



# PANHANDLE MOSQUITO, ARBOVIRUS, PRECIPITATION, & RIVER REPORTS FOR WEEK ENDING NOVEMBER 9, 2017 UPDATED

\*Note: Mosquito numbers updated for Soundview location in Santa Rosa Co.; were 16X previous amount stated.\*

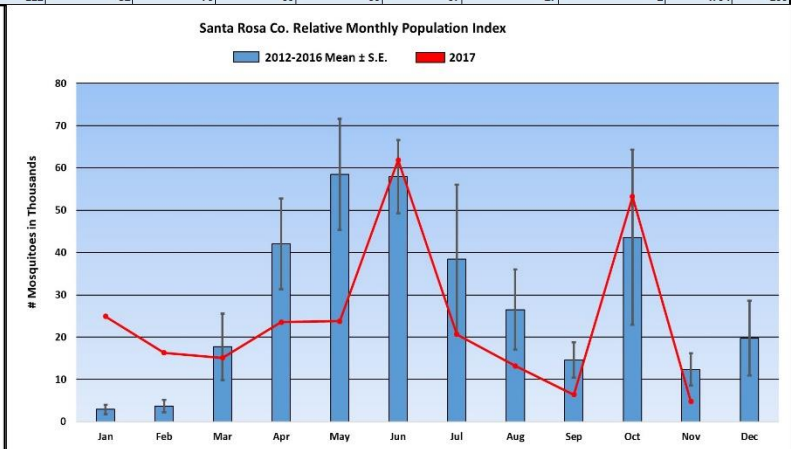
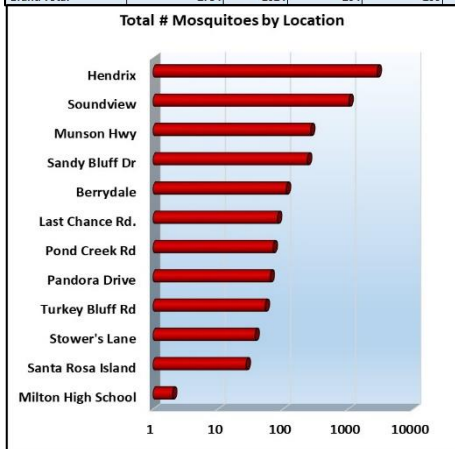
Provided as a public service by:  
**Santa Rosa and Okaloosa Co. Mosquito Control Programs  
 and Florida State University Panama City**

**\*\*Note: Weekly report for only 6 days, ending November 9<sup>th</sup> due to  
 Veteran's Day Holiday observed Friday November 10<sup>th</sup>\*\***

## MOSQUITOES:

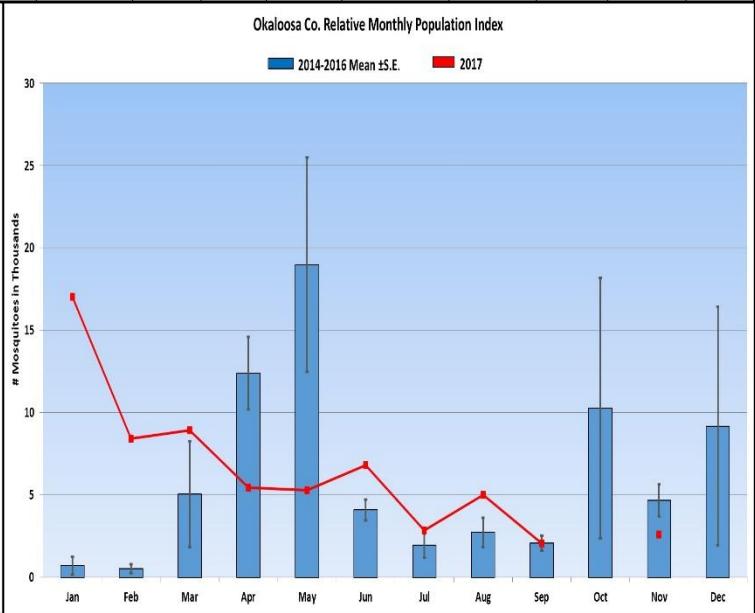
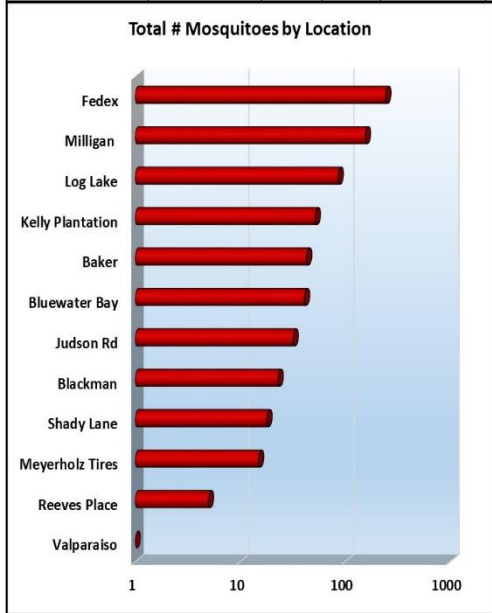
**Santa Rosa Co.:** *Culex nigripalpus* accounted for 71% of 19 species recovered. The highest number of mosquitoes came from Hendrix at about 59% of the total, the second highest from Soundview at 22%. Eleven sites were above the spray threshold. The total for the first collection in November is trending within the normal range of variation for the 5-year average.

Trap Date	7-Nov														
County	Santa Rosa														
<b>Santa Rosa Co. Mosquito Collection for November 7, 2017</b>															
Sum of # Mosquitoes	Column Labels	Hendrix	Soundview	Munson Hwy	Sandy Bluff Dr	Berrydale	Last Chance Rd.	Pond Creek Rd	Pandora Drive	Turkey Bluff Rd	Stower's Lane	Santa Rosa Island	Milton High School	Grand Total	% of Total
<i>Cx. nigripalpus</i>	2464	672	20	72	46	6	15	55	5	14	20			3389	71
<i>An. crucians</i>	192	272	8	56	3	1	41	10					1	584	12
<i>Ps. ferox</i>	32		136	24	1	32					1			226	5
<i>Ae. vexans</i>			20	76	34	67	11	1	2	8				219	5
<i>Ur. sapphirina</i>	64	64			2					1				131	3
<i>Ae. infirmatus</i>			32		2	1	3	3		1	4			46	1
<i>Ae. atlanticus</i>			36				5	2						43	1
<i>Ma. titillans</i>	32													32	1
<i>Cx. salinarius</i>				16			1					2		19	0
<i>Cx. sp.</i>		16								1				17	0
<i>Ae. triseriatus</i>				12			1	2						15	0
<i>Cs. melanura</i>			8							3	2			13	0
<i>Cx. quinquefasciatus</i>			4											4	0
<i>Cx. coronator</i>				4										4	0
<i>Ps. columbiae</i>						3								3	0
<i>Ae. sp.</i>					2									2	0
<i>Ae. albopictus</i>								1	1					2	0
<i>An. perplexans</i>					2									2	0
<i>Ae. taeniorhynchus</i>													1	1	0
<i>Ae. canadensis</i>									1					1	0
<i>Ae. sollicitans</i>												1		1	0
<b>Grand Total</b>	<b>2784</b>	<b>1024</b>	<b>264</b>	<b>236</b>	<b>112</b>	<b>82</b>	<b>70</b>	<b>63</b>	<b>53</b>	<b>37</b>	<b>27</b>	<b>2</b>	<b>4754</b>	<b>100</b>	



**Okaloosa Co.:** *Aedes infirmatus* and *Culex nigripalpus* accounted for 72% of 13 species collected. Fedex and Milligan had the greatest total number of mosquitoes. Seven sites were above the spray threshold. Totals for the second collection in November are within the range of variation of the three year average. **\*\*Note: Trap for Valparaiso was not ran due to trap malfunction\*\***

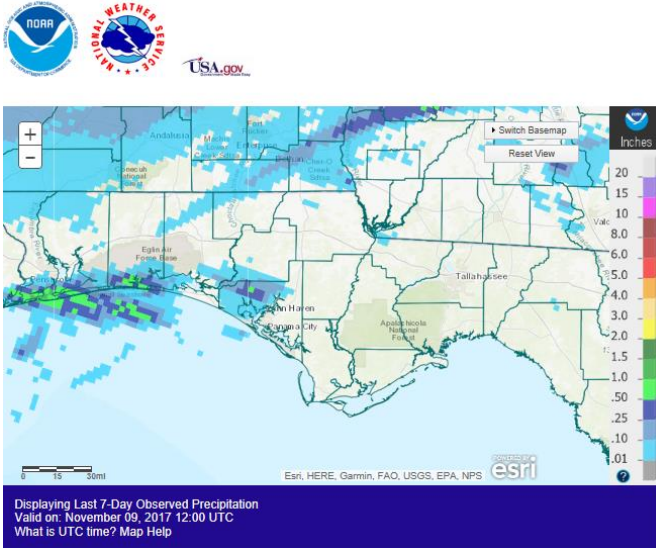
Trap Date	7-Nov														
County	Okaloosa														
Okaloosa Co. Mosquito Collection for November 7, 2017															
Sum of # Mosquitoes	Column Labels														
Row Labels	Fedex	Milligan	Log Lake	Kelly Plantation	Baker	Bluewater Bay	Judson Rd	Blackman	Shady Lane	Meyerholz Tires	Reeves Place	Valparaiso	Grand Total	% of Total	
<i>Cx. nigripalpus</i>	140	6	14	41	39	21	17	1		12			291	41	
<i>Ae. infirmatus</i>	64	102	32	2		1	6	8	1		4		220	31	
<i>Ps. ferox</i>	8	2	24		2		3	13	6				58	8	
<i>Ae. vexans</i>	20	4	10	6	1		5		5	2			53	7	
<i>Ae. atlanticus</i>	4	32	6			7		1					50	7	
<i>An. crucians</i>		8				12							20	3	
<i>Ae. albopictus</i>				1					4	1	1		7	1	
<i>Cs. melanura</i>	4						1						5	1	
<i>Ae. canadensis</i>	4				1								5	1	
<i>An. perplexans</i>		2											2	0	
<i>Cx. erraticus</i>				2									2	0	
<i>Cx. quinquefasciatus</i>									1				1	0	
<i>Ae. triseriatus</i>									1				1	0	
None												0	0	0	
Grand Total	244	156	86	52	43	41	32	23	18	15	5	0	715	100	



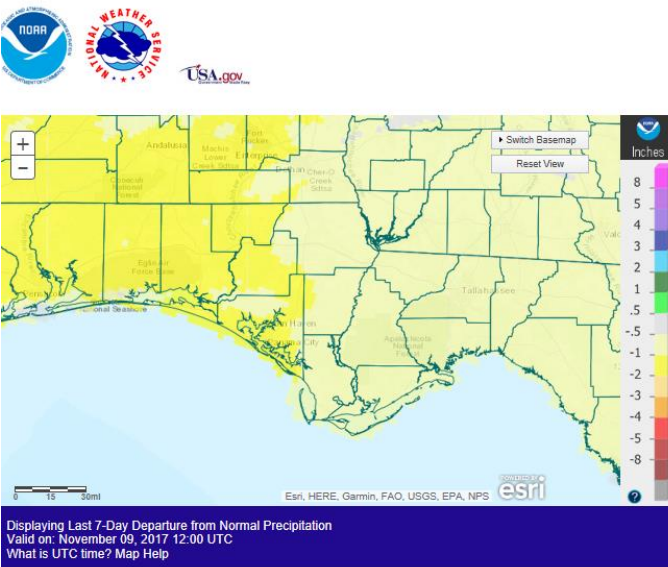
## PRECIPITATION: Weekly

Minimal precipitation was reported for the week, with the western region of the panhandle ranging 0-0.5" of rainfall and no rainfall reported in the eastern region. No departure from normal reported for the eastern region, with 2 inches less than normal reported for most areas of the western region.

## 7-day Observed Accumulation:



## 7-day Departure from Normal:



## RIVERS REPORTED NEAR FLOOD STAGES:

Shoal River near Crestview: Thur.

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

**Panhandle Arbovirus Reports for November 4 – November 9, 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
(N) Walton	WNV	10/24	3

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, 10/17, 10/24	25
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, 10/16, 10/17	22
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 Nov. 4-Nov. 9

**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:**

[New evidence of brain damage from West Nile virus, scientists say](#)

Washington Post

Experts who work on the mosquito-borne West Nile virus have long known that ... CDC scientists pursue deadly monkey pox virus in Congo rain forest.

[EPA Approves Killer Mosquitoes to Stop Harmful Diseases Like Zika](#)

Newsweek

EPA Approves Killer Mosquitoes to Stop Harmful Diseases Like Zika ... same bacteria in the Florida Keys and Fresno, California, according to Nature.

**Florida**

[Miami reports first Zika infection of the year in couple who tested positive after trip to Cuba](#)

Daily Mail

Though there is no evidence of the Zika outbreak in Florida, officials are warning residents to take precaution if they or their partners have recently ...