

FORT MORGAN
MOSQUITO CONTROL PROGRAM
2021 MAY/JUNE REPORTS



VECTOR DISEASE CONTROL INTERNATIONAL LLC
7000 NORTH BROADWAY, SUITE 108
DENVER, CO 80211



Adult Trap Data - Detail

Start Date: 05/01/2021 End Date: 06/30/2021

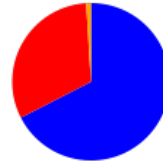
Fort Morgan, CO

Trap #	Date	Species	Count	Percent
FM-01 CDC Light Trap	Fort Morgan NW - Riverside Cemetery			
	06/09/2021	<i>Aedes dorsalis</i>	1	1.7%
	06/17/2021	<i>Aedes dorsalis</i>	3	5.1%
	06/17/2021	<i>Aedes melanimon</i>	2	3.4%
	06/17/2021	<i>Aedes vexans</i>	5	8.5%
	06/17/2021	<i>Culex tarsalis</i>	13	22.0%
	06/17/2021	<i>Culiseta inornata</i>	2	3.4%
	06/23/2021	<i>Aedes dorsalis</i>	2	3.4%
	06/23/2021	<i>Aedes vexans</i>	3	5.1%
	06/23/2021	<i>Culex tarsalis</i>	24	40.7%
	06/30/2021	<i>Aedes vexans</i>	2	3.4%
	06/30/2021	<i>Culex tarsalis</i>	2	3.4%
	Total			59



- *Aedes-Oc*
- *Anopheles*
- *Culex*
- *Culiseta*
- *Other*

Trap #	Date	Species	Count	Percent
FM-02 CDC Light Trap	Fort Morgan SW - Brendy Joy Park			
	06/09/2021	<i>Aedes dorsalis</i>	8	1.0%
	06/09/2021	<i>Aedes melanimon</i>	1	0.1%
	06/09/2021	<i>Aedes trivittatus</i>	2	0.2%
	06/09/2021	<i>Aedes vexans</i>	98	11.8%
	06/09/2021	<i>Culex pipiens</i>	2	0.2%
	06/09/2021	<i>Culex tarsalis</i>	2	0.2%
	06/09/2021	<i>Culiseta inornata</i>	3	0.4%
	06/16/2021	<i>Aedes dorsalis</i>	11	1.3%
	06/16/2021	<i>Aedes increpitus</i>	4	0.5%
	06/16/2021	<i>Aedes melanimon</i>	16	1.9%
	06/16/2021	<i>Aedes vexans</i>	189	22.8%
	06/16/2021	<i>Culex pipiens</i>	2	0.2%
	06/16/2021	<i>Culex tarsalis</i>	48	5.8%
	06/16/2021	<i>Culiseta incidens</i>	1	0.1%
	06/16/2021	<i>Culiseta inornata</i>	2	0.2%
	06/24/2021	<i>Aedes melanimon</i>	13	1.6%
	06/24/2021	<i>Aedes vexans</i>	138	16.6%
	06/24/2021	<i>Culex tarsalis</i>	107	12.9%
	06/24/2021	<i>Culiseta inornata</i>	2	0.2%



- *Aedes-Oc*
- *Anopheles*
- *Culex*
- *Culiseta*
- *Other*

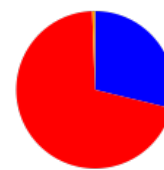
Trap #	Date	Species	Count	Percent
	06/30/2021	<i>Aedes dorsalis</i>	5	0.6%
	06/30/2021	<i>Aedes vexans</i>	75	9.0%
	06/30/2021	<i>Culex pipiens</i>	1	0.1%
	06/30/2021	<i>Culex tarsalis</i>	100	12.0%
		Total	830	

FM-03	CDC Light Trap	Fort Morgan SW Jaycee Park		
		06/09/2021	<i>Aedes dorsalis</i>	1 0.3%
		06/09/2021	<i>Aedes melanimon</i>	1 0.3%
		06/09/2021	<i>Aedes vexans</i>	9 2.7%
		06/17/2021	<i>Aedes dorsalis</i>	3 0.9%
		06/17/2021	<i>Aedes hendersoni</i>	1 0.3%
		06/17/2021	<i>Aedes melanimon</i>	1 0.3%
		06/17/2021	<i>Aedes vexans</i>	86 26.0%
		06/17/2021	<i>Culex tarsalis</i>	42 12.7%
		06/23/2021	<i>Aedes dorsalis</i>	1 0.3%
		06/23/2021	<i>Aedes melanimon</i>	1 0.3%
		06/23/2021	<i>Aedes vexans</i>	62 18.7%
		06/23/2021	<i>Culex tarsalis</i>	84 25.4%
		06/23/2021	<i>Culiseta inornata</i>	1 0.3%
		06/30/2021	<i>Aedes dorsalis</i>	5 1.5%
		06/30/2021	<i>Aedes vexans</i>	12 3.6%
		06/30/2021	<i>Culex pipiens</i>	1 0.3%
		06/30/2021	<i>Culex tarsalis</i>	20 6.0%
		Total	331	



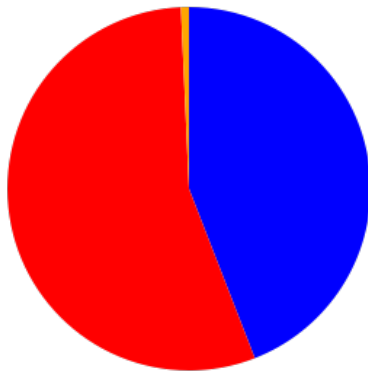
- *Aedes-Oc*
- *Anopheles*
- *Culex*
- *Culiseta*
- *Other*

FM-04	CDC Light Trap	Fort Morgan NE - United Presbyterian Church		
		06/09/2021	<i>Aedes dorsalis</i>	3 0.2%
		06/09/2021	<i>Aedes melanimon</i>	1 0.1%
		06/09/2021	<i>Aedes vexans</i>	22 1.5%
		06/09/2021	<i>Culex tarsalis</i>	24 1.6%
		06/09/2021	<i>Culiseta inornata</i>	1 0.1%
		06/16/2021	<i>Aedes dorsalis</i>	5 0.3%
		06/16/2021	<i>Aedes increpitus</i>	1 0.1%
		06/16/2021	<i>Aedes melanimon</i>	3 0.2%
		06/16/2021	<i>Aedes vexans</i>	65 4.5%



- *Aedes-Oc*
- *Anopheles*
- *Culex*
- *Culiseta*
- *Other*

Trap #	Date	Species	Count	Percent
	06/16/2021	<i>Culex tarsalis</i>	393	27.0%
	06/16/2021	<i>Culiseta inornata</i>	4	0.3%
	06/23/2021	<i>Aedes dorsalis</i>	5	0.3%
	06/23/2021	<i>Aedes increpitus</i>	2	0.1%
	06/23/2021	<i>Aedes vexans</i>	181	12.4%
	06/23/2021	<i>Culex tarsalis</i>	314	21.5%
	06/23/2021	<i>Culiseta inornata</i>	2	0.1%
	06/30/2021	<i>Aedes dorsalis</i>	23	1.6%
	06/30/2021	<i>Aedes vexans</i>	109	7.5%
	06/30/2021	<i>Culex restuans</i>	1	0.1%
	06/30/2021	<i>Culex tarsalis</i>	298	20.4%
	06/30/2021	<i>Culiseta inornata</i>	1	0.1%
		Total	1,458	



	TOTAL	%
■ <i>Aedes-Oc</i>	1,181	44.1%
■ <i>Anopheles</i>	0	0.0%
■ <i>Culex</i>	1,478	55.2%
■ <i>Culiseta</i>	19	0.7%
■ <i>Other</i>	0	0.0%



Ground Adulicide Applications

Start Date: 05/01/2021 End Date: 06/30/2021

Fort Morgan, CO

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
FM Jaycee Park Applications								
June 2021	06/17/2021		Aqua Kontrol 30-30 (73748-11)	1:4	1.3	1.2	45.1	0.7
	06/24/2021		Aqua Kontrol 30-30 (73748-11)	1:4	1.4	1.2	44.7	0.4
<i>Total Aqua Kontrol 30-30 Applied:</i>								<i>1.1</i>
<i>FM Jaycee Park Totals:</i>					<i>2.7</i>	<i>2.5</i>	<i>89.8</i>	<i>1.1</i>
FM Optimist Park Applications								
June 2021	06/17/2021	City of Fort Morgan	Aqua Kontrol 30-30 (73748-11)	1:4	1.2	1.2	41.8	0.7
	06/24/2021	City of Fort Morgan	Aqua Kontrol 30-30 (73748-11)	1:4	1.2	1.2	42.2	0.3
<i>Total Aqua Kontrol 30-30 Applied:</i>								<i>1.0</i>
<i>FM Optimist Park Totals:</i>					<i>2.4</i>	<i>2.3</i>	<i>84.0</i>	<i>1.0</i>
FM West of West Applications								
June 2021	06/10/2021	City of Fort Morgan	Aqua Kontrol 30-30 (73748-11)	1:4	3.5	3.0	109.4	1.7
	06/17/2021	City of Fort Morgan	Aqua Kontrol 30-30 (73748-11)	1:4	4.2	3.9	140.0	2.2
	06/24/2021	City of Fort Morgan	Aqua Kontrol 30-30 (73748-11)	1:4	4.0	3.4	124.7	1.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
<i>Total Aqua Kontrol 30-30 Applied:</i>								4.9
<i>FM West of West Totals:</i>					11.7	10.3	374.1	4.9
<i>Grand Totals:</i>					16.7	15.1	547.9	7.0



Larval Data - Summary

Start Date: 05/01/2021 End Date: 06/30/2021

Fort Morgan, CO

	Total Site Inspections	Wet Sites	% Wet	Sites Treated	Percentage Breeding*	Acres Treated
FM 0002 South Platte Extended Marsh	3.0	3.0	100.0%	1.0	33.3%	3.6
FM 0004 Walmart Ditch	2.0	2.0	100.0%	0.0	0.0%	0.0
FM 0005 I-76 Truck Stop Depressions	4.0	3.0	75.0%	2.0	66.7%	0.4
FM 0006 I-76 Motel Ditch	4.0	4.0	100.0%	3.0	75.0%	0.8
FM 0007 Campground Depressions	2.0	0.0	0.0%	0.0	0.0%	0.0
FM 0008 Platte Pond 2	4.0	4.0	100.0%	3.0	75.0%	3.9
FM 0009 Riverside Service Road Pond 1	1.0	1.0	100.0%	0.0	0.0%	0.0
FM 0022 South Side Flooded Field	4.0	2.0	50.0%	2.0	100.0%	0.4
FM 0043 Riverside Park Flooding	3.0	2.0	66.7%	0.0	0.0%	0.0
FM 0044 Riverside Service Road Ditch	2.0	2.0	100.0%	0.0	0.0%	0.0
FM 0050 Brenda Joy	4.0	2.0	50.0%	2.0	100.0%	0.5
FM 0065 South Platte Rip 2	3.0	2.0	66.7%	1.0	50.0%	0.8
FM 0111 South Platte Riparian 1	4.0	4.0	100.0%	1.0	25.0%	3.6
FM 0120 Field North Of Brenda Joy	4.0	4.0	100.0%	2.0	50.0%	0.5
FM 0204 Campground Pond	2.0	2.0	100.0%	0.0	0.0%	0.0
FM 0205 Platte Pond 3	4.0	4.0	100.0%	0.0	0.0%	0.0
FM 0206 Platte Pond 1	3.0	3.0	100.0%	0.0	0.0%	0.0
FM 0207 Riverside Park Main	3.0	3.0	100.0%	0.0	0.0%	0.0
FM 0288 Huge New School Detention	5.0	2.0	40.0%	0.0	0.0%	0.0
	61.0	49.0	80.3%	17.0	34.7%	14.4

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