



NORTHWEST FLORIDA MOSQUITO SURVEILLANCE REPORT FOR WEEK ENDING JANUARY 5, 2018

MOSQUITOES:

Calhoun Co.: No traps set this week due to cold weather.

Gadsden Co.: No traps set this week due to cold weather.

Holmes Co.: No traps set this week due to cold weather.

Jefferson Co.: No traps set this week due to cold weather.

Liberty Co.: No traps set this week due to cold weather.

Okaloosa Co.: No traps set this week due to cold weather.

Santa Rosa Co.: No traps set this week due to cold weather.

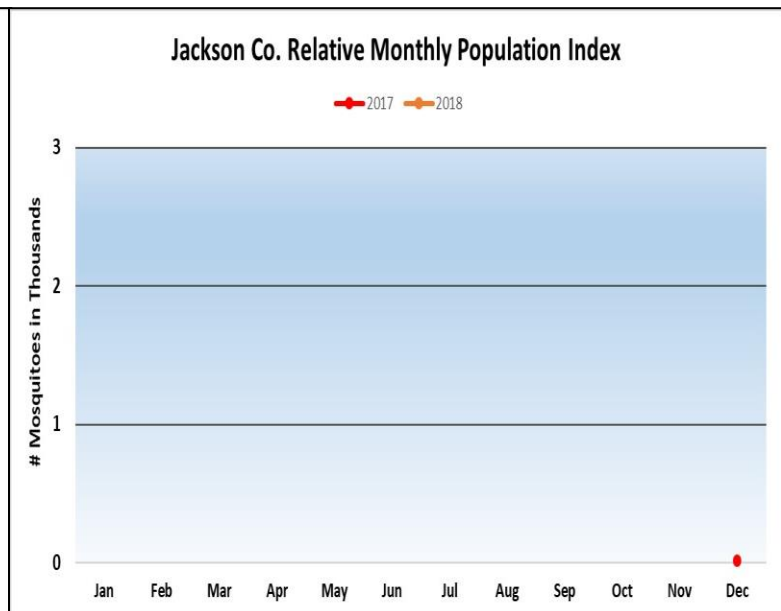
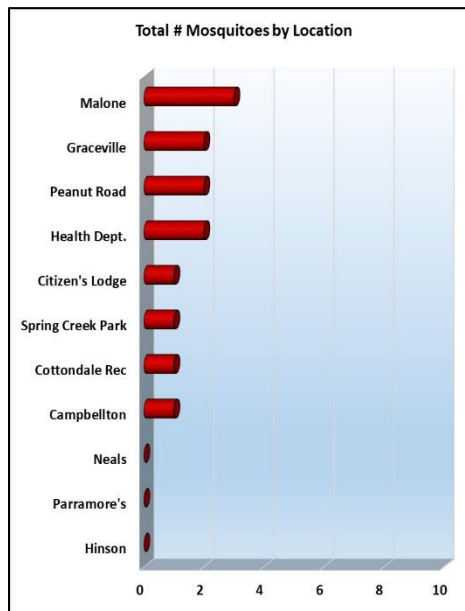
Wakulla Co.: No traps set this week due to cold weather.

Washington Co.: No traps set this week due to cold weather.

Jackson Co.: No traps set this week due to cold weather. Report below for December 19, 2017 collection.

Culex coronator accounted for 62% of 4 species recovered. Malone had the most mosquitoes. No sites were above the spray threshold. The total number of mosquitoes collected in December was 13. **Note: Traps with no catch reported were not run due to trap malfunction.**

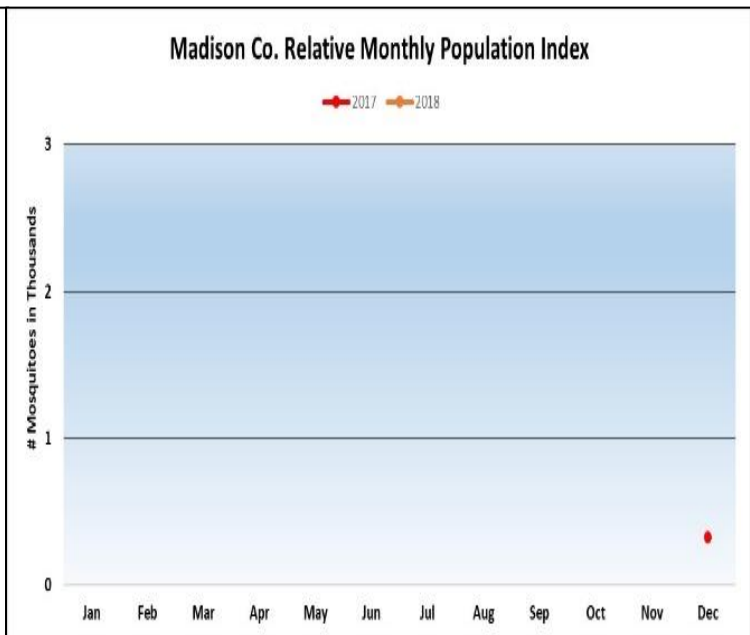
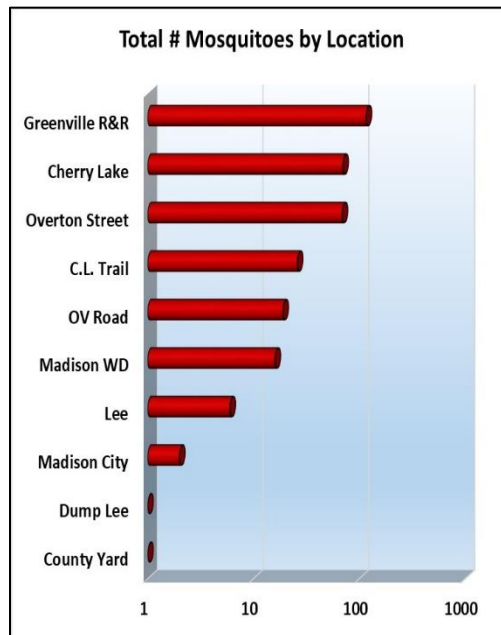
Trap Date	19-Dec													
County	Jackson													
Jackson Co. Mosquito Collection for December 19,2017														
Sum of # Mosquitoes	Column Labels													
Row Labels	Malone	Peanut Road	Graceville	Health Dept.	Citizen's Lodge	Spring Creek Park	Campbellton	Cottondale Rec	Neals	Parramore's	Hinson	Grand Total	% of Total	
<i>Cx. coronator</i>	3	2	1		1			1				8	62	
<i>An. crucians</i>				2			1					3	23	
<i>An. quadrimaculatus</i>						1						1	8	
<i>Cx. salinarius</i>			1									1	8	
None									0	0	0	0	0	
Grand Total	3	2	2	2	1	1	1	1	0	0	0	13	100	



Madison Co.: No traps set this week due to cold weather. Report below for December 19, 2017 collection.

Culex nigripalpus and *Anopheles crucians* accounted for 85% of 9 species collected. Greenville R&R had the greatest number of mosquitoes. Four sites were above the spray threshold. The total number of mosquitoes collected in December was 325.

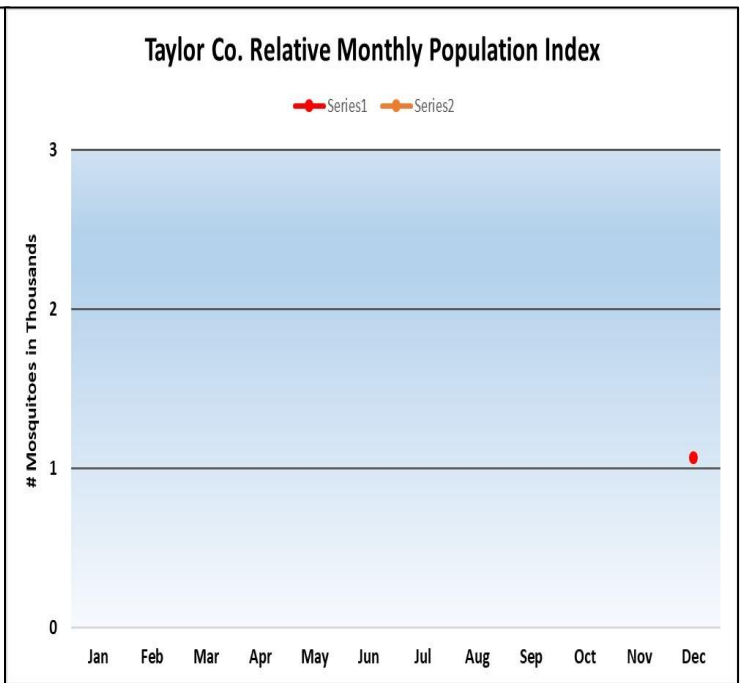
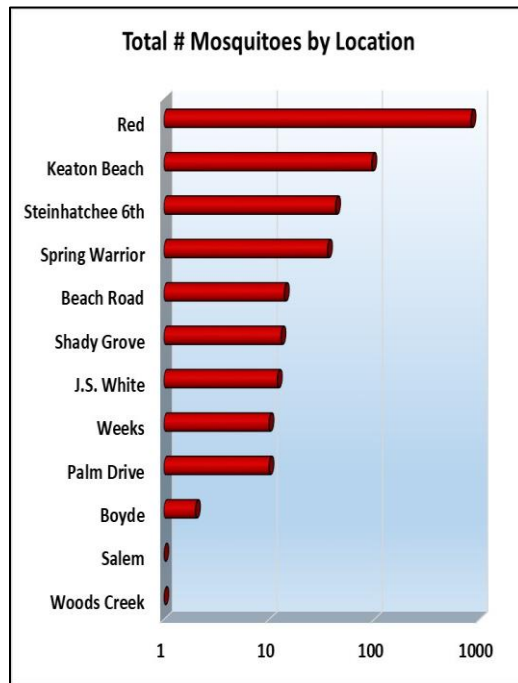
Trap Date	19-Dec												
County	Madison												
Madison Co. Mosquito Collection for December 19, 2017													
Sum of # Mosquitoes	Column Labels												
Row Labels	Greenville R&R	Cherry Lake	Overton Street	C.L. Trail	OV Road	Madison WD	Lee	Madison City	Dump Lee	County Yard	Grand Total	% of Total	
<i>Cx. nigripalpus</i>	8	55	46	26	8	9	4		1		157	48	
<i>An. crucians</i>	102	4	5		8						119	37	
<i>Cx. salinarius</i>		4	2		1	1	2	1			11	3	
<i>Cs. melanura</i>	6	1	1		1			1			10	3	
<i>Ae. vexans</i>		1	6		1	1					9	3	
<i>Cx. quinquefasciatus</i>			4			2					6	2	
<i>Cx. sp.</i>		4	2								6	2	
<i>Ae. infirmatus</i>			3								3	1	
<i>Ae. albopictus</i>						2					2	1	
<i>Ae. sp.</i>						1					1	0	
<i>An. quadrimaculatus</i>		1									1	0	
None										0	0	0	
Grand Total	116	70	69	26	19	16	6	2	1	0	325	100	



Taylor Co.: No traps set this week due to cold weather. Report below for December 21, 2017 collection.

Culex nigripalpus and *Culex salinarius* accounted for 88% of 11 species recovered. Red had the most mosquitoes at about 78% of the total. Four sites were above the spray threshold. The total number of mosquitoes for the first collection in December was 1067.

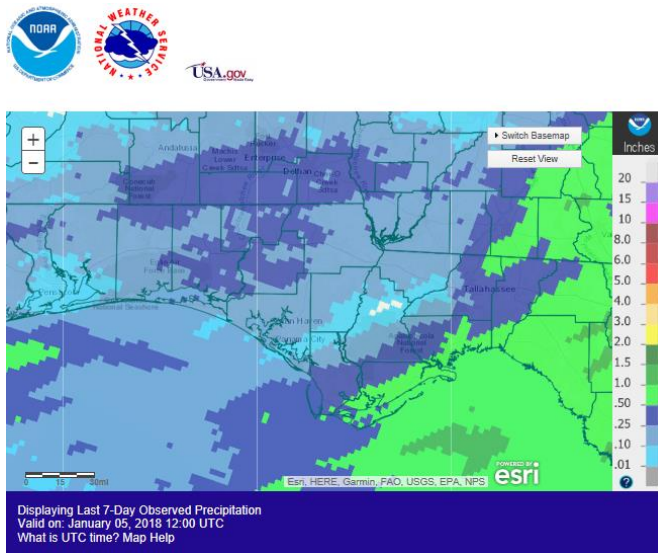
Trap Date	21-Dec	Taylor Co. Mosquito Collection for December 21,2017													
County	Taylor														
Sum of # Mosquitoes	Column Labels														
Row Labels	Red	Keaton Beach	Steinhatchee 6th	Spring Warrior	Beach Road	Shady Grove	J.S. White	Palm Drive	Weeks	Boyde	Woods Creek	Salem	Grand Total	% of Total	
<i>Cx. nigripalpus</i>	544			15	13			5	7				584	55	
<i>Cx. salinarius</i>	248	73	7	17		1		2		2			350	33	
<i>An. crucians</i>	32	8	5	1	1	2	3						52	5	
<i>Ae. infirmatus</i>		7	23	3				1	1				35	3	
<i>Ae. vexans</i>		2					8	1	2				13	1	
<i>Ae. taeniorhynchus</i>		4	7										11	1	
<i>An. quadrimaculatus</i>	8					1							9	1	
<i>Cs. melanura</i>			1			8							9	1	
<i>Ps. ferox</i>								1					1	0	
<i>Ae. albopictus</i>		1											1	0	
<i>Cx. sp.</i>						1							1	0	
<i>Ma. titillans</i>							1						1	0	
None											0	0	0	0	
Grand Total	832	95	43	36	14	13	12	10	10	2	0	0	1067	100	



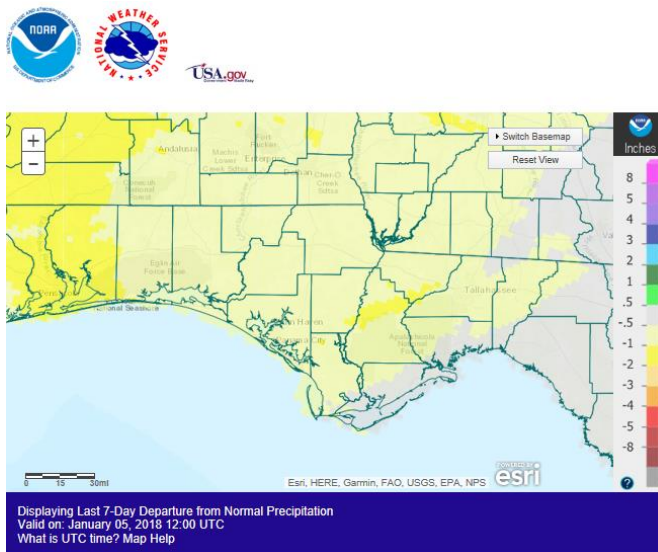
PRECIPITATION: Weekly

0.01-0.25" of rain fell in the panhandle with some areas in the southern and eastern regions had up to 0.5" of rainfall. Most areas received 1" less than normal rainfall, with some areas of Gadsden and Liberty counties as well as most of Escambia and Santa Rosa counties receiving 2" less than normal.

7-day Observed Accumulation:



7-day Departure from Normal:



RIVERS REPORTED NEAR FLOOD STAGES:

No flooding reported

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

Panhandle Arbovirus Reports for December 30 – January 5, 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
Taylor	WNV	October	1

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

Current Week			
County	Arbovirus	Collection Dates	# Positive
None this week			

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, 11/20, 12/5, 12/18	45
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, 11/14, 11/20	25
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 test results for week of December 30-January 5

**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:

[Zika Hotline Closes As Reported Cases Of The Virus Decline](#)

WJCT NEWS

With the hotline shut down, people calling the health department with questions about Zika will be directed to the state's Zika website, Hewitt said. According to that site, Florida had almost 1,500 Zika cases in 2016 — about 300 of them transmitted within the state. The number of cases dropped to 241 in ...