



PANHANDLE MOSQUITO, ARBOVIRUS, PRECIPITATION, & RIVER REPORTS FOR WEEK ENDING NOVEMBER 22, 2017

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

****NOTE: Due to Thanksgiving Holiday report will be for 5 day period****

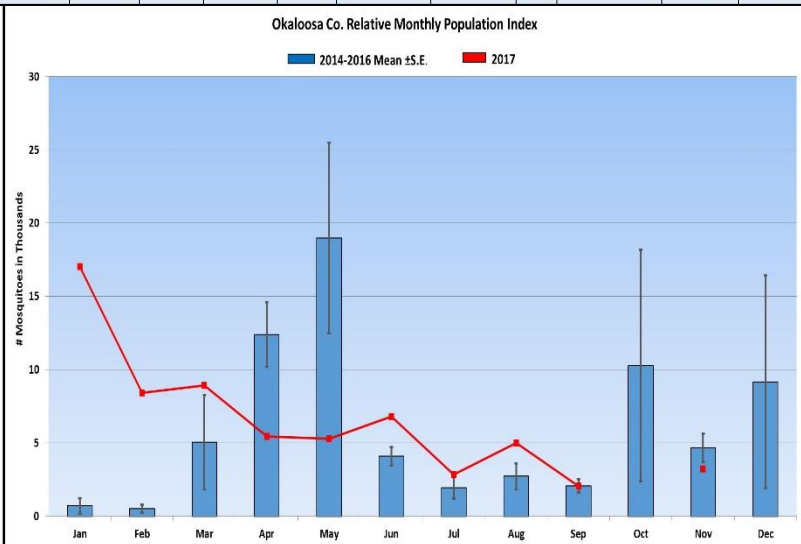
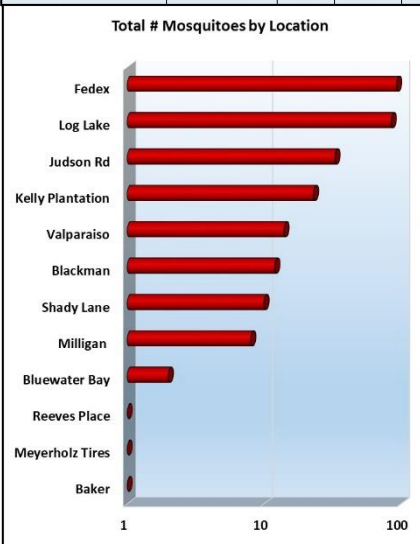
MOSQUITOES:

Santa Rosa Co.: *Samples were delayed in transit this week. Collection will be incorporated into report for next week.*

Okaloosa Co.: *Aedes vexans* accounted for 69% of 12 species collected. Fedex and Log Lake had the greatest total number of mosquitoes. Three sites were above the spray threshold. Totals for the fourth collection in November are within the range of variation of the three year average.

****Note:** Traps for Meyer-Holz and Baker were not ran due to trap malfunction**

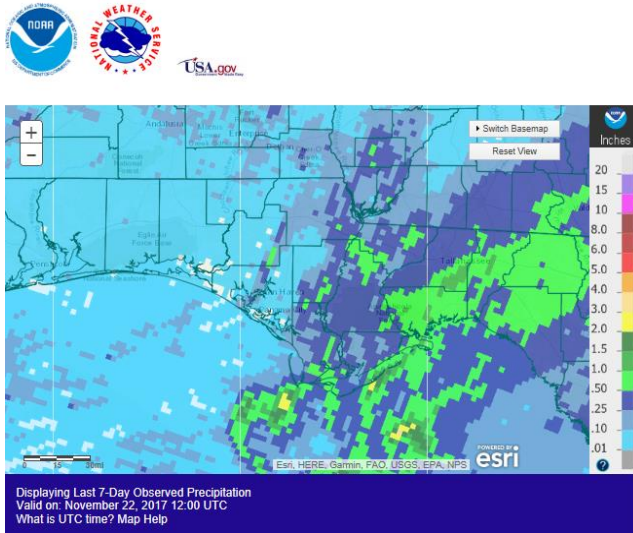
Trap Date	Okaloosa Co. Mosquito Collection for November 21, 2017													
Sum of # Mosquitoes	Column Labels	Log Lake	Judson Rd	Kelly Plantation	Valparaiso	Blackman	Shady Lane	Milligan	Bluewater Bay	Reeves Place	Baker	Meyerholz Tires	Grand Total	% of Total
	Fedex													
Okaloosa														
<i>Ae. vexans</i>	81	69	15	2	4	6	6	8	1	1			193	69
<i>An. crucians</i>	3	3	12	6	8	1			1				34	12
<i>Cx. nigripalpus</i>	2	1	4	12	1								20	7
<i>Ae. infirmatus</i>	2	6											8	3
<i>Ps. ferox</i>		3				5							8	3
<i>Ae. atlanticus</i>		2		1	1								4	1
<i>Cx. quinquefasciatus</i>	1						2						3	1
<i>Cs. melanura</i>	1		2										3	1
<i>Cs. inornata</i>				1			2						3	1
<i>Ae. canadensis</i>	2												2	1
<i>Cx. salinarius</i>	1			1									2	1
<i>An. perplexans</i>			1										1	0
None											0	0	0	0
Grand Total	93	85	33	23	14	12	10	8	2	1	0	0	281	100



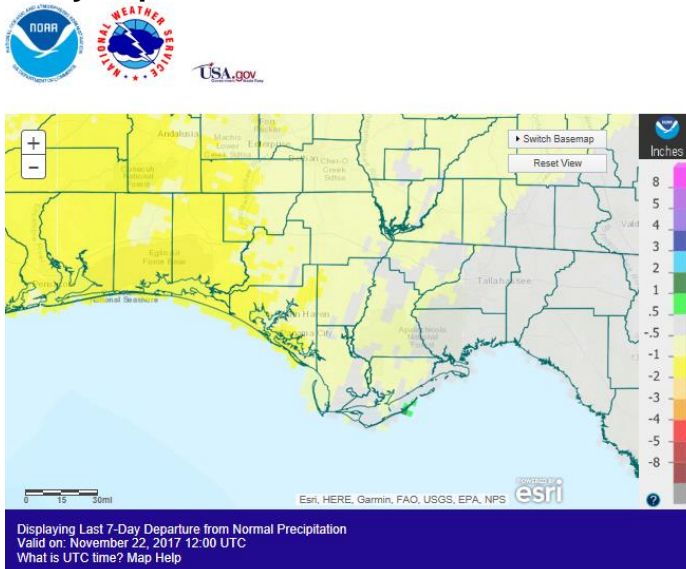
PRECIPITATION: Weekly (This report overlapped 2 days with last week accumulation)

Minimal rainfall was reported for the western portion of the panhandle averaging about 0.01", while 0.01-0.5" of rainfall was reported for western regions of the panhandle. Departure from normal reported for the western region was 2" less than normal, with 0.5-1" less than normal reported for areas of the eastern region.

7-day Observed Accumulation:



7-day Departure from Normal:



RIVERS REPORTED NEAR FLOOD STAGES:

None

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

Panhandle Arbovirus Reports for November 18 – November 22, 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	11/6	3
(N) Walton	WNV	10/31	1

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, 10/31, 11/6	29
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, 11/6	23
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. 18-Nov. 22

**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:**

Florida:

[Florida confirms second local Zika virus infection for 2017](#)

ABC News

... no evidence of an ongoing, active transmission zone. Florida reported 296 locally acquired Zika infections last year. Zika causes relatively mild symptoms in most adults but can cause severe birth defects in babies of some women infected during pregnancy. The virus also can be transmitted sexually.