



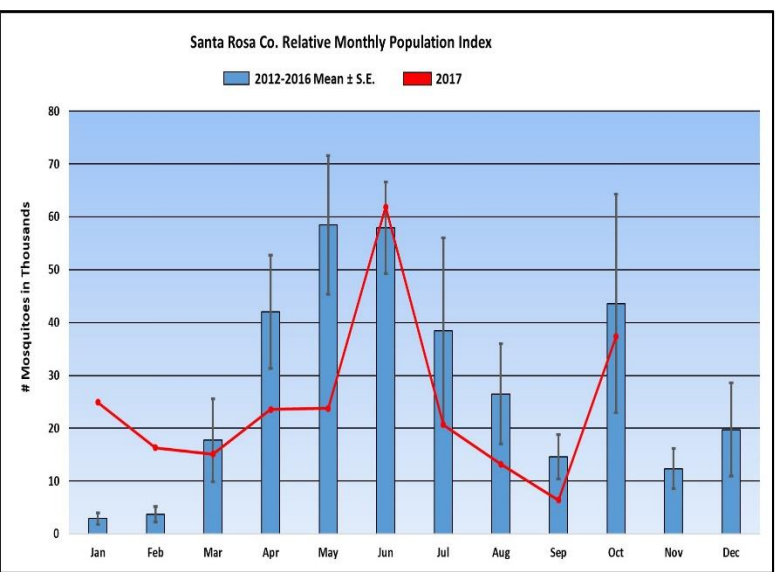
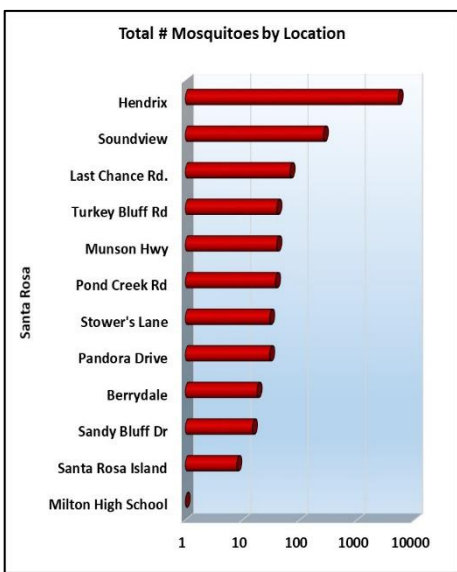
PANHANDLE MOSQUITO, ARBOVIRUS, PRECIPITATION, & RIVER REPORTS FOR WEEK ENDING OCTOBER 20, 2017

**Provided as a public service by:
 Santa Rosa, Okaloosa, and Leon Co. Mosquito Control Programs,
 Public Health Entomology Services, and Florida State University Panama City**

MOSQUITOES:

Santa Rosa Co.: *Culex nigripalpus* accounted for 95% of 14 species recovered. About 91% of the total number of mosquitoes came from the Hendrix location. Eight sites were above the spray threshold. Totals for the three collections in October are within the normal range of variation for the 5-year average.

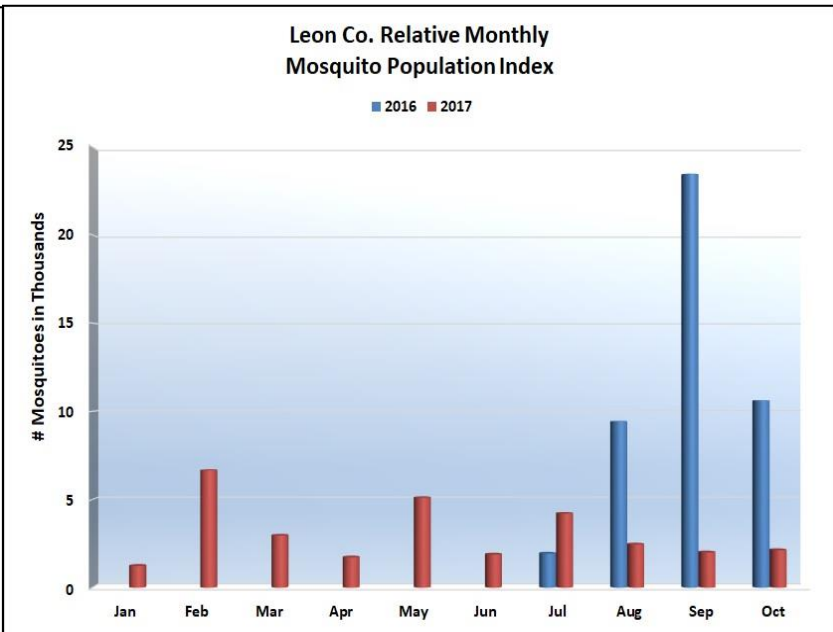
Trap Date	Santa Rosa Co. Mosquito Collection for October 17, 2017													
Sum of # Mosquitoes	Column Labels	Soundview	Last Chance Rd.	Turkey Bluff Rd	Munson Hwy	Pond Creek Rd	Stower's Lane	Pandora Drive	Berrydale	Sandy Bluff Dr	Santa Rosa Island	Milton High School	Grand Total	% of Total
17-Oct	Hendrix													
	Santa Rosa													
	<i>Cx. nigripalpus</i>	5248	4	15	7	12	5	8	14	5	6		5480	95
	<i>An. crucians</i>		96			22	4	5	2	1			130	2
	<i>Ae. vexans</i>			61	2	2	25	17	3	3	9	1	123	2
	<i>Ae. atlanticus</i>					22			16				38	1
	<i>Ae. sp.</i>		4			1							5	0
	<i>Cx. erraticus</i>		4										4	0
	<i>Ps. ferox</i>			1		1	1						3	0
	<i>Cx. coronator</i>				1	2							3	0
	<i>Cx. sp.</i>							2					2	0
	<i>Ur. sapphirina</i>			1									1	0
	<i>Ae. albopictus</i>							1					1	0
	<i>Ae. triseriatus</i>			1									1	0
	<i>Ae. infirmatus</i>					1							1	0
	<i>Ae. sollicitans</i>										1		1	0
	<i>Cx. quinquefasciatus</i>							1					1	0
	<i>Cx. salinarius</i>								1				1	0
	None											0	0	0
Grand Total		5248	260	68	40	40	38	30	30	18	15	8	5795	100



Okaloosa Co.: *No surveillance available this week.*

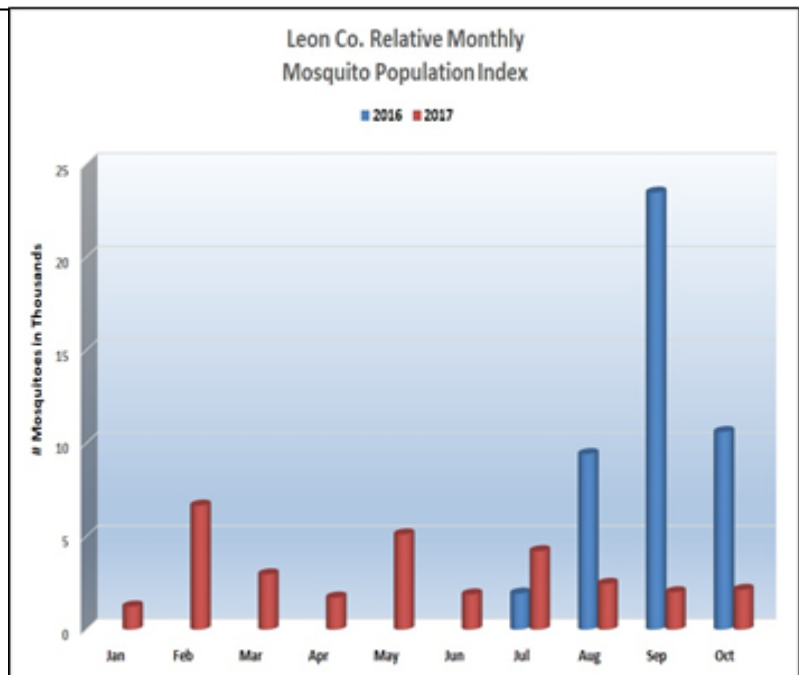
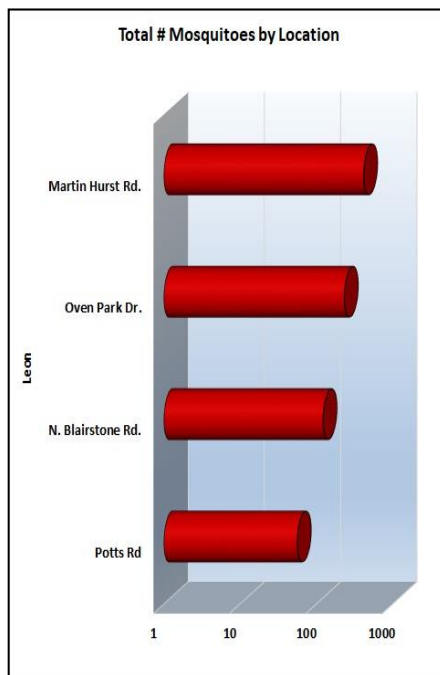
Leon Co. October 3: *Aedes infirmatus*, *Aedes albopictus*, and *Aedes vexans* accounted for 62% of 14 species collected. N. Blairstone Rd. had the greatest number of mosquitoes. Six of the seven sites were above the spray threshold.

Trap Date	3-Oct	Leon Co. Collection Report for October 3, 2017							
Sum of # Mosquitoes	Column Labels								
Row Labels	N. Blairstone Rd.	Tyson Rd.	Munson Blvd	Northwest Passage	Potts Rd	Gum Rd	Aenon Church Rd	Grand Total	% of Total
Leon									
<i>Ae. infirmatus</i>	384		1		45			430	33
<i>Ae. albopictus</i>	112	40	28	8		3	1	192	15
<i>Ae. vexans</i>	96	72		4	1	1	3	177	14
<i>Cq. perturbans</i>		48	20	16		2	2	88	7
<i>Cx. erraticus</i>		16	36	28				80	6
<i>Ps. ferox</i>	48		12	4	3			67	5
<i>Cx. nigripalpus</i>		56						56	4
<i>Ma. titillans</i>		8	28		1	12	2	51	4
<i>Cx. sp.</i>			28	16	1			45	3
<i>An. quadrimaculatus</i>		24		16				40	3
<i>An. crucians</i>		8	4	8	4	4	3	31	2
<i>Cx. coronator</i>		24					2	26	2
<i>Ae. sp.</i>			12	4		1		17	1
<i>Cs. melanura</i>						5		5	0
<i>Ae. canadensis</i>							1	1	0
<i>Ps. ciliata</i>						1		1	0
Grand Total	640	296	169	104	55	29	14	1307	100



Leon Co. October 4: *Aedes infirmatus* and *Aedes albopictus* accounted for 56% of 10 species collected. Martin Hurst Rd. had the greatest number of mosquitoes. All sites were above the spray threshold.

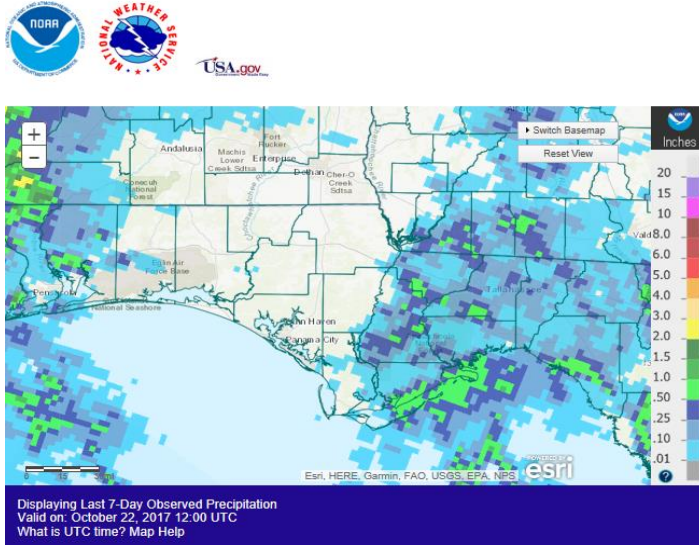
Trap Date	4-Oct	Leon Co. Collection Report for October 4, 2017				
Sum of # Mosquitoes	Column Labels					
Row Labels	Martin Hurst Rd.	Oven Park Dr.	N. Blairstone Rd.	Potts Rd	Grand Total	% of Total
Leon						
<i>Ae. infirmatus</i>	368	132	98	33	631	76
<i>Ae. albopictus</i>	24	80	16		120	15
<i>Ps. ferox</i>	16	4	8	7	35	4
<i>Cx. nigripalpus</i>		4		5	9	1
<i>Ae. vexans</i>		8		1	9	1
<i>Cx. coronator</i>	8				8	1
<i>An. crucians</i>				8	8	1
<i>An. quadrimaculatus</i>		4			4	0
<i>Cq. perturbans</i>				1	1	0
<i>Ae. fulvus pallens</i>				1	1	0
Grand Total	416	232	122	56	826	100



PRECIPITATION: Weekly

0-0.50" of rainfall fell in the western portion of the panhandle, with most falling in Escambia and Santa Rosa counties. Areas along the gulf coast in these counties showed an average of 2" less rainfall than normal. The eastern portion of the panhandle received between 0.10-0.50" of rainfall; no areas in this region showed a departure from normal rainfall amounts.

7-day Observed Accumulation:



7-day Departure from Normal:



RIVERS REPORTED NEAR FLOOD STAGES:

- Big Coldwater Creek near Milton: Mon.-Tues.
- Blackwater River near Baker: Mon.-Tues.
- Yellow River at Milligan: Tues.-Fri.
- Choctawhatchee River at Caryville: Thur.

RIVERS REPORTED MINOR FLOODING:

Shoal River near Crestview: Mon.-Fri.

Source: <http://water.weather.gov/precip/>

**Panhandle Arbovirus Reports for October 14 – October 20, 2017 & Year-to-Date:
(Sources: Florida Mosquito Control Agencies, FDOH, & FDACS)**

Locally-Acquired Human Cases:

Current Week			
County	Arbovirus	Onset Date	# Positive
None			

Year to Date			
County	Arbovirus	Onset Date	# Positive
Escambia	WNV	8/24	1
Santa Rosa	WNV	9/4	1

Confirmed Sentinel Chickens (WNV, EEEV, & SLEV):

Current Week			
County	Arbovirus	Collection Dates	# Positive
S. Walton	WNV	10/9	2

Year to Date			
County	Arbovirus	Collection Dates	# Positive
Bay	WNV	8/28	1
Leon	EEEV	7/17, 8/7, 8/14, 8/28, 9/5	9
Leon	SLEV	8/22	1
Leon	WNV	9/27	3
Walton	WNV	3/7, 3/14, 3/20, 4/13, 6/5, 7/10, 7/26, 7/31, 8/21, 9/12, 9/20, 9/27, 10/2, 10/9	19
Walton	EEEV	4/24, 6/5, 6/19, 6/26, 7/10, 7/17, 7/24, 7/31, 8/7, 8/9, 8/14, 8/21, 8/28, 8/29	20
Walton	SLEV	6/21	1
Walton	Alpha	7/31	2

Animal Cases:

Current Week			
County	Arbovirus	Onset Dates	# Positive
None			

Year to Date			
County	Arbovirus	Onset Dates	# Positive
Bay	WNV	8/28	1
Franklin	EEEV	7/17	1
Wakulla	EEEV	7/24	1
Okaloosa	EEEV	8/7	1
Santa Rosa	EEEV	8/27	1

Mosquito Pool ZikV, DenV, ChikV, FDACS and FDOH Test Results:

No tests week of Oct. 14-20

**2017 Panhandle Counties with Zika cases, Mosquito-borne Illness
“Alert” or “Advisories”:**

Zika travel-related cases:

Walton Co. (1)

Alert & Advisories:

Escambia Co.

Santa Rosa Co.

NOTE: To view the blue links below, position cursor over the link, press and hold the CNTRL Key, and click the mouse.

Archived statewide FDOH reports can be found at:

<http://www.doh.state.fl.us/Environment/medicine/arboviral/Weekly-Summary.html>

**Select CDC & S.E. Regional Mosquito and Mosquito-borne Disease Reports
in the News:**

Georgia

[Georgia's sixth West Nile death confirmed in Polk County](#)

Northwest Georgia News

ROME - Public Health officials have confirmed Georgia's sixth West Nile virus (WNV) death this year, an elderly Polk County resident with underlying ...

Mississippi

[2 new cases of West Nile virus reported in Mississippi](#)

WAPT Jackson

The Mississippi State Department of Health is confirming two new cases of West Nile virus. That brings the total so far this year to 60 cases of the ...