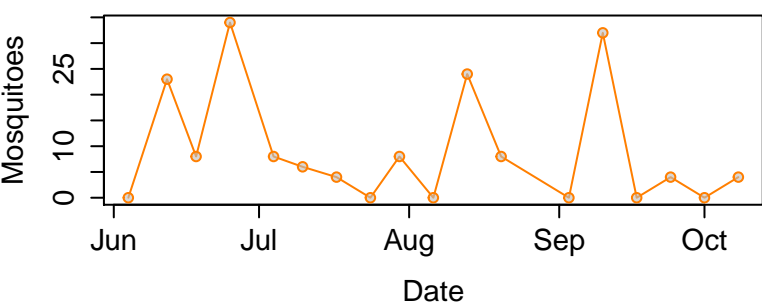
## Bowman Residence (Archer)



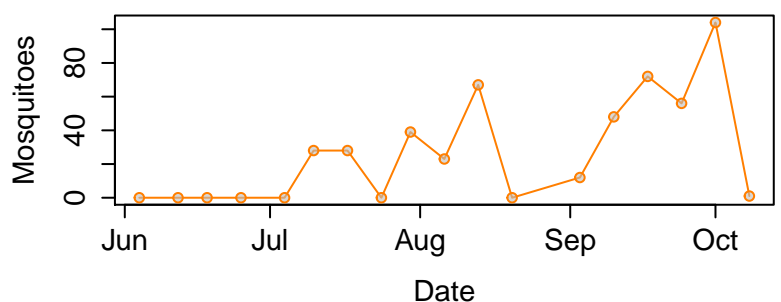
## Micanopy



## Hawthorne Chix Site



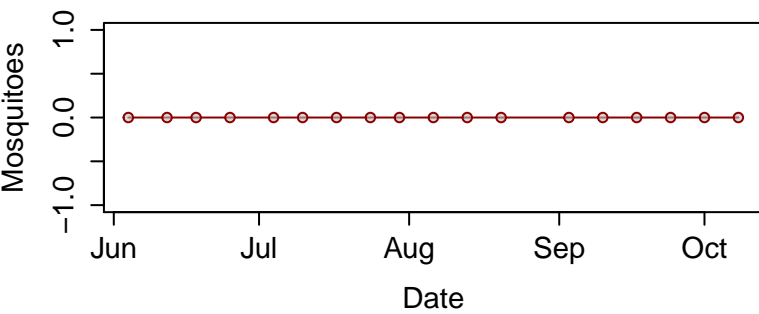
## UF AES NW 71 St.



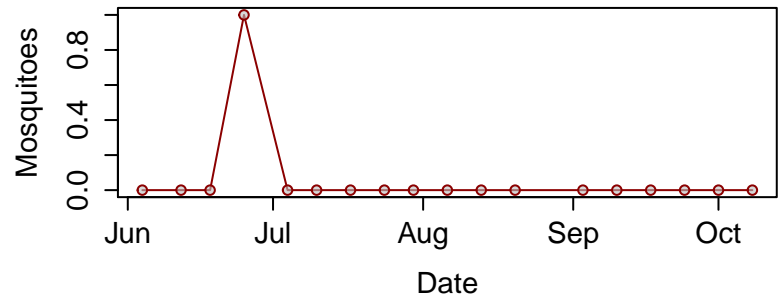


## Dengue vectors

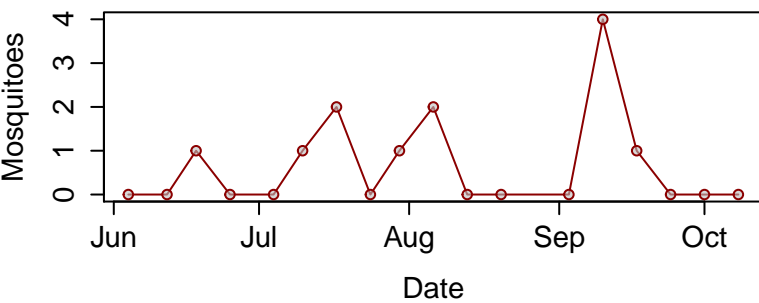
### Transfer Station NE 63 Ave.



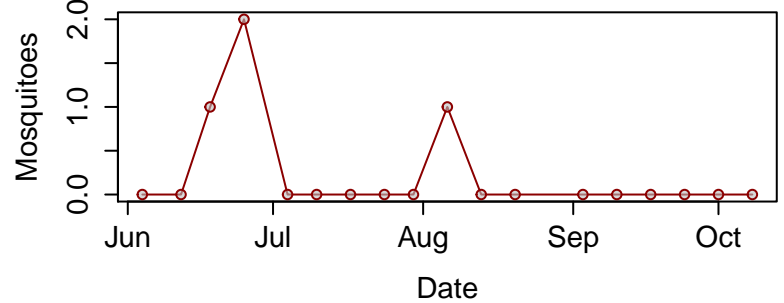
### Monteocha Park



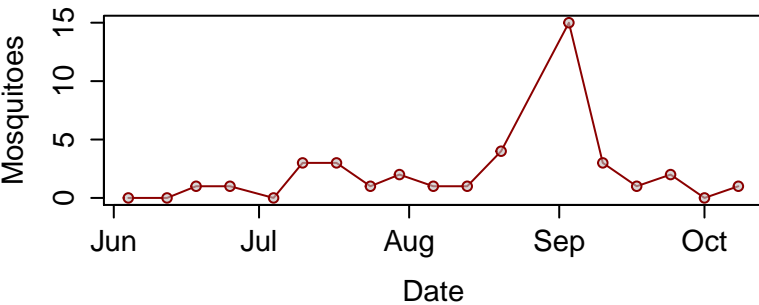
### CR 1491 High Springs



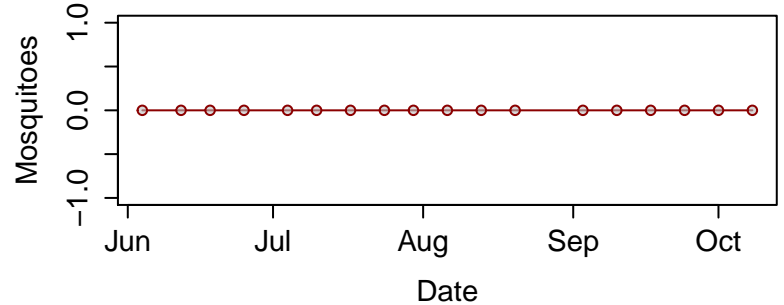
### LaPierre Home (High Springs)



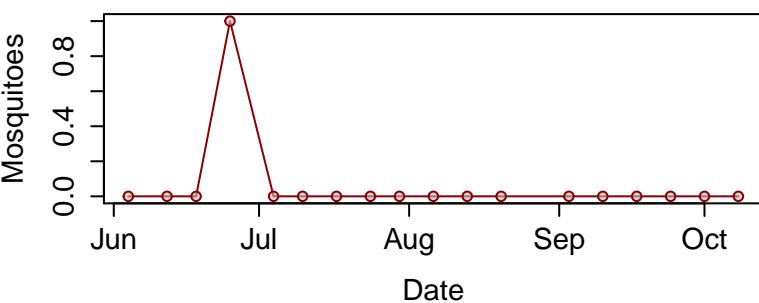
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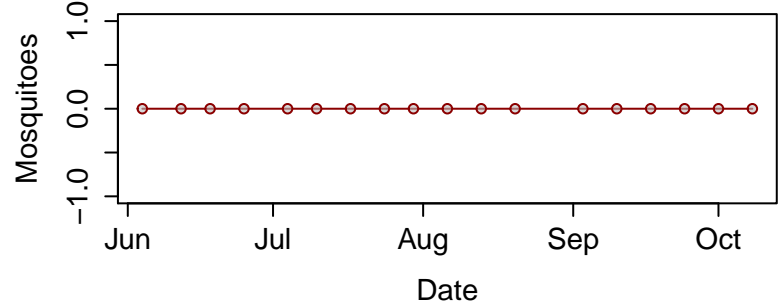
### SE 171 St. (Hawthorne)



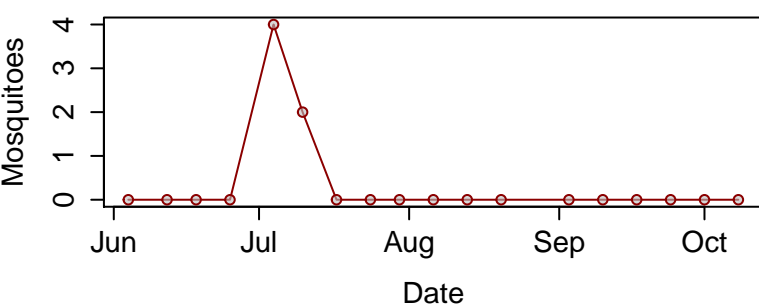
### Bowman Residence (Archer)



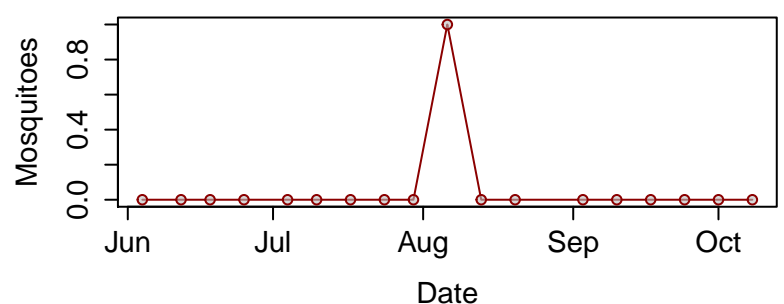
### Micanopy



### Hawthorne Chix Site

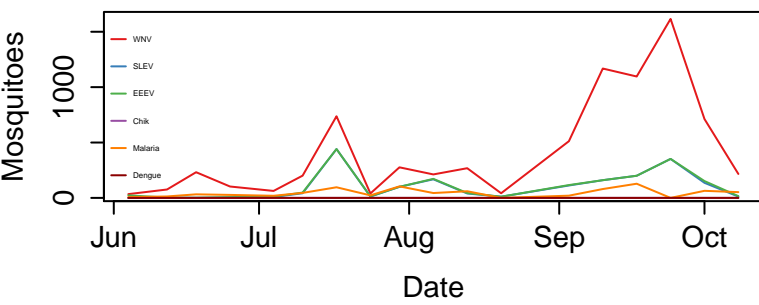


### UF AES NW 71 St.

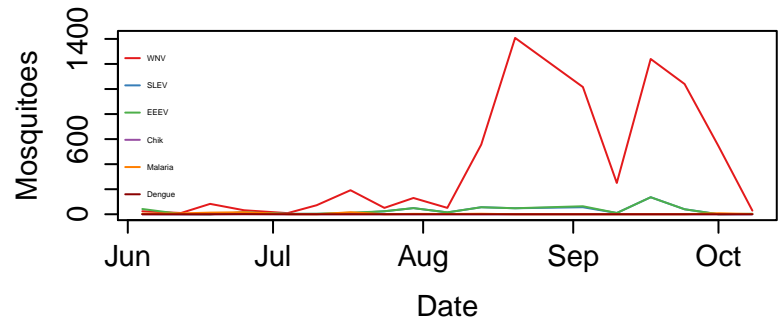


# All vectors

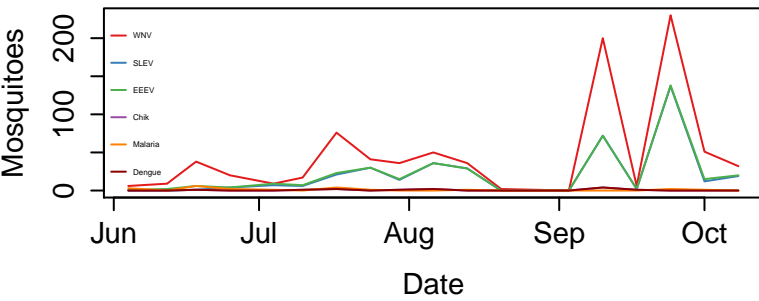
## Transfer Station NE 63 Ave.



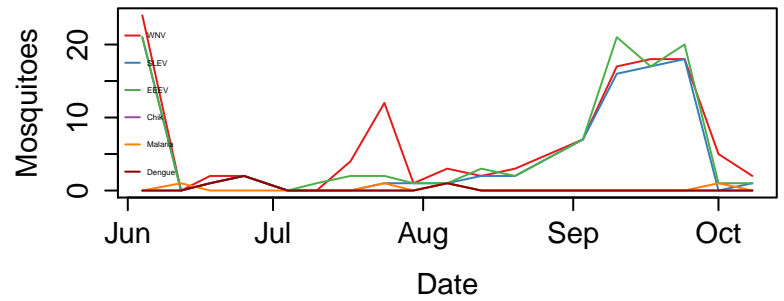
## Monteocha Park



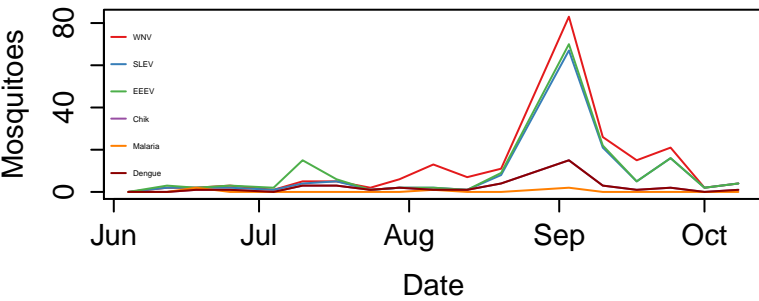
## CR 1491 High Springs



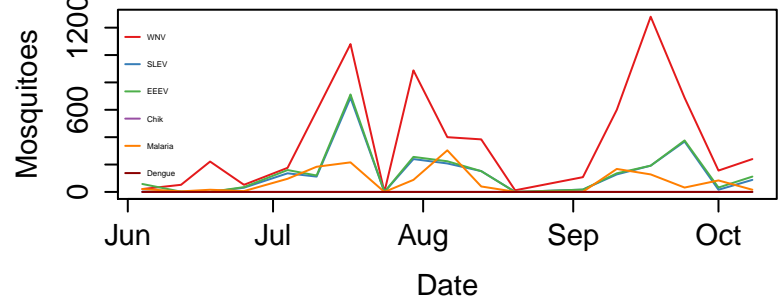
## LaPierre Home (High Springs)



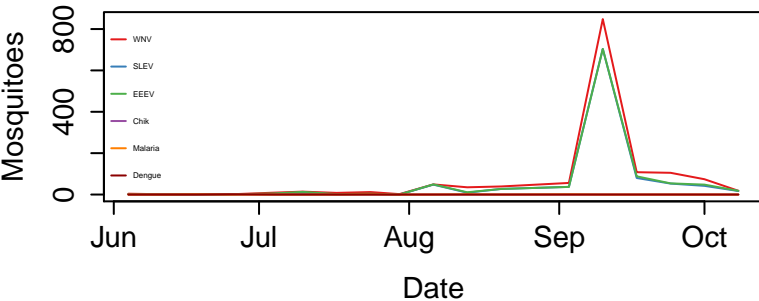
## Woodlands Subdivision (Tower Rd.)



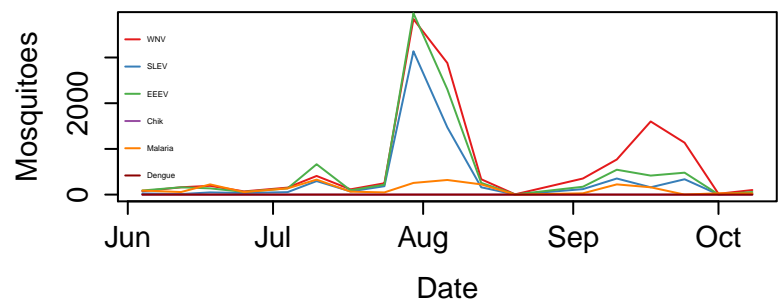
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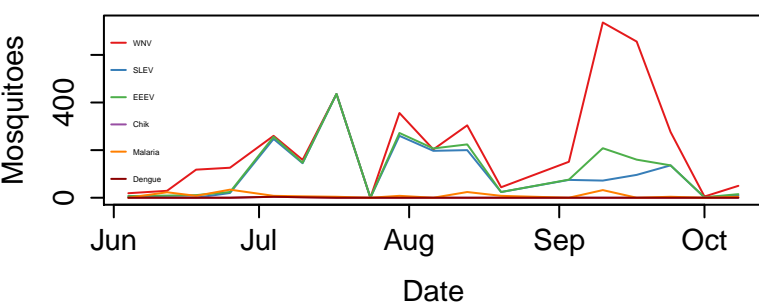
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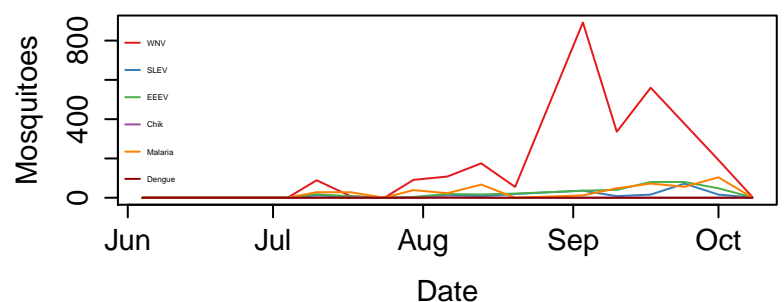
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## Hawthorne Chix Site

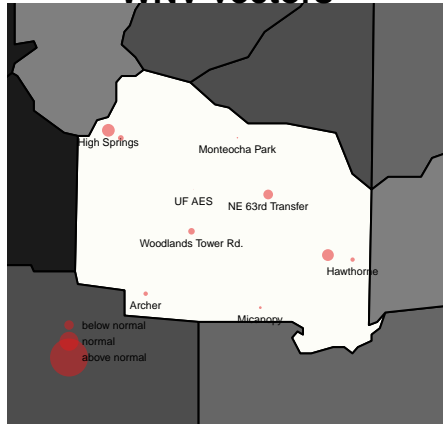


## UF AES NW 71 St.

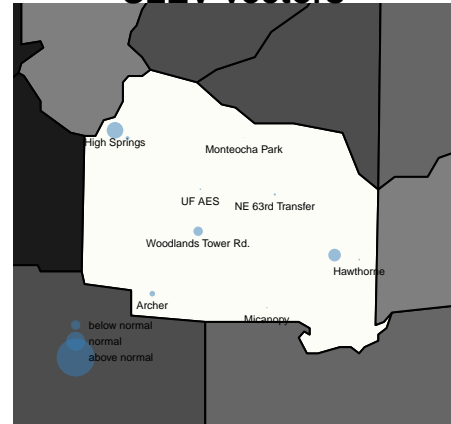


# Disease vectors by location

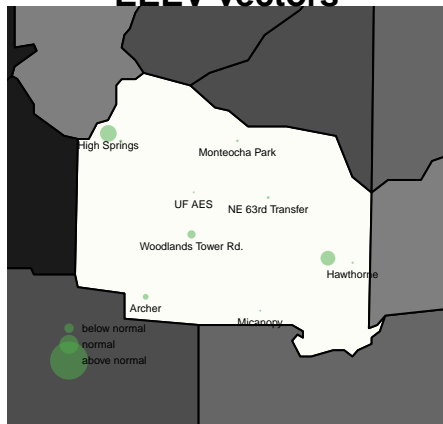
## WNV vectors



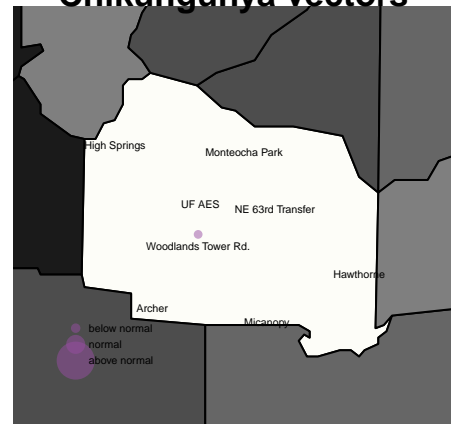
## SLEV vectors



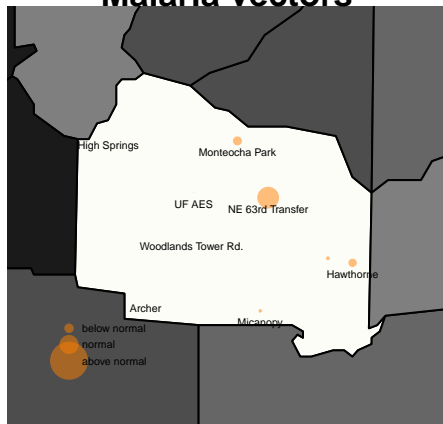
## EEEV vectors



## Chikungunya vectors



## Malaria vectors



## Dengue vectors

