

Mosquito Surveillance

Florida Department of Health - Alachua County

November 8, 2013

Joe Brew
Joseph.Brew@FLHealth.gov



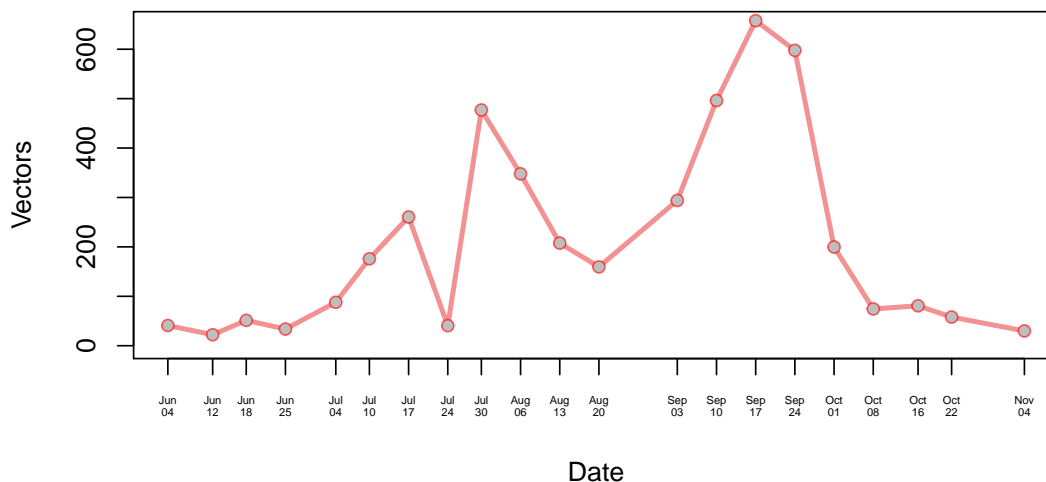
Contents

Overview	3
RECOMMENDATION	3
Disease Type Overview	4
Trap Site Overview	5
Trap Site Maps	6
Disease Type by Trap Site	7
West Nile Virus	7
St. Louis Encephalitis Virus	8
Eastern Equine Encephalitis Virus	9
Chikungunya	10
Malaria	11
Dengue	12

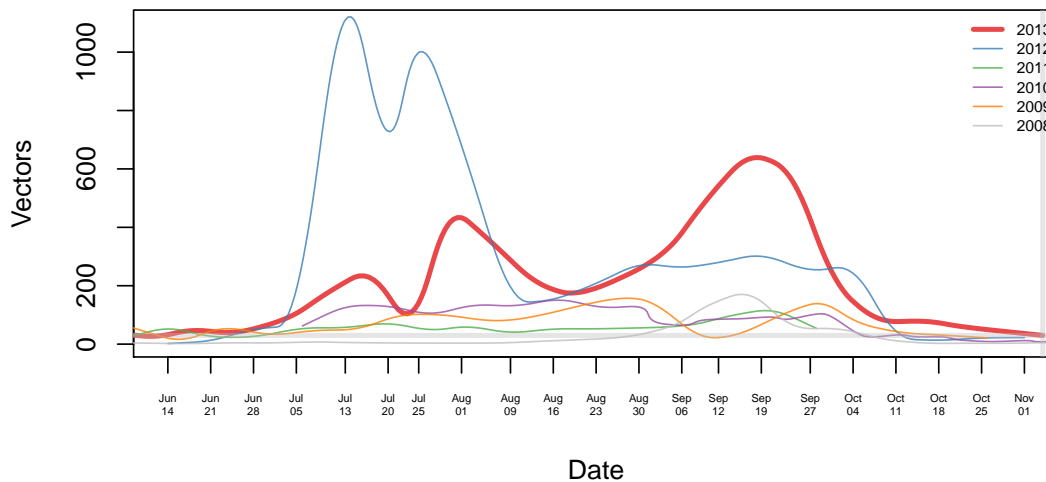
Overview

The number of mosquitoes capable of carrying disease (vectors) caught in local traps over the last four weeks remains low.

Average vector mosquitoes per trap, 2013



By historical standards, we are at normal (low) levels for this time of year.



Recommendation

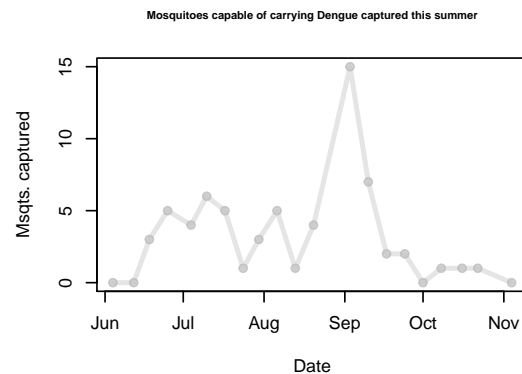
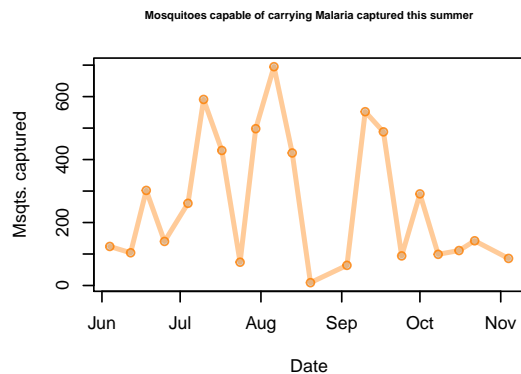
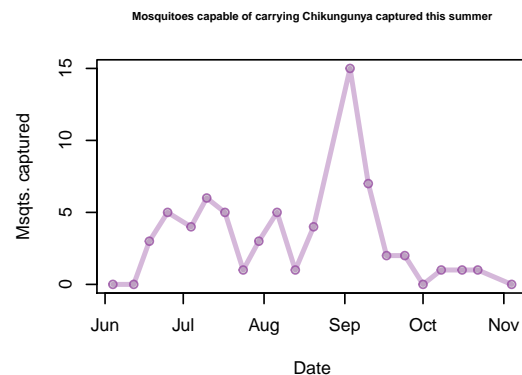
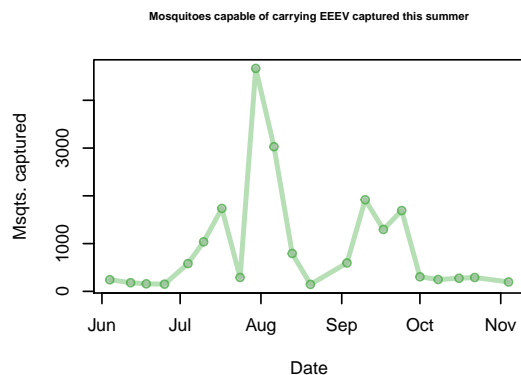
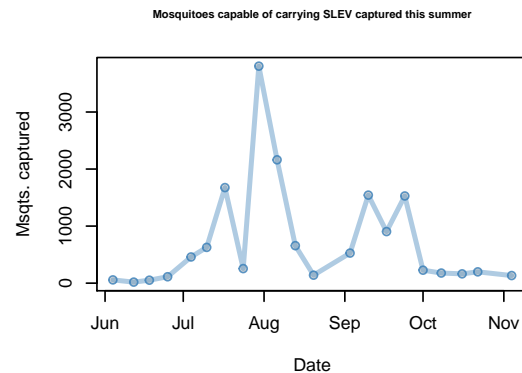
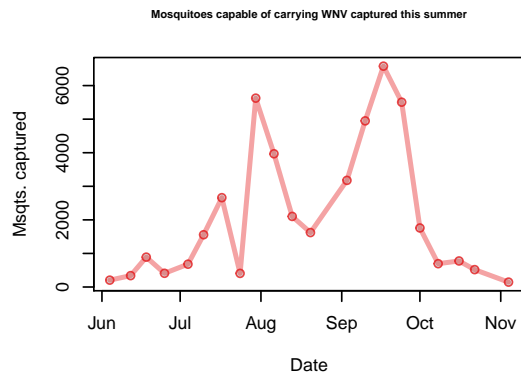
No action called for at this time.

Disease Type Overview

The populations of 6 vector types are monitored specifically for the diseases which they are capable of carrying. These disease types are:

1. WNV (West Nile Virus)
2. SLEV (St. Louis Encephalitis Virus)
3. EEEV (Eastern Equine Encephalitis Virus)
4. Chkungunya
5. Malaria
6. Dengue

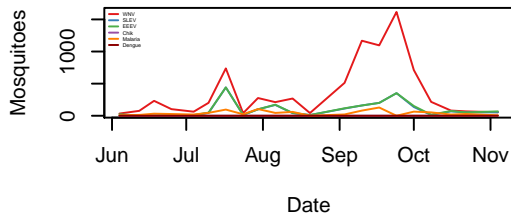
Of these vector types, 5 of the 6 declined or remained steady in the two most recent trappings. Only Malaria vectors saw an increase (albeit very slight relative to earlier this summer).



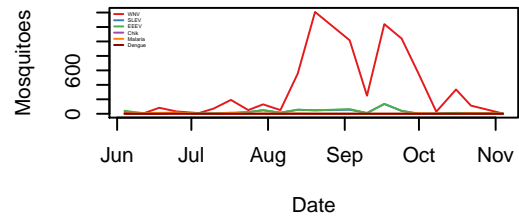
Trap Site Overview

All 10 trap sites are at low levels.

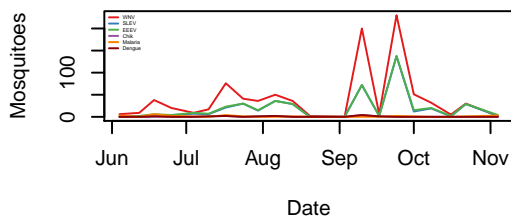
Transfer Station NE 63 Ave.



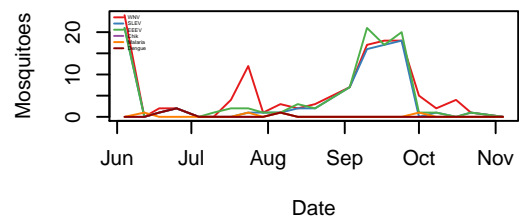
Monteocha Park



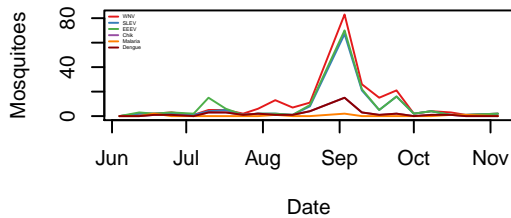
CR 1491 High Springs



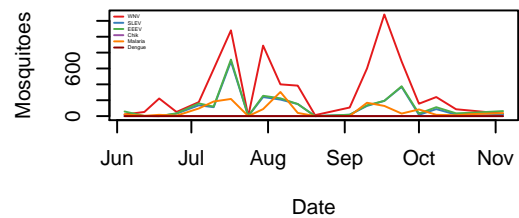
LaPierre Home (High Springs)



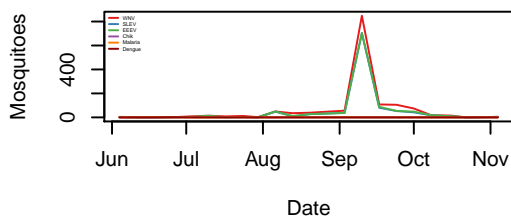
Woodlands Subdivision (Tower Rd.)



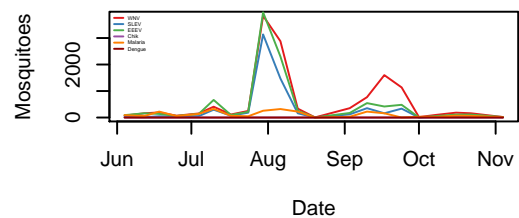
SE 171 St. (Hawthorne)



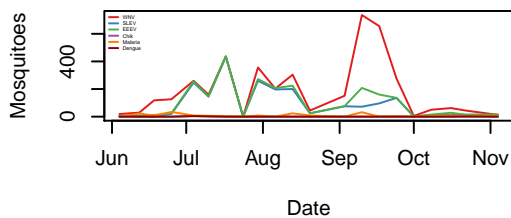
Bowman Residence (Archer)



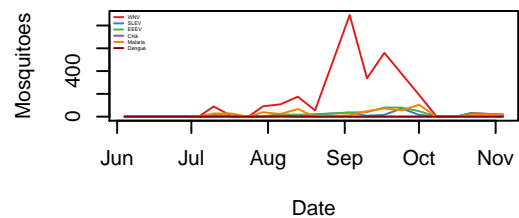
Micanopy



Hawthorne Chix Site

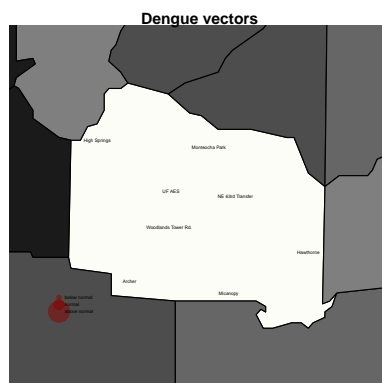
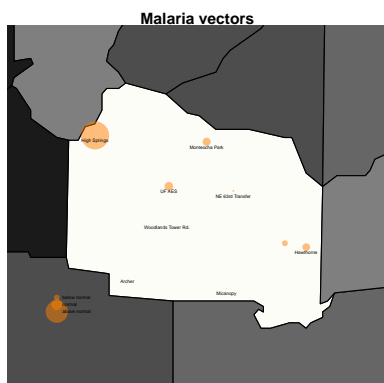
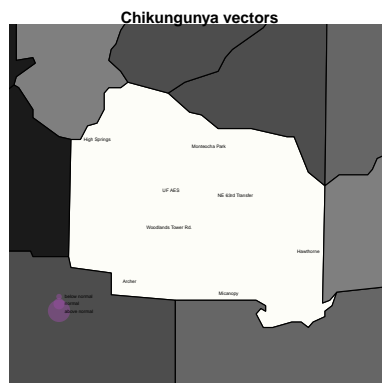
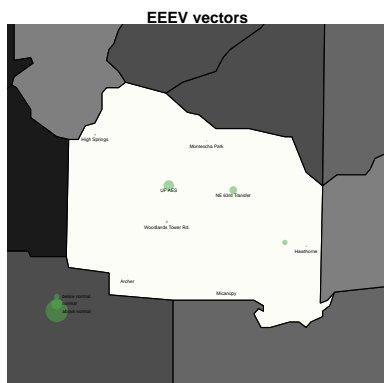
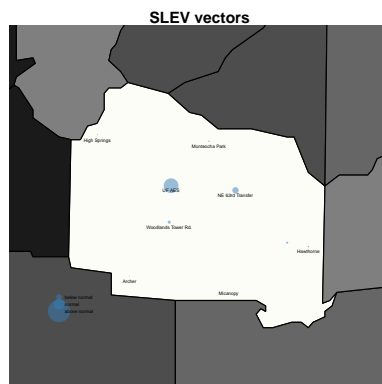
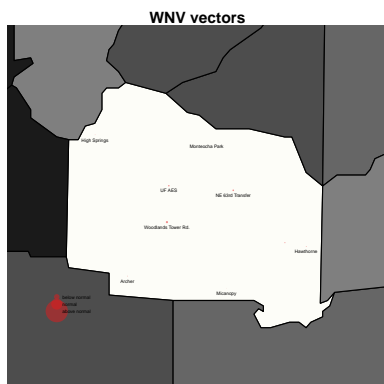


UF AES NW 71 St.



Trap Site Maps

Unlike in Septmeber (which saw particularly high levels in the North part of the county), recent trappings do not suggest abnormal geogrpahical spikes.

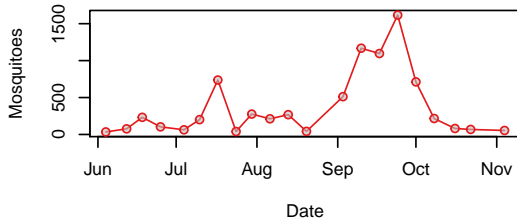


Disease Type by Trap Site

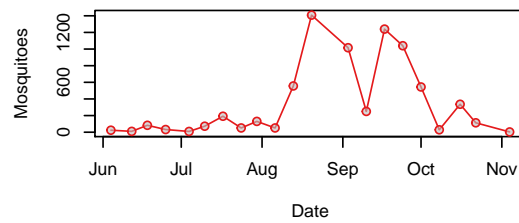
West Nile Virus

Vectors capable of carrying WNV remain low at all sites.

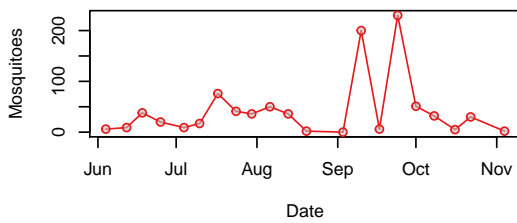
Transfer Station NE 63 Ave.



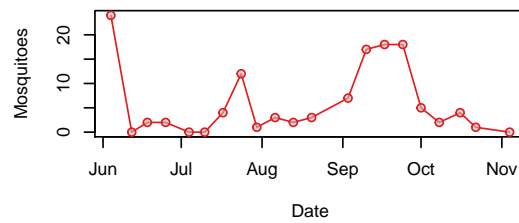
Monteocha Park



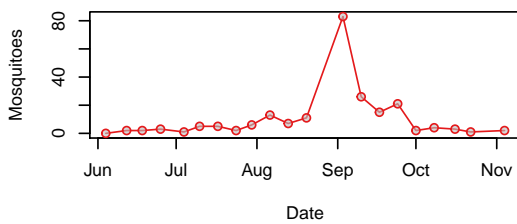
CR 1491 High Springs



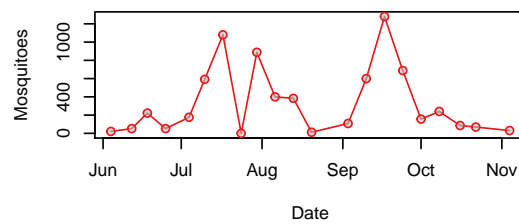
LaPierre Home (High Springs)



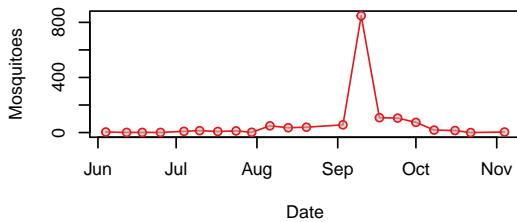
Woodlands Subdivision (Tower Rd.)



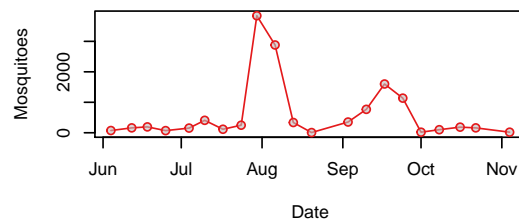
SE 171 St. (Hawthorne)



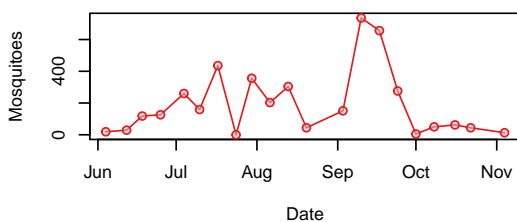
Bowman Residence (Archer)



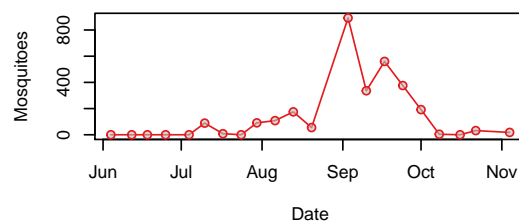
Micanopy



Hawthorne Chix Site

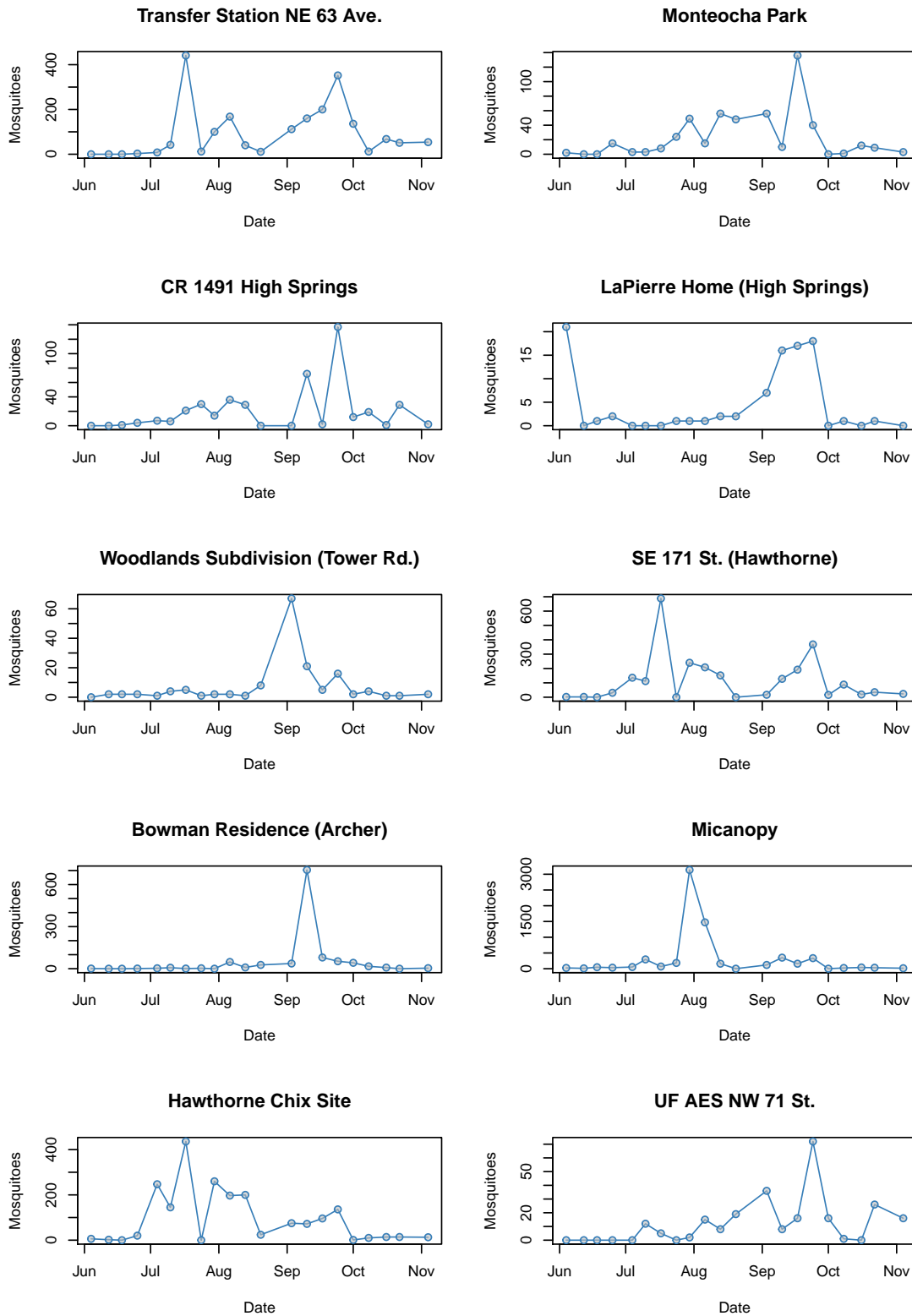


UF AES NW 71 St.



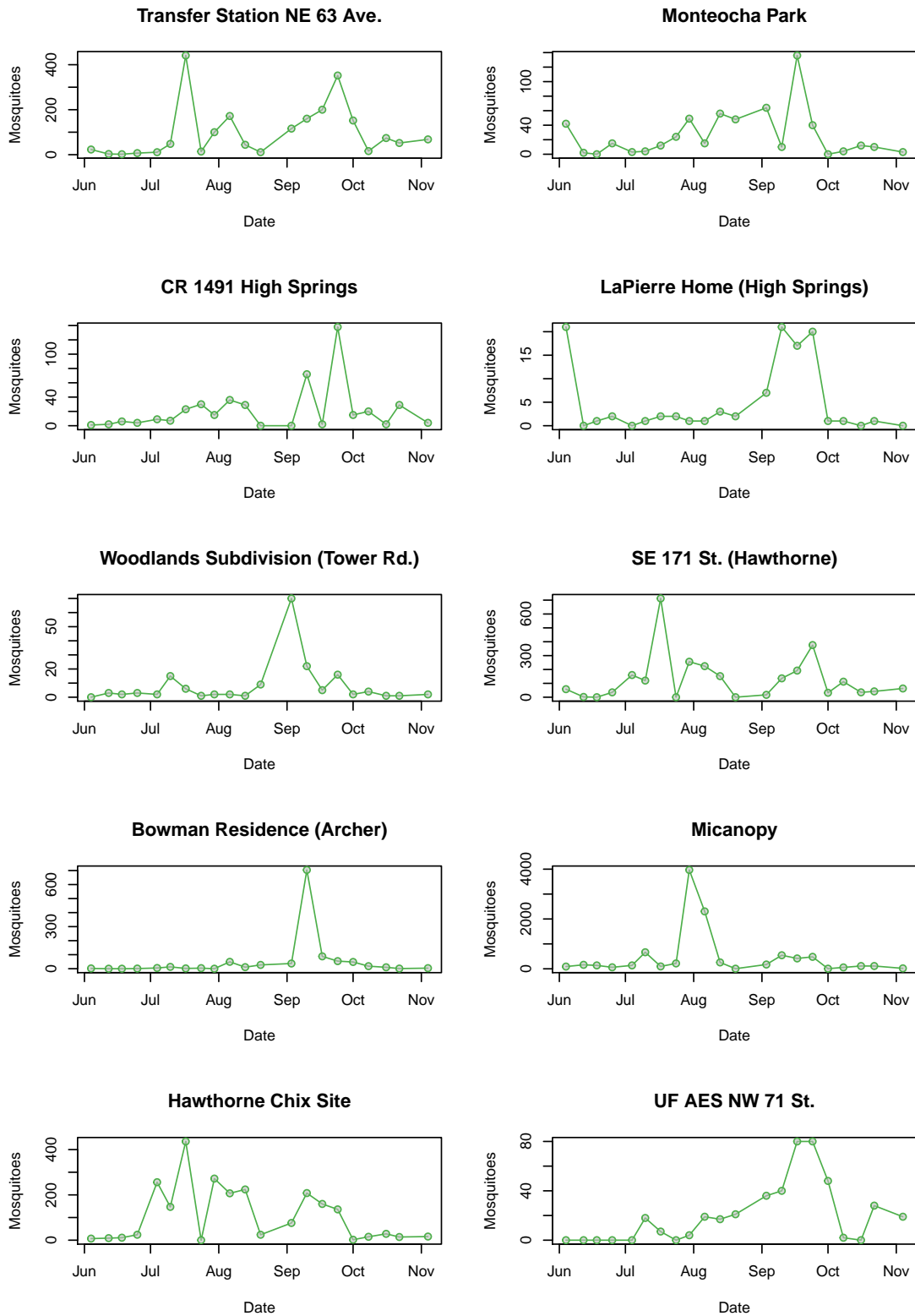
SLEV

Vectors capable of carrying SLEV remain low at all sites.



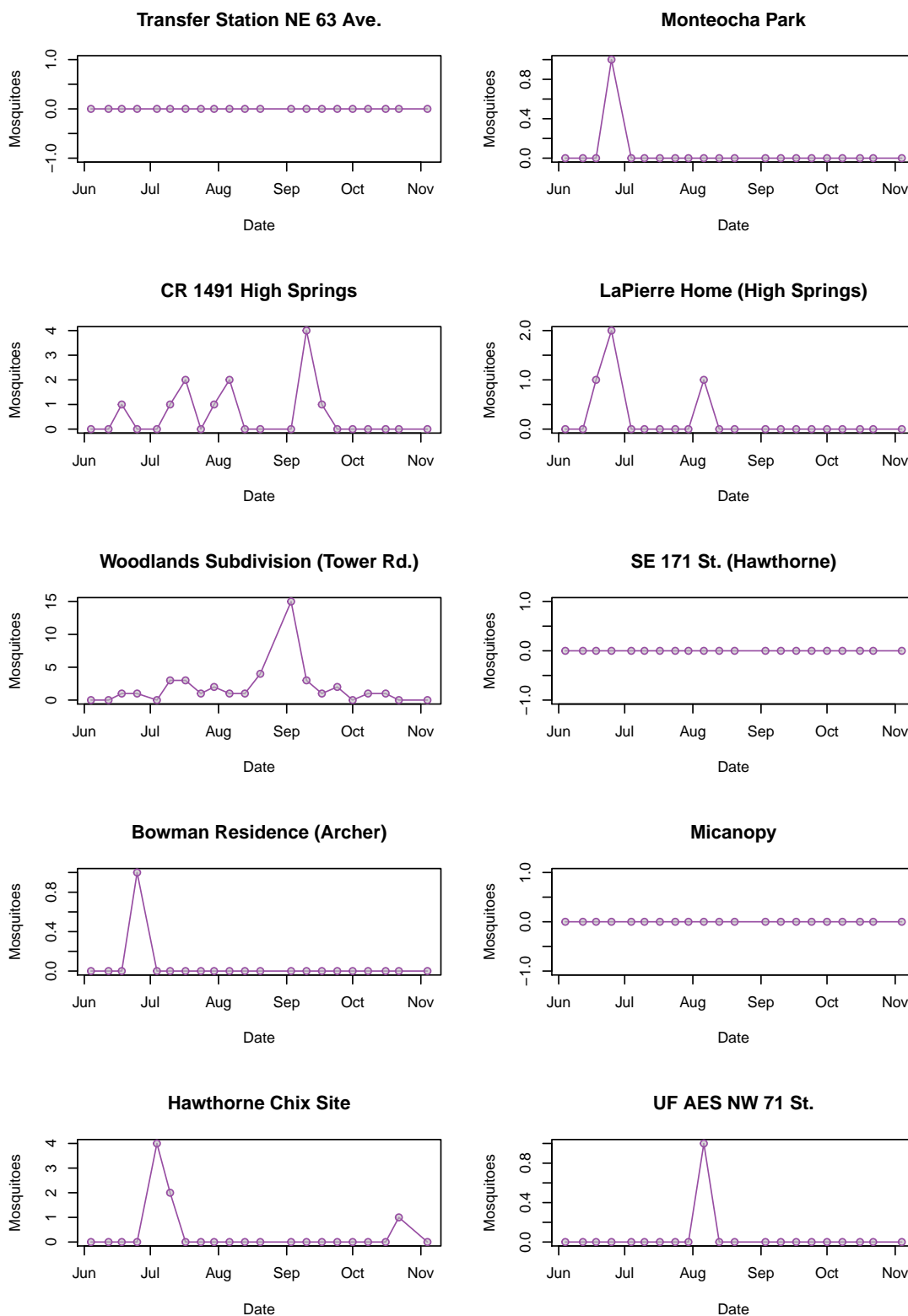
EEEV

Vectors capable of carrying EEEV remain low at all sites.



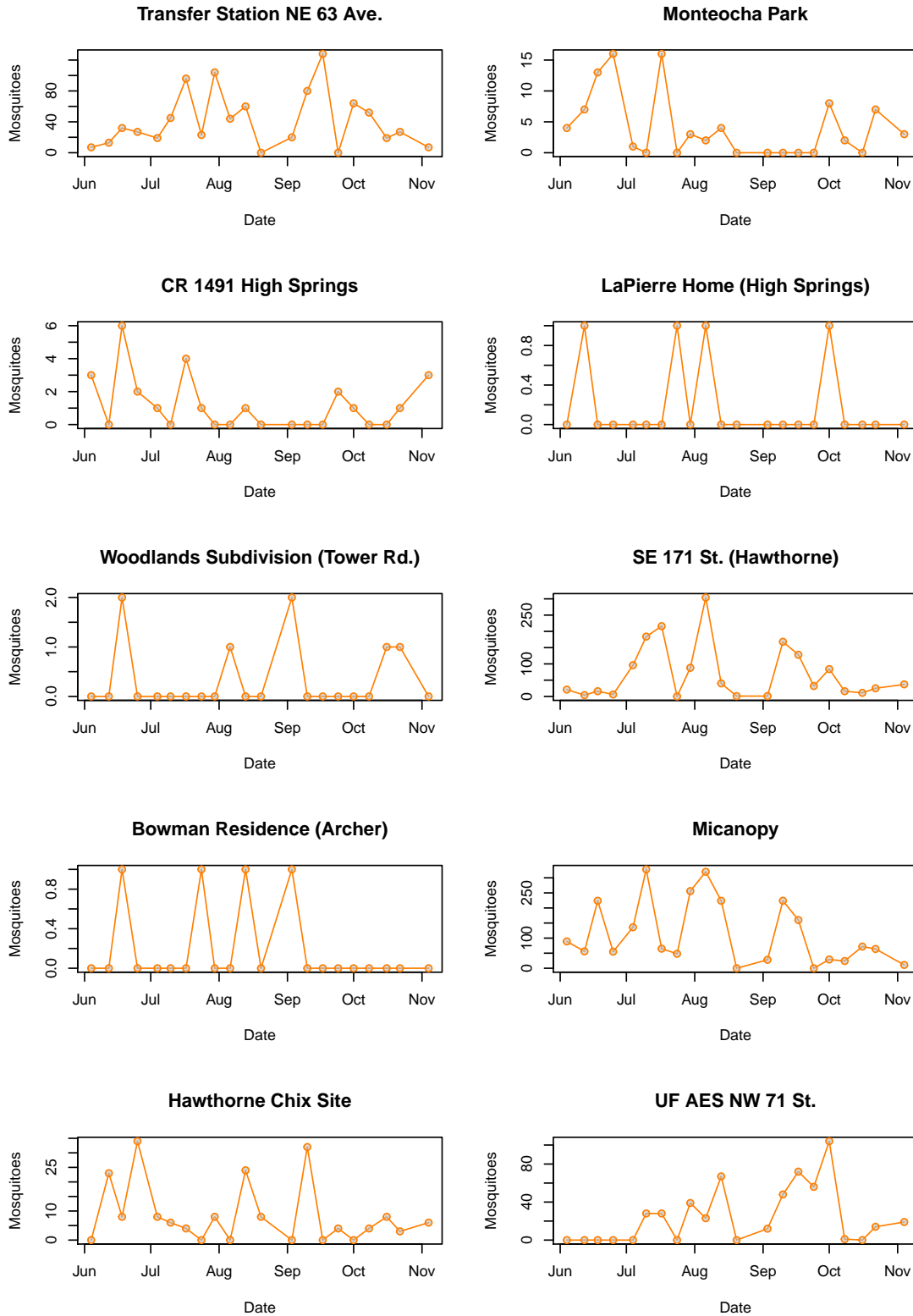
Chikungunya

Vectors capable of carrying Chikungunya remain low at all sites.



Malaria

Vectors capable of carrying Malaria remain low at all sites.



Dengue

Vectors capable of carrying Dengue remain low at all sites.

