

Mosquito Surveillance and Control Program Monthly Update

The regional area experienced slightly above normal amounts of precipitation and warmer temperatures when compared to the historical averages during September of 2016. This climate pattern caused many of the larval sites to decrease in size, with several of them completely drying up as the month progressed. During the month of September, VDCI performed 200 site visits and found mosquito larvae to be breeding during 3 of these visits. Each time mosquito larvae were found present during a site visit, larvicides were applied to control them. As is typical in September, larval breeding and activity decreased significantly throughout the month as the nighttime temperatures became cooler.

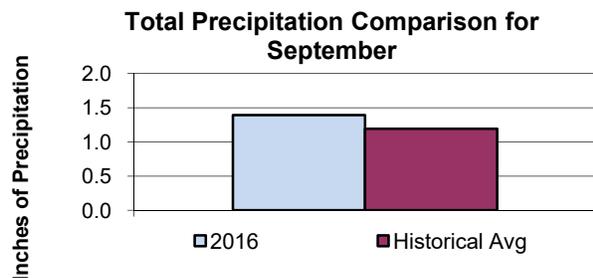
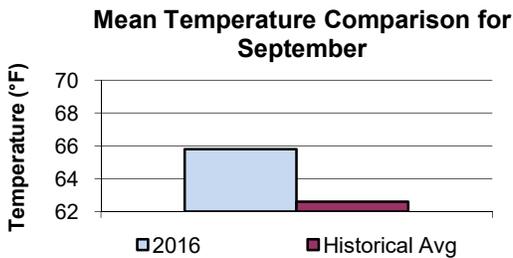
Adult mosquito surveillance continued on a weekly basis until mid-September. With the cooler nights in September, adult mosquito populations were significantly lower in numbers and were much less active than they were in the previous months of the 2016 season. VDCI finished all mosquito surveillance and control activities for the season during the month.

Larval Surveillance and Control Results

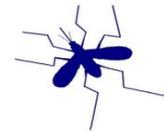
Site Visits	200
Site Treatments	3
Acres Treated	9.20

Regional Climate Summary*

Mean Avg Temp for September 2016 (°F):	65.8	Total Precip for September 2016 (inches):	1.39
Historical Mean Avg Temp for September (°F):	62.6	Historical Avg Precip for September (inches):	1.2



* Climate data based on Fort Morgan 1896-2016 Data

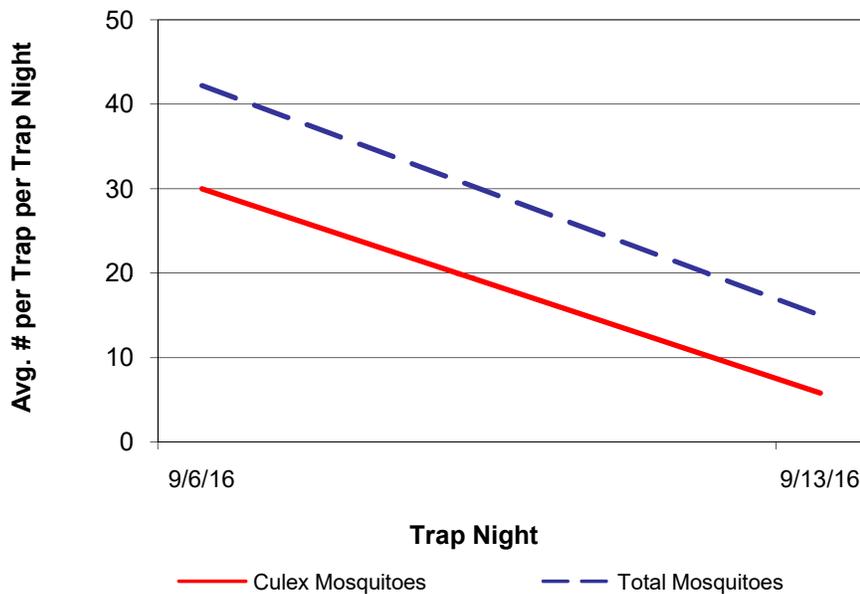


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Adult Mosquito Surveillance Results

Trap Night	Avg. # Culex Mosquitoes per Trap	Avg. # Total Mosquitoes per Trap
9/6/2016	30	42.2
9/13/2016	5.8	15

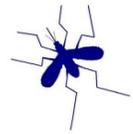
Weekly Adult Trap Counts of All Trap Stations



Telephone Hotline Summary

Number of Hotline Calls Received: 1

- Monthly report results are based upon preliminary data and may be subject to change after final seasonal compilation.



September 2016

City of Fort Morgan, CO

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Adult Mosquito Control Summary

Truck Mounted ULV

Area	Material	Start Time	End Time	Route Miles ¹	Spray Miles ²
FORT MORGAN - Southwest Quadrant	Aqualuer 20-20	9/8/2016 19:42	9/8/2016 21:20	6.9	6
Total:				6.9	6.0
Average:				6.9	6.0
Minimum:				6.9	6.0
Maximum:				6.9	6.0

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