

2013 Annual Report  
Larimer County Cooperative  
Mosquito Control Program  
City of Fort Collins

October 2013

**Colorado Mosquito Control, Inc.**

695 North 7th Ave. Brighton, CO 80601  
(303) 558-8730 FAX (303) 558-8734  
Email: [info@comosquitocontrol.com](mailto:info@comosquitocontrol.com)  
Website: [www.comosquitocontrol.com](http://www.comosquitocontrol.com)

**On the Cover:**

***A face only a mother could love.***

*A female Culex tarsalis mosquito with its distinct white banded proboscis became the face of West Nile Virus transmission again in Colorado in 2013. The 10 year anniversary of the first large scale West Nile epidemic in Colorado (2003) proved once again that when the right conditions exist, mosquito-borne WNV is still a severe public health threat.*

**City of Fort Collins  
Mosquito Management Operations**

**Annual Report For 2013**

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## *Program Objectives*

The City of Fort Collins completed its 10<sup>th</sup> year of cost effective biorational Integrated Mosquito Management in 2013. The primary objective of the City of Fort Collins Mosquito Management Program is to employ trained field biologists to suppress the development of larval mosquitoes in the aquatic habitats. CMC prioritizes, at minimum 95% of resource allocation on larval control efforts. Surveillance monitoring of adult mosquito populations via a mosquito trapping network enables the assessment of the vector mosquito abundance, as well as West Nile virus risk in the City of Fort Collins. This goal enables a reduction in both the overall mosquito populations and the threat of mosquito borne disease transmission at the least possible cost, while minimizing the impact on the people and natural environment.

CMC maintains its commitment to offer environmentally sensitive and technologically advanced Integrated Mosquito Management (IMM) programs to its customers and community residents. CMC works diligently to maintain the cooperative efforts for mosquito control and epizootic response management between the City of Fort Collins, Larimer County Department of Health & Environment, and surrounding local municipalities. The value of this cooperative program and its underlying data sharing and communications in the interest of public health cannot be over-emphasized.

## *CMC Objectives*

Colorado Mosquito Control is a large-scale contractor specializing in complete Integrated Mosquito Management services. CMC utilizes an aggressive preemptive Integrated Pest Management (IPM) approach to control mosquito populations within contracted areas. CMC currently has programs across the state of Colorado, providing services for homeowners associations, incorporated cities and towns, Native American reservations, and encephalitis surveillance monitoring programs for county health departments. CMC values the opportunity to work closely with contracted communities to continue to offer high quality programs during tougher economic times.

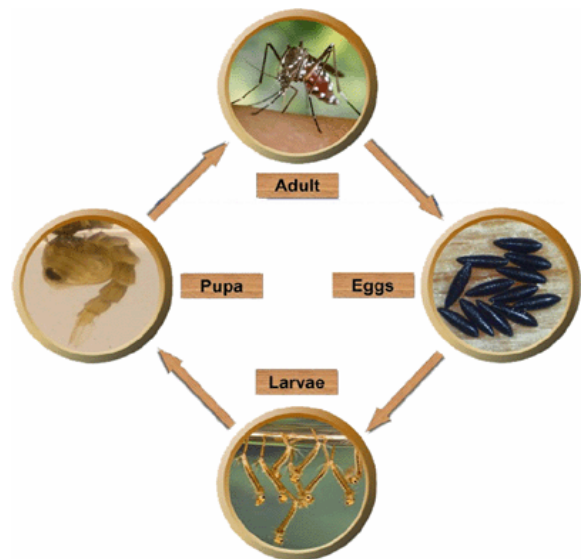
Colorado Mosquito Control (CMC) as the contractor for the City of Fort Collins will continue to use proven scientific Integrated Pest Management (IPM) methods of survey, inspection, diagnosis, biological/biochemical controls, and limited low-toxicity pesticide applications to professionally accomplish the program objectives. CMC employs trained field and surveillance technicians who understand constantly changing mosquito populations. This enables a quick response to variations in environmental factors. All of the methods and materials used have been reviewed and registered by the U.S. EPA, the Centers for Disease Control, the Colorado Department of Agriculture and the American Mosquito Control Association.

## 2013 Season Perspective

Weather patterns in 2013 presented some anomalies to the climate trends along Northern Colorado, thereby challenging local municipal budgets and staffing. The 2013 season was the polar opposite of the 2012 drought season, when mosquito populations remained below average in many areas. Wet weather in the first few months of the New Year and sustained snowfall into April extended the work of snowplows and filled many reservoirs for the start of the mosquito season. Record flooding along many of the watersheds in Northern Colorado during the second week of September prolonged the nuisance mosquito season beyond historical trends seen by Colorado Mosquito Control, Inc. This season necessitated and utilized more labor, products, and hours of planning in the interest of public health and resident concern than has been required in recent years.

Early detection of West Nile virus in mosquitoes during the first week of June in Larimer County foreshadowed the resurgence of West Nile virus activity along the Northern Colorado Front Range. Boulder County mosquito surveillance traps detected the first WNV mosquito sample pool on June 16<sup>th</sup> and Weld County surveillance traps detected West Nile infected mosquitoes on June 25<sup>th</sup>. As a result of elevated infection rates of West Nile virus in mosquitoes, reports of dead birds and vector indices above the 0.75 action threshold, many municipalities responded to elevated West Nile risk via mosquito adulticiding in July and August. West Nile virus infection in mosquitoes during 2013 was very wide-spread and present earlier than in 2007. The 2013 West Nile virus season could have resulted in many more human infections were it not for the established surveillance monitoring and continued larval control programs maintained by Colorado Mosquito Control, Inc. for its contracted communities.

Fortunately with the lessons learned over the past ten years, CMC, county health departments and the Colorado Department of Public Health and Environment (CDPHE) recognized these patterns and were able to sound the alarm and make recommendations for emergency actions early on. With the understanding and cooperation of many municipalities, emergency preemptive spray applications were performed in a timely manner. Between July 19<sup>th</sup> and August 20<sup>th</sup>, CMC was contracted by multiple entities and completed adult mosquito applications over more than 4,000 miles of streets, alleys, bike paths, and roadways in Larimer County, Loveland, Fort Collins, Longmont, Timnath, and some towns in Weld County. These applications were performed following CDC recommendations with 2 rounds of spraying back-to-back 3-5 days apart. Reductions in vector indices, as a result of adult mosquito control measures were evident in the municipalities that performed Emergency Response Spray Applications.

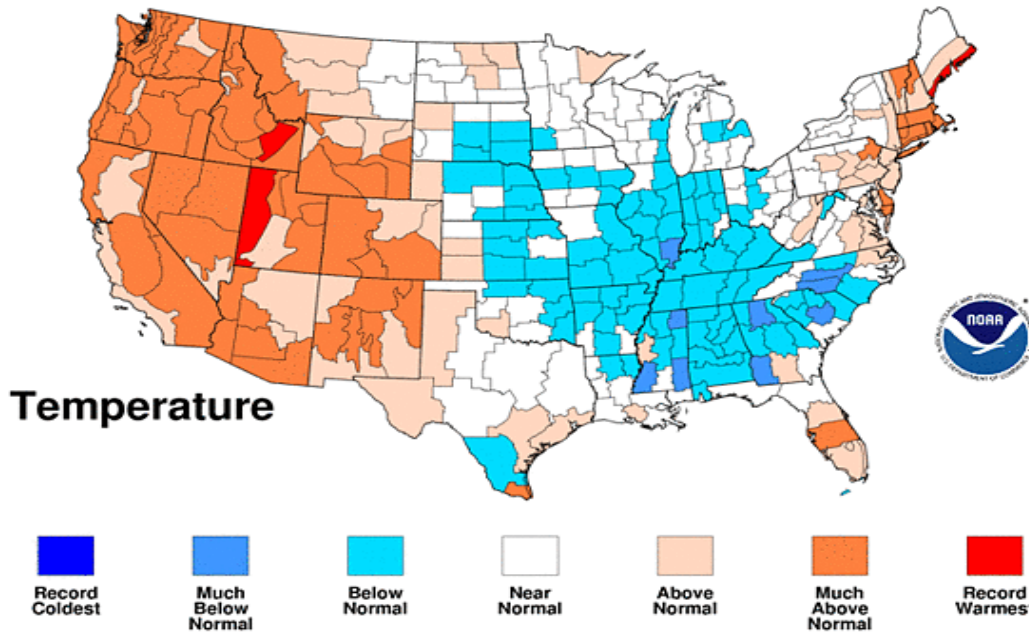


March was colder and wetter than normal with an average temperature of 37.7°F, 2.7 degrees below normal. Precipitation in March was 0.55 inches above the normal level of 0.92 inches. April was likewise colder and wetter than normal with an average temperature of 41.7°F, 5.7°F below normal. This made the month the fifth coolest April on record, according to the National Climatic Data Center (NCDC). Precipitation was just 0.16 inches above the normal of 1.71 inches. Statewide snowpack was 73% of the average at the start of April, according to the North Water Conservancy District. The Poudre River watershed was at 75% of average snow water content, the Big Thompson was at 57% and the St. Vrain was at 64% from snowpack and stream flow readings collected to April 1<sup>st</sup>. May looked as if it too would be cold and wet as 3.4 inches of snow fell at DIA on the first and second of the month. Instead, the month ended drier and slightly warmer than normal with an average temperature of 57.9°F, 0.8°F above normal. June saw hot and dry conditions and for a while it looked as if a repeat of the summer of 2012 was in store. The average temperature of 71.1°F was 3.7 degrees above normal. There were fourteen days in the month of June where temperatures exceeded 90 degrees in the Denver metro area. Precipitation for the month was 1.23 inches below normal with most of that falling in the last week of the month. July saw near normal temperatures and precipitation. The average temperature in July was 74.3°F and seventeen days saw temperatures which exceeded 90 degrees. Despite numerous warm days, no records were set in July 2013 unlike in July 2012, the warmest July on record. Precipitation for July was 1.98 inches, 0.18 inches below the normal of 2.16. August saw alternating cold and warm fronts dominating weather patterns along the Front Range. Severe weather brought torrential rainfall and damaging winds on the 3<sup>rd</sup> from Aurora to Erie and beyond. Less than a week later daytime temperatures hovered in the low 70s with a high of just 73°F recorded on the 7<sup>th</sup>, the coolest day of the month. By mid-month however the heat was back with highs of approaching 100°F in some areas. Monsoonal moisture came roaring back to Northern Colorado a few days later when 1.94 inches of rain fell at DIA on the 22<sup>nd</sup>, a new record for the date. A total of 2.78 inches of rain fell in August, a full 1.09 inches above normal. As usual with these seasonal “monsoons”, levels of rain varied depending on location. CMC worked diligently to target the subsequent production of larval *Culex tarsalis* mosquitoes that resulted from rainfall in late August well into the first weeks of September.

The historic rainfall that occurred during the second week of September brought devastating flooding to many parts of the Front Range. Although the deluge left unprecedented standing water in many parts of the area, it also resulted in a massive flushing of many mosquito eggs and exposed floodwater eggs that had remained unhatched in previous mosquito seasons. Adult mosquitoes and their traditional harborage areas were likewise adversely affected by the heavy downpours. Despite cooler nighttime temperatures mosquito activity did nevertheless increase in areas that experienced flooding as a result of record water levels. Nuisance reports continued to be received by CMC through late September and even into the early part of October as cooler temperatures led to a delayed large scale emergence of adult mosquitoes in areas affected by flooding. The vast majority of the mosquitoes that resulted with flooding were the non-vector floodwater *Aedes vexans*, which is a cold tolerant species and did not die immediately with cool temperatures of early October. Despite the unprecedented occurrence of late season mosquitoes CMC was still able to conduct nighttime fogging operations in response to resident concerns. A sustained cold front arrived on October 11<sup>th</sup> thus finally bringing an end to the 2013 mosquito season.

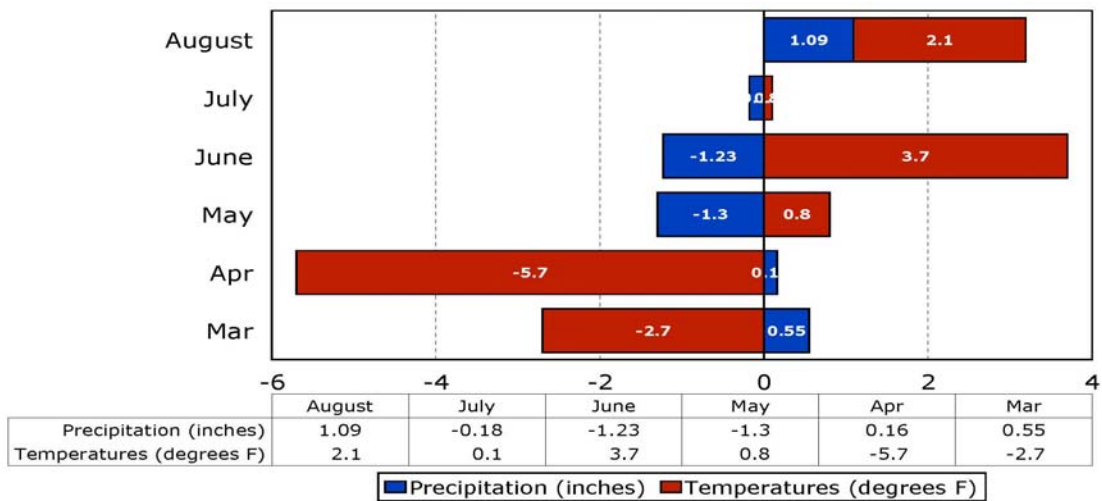
# Jun - Aug 2013

National Climatic Data Center/NESDIS/NOAA



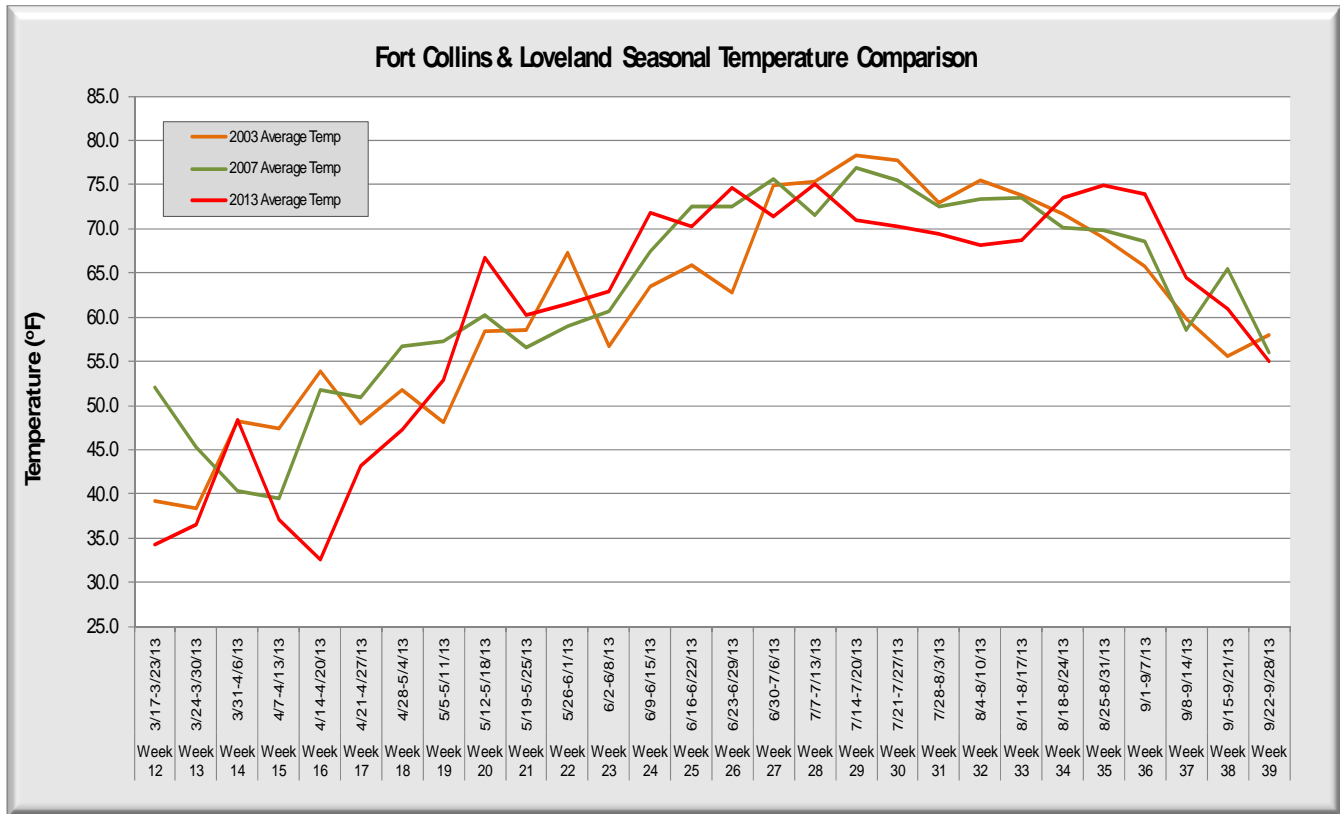
Source: <http://www.ncdc.noaa.gov>

## 2013 Denver Area Climate Data Departures From Normal



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Source: NWS [www.crh.noaa.gov/den/](http://www.crh.noaa.gov/den/)



2013 Precipitation Comparison for Loveland/ Fort Collins				
Week	2013 Precipitation (inches)	2013 Running Total	Avg of All Seasons (2003-2012)	Percentage of Average (2003-2012)
12	0.02	0.02	0.52	3.84%
13	0.16	0.18	0.15	108.11%
14	0.11	0.29	0.13	87.30%
15	0.24	0.53	0.30	79.34%
16	0.68	1.21	0.54	126.16%
17	0.46	1.67	0.46	100.99%
18	1.34	3.01	0.28	483.75%
19	0.64	3.65	0.61	105.79%
20	0.02	3.67	0.48	4.16%
21	0.05	3.72	0.22	22.37%
22	0.66	4.38	0.40	164.08%
23	0.00	4.38	0.86	0.00%
24	0.08	4.46	0.31	25.72%
25	0.04	4.50	0.45	8.95%
26	0.67	5.17	0.22	302.48%
27	0.17	5.34	0.52	32.98%
28	0.42	5.76	0.25	168.84%
29	0.40	6.16	0.07	544.22%
30	0.19	6.35	0.46	41.74%
31	0.81	7.16	0.38	210.94%
32	0.03	7.19	0.24	12.61%
33	0.02	7.21	0.41	4.90%
34	0.01	7.22	0.29	3.42%
35	0.01	7.23	0.45	2.21%
36	0.00	7.23	0.16	0.00%
37	4.50	11.73	0.44	1016.37%
38	1.77	13.50	0.05	3387.56%
39	0.61	14.11	0.24	251.55%



## *West Nile Virus Season*

West Nile virus (WNV) disease was first identified in Uganda in 1937. Since that time, activity has been documented throughout Africa, Europe, West and Central Asia, and areas of the Middle East. The virus made its first appearance to North America in 1999 when it was documented in New York City. WNV comes from a family of viruses known as Flaviviridae and is closely related to other encephalitis-causing viruses that can have severe effects on both humans and animals, including Western equine encephalitis and St. Louis encephalitis in our region.

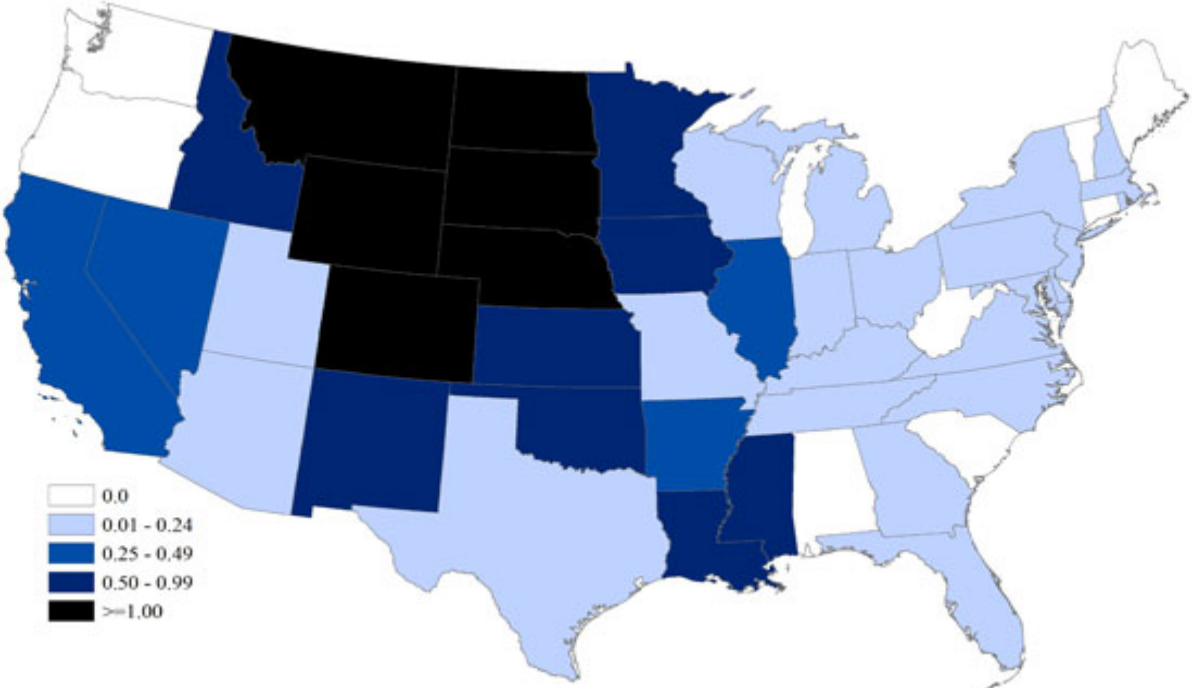
Since the introduction of WNV to the United States in New York City in 1999, the virus has made a complete westward expansion to the West Coast. Starting in the Northeastern parts of the United States, the virus steadily spread through the South, the Midwest, the Rocky Mountain region and to the Western States. This extensive distribution is due to the ability of WNV to establish and persist in the wide variety of ecosystems present across the country. WNV has been detected in 65 different mosquito species in the U.S., though it appears that only a few *Culex* species drive epizootic and epidemic transmission (WNV Guidelines CDC 2013). Although West Nile virus has been endemic to the United States since 1999, researchers continue to acquire an understanding for some of the factors which contribute to region specific spikes in vector abundance and human risk. We still do not understand why some humans develop West Nile fever while other infections develop into more serious West Nile encephalitis or West Nile meningitis cases. Additionally, physicians and researchers continue to seek answers to the variable recovery times and occurrence of deaths that result with some infections. WNV has expanded to the point that it can now be found in all 48 contiguous states and has produced two additional, large nationwide epidemics in 2003 and 2012 (WNV Guidelines CDC 2013).

As of October 22, 2013, 48 states and the District of Columbia have reported West Nile virus infections in people, birds, or mosquitoes. A total of 1,927 cases of West Nile virus disease in people, including 73 deaths, have been reported to CDC. Of these, 938 (49%) were classified as neuroinvasive disease (such as meningitis or encephalitis) and 989 (51%) were classified as non-neuroinvasive disease.

### **Colorado 2013**

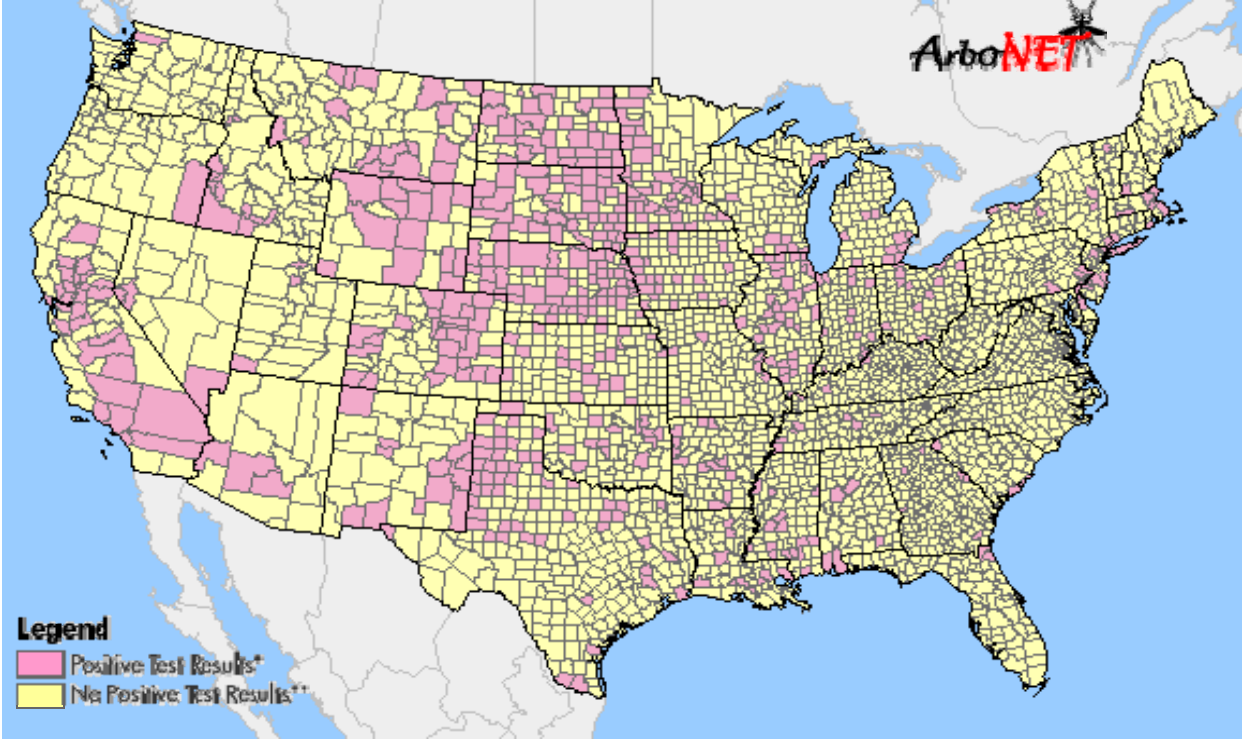
There have been 303 documented cases of human WNV infections in Colorado as of October 25<sup>th</sup>. Of the 88 human cases from Larimer County, 45 cases of WN fever and 9 neuroinvasive cases were from Fort Collins addresses. There were 17 cases of West Nile fever and 7 neuroinvasive cases from Loveland addresses. There were 441 confirmed WN positive mosquito pools out of the 2,406 pools submitted from Colorado. West Nile virus infected mosquito pools by county location include; Adams (15), Arapahoe (2), Boulder (69), Delta (5), Garfield (4), Jefferson (4), Larimer (213), Mesa (37), Morgan (10), Prowers (4), Pueblo (2), Weld (76). The first WN+ mosquito sample was collected on June 3<sup>rd</sup> in Larimer County. There were 11 WN+ avians, all collected from Larimer County. Seven of these specimens were WN+ on August 8<sup>th</sup>. There were 13 Equine cases reported from Delta (1), El Paso (1), Larimer (5), Montezuma (1), Morgan (1), Rio Blanca (1), and Weld (3).

# West Nile Virus Neuroinvasive Disease Incidence by State, US Map (As of October 22, 2013)

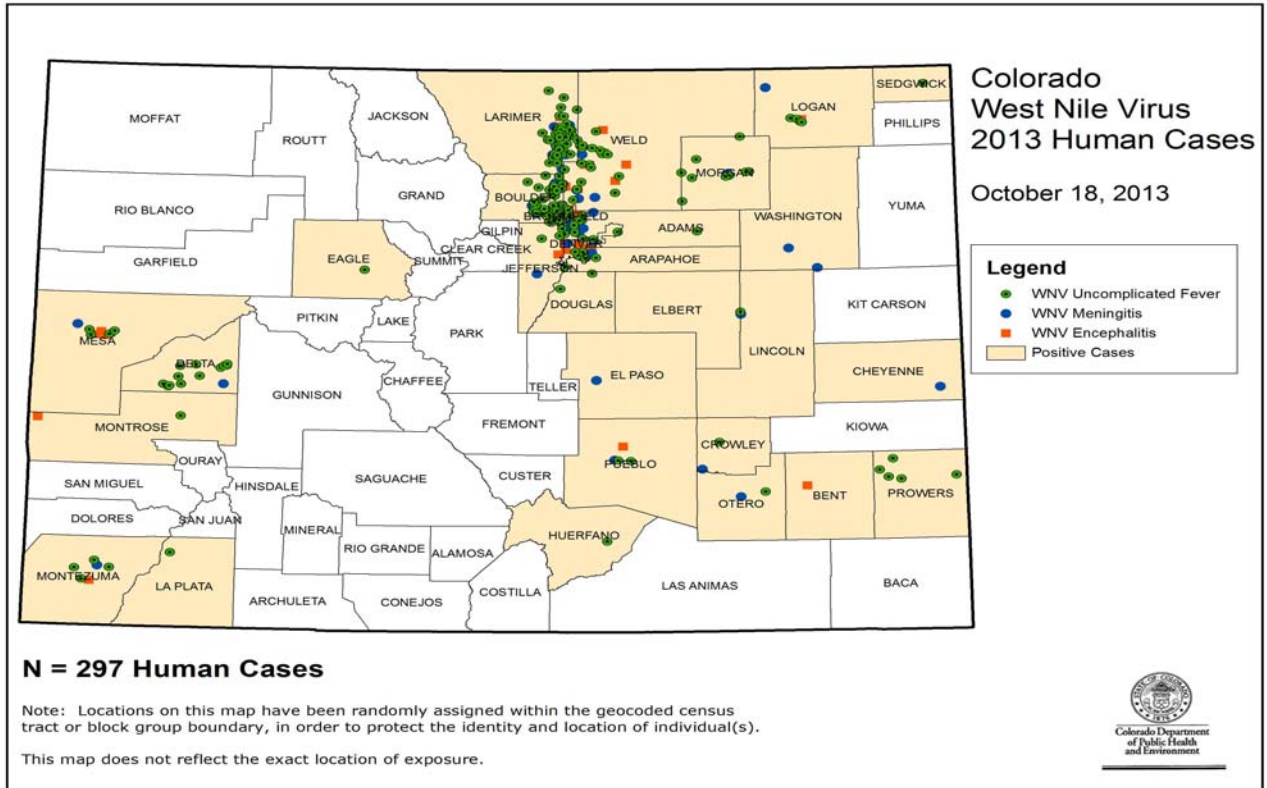


Source: [http://diseasemaps.usgs.gov/wnv\\_us\\_human.html](http://diseasemaps.usgs.gov/wnv_us_human.html)

## ArboNET County-level Data, US Map



Source: <http://www.cdc.gov/westnile/statsMaps/preliminaryMapsData/incidencestatedate.html>

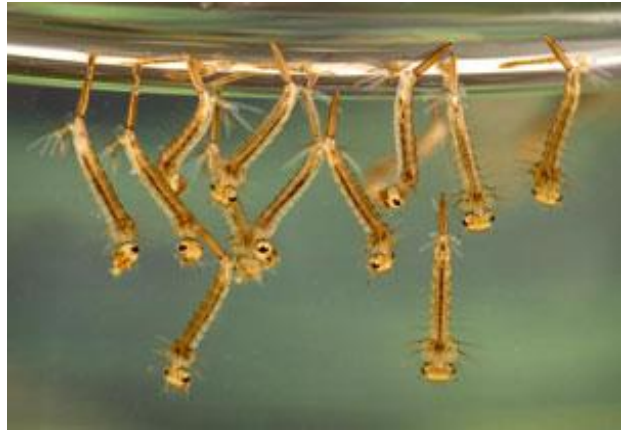


Human West Nile Virus Infections: Colorado, as of October 25, 2013						
County of Residence	New cases	Clinical diagnosis			Total cases	Total deaths
		Fever	Meningitis	Encephalitis		
Adams	.	11	7	5	23	1
Arapahoe	.	2	2	1	5	.
Bent	.	.	.	1	1	.
Boulder	.	39	8	2	49	.
Broomfield	.	3	1	2	6	.
Cheyenne	.	.	1	.	1	.
Crowley	.	1	1	.	2	.
Delta	.	12	1	.	13	.
Denver	.	6	2	4	12	1
Douglas	.	2	.	.	2	.
Eagle	.	1	.	.	1	.
Elbert	.	1	.	.	1	.
El Paso	.	.	1	.	1	.
Huerfano	.	1	.	.	1	.
Jefferson	.	4	1	1	6	.
La Plata	.	1	.	.	1	.
Larimer	.	71	12	5	88	1
Lincoln	.	.	1	.	1	.
Logan	.	5	1	1	7	.
Mesa	.	5	1	3	9	1
Montezuma	.	4	1	1	6	.
Montrose	.	1	.	1	2	.
Morgan	.	11	2	1	14	.
Otero	.	1	1	.	2	.
Prowers	.	6	.	.	6	.
Pueblo	.	2	1	1	4	.
Sedgwick	.	1	.	.	1	.
Washington	.	.	2	.	2	.
Weld	.	24	4	8	36	1
<b>COLORADO</b>		<b>215</b>	<b>51</b>	<b>37</b>	<b>303</b>	<b>5</b>

## Larval Mosquito Control

Larval mosquito control can be an effective way to manage mosquitoes thereby reducing the number of potential disease vectors and annoyances associated with biting adults. Years of research and practical experience have shown that the most effective way to control mosquito populations is through an aggressive Integrated Pest Management (IPM) approach. This approach aims at using a variety of concepts, tools, and products to reduce a pest population to a tolerable level. Larval control complements adult mosquito control measures by preventing new vector mosquitoes from being produced (WNV Guidelines CDC 2013).

Pre-season larval control work involved ground truthing GIS maps and remapping areas where new development and construction had occurred from the previous season. Hiring of seasonal field technicians began in March and continued into May. CMC's Annual Field Technician Classroom Training Day took place on May 20<sup>th</sup> with over 50 new and returning field technicians in attendance. Field training by CMC management and veteran employees lasted through May and full time field activities were in force by the 1<sup>st</sup> of June 2013.



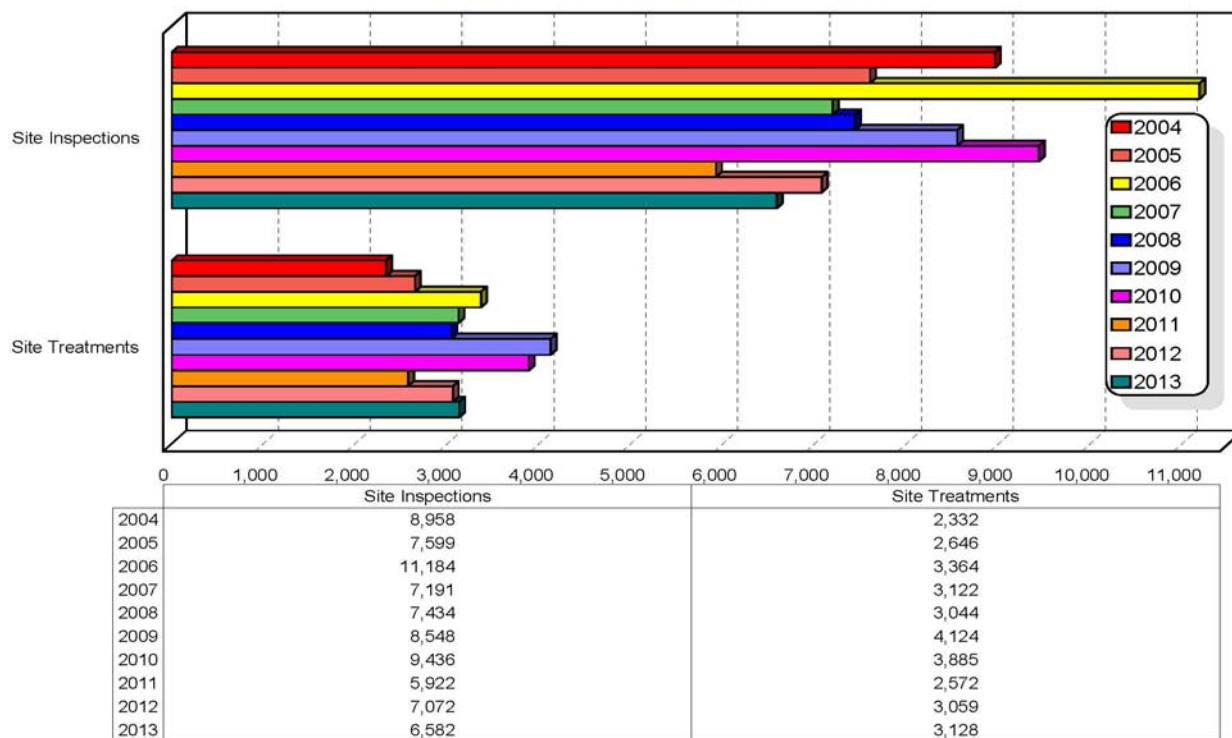
Source:<http://www2.epa.gov>

The City of Fort Collins contracted with CMC to perform larval site inspections and larval control applications during the months of June, July and August in 2013 to meet budget expectations. The City also opted to staff a backyard / public relations technician in 2013 with the objective of reducing larval mosquitoes, primarily *Culex pipiens*, from residential backyard sites and storm drains. The 2013 City of Fort Collins Mosquito Management staff consisted of 15 Full-time Equivalent employees (FTE). Specifically, we had 1 Operations Manager, 1 Field Supervisor, 9 Field Technicians, 0.5 Surveillance Supervisor, 1 Surveillance Technician, 1 Urban Backyard Inspection/ Public Relations technician, 0.5 QC Inspector, 0.5 Office Staff and 0.5 Maintenance Technician.

The larval coverage area includes 109 square miles of private and public lands, where resident contact has been made and permission has been granted. To date, there are 950 active larval mosquito habitats and 457 mandatory sites (weekly or twice/week inspections based on seasonal potential) included in the inspection and larviciding programs for the City of Fort Collins. There were 135 backyard sites included in the 2013 backyard / public relations program. There were 17 new larval sites added to the active larval inspection program and 13 new backyard sites found in the service area for Fort Collins in 2013. Since the inception of the program 151 sites have been destroyed or physically modified and no longer pose the potential to produce mosquito larvae. Two hundred and ninety four sites have been mapped and listed as not active sites due to the low potential to produce mosquito larvae.

## Cumulative Larval Site Inspections

### Fort Collins Larval Mosquito Control Programs



2013 Colorado Mosquito Control, Inc.

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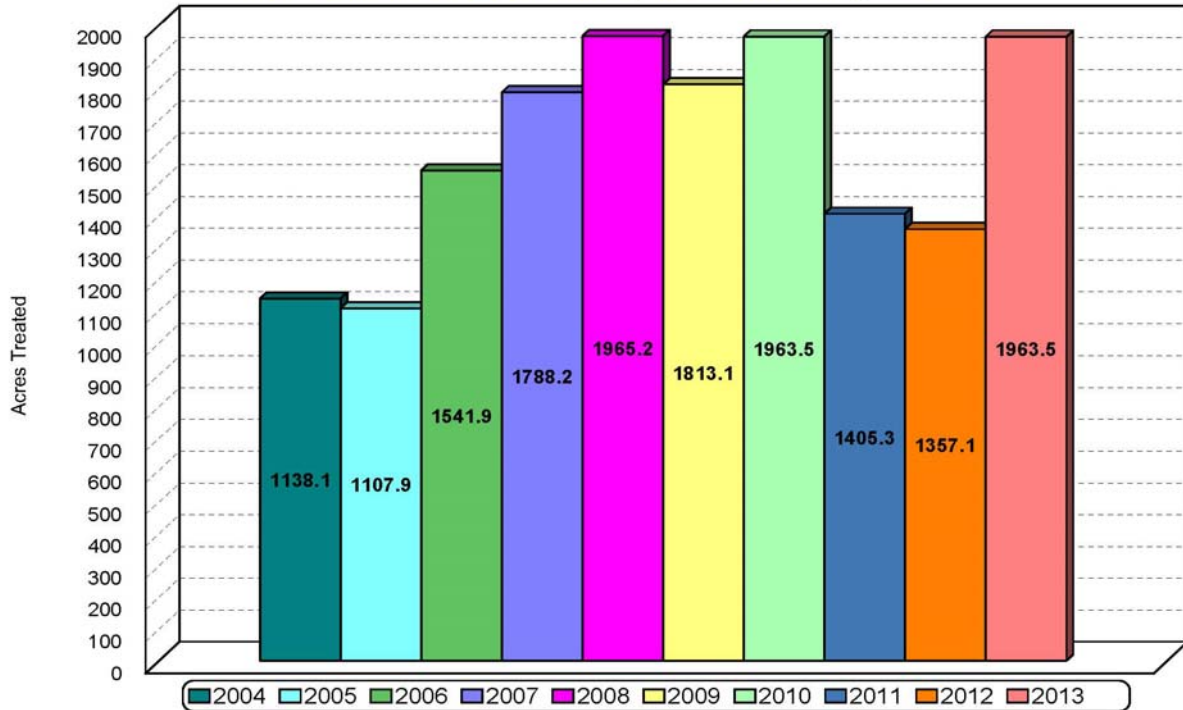
In 2013 Colorado Mosquito Control, Inc. performed 6,582 larval site inspections, of which 5,454 sites (82.9%) were wet upon inspection and 3,128 (57.4%) were producing mosquito larvae in the City of Fort Collins. An estimated 7.0 billion mosquito larvae were eliminated before emerging as biting adults via larvicide applications. CMC applied 17,977.5 lbs. of VectoBac (*Bti*), 235.5 lbs. of Vectolex (Bs), 6.9 lbs of Altosid, and 17.8 gallons of BVA mineral oil to 1,963.5 acres of lands in the City of Fort Collins.

In 2013 CMC performed 329 larval mosquito inspections at residential backyards and urban sites, of which 287 sites (87.2%) were wet upon inspection and 131 (45.6%) were producing mosquito larvae within the City of Fort Collins. An estimated 9.2 million mosquito larvae were eliminated before emerging as biting adults via larvicide applications. CMC applied 9.4 lbs. of VectoBac (*Bti*), 0.5 lbs. of Vectolex (Bs), 25.8 lbs. of Altosid, and 0.5 gallons of BVA mineral oil to 3.6 acres of backyards and urban lands in the City of Fort Collins.

In 2013 CMC performed 42 inspections of storm drain grids within Fort Collins, of which 90.5% were wet upon inspection and 100% were producing mosquito larvae or treated for the potential to produce larvae in the City of Fort Collins. An estimated 3.2 million mosquito larvae were eliminated before emerging as biting adults via larvicide applications at storm drains in Fort Collins. CMC applied 15.8 lbs. of Altosid and 0.6 gallons of BVA mineral oil to 1.7 acres of storm drains in the City of Fort Collins.

## Cumulative Larval Acreage Treated

Fort Collins Area Larval Mosquito Control Programs



2013 Colorado Mosquito Control, Inc.

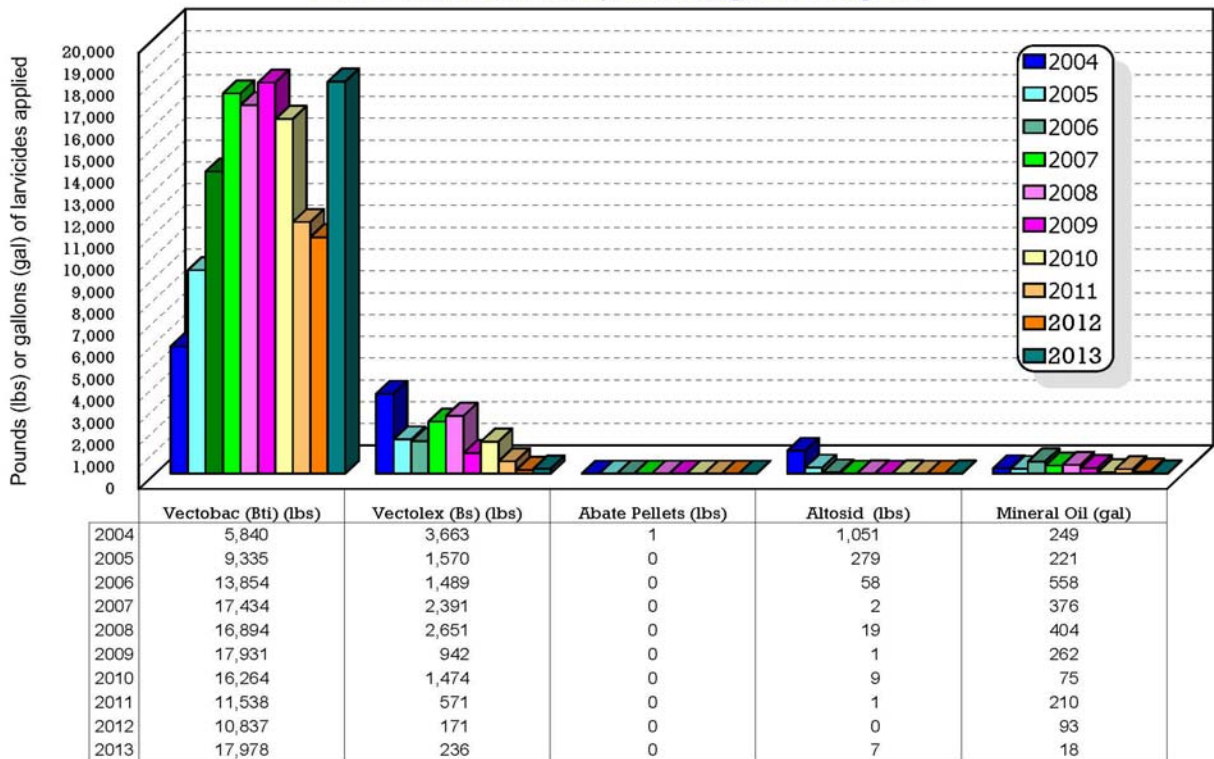
This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

Larval mosquito control can be achieved in several ways including biological, biochemical, chemical, and mechanical means. No single larvicide product will work effectively in every habitat where mosquito larvae are found, so a variety of products and methods should be employed. Additionally, although there are a variety of methods for reducing larval populations some may have greater consequence than benefit. Mechanical or habitat modification is a technique which may be used, but the area to be modified and the extent to which the work will affect the surrounding area must be carefully reviewed. Permanent ecological damage may occur if extensive habitat change has taken place. True biological controls may, too, have costs which outweigh the benefits or competency of their control capacity.

CMC's favored method of larval mosquito control is through bacterial bio-rational products. The main product used by CMC is a variety of bacteria (*Bacillus thuringiensis var. israeliensis*). *Bti* as it is known has become the cornerstone of mosquito control programs throughout the world. The benefits include its efficacy and lack of environmental impacts. When used properly successful control without impact to aquatic invertebrates, birds, mammals, fish, amphibians, reptiles, or humans can be achieved. A broad label allows for the use of the product in the majority of the habitats throughout the service area. Another bacterial product closely related to *Bti* is *Bacillus sphaericus (Bs)*. In addition to all of the benefits of *Bti*, *Bs* is by definition a true biological control agent in that it remains in the system through multiple broods, or generations, of mosquitoes. Unfortunately the residual benefit of the control comes at a cost in price of approximately three times that of *Bti*.

Other larval control products include a growth regulators (methoprene, in the form of the product Altosid), mineral oils (BVA, Kontrol), and an organophosphate (Abate). Methoprene is a synthetic copy of a juvenile growth hormone in larval mosquitoes. The hormone prevents normal development of the adult mosquito in the pupal stage eventually causing death. While a good control product, the cost is prohibitive to be the predominant product in a large scale program. Abate, the one chemical larval control product CMC uses, serves as an effective product, but label restrictions limit its use in many areas. CMC limits the use of chemical larvicides to areas with little biodiversity, such as road side ditches, or areas which chronically produce large amounts of mosquitoes and use them only as a last resort when other solutions are not present. The benefits of these products are the availability of 30 and 150 day formulations. Mineral oil is the only product effective on the pupal stage and therefore is an essential tool when pupae are found.

### Larval Control Product Application Fort Collins Larval Mosquito Management Program



2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

All the fore mentioned methods and products represent the essential ingredients of Integrated Pest Management. Mosquitoes are very well adapted animals and can be found in many different habitat types from a cattail marsh to a cup littered on the side of the road. A variety of tools must be used to prevent resistance and ensure the best method will be available for any given situation.

## 2013 Quality Control

CMC performed quality control inspections in the field from June through the first week of July. There were a total of 46 sites inspected, with correct estimation of acreage, product selection and application rate, thoroughness of inspection and time spent inspecting occurring at 82.2% of the sites. CMC found the major source of inspection errors in 2013 (17.8% of total sites inspected for quality control) were missed areas or inspections at the wrong site on the overview map. This is likely a result of high water levels that occurred with snow pack and confusion over where site boundaries were. CMC worked with technicians to reinforce the importance of walking the entire site and ground truthing sites with maps.



## *CMC Surveillance Laboratory*

Information about mosquito abundance and species identity is critical to a successful mosquito control program. Colorado Mosquito Control employs two kinds of traps to monitor mosquito populations. The most commonly used is the CDC light trap which uses carbon-dioxide from dry ice as bait to attract female mosquitoes seeking a blood meal from a breathing animal. Once attracted by the CO<sub>2</sub>, the mosquitoes are lured by a small light to a fan that pulls them into a net for collection. The gravid trap uses a tub of highly-organic water as bait to attract female mosquitoes that are looking for a place to lay their eggs. A fan placed close to the water surface forces mosquitoes that come to the water into a collection net. Once back in the laboratory, the contents of the trap nets are counted and identified by technicians trained to recognize the Colorado mosquito species.

In 2013, Colorado Mosquito Control monitored a statewide network of hundreds of weekly trap sites, collecting 334,005 adult mosquitoes that were counted and identified to species by the CMC Surveillance Laboratory. While individual traps provide only limited information, trap data is interpreted in the context of historical records for the same trap site, going back in time more than a decade. Individual traps are also compared to other traps from around the region that were set on the same night and therefore exposed to similar weather conditions. Technicians working in the Surveillance Laboratory at Colorado Mosquito Control, Inc. are trained to provide accurate species-level identification of mosquito specimens, for both adults and larvae.



Additionally, the CMC Surveillance Laboratory conducts an intensive larval identification program with larval mosquito samples collected by I&L technicians prior to larviciding being identified to species. This information is now invaluable in targeting mosquito control efforts as we gain a greater understanding of the habitat types preferred by Colorado mosquito species and the seasonality of these habitats as sites for mosquito development.

Specimens and data collected from these traps and larval identification are used in:

- ✈ Determining effectiveness of larval control efforts. Each mosquito species prefers specific kinds of habitats for larval development. If a trap includes large numbers, it could indicate the presence of an unknown larval habitat and, based on the species identification and known habitat preference for that species, direct field technicians as to possible sources of the mosquitoes collected.
- ✈ Determining larval and adult mosquito species. This helps to illustrate the threat of mosquito-borne disease amplification and transmission.
- ✈ Determining where adult control efforts were necessary. While mosquito eradication is impossible, significant population reduction is achievable. In places where larval control was insufficient, especially in neighborhoods where adult mosquitoes migrated in from larval sources outside of the control area, it may be necessary to use adulticide methods, such as ULV truck fogging or barrier sprays of nearby harborage areas. Trap counts that exceeded an acceptable threshold for an area would trigger adult control measures.
- ✈ Surveillance for Mosquito-borne Disease. Historically, CMC efforts were targeted primarily at controlling mosquito nuisance problems with limited disease surveillance. However, since the arrival of the West Nile virus in Colorado in August of 2002, the paradigm has shifted toward disease prevention and control. Accurate species identification of the mosquitoes in the traps is important when monitoring species population trends. It also is necessary for evaluating whether a population spike represents an actual increase in disease transmission potential or only an increased nuisance level.

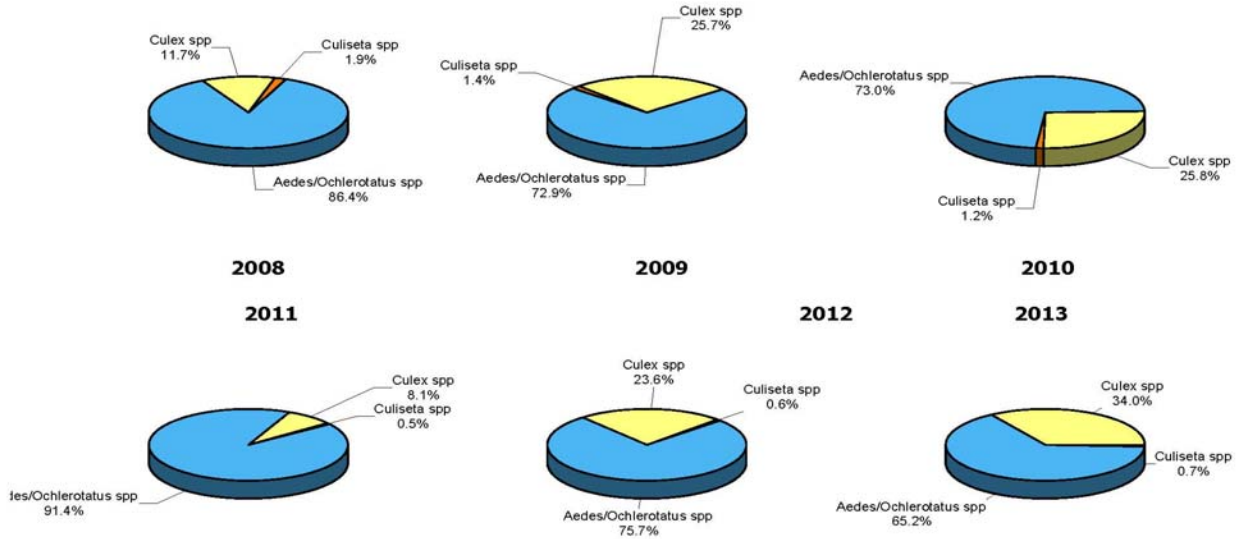
### **SURVEILLANCE LIGHT TRAP DATA**

In 2013, an average of 43 surveillance light traps monitored adult mosquito populations within the City of Fort Collins. Surveillance trapping began the week of June 2<sup>nd</sup> and was concluded on August 29<sup>th</sup>, per the City's mosquito surveillance budget.

There were 553 CDC light surveillance traps set during 2013 within City of Fort Collins, which collected a total of 65,386 mosquitoes. There was an average of 118 mosquitoes caught per trap per night and an average 40 *Culex* mosquitoes per trap per night. The composition of mosquitoes collected was 34.0% (22,211) *Culex spp.*, 65.1% (42,588) *Aedes/ Ochlerotatus spp.*, (0.2%) 104 *Coquillettidia perturbans*, and 0.7% (480) *Culiseta spp.* Please refer to the Light Trap Genus Summary for a weekly breakdown of mosquitoes collected by trap location.

## Annual CDC Light Trap Species Abundance Comparison

Compilation of Mosquitoes Collected from Surveillance Locations within City Limits of Fort Collins  
\*includes surveillance data from traps set in Homeowners Associations and CDPHE sentinel traps

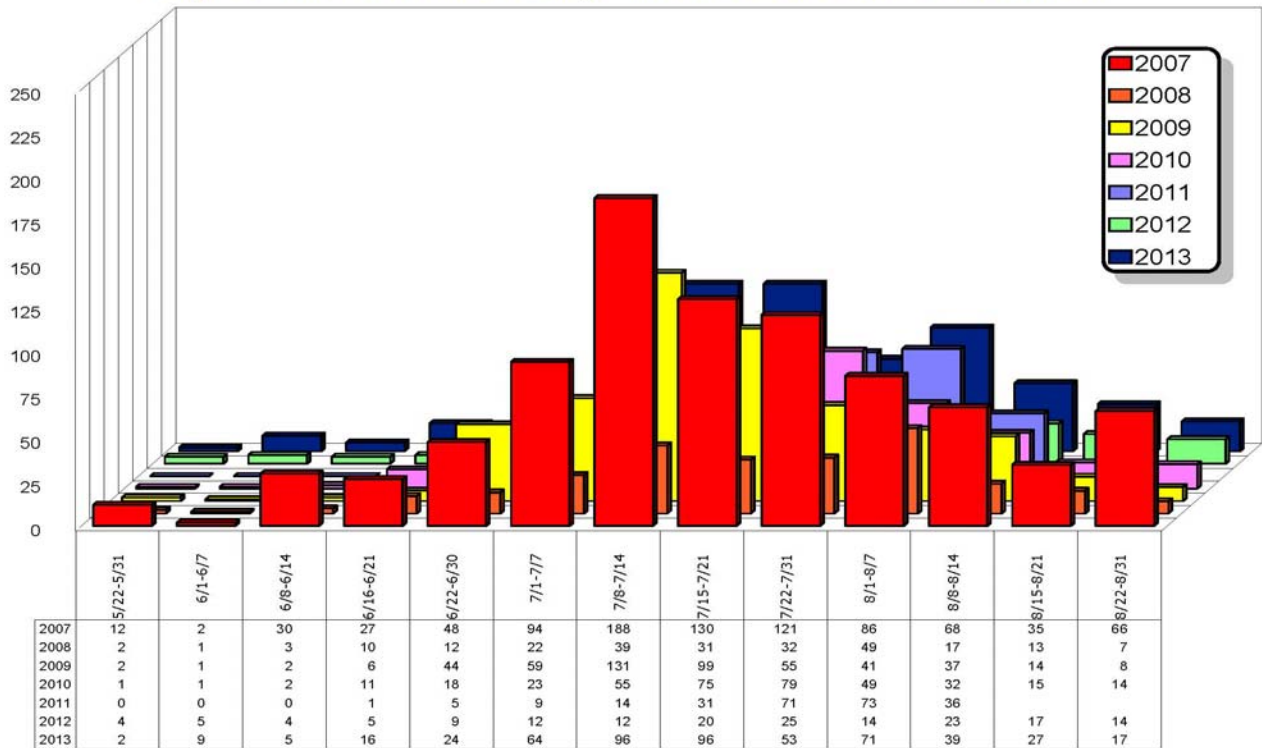


2013: Total 65,386 mosquitoes from 553 trap nights (avg 118 mosquitoes per trap/night)  
 2012: Total 31,198 mosquitoes from 555 trap nights (avg 56 mosquitoes per trap/night)  
 2011: Total 137,894 mosquitoes from 467 trap nights (avg 295 mosquitoes per trap/night)  
 \*Includes data for the period June 1- August 13, reduced surveillance monitoring in 2011 due to city budget cutbacks  
 2010: Total 67,280 mosquitoes from 652 trap nights (avg 103 mosquitoes per trap/night)  
 2009: Total 88,392 mosquitoes from 592 trap nights (avg 149 mosquitoes per trap/night)  
 2008: Total 96,251 mosquitoes from 705 trap nights (avg 137 mosquitoes per trap/night)

2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

## Comparison of Average Culex Mosquitoes per Light Trap/ Night within the City Limits of Fort Collins



2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

## CDC SURVEILLANCE GRAVID TRAP DATA COMPARISON

In 2007, CMC established 5 permanent gravid trap locations generated from data obtained from surveillance gravid trapping history. The Technical Advisory Committee which reviews the City of Fort Collins Mosquito Management Program and provides ideas to City Council which improve the program and data collection made the suggestion to increase the number of gravid traps being set in city limits during the 2013 review. This suggestion was approved by City Council and incorporated into the budget for West Nile virus mosquito surveillance. CMC located 5 new gravid trapping locations in 2013 under the advisement of the Technical Advisory Committee. Gravid traps were set weekly at the 10 locations to obtain a better understanding and confidence for West Nile virus transmission activity across the City of Fort Collins. Gravid traps primarily attract *Culex pipiens*, which prefer avian hosts when seeking a blood meal. Trapping and testing of *Culex pipiens* mosquitoes provides an indicator of viral amplification based on the infection rates and abundance of *Culex pipiens*.

There were 130 gravid traps set in 2013, which collected a total of 3,947 mosquitoes. The species breakdown of mosquitoes collected included; 55 (1.4%) *Aedes/Ochlerotatus spp.*, 4 (0.1%) *Culiseta inornata*, and 3,888 (98.5 %) *Culex pipiens* mosquitoes. Please refer to 2013 Fort Collins Gravid Trap Composite Data Summary for season trends and gravid trapping species breakdown.

## CDPHE SEASONAL ADULT MOSQUITO POPULATION DATA COMPARISON

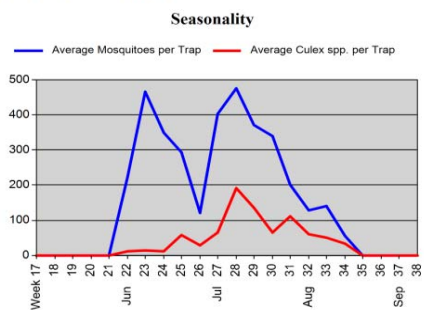
The Sentinel Encephalitis Surveillance Program was funded by the Colorado Department of Public Health and Environment (CDPHE), the City of Fort Collins and the City of Loveland for the seventh season. CMC maintained the sentinel system with five surveillance traps at permanent locations within a five mile radius (the center point at Fossil Ridge High School). The five surveillance trap locations were (FC-04) Bighorn Drive, (FC-14) Fort Collins Visitors Center, (FC-53) Egret and Rookery, (FC-67) Poudre River Trail at Mulberry and Lemay, and (LV-095) Waterfront at Boyd Lake.

All *Culex* mosquitoes were sent to and tested by CSU. CSU sent test result data to the CDPHE for input into ArboNet. The sentinel light traps were set once a week from June 3<sup>rd</sup> to August 31<sup>st</sup>.

### 2013 Larimer CDC Light Trap Composite Data

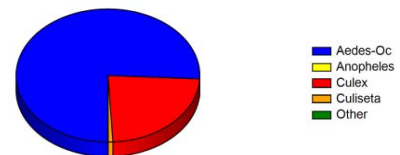
Total number of trap/nights set:	65
Total number of mosquitoes collected:	17,817
Average mosquitoes per trap/night:	274
Average Culex per trap/night:	64

Species collected and abundance:		
<i>Aedes (Oc.) dorsalis</i>	1456	8.2 %
<i>Aedes (Oc.) inorevitus</i>	3858	21.7 %
<i>Aedes (Oc.) melanlimon</i>	361	2.0 %
<i>Aedes (Oc.) trivittatus</i>	383	2.1 %
<i>Aedes vexans</i>	7451	41.8 %
<i>Cooillettidia verturbans</i>	5	0.0 %
<i>Culex vittatus</i>	414	2.3 %
<i>Culex spp</i>	14	0.1 %
<i>Culex tarsalis</i>	3727	20.9 %
<i>Culiseta inornata</i>	148	0.8 %



### Genus proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	13,509	75.8 %
<i>Anopheles</i>	0	0.0 %
<i>Culex</i>	4,155	23.3 %
<i>Culiseta</i>	148	0.8 %
Other	5	0.0 %



## CSU WEST NILE VIRUS MOSQUITO SAMPLE TESTING RESULTS

Many local health departments have moved towards mosquito-based surveillance indicators to assess the weekly risk of West Nile transmission and guide response decisions for mosquito adulticiding. The vector index and infection rate is derived by testing the collected mosquitoes from CMC surveillance trapping for WNV infection. This value is closely monitored by the CDPHE and local health departments to evaluate the risk posed by the vector mosquito population.

As defined in the CDC guidelines for West Nile virus surveillance, prevention and control (June 2013), the vector index (VI) is an estimate of the number of West Nile virus infected mosquitoes in an area. An operational value of 0.75, which was derived from comparison of historical data for human infections, as well as relative abundance and infection in mosquitoes, serves an indicator of high risk for West Nile virus transmission to humans in the corresponding area ([www.cdphe.state.co.us/dc/zoonosis/wnv/wnvsentinel.html](http://www.cdphe.state.co.us/dc/zoonosis/wnv/wnvsentinel.html)). As the value of the vector index increases there is a corresponding risk of human disease and this value can be used to offset epidemics.

Due to budget cutbacks associated with West Nile virus surveillance in recent years, the CDPHE does not have the ability to test mosquitoes from across the state. As a result, there is very limited testing done within unincorporated Larimer County. Testing of mosquitoes for West Nile virus is paid for by the City of Fort Collins and Loveland.

In 2013, a total of 1,187 mosquito sample pools comprised of 7,032 *Culex pipiens*, 115 *Culex spp.*, and 18,946 *Culex tarsalis* mosquitoes collected from surveillance traps in the City of Fort Collins were tested for West Nile virus at Colorado State University. Of these 1,187 sample pools, 1,029 were negative for West Nile and 158 mosquito samples were West Nile positive. There were 21 pools positive for West Nile which were collected from gravid traps and 137 WN+ pools collected from CDC CO<sub>2</sub> baited light traps in the City of Fort Collins.

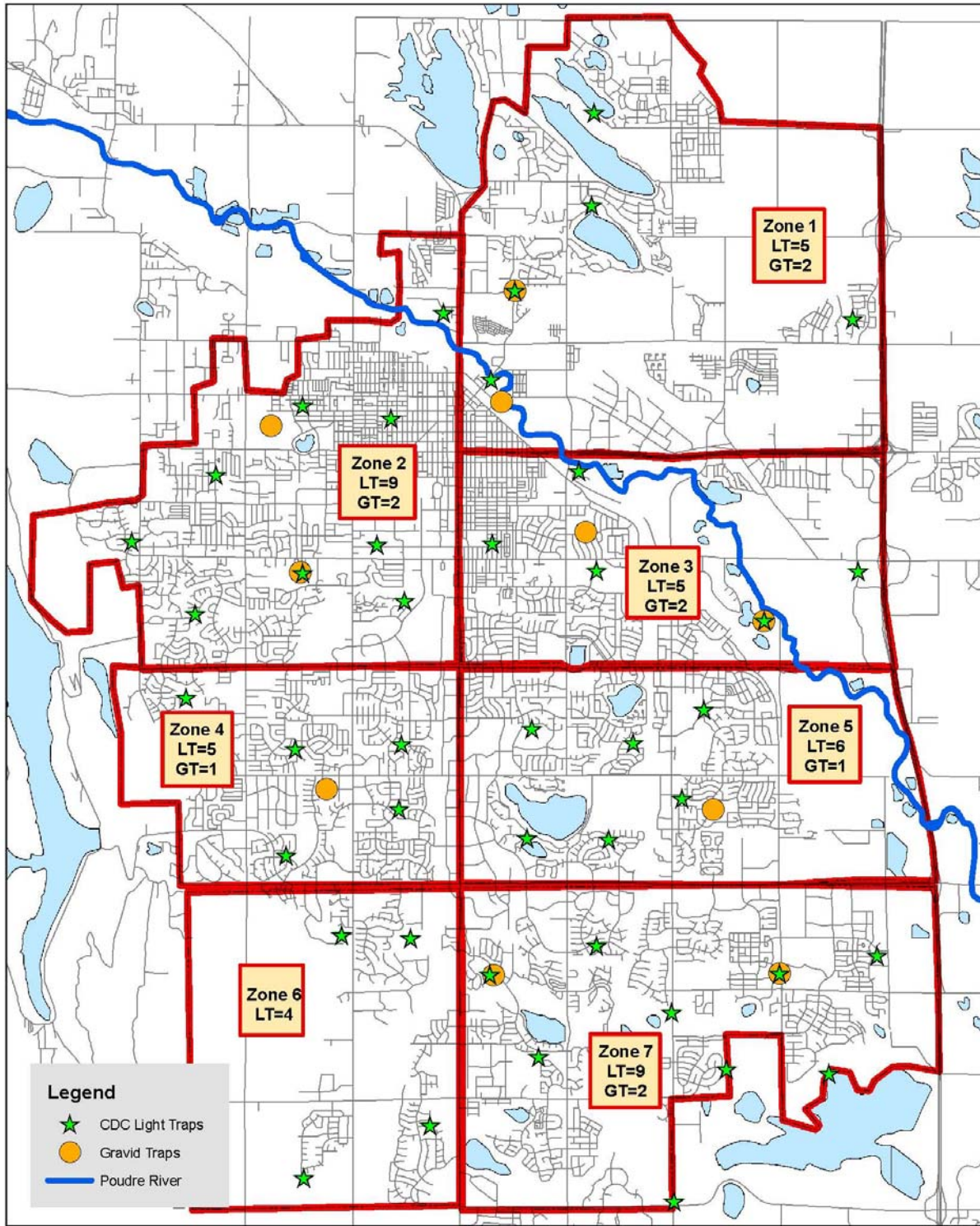
A total of 351 mosquito sample pools comprised of 1,984 *Culex pipiens*, 104 *Culex spp.*, and 8,727 *Culex tarsalis* mosquitoes collected from surveillance traps in the City of Loveland were tested for West Nile virus at Colorado State University. Of these 351 sample pools, 291 were negative for West Nile and 55 mosquito sample pools were West Nile positive. There were 2 WN+ pools which were collected from gravid traps and 53 WN+ pools collected from CDC CO<sub>2</sub> baited light traps in the City of Loveland. There were 213 WN+ mosquito sample pools identified from Larimer County in 2013.

Trap Nights and Week	Total Sample Pools Submitted to CSU	Fort Collins Pools	Loveland Pools	# of WN+ samples	# WN+ Pools in Fort Collins	# WN+ Pools in Loveland	% WN+ Versus Total Pools Submitted in Fort Collins	% WN+ Versus Total Pools Submitted in Loveland
June 3 to June 6 2013 Week 23	28	23	5	5	5	0	22%	0%
June 10 to June 13 2013 Week 24	60	51	9	0	0	0	0%	0%
June 17 to June 20 2013 Week 25	54	47	7	0	0	0	0%	0%
June 24 to June 27 2013 Week 26	68	62	6	1	1	0	2%	0%
July 1 to July 4 2013 Week 27	88	74	14	2	1	1	1%	7%
July 8 to July 11 2013 Week 28	155	123	32	10	8	2	7%	6%
July 15 to July 18 2013 Week 29	223	150	73	35	21	14	14%	19%
July 22 to July 25 2013 Week 30	188	152	36	38	31	7	20%	19%
July 29 to August 1 2013 Week 31	147	116	31	22	15	7	13%	23%
August 5 to August 8 2013 Week 32	182	129	53	49	36	13	28%	25%
August 12 to August 16 2013 Week 33	128	102	26	15	13	2	13%	8%
August 19 to August 23 2013 Week 34	123	80	43	18	12	6	15%	14%
August 26 to August 30 2013 Week 35	94	78	16	18	15	3	19%	19%
<b>Totals</b>	<b>1538</b>	<b>1187</b>	<b>351</b>	<b>213</b>	<b>158</b>	<b>55</b>		

## FORT COLLINS VECTOR INDEX VALUES

The Larimer County Department of Health and Environment (LCDHE) made the first recommendation for public health response adulticiding on July 25<sup>th</sup> (week 30) for communities from Harmony Road south and east of College Avenue (Zone 7) when the vector index was 1.895 for this area. The second recommendation by LCDHE was issued on July 29<sup>th</sup> for 3 smaller zones of the city. This second recommendation encompassed Drake to Harmony and east of College Avenue (Zones 5) where the VI had reached a level of 0.915, Harmony south and west of College (Zone 6) where the VI was 1.944, and Harmony south and east of College Avenue (Zone 7) where the VI was 1.93. These smaller portions of the City of Fort Collins were higher risk areas for West Nile transmission, so the recommendations were aimed at spraying smaller portions of the city to reduce risk by killing the number of infected vector mosquitoes.

The third recommendation for public health response adulticiding was issued by LCDHE on August 8<sup>th</sup> and included all Fort Collins city limits. Mosquito testing results indicated that the *Cx. pipiens* infection rate was 7.4 per 1000 and the *Cx. tarsalis* infection rate was 5.2 per 1,000, thereby surpassing the city's action threshold of 3 per 1,000. The city had at this point met the criteria of the City's West Nile Virus Management Policy and contracted CMC to perform 2 rounds of city wide ultralow-volume mosquito spraying for West Nile Virus prevention. It is important to note that the city-wide VI for Fort Collins first exceeded the 0.75 action threshold in week 30. Public Health Response ULV adulticiding was not conducted until weeks 33 and 34. It is likely that a majority of WN human infections occurred during weeks 30-32, based on the infection rates in mosquitoes observed between the period of Week 29 and 32 and the historic trends in peak West Nile Virus transmission.



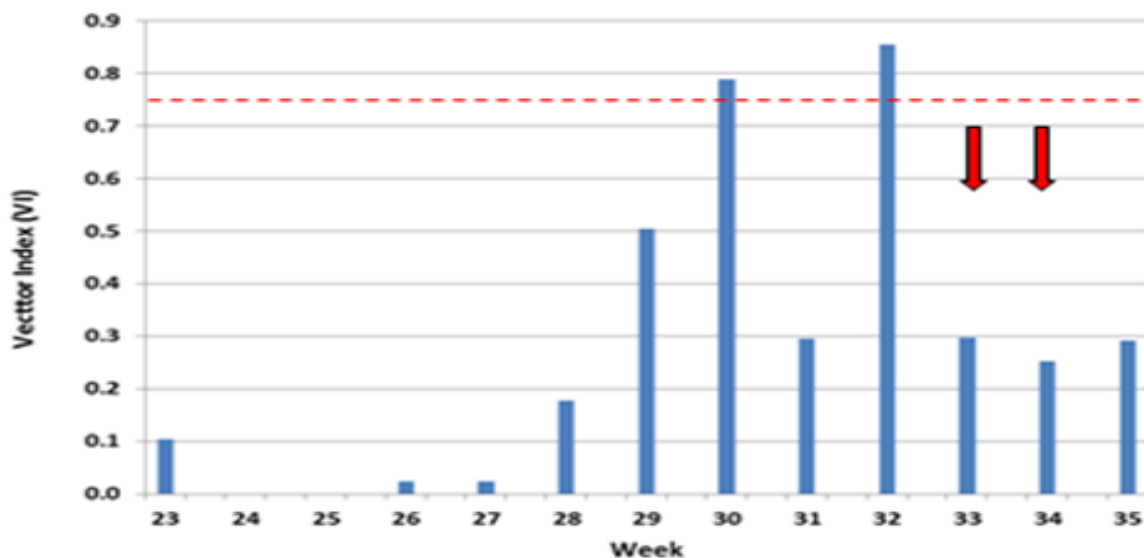
**Fort Collins  
Zone Breakdown**

Prepared by Colorado Mosquito Control, Inc.  
695 7th Ave Brighton, CO 80601  
303-558-8730 CMC Copyright 11/8/2013



Public health response adulticiding within city limits south of Mulberry as well as portions of unincorporated Larimer County that were south of Mulberry were sprayed on August 15<sup>th</sup> and 20<sup>th</sup>. All city limits north of Mulberry Ave and portions of unincorporated Larimer County to the north were sprayed with mosquito adulticides on August 14<sup>th</sup> and 19<sup>th</sup>. Evaluation of risk following the city wide spraying showed a reduction in the vector index from 0.85 to 0.25. Colorado State University ceased mosquito sample testing in week 35 per the City of Fort Collins mosquito surveillance contract which ended on August 31<sup>st</sup>. No subsequent data on mosquito abundance or WN infection was available.

### Vector Index (VI), Fort Collins, 2013



Source: Dr. Chet Moore, CSU

### LOVELAND VECTOR INDEX VALUES

The city wide vector index for the week of July 14<sup>th</sup> was calculated at 0.74, as reported by CSU, from vector mosquitoes collected from surveillance locations in the City of Loveland. The city wide vector index for the week of July 21<sup>st</sup> was calculated at 0.50, as reported by CSU, from vector mosquitoes collected from surveillance locations in the City of Loveland. Sustained high levels of West Nile infection in mosquitoes triggered public health response adulticiding in the northwestern portion of the City of Loveland where vector indices were higher than the city wide values. West Nile virus response spraying was performed based on recommendations by the Larimer County Department of Health and Environment issued on July 24<sup>th</sup> to include west of 287, east of Wilson, south of 57<sup>th</sup>, and north of 29<sup>th</sup>. The Emergency Response Spray Applications for the northwest portion of Loveland, considered a hotspot for West Nile virus activity, were performed on July 25<sup>th</sup> and 28<sup>th</sup>. Spraying encompassed 138.4 miles of roads and trails in city limits and 10 miles of roads in unincorporated Larimer County just outside city limits. The city wide vector index for mosquitoes collected following the 2 rounds of spraying was 0.38 as reported by CSU for mosquitoes tested between July 28<sup>th</sup> and August 2<sup>nd</sup>.



WNV infection rates in *Culex* mosquitoes from the City of Loveland continued to present concern following emergency spraying in the smaller section of Loveland, as WNV infection remained widespread across city limits. The LCDHE made a second recommendation for expanded public health spraying, due to suitable weather conditions for vector mosquito development, virus amplification across the city and confirmation of five West Nile human infections by August 7<sup>th</sup>. The vector index for August 4<sup>th</sup>-August 9<sup>th</sup> was 0.46 in the City of Loveland, which triggered the 2<sup>nd</sup> recommendation by the LCDHE on August 6<sup>th</sup>. This recommendation expanded response spraying to all city limits of Loveland. This city wide spraying, which included unincorporated portions of Larimer County surrounding the city was performed on August 11<sup>th</sup> and August 15<sup>th</sup>. Spraying encompassed 751.8 miles of roads and trails in city limits and 103.4 miles of roads in unincorporated Larimer County just outside city limits. The vector index for mosquitoes collected from the City of Loveland for the period of August 11<sup>th</sup>- 16<sup>th</sup>, which fell in between the ground based ULV applications was 0.55. The vector index following the 2 rounds of spraying, for the period August 18<sup>th</sup>-23<sup>rd</sup> for the City of Loveland was 0.28, as reported by CSU. The vector for the period August 25<sup>th</sup>-30<sup>th</sup> for the City of Loveland was 0.28, as reported by CSU.

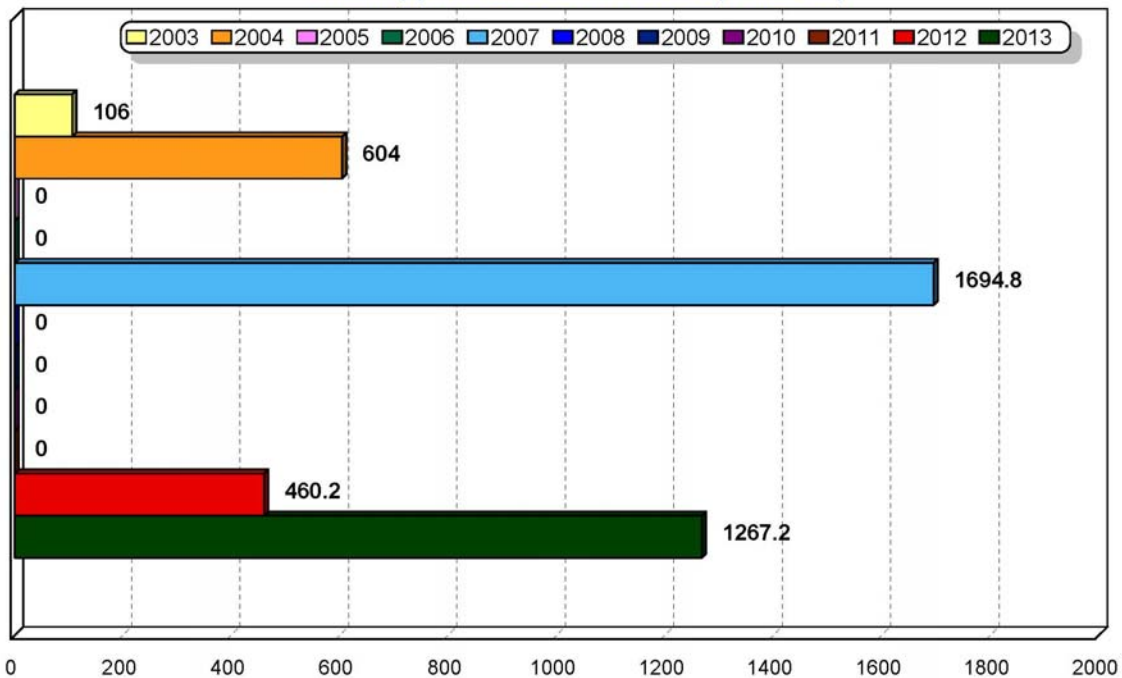
## ADULT MOSQUITO CONTROL

The goal of Colorado Mosquito Control, Inc. is to provide all residents of Larimer County Cooperative Programs with the best options for effective modern mosquito management. The primary emphasis of the City of Fort Collins Mosquito Management Program is to control mosquitoes in the larval stage, using biological control products.

Although the City of Fort Collins does not have an adulticiding component built into their mosquito control program, it is important to note that CMC did adulticide in city limits of Fort Collins in 2013 due to elevated West Nile risk and sustained infection in vector mosquitoes. The decision to spray was approved by City Council and the City Manager, based on the recommendation of the Technical Advisory Committee and the Larimer County Department of Health and Environment. Colorado Mosquito Control performed 101 hours of mosquito adulticiding over 1,267.2 total miles of roads and trails in Fort Collins city limits and 247.2 miles of roads in unincorporated Larimer County during the ground based truck ULV Public Health Emergency Spraying in 2013. CMC also performed mosquito spraying in 2013 at the request of several private homeowners' associations. CMC utilized the water-based products AquaLuer 20-20 for ULV adult mosquito control in all spraying applications.

### Mileage Comparison of Truck ULV Adulticide Applications within the City of Fort Collins

\*Miles Approved and Funded by the City

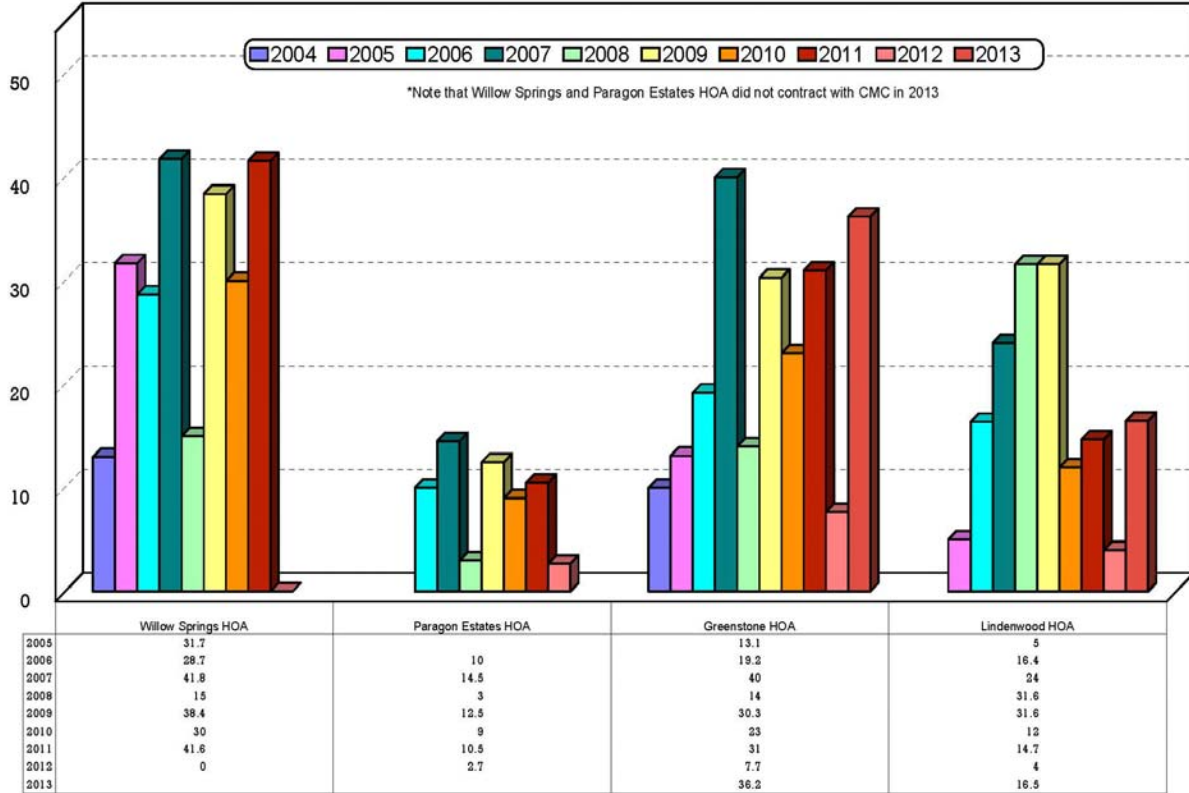


2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc. and is protected by state and federal statutes.

## ULV Adulicide Mileage Comparison By Service Area

City of Fort Collins HOA Mosquito Management Programs  
(Graph includes Public Health Response ULV Miles paid for by the City of Fort Collins)



2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

CMC uses state of the art technology, calibrated application timing, and least-toxic products to minimize non-target impacts. All adult mosquito control is accomplished using Ultra Low Volume (ULV) fogging equipment and performed after dusk when the majority of mosquito species are most active. This type of equipment produces droplets averaging 12 microns in diameter and allows for a minimal amount of product to be put into the environment. These treatments take place in the evening when mosquitoes are flying in greater numbers and non-target insect activity (for example, day-flying pollinators like bees) is greatly reduced. Using this application technique, the overall goal of minimal environmental impact and effective adult control is achieved in the targeted area.

## *Public Relations and Education*

CMC believes in and remains dedicated to providing strong Public Outreach and Education Programs to all of our accounts. Citizen complaints, inquiry, information and satisfaction surveys can aid in evaluating the effectiveness of a program. CMC constantly looks for ways to better serve the communities we work with and appreciates both the citizen and local media involvement for the betterment of the programs we offer. We have clearly demonstrated that commitment and belief by proactively serving the community (and all of our contracted communities) with numerous innovative programs, activities and services.

Customer service is always a high priority for CMC. We take pride in training each and every technician so that they have the confidence and information to provide residents with the correct answers to sometimes difficult questions. Each field technician spends part of their day responding to resident concerns in their work area. This in-field customer service personalizes the mosquito control program, provides us with local information on mosquito activity and facilitates the valuable opportunity to truly communicate face-to-face with the residents we serve.

### **MosquitoLine™**

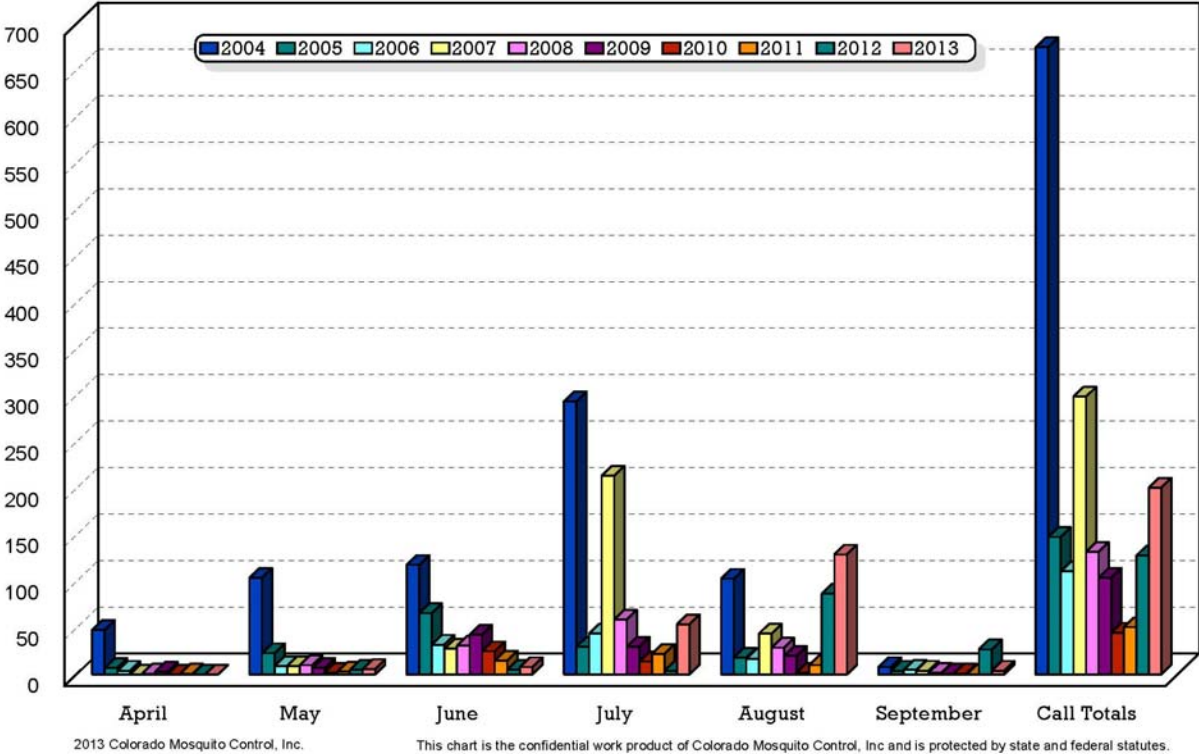
CMC maintains a toll-free (in Colorado) telephone line: (877) 276-4306 and local lines at 970-962-2582 and 970-663-5697 (at no cost to the customer) to accept calls from the public concerning:

- ✧ Information about mosquito biology and source reduction of mosquito habitats
- ✧ Information on program components, operations, and monitoring efforts within the City
- ✧ Seasonal West Nile virus activity
- ✧ Personal protection options for mosquito annoyances and West Nile virus risk
- ✧ Reports and concerns of mosquitoes and possible larval mosquito habitats and perform larvicide applications to control mosquito larvae at no cost to the property owner
- ✧ Request notification when adulticide spraying is planned in and around their neighborhood
- ✧ Request health and safety information about mosquito control operations and pesticide products used in the City of Fort Collins



CMC has provided Mosquito Hotlines to the residents in communities which we are contracted to also reduce workload by municipal personnel. This enables direct communication and response by mosquito control employees to resident concern about West Nile Virus and larval site activity and treatment. CMC will maintain a log of calls received and will summarize call activity in monthly and annual reports.

## MosquitoLine Calls Received By Month City of Fort Collins Mosquito Management Program

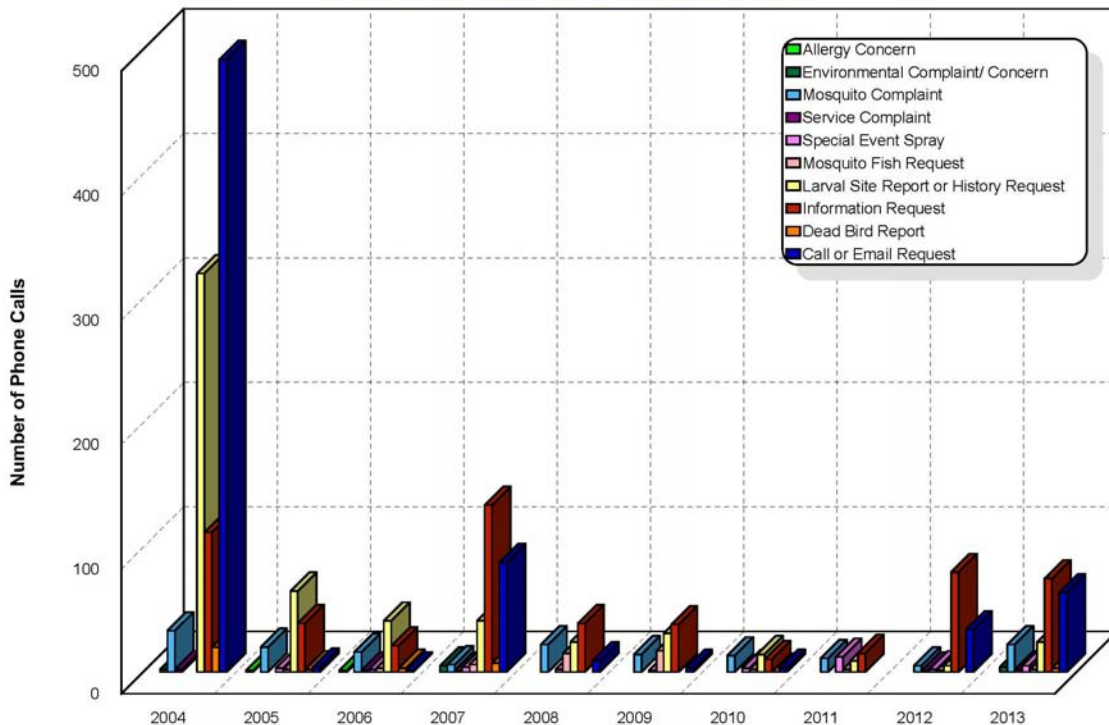


In 2013 CMC fielded 201 phone calls from City of Fort Collins residents. Of these, there were seventy five requests for information regarding the city’s mosquito control program, questions about when and where mosquito spraying would occur and West Nile virus risk. There were sixty four requests to be added to the call or email notification list for when mosquito spraying would occur around their homes within the City of Fort Collins. There were twenty four new larval sites reports, in which a CMC technician inspected the area for standing water. If the habitat posed potential for mosquito larvae, then CMC would treat and add the site into the routine inspection program for the City of Fort Collins. There were twenty two mosquito annoyance calls received in 2013. CMC responded to these mosquito annoyances by either providing trap data for the local area or inspecting the area for new sites that may be producing mosquitoes and causing the annoyance. There were five requests for special event sprays at private residences. There were three dead bird reports received, which CMC reported to the CDPHE. There were four phone calls received by CMC management expressing environmental concern associated with mosquito adulticiding. CMC management referred residents to MSDS literature and published toxicology studies which provided more detailed about exposure and risk. There were two service complaints received. CMC referred to GPS

maps for one report about the spray truck traveling down a resident street, for which CMC tried to explain the route driven and the noise associated with the fogging machine. The second call was regarding the rate of speed the truck was driving during spraying. CMC management explained the calibration of mosquito sprays and the 15 mph speeds that are driven, as well as the ways the routes are driven. There were two mosquitofish requests, for which CMC supplied fish in homeowner's ponds.

## Annual Comparison of MosquitoLine Calls

Fort Collins Resident Phone Calls by Type



2013 Colorado Mosquito Control, Inc.

This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

### CALL & EMAIL NOTIFICATION SYSTEM

CMC will continue to maintain a comprehensive Call and Email Notification database and will notify city residents on the list when conducting ULV adulticide spray applications within 2 blocks of their property or within the effective ULV spray drift distance (300-500 ft depending on wind speed and direction). As of 2013, there are 151 residents of Fort Collins on the Call & Email Notification Program.

It is important to note that the City of Fort Collins did not provide a shutoff option during the 2013 city wide public health spraying on the premise that 48 hours prior notice of mosquito spraying was provided to residents who wanted to cover gardens and lawns to reduce the deposition of mosquito sprays on their property. A shutoff option with buffer inclusion during public health spraying is not practical as it leaves sections of harborage untreated and reduces the efficacy of the spraying by not allowing wider coverage.

## FREE FISH STOCKING PROGRAM

CMC will continue to work with residents to supply larvivorous fish to those residents with ornamental and closed-system ponds that are not currently stocked with fish and that may be producing mosquito problems in their neighborhoods. CMC technicians will physically visit the resident's homes to distribute fish.

**FLOATER TRAP PLACEMENT** for annoyance reports at resident homes at locations away from standard trapping zones.

**DAILY POSTING OF ULV SPRAY ZONES** posted by 3 pm for resident notification

[http://www.comosquitocontrol.com/Spray\\_Schedules.html](http://www.comosquitocontrol.com/Spray_Schedules.html)

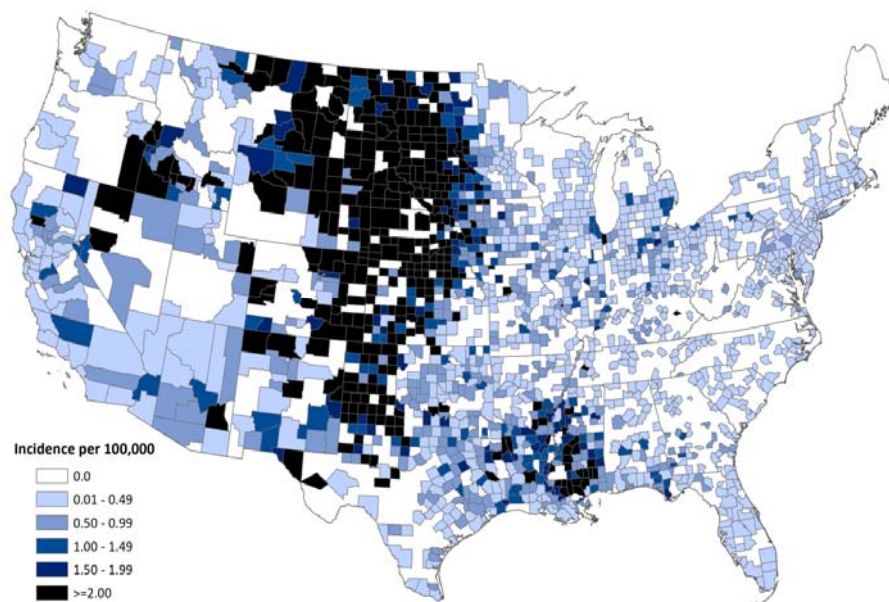


The screenshot shows the website for Colorado Mosquito Control, Inc. The header includes the company logo and name, along with the tagline "Protecting Colorado from Annoyance & Disease Since 1968". The main content area is titled "Spray Schedules - Adult Mosquito Control Applications" and features a section for "ADULT MOSQUITO SPRAY SCHEDULE". This section specifies "Truck-based ULV (ultra-low volume) 'Fogging'" and provides a phone number for more information: 703.438.8208. The schedule is for Tuesday, August 5, 2008, in Larimer County, City of Loveland, with times from 11:21 to 11:22. A "Call & ShutOff Request Form" button is visible. A note at the bottom states: "All Adult Mosquito Spray applications are planned for the hours between Dawn (-4:00pm) and Dawn (-4:00am), WEATHER PERMITTING. Applications may be cancelled or postponed, all or in part, without notice. For information on ULV (ultra-low volume) Fogging, Jump to Mosquito Control Page, the Adult Mosquito Control section. Click here for information on Possibilities." A "Please Note" section at the bottom indicates that the Boulder County Mosquito Control District Spray Schedule Newspaper Ads will appear every Tuesday, starting in June.

## Summary

As a result of the extensive distribution of West Nile Virus vectors in the U.S., WNV is now the most frequent cause of arboviral disease in the country. Though widely distributed, WNV transmission is temporally and spatially heterogeneous. ([www.cdc.gov/westnile/resources/pdfs/wnvGuidelines.pdf](http://www.cdc.gov/westnile/resources/pdfs/wnvGuidelines.pdf)). Epidemiological data gathered since 1999 identifies regions in the United States with recurring high levels of WNV transmission and risk to humans, of which much of the Northern Front Range of Colorado is included.

### Average annual incidence of West Nile Virus neuroinvasive disease, 1999-2012



Source: WNV Guidelines CDC 2013

An improved understanding of the factors that drive vector abundance at the landscape-level can be obtained from consistent data collection which monitors mosquito population abundance and enables the comparison of this data across seasons. Insight about the temporal and spatial effects for West Nile transmission across a mosquito season is critical to managing risk of human exposure to WN infected mosquitoes.

CMC recognizes that the vector *Culex tarsalis* will continue to use the irrigation tail waters and wetland rich marshes along the Front Range as the primary habitat for larval development. The 2013 resurgence in mosquito-borne illness clearly illustrates the continued need for on-going mosquito control, mosquito surveillance, vigilant action and response. This year provided CMC the opportunity to once again demonstrate our experience and ability to plan and execute emergency response measures in the interest of public health. CMC continues to engage in responsible IPM techniques for mosquito management, fully utilizing all available biological control options while minimizing the use of chemical pesticides as needed.

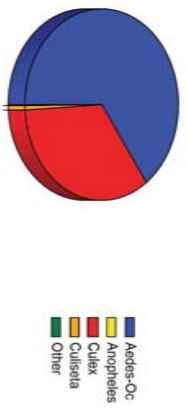
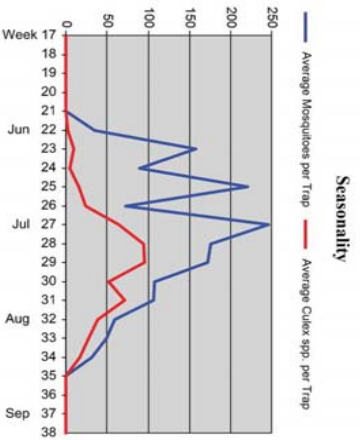


## 2013 Fort Collins CDC Light Trap Composite Data

Total number of trap/nights set: 553  
 Total number of mosquitoes collected: 65,386  
 Average mosquitoes per trap/night: 118  
 Average Culex per trap/night: 40

**Species collected and abundance:**

<i>Aedes (Oc.) albopictus</i>	4805	7.3%
<i>Aedes (Oc.) triseriatus</i>	4963	7.6%
<i>Aedes (Oc.) canadensis</i>	708	1.1%
<i>Aedes (Oc.) nigromaculis</i>	1	0.0%
<i>Aedes (Oc.) triseriatus</i>	445	0.7%
<i>Aedes vexans</i>	31666	48.5%
<i>Anopheles spp</i>	3	0.0%
<i>Coyutiella perturbans</i>	104	0.2%
<i>Culex pipiens</i>	3062	4.7%
<i>Culex spp</i>	96	0.1%
<i>Culex tarsalis</i>	19053	29.1%
<i>Culiseta inornata</i>	17	0.0%
<i>Culiseta inornata</i>	463	0.7%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	42,588	65.1%
<i>Anopheles</i>	3	0.0%
<i>Culex</i>	22,211	34.0%
<i>Culiseta</i>	480	0.7%
Other	104	0.2%

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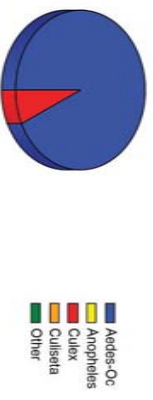
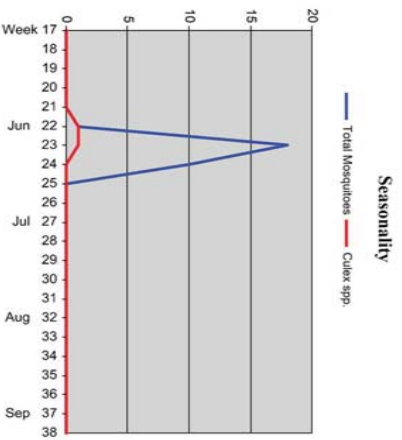
## FC-002: 3907 Benthaven

Season: 2013  
 Trap Type: Light/CO2  
 Location: 3907 Benthaven  
 GPS: N40° 32.020', W105° 5.270'

Total number of trap/nights set: 3  
 Total number of mosquitoes collected: 29  
 Average mosquitoes per trap/night: 10  
 Average Culex per trap/night: 1

**Species collected and abundance:**

<i>Aedes vexans</i>	27	93.1%
<i>Culex tarsalis</i>	2	6.9%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	27	93.1%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	2	6.9%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%

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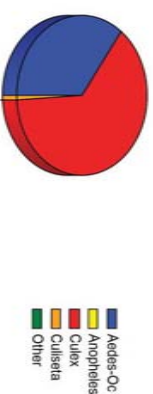
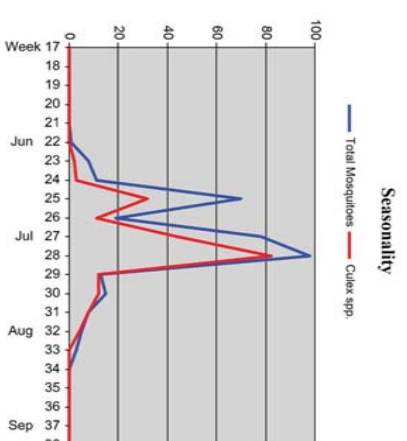
## FC-001: Magic Carpet

Season: 2013  
 Trap Type: Light/CO2  
 Location: Hudson and Avondale detention basin  
 GPS: N40° 29.455', W105° 4.955'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 329  
 Average mosquitoes per trap/night: 25  
 Average Culex per trap/night: 16

**Species collected and abundance:**

<i>Aedes (Oc.) albopictus</i>	64	19.5%
<i>Aedes vexans</i>	52	15.8%
<i>Culex pipiens</i>	19	5.8%
<i>Culex tarsalis</i>	191	58.1%
<i>Culiseta inornata</i>	3	0.9%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	116	35.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	210	63.8%
<i>Culiseta</i>	3	0.9%
Other	0	0.0%

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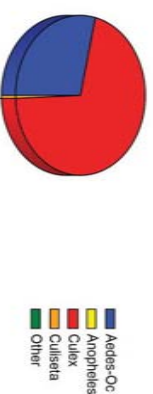
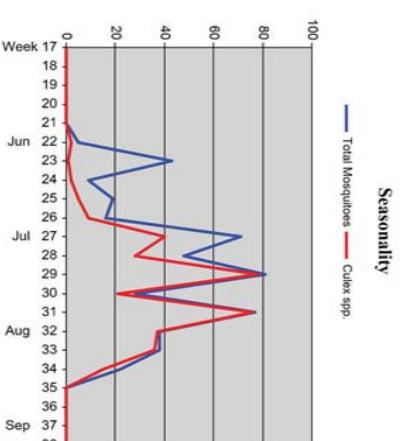
## FC-004: Bighorn Drive

Season: 2013  
 Trap Type: Light/CO2  
 Location: Along side fence of 2201 Bighorn Drive  
 GPS: N40° 32.105', W105° 2.250'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 495  
 Average mosquitoes per trap/night: 38  
 Average Culex per trap/night: 27

**Species collected and abundance:**

<i>Aedes (Oc.) albopictus</i>	19	3.8%
<i>Aedes (Oc.) triseriatus</i>	1	0.2%
<i>Aedes vexans</i>	122	24.6%
<i>Culex pipiens</i>	37	7.5%
<i>Culex tarsalis</i>	313	63.2%
<i>Culiseta inornata</i>	3	0.6%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	142	28.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	350	70.7%
<i>Culiseta</i>	3	0.6%
Other	0	0.0%

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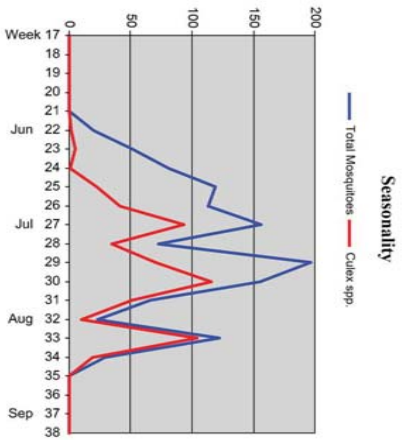
### FC-006: North Linden

Season: 2013  
 Trap Type: Light/CO2  
 Location: North Linden at east side of bike trail  
 GPS: N40° 33.460', W105° 4.250'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,205  
 Average mosquitoes per trap/night: 93  
 Average Culex per trap/night: 44

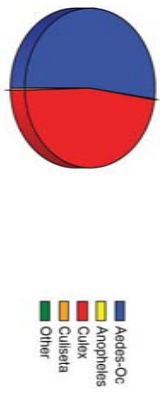
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	9	0.7%
<i>Aedes (Oc) incrucipis</i>	9	0.7%
<i>Aedes (Oc) mediovittatus</i>	19	1.6%
<i>Aedes vexans</i>	992	49.1%
<i>Anopheles spp</i>	2	0.2%
<i>Culex pipiens</i>	124	10.3%
<i>Culex spp</i>	28	2.3%
<i>Culex tarsalis</i>	417	34.6%
<i>Culiseta inornata</i>	5	0.4%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Chlorotanus</i>	629	52.2%
<i>Anopheles</i>	2	0.2%
<i>Culex</i>	569	47.2%
<i>Culiseta</i>	5	0.4%
Other	0	0.0%



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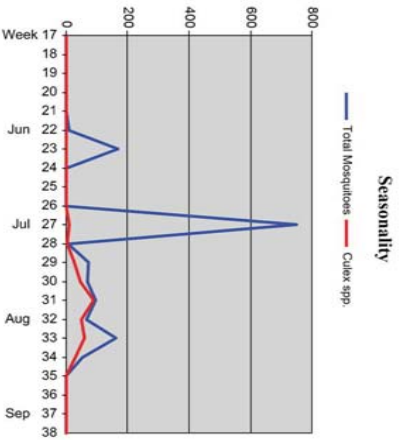
### FC-014: Fort Collins Visitors Center

Season: 2013  
 Trap Type: Light/CO2  
 Location: off Prospect at nature trail and creek  
 GPS: N40° 33.910', W105° 0.355'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,458  
 Average mosquitoes per trap/night: 112  
 Average Culex per trap/night: 24

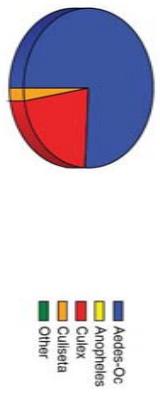
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	774	53.1%
<i>Aedes (Oc) incrucipis</i>	20	1.4%
<i>Aedes (Oc) mediovittatus</i>	2	0.1%
<i>Aedes vexans</i>	310	21.3%
<i>Culex pipiens</i>	140	9.6%
<i>Culex tarsalis</i>	174	11.9%
<i>Culiseta inornata</i>	38	2.6%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Chlorotanus</i>	1,106	75.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	314	21.5%
<i>Culiseta</i>	38	2.6%
Other	0	0.0%



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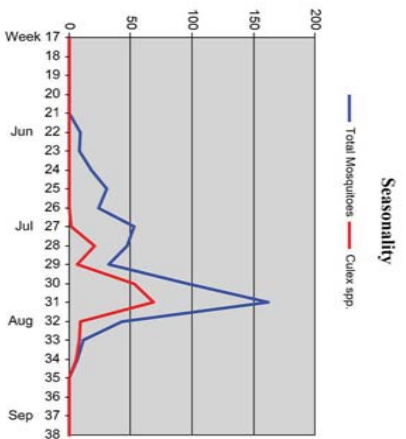
### FC-011: Golden Currant

Season: 2013  
 Trap Type: Light/CO2  
 Location: Golden Currant and Banyan  
 GPS: N40° 34.180', W105° 8.120'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 543  
 Average mosquitoes per trap/night: 42  
 Average Culex per trap/night: 13

#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	26	4.8%
<i>Aedes (Oc) mediovittatus</i>	1	0.2%
<i>Aedes (Oc) tristans</i>	2	0.4%
<i>Aedes vexans</i>	333	61.3%
<i>Cogasteria perthensis</i>	73	13.4%
<i>Culex pipiens</i>	102	18.8%
<i>Culex tarsalis</i>	5	0.9%
<i>Culiseta inornata</i>	5	0.9%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Chlorotanus</i>	362	66.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	175	32.2%
<i>Culiseta</i>	5	0.9%
Other	1	0.2%



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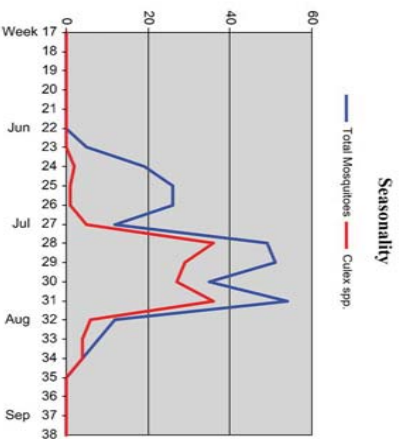
### FC-015: Stuart and Dorset

Season: 2013  
 Trap Type: Light/CO2  
 Location: Stuart and Remedie ditch  
 GPS: N40° 33.605', W105° 7.440'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 275  
 Average mosquitoes per trap/night: 23  
 Average Culex per trap/night: 12

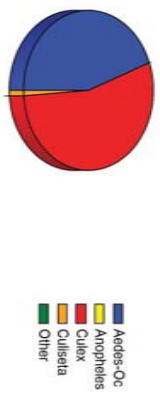
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	2	0.7%
<i>Aedes vexans</i>	120	43.6%
<i>Culex pipiens</i>	48	17.5%
<i>Culex tarsalis</i>	102	37.1%
<i>Culiseta inornata</i>	3	1.1%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Chlorotanus</i>	122	44.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	150	54.5%
<i>Culiseta</i>	3	1.1%
Other	0	0.0%



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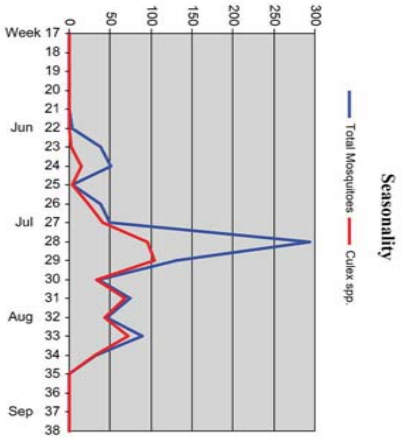
## FC-019: Edora Park

Season: 2013  
 Trap Type: Light/CO2  
 Location: Prospect and Welch in Edora Park  
 GPS: N40° 33.935', W105° 3.145'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 889  
 Average mosquitoes per trap/night: 68  
 Average Culex per trap/night: 41

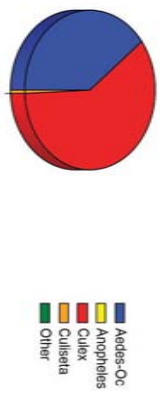
### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	3	0.3%
<i>Aedes (Oc) incrucipus</i>	5	0.6%
<i>Aedes (Oc) triseriatus</i>	2	0.2%
<i>Aedes vexans</i>	342	38.5%
<i>Culex pipiens</i>	169	19.0%
<i>Culex tarsalis</i>	362	40.7%
<i>Culiseta inornata</i>	6	0.7%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	352	39.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	531	59.7%
<i>Culiseta</i>	6	0.7%
Other	0	0.0%



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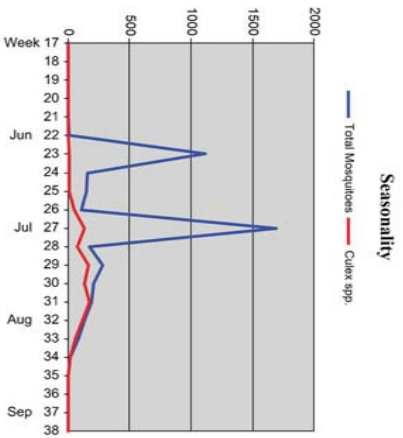
## FC-027: San Luis

Season: 2013  
 Trap Type: Light/CO2  
 Location: behind 3001 San Luis along ditch  
 GPS: N40° 33.810', W105° 1.990'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 4,315  
 Average mosquitoes per trap/night: 332  
 Average Culex per trap/night: 73

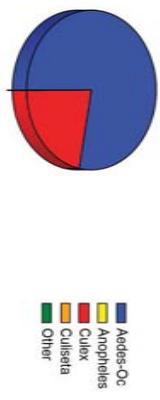
### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	84	1.9%
<i>Aedes (Oc) incrucipus</i>	27	0.6%
<i>Aedes (Oc) triseriatus</i>	1	0.0%
<i>Aedes vexans</i>	3255	75.4%
<i>Culex pipiens</i>	176	4.1%
<i>Culex tarsalis</i>	768	17.8%
<i>Culiseta inornata</i>	4	0.1%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	3,367	78.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	944	21.9%
<i>Culiseta</i>	4	0.1%
Other	0	0.0%



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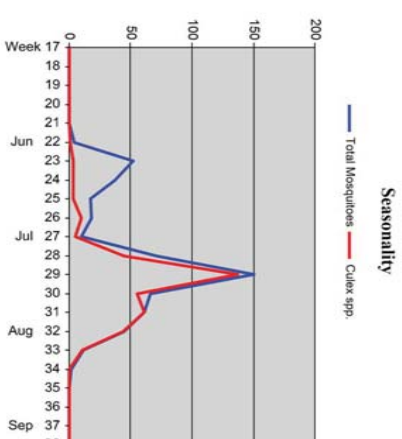
## FC-023: Boltz

Season: 2013  
 Trap Type: Light/CO2  
 Location: Boltz Junior High School  
 GPS: N40° 32.665', W105° 3.855'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 545  
 Average mosquitoes per trap/night: 42  
 Average Culex per trap/night: 29

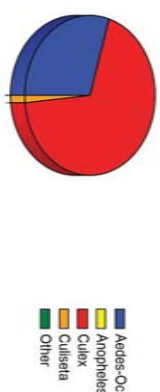
### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	20	3.7%
<i>Aedes (Oc) incrucipus</i>	1	0.2%
<i>Aedes (Oc) triseriatus</i>	140	25.7%
<i>Aedes vexans</i>	37	6.8%
<i>Culex pipiens</i>	338	62.0%
<i>Culex tarsalis</i>	8	1.5%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	162	29.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	375	68.8%
<i>Culiseta</i>	8	1.5%
Other	0	0.0%



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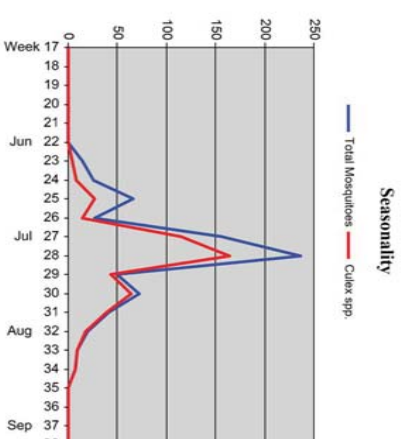
## FC-029: Bens Park

Season: 2013  
 Trap Type: Light/CO2  
 Location: Fossil Ridge Park on Fossil Creek Parkway  
 GPS: N40° 30.680', W105° 4.310'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 724  
 Average mosquitoes per trap/night: 56  
 Average Culex per trap/night: 39

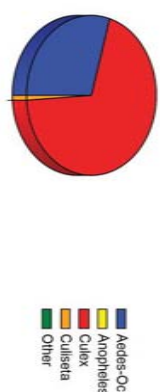
### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	22	3.0%
<i>Aedes (Oc) incrucipus</i>	192	26.5%
<i>Aedes vexans</i>	44	6.1%
<i>Culex pipiens</i>	459	63.4%
<i>Culex tarsalis</i>	7	1.0%
<i>Culiseta inornata</i>	0	0.0%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	214	29.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	503	69.5%
<i>Culiseta</i>	7	1.0%
Other	0	0.0%



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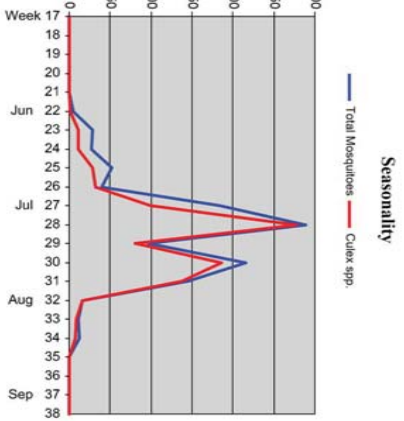
### FC-031: Willow Springs

Season: 2013  
 Trap Type: Light/CO2  
 Location: Timberline just past Willow Springs Way  
 GPS: N40° 30.370', W105° 2.375'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,122  
 Average mosquitoes per trap/night: 86  
 Average Culex per trap/night: 69

#### Species collected and abundance:

<i>Aedes (Oe) dorsalis</i>	116	10.3%
<i>Aedes (Oe) indanion</i>	5	0.4%
<i>Aedes vexans</i>	96	8.6%
<i>Culex pipiens</i>	44	3.9%
<i>Culex spp.</i>	28	2.5%
<i>Culex tarsalis</i>	822	73.5%
<i>Culiseta inornata</i>	11	1.0%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	217	19.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	894	79.7%
<i>Culiseta</i>	11	1.0%
Other	0	0.0%

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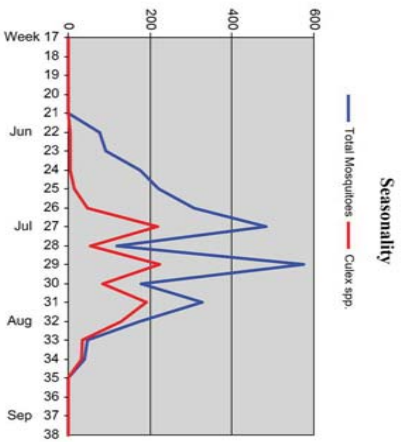
### FC-036: Hemlock

Season: 2013  
 Trap Type: Light/CO2  
 Location: Hemlock Street at Rivers Edge FCNA  
 GPS: N40° 36.005', W105° 4.770'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 2,810  
 Average mosquitoes per trap/night: 216  
 Average Culex per trap/night: 80

#### Species collected and abundance:

<i>Aedes (Oe) dorsalis</i>	13	0.5%
<i>Aedes (Oe) incertus</i>	282	10.0%
<i>Aedes (Oe) indanion</i>	33	1.2%
<i>Aedes (Oe) triseriatus</i>	1	0.0%
<i>Aedes vexans</i>	1318	46.9%
<i>Coquillitella peruviana</i>	87	3.1%
<i>Culex pipiens</i>	123	4.4%
<i>Culex tarsalis</i>	921	32.8%
<i>Culiseta inornata</i>	12	0.4%
<i>Culiseta inornata</i>	20	0.7%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	1,647	58.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	1,044	37.2%
<i>Culiseta</i>	32	1.1%
Other	87	3.1%

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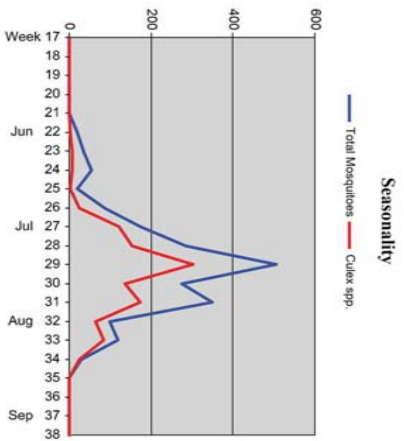
### FC-034: Country Club

Season: 2013  
 Trap Type: Light/CO2  
 Location: Dead end at Richards Lake Rd  
 GPS: N40° 37.595', W105° 3.115'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 2,050  
 Average mosquitoes per trap/night: 158  
 Average Culex per trap/night: 85

#### Species collected and abundance:

<i>Aedes (Oe) dorsalis</i>	14	0.7%
<i>Aedes (Oe) incertus</i>	39	1.9%
<i>Aedes (Oe) indanion</i>	69	3.4%
<i>Aedes (Oe) triseriatus</i>	1	0.0%
<i>Aedes vexans</i>	809	39.5%
<i>Culex pipiens</i>	81	4.0%
<i>Culex tarsalis</i>	1024	50.0%
<i>Culiseta inornata</i>	13	0.6%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	932	45.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	1,105	53.9%
<i>Culiseta</i>	13	0.6%
Other	0	0.0%

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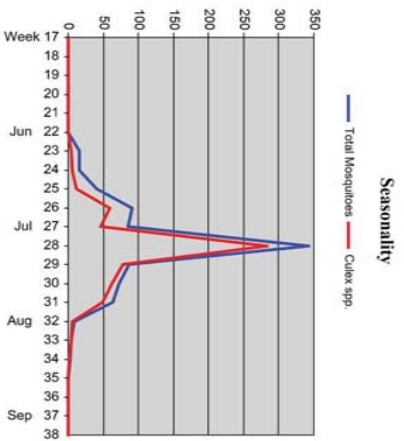
### FC-037: Chelsea Ridge

Season: 2013  
 Trap Type: Light/CO2  
 Location: 1113 Wooded Creek Court  
 GPS: N40° 31.005', W105° 5.910'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 831  
 Average mosquitoes per trap/night: 64  
 Average Culex per trap/night: 47

#### Species collected and abundance:

<i>Aedes (Oe) dorsalis</i>	5	0.6%
<i>Aedes (Oe) incertus</i>	1	0.1%
<i>Aedes (Oe) indanion</i>	3	0.4%
<i>Aedes vexans</i>	203	24.4%
<i>Culex pipiens</i>	39	4.7%
<i>Culex tarsalis</i>	573	69.0%
<i>Culiseta inornata</i>	7	0.8%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	212	25.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	612	73.6%
<i>Culiseta</i>	7	0.8%
Other	0	0.0%

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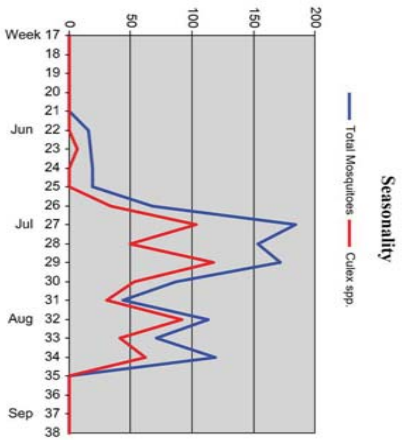
### FC-038: Lochside Lane

Season: 2013  
 Trap Type: Light/CO2  
 Location: Lochside Lane and Glenloch Drive  
 GPS: N40° 35.944', W105° 0.406'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,064  
 Average mosquitoes per trap/night: 82  
 Average Culex per trap/night: 45

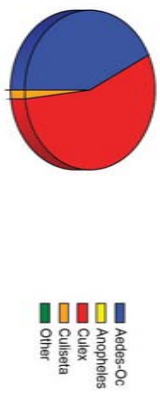
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	84	7.9%
<i>Aedes (Oc) indanion</i>	1	0.1%
<i>Aedes vexans</i>	370	34.8%
<i>Culex pipiens</i>	63	5.9%
<i>Culex tarsalis</i>	527	49.3%
<i>Culiseta inornata</i>	5	0.5%
<i>Culiseta inornata</i>	14	1.3%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	455	42.8%
Anopheles	0	0.0%
Culex	590	55.5%
Culiseta	19	1.8%
Other	0	0.0%



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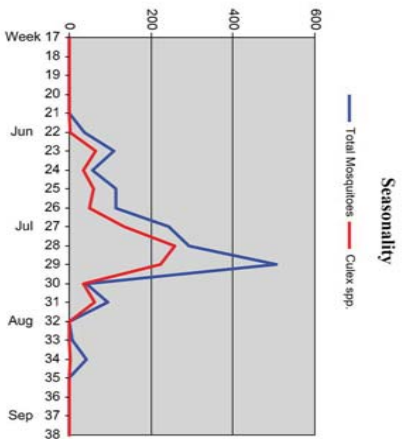
### FC-039: Fossil Creek South (Greenstone)

Season: 2013  
 Trap Type: Light/CO2  
 Location: Timberline and Cuy Rd Rd 32 in Fossil Creek PCNA  
 GPS: N40° 28.845', W105° 2.350'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,662  
 Average mosquitoes per trap/night: 128  
 Average Culex per trap/night: 71

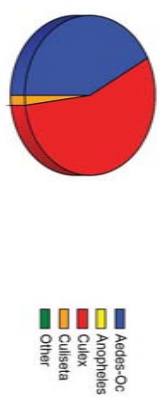
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	639	38.4%
<i>Aedes (Oc) indanion</i>	3	0.2%
<i>Aedes (Oc) nigromaculis</i>	1	0.1%
<i>Aedes vexans</i>	59	3.5%
<i>Culex pipiens</i>	64	3.9%
<i>Culex spp.</i>	10	0.6%
<i>Culex tarsalis</i>	853	51.3%
<i>Culiseta inornata</i>	33	2.0%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	702	42.2%
Anopheles	0	0.0%
Culex	927	55.8%
Culiseta	33	2.0%
Other	0	0.0%



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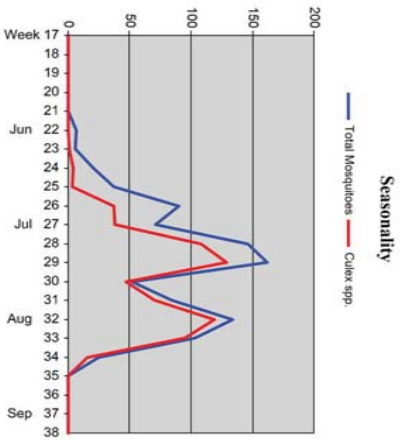
### FC-040: Redwood

Season: 2013  
 Trap Type: Light/CO2  
 Location: Redwood and Conifer at Electrical Post  
 GPS: N40° 36.185', W105° 4.025'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 938  
 Average mosquitoes per trap/night: 72  
 Average Culex per trap/night: 51

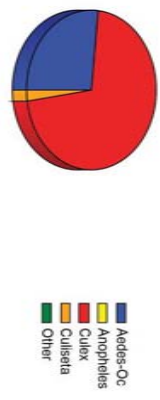
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	39	4.2%
<i>Aedes (Oc) inopinatus</i>	2	0.2%
<i>Aedes (Oc) indanion</i>	13	1.4%
<i>Aedes vexans</i>	196	20.9%
<i>Culex pipiens</i>	154	16.4%
<i>Culex tarsalis</i>	513	54.7%
<i>Culiseta inornata</i>	21	2.2%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	230	26.7%
Anopheles	0	0.0%
Culex	667	71.1%
Culiseta	21	2.2%
Other	0	0.0%



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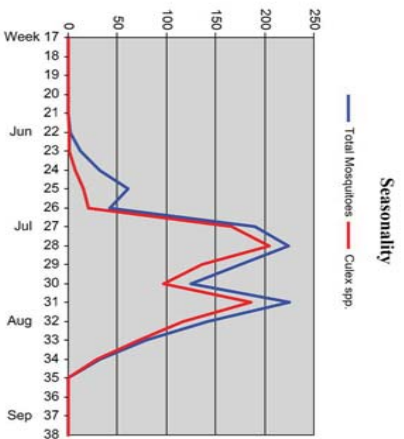
### FC-041: Fishback

Season: 2013  
 Trap Type: Light/CO2  
 Location: Fishback and Richards Price Alley  
 GPS: N40° 35.270', W105° 6.290'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,343  
 Average mosquitoes per trap/night: 103  
 Average Culex per trap/night: 81

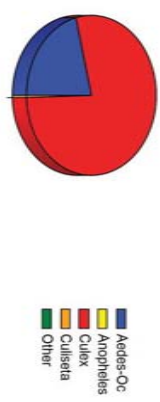
#### Species collected and abundance:

<i>Aedes (Oc) dorsalis</i>	2	0.1%
<i>Aedes (Oc) indanion</i>	4	0.3%
<i>Aedes (Oc) tristans</i>	9	0.7%
<i>Aedes vexans</i>	269	20.0%
<i>Culex pipiens</i>	247	18.4%
<i>Culex tarsalis</i>	806	60.0%
<i>Culiseta inornata</i>	6	0.4%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	284	21.1%
Anopheles	0	0.0%
Culex	1,053	78.4%
Culiseta	6	0.4%
Other	0	0.0%



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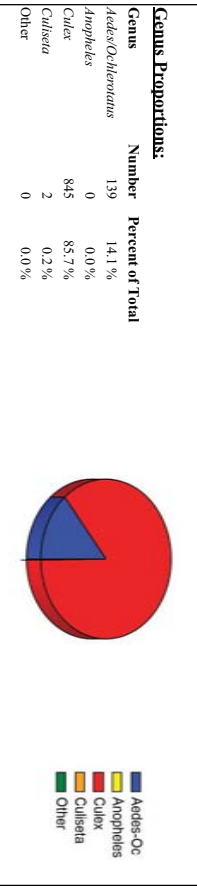
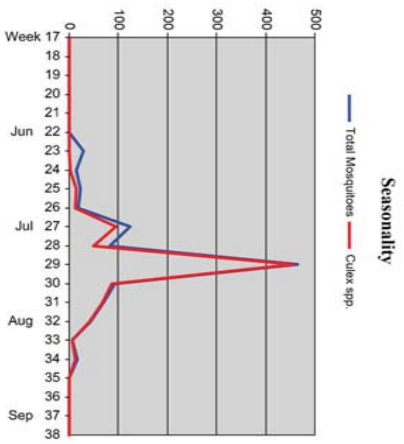
### FC-046: 725 Westshore Court

Season: 2013  
 Trap Type: Light/CO2  
 Location: 725 Westshore Court  
 GPS: N40° 31.775', W105° 3.910'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 986  
 Average mosquitoes per trap/night: 76  
 Average Culex per trap/night: 65

#### Species collected and abundance:

*Aedes (Oc) albopictus* 12 1.2%  
*Aedes (Oc) triseriatus* 1 0.1%  
*Aedes (Oc) indanum* 1 0.1%  
*Aedes vexans* 125 12.7%  
*Culex pipiens* 48 4.9%  
*Culex tarsalis* 797 80.5%  
*Culiseta inornata* 2 0.2%



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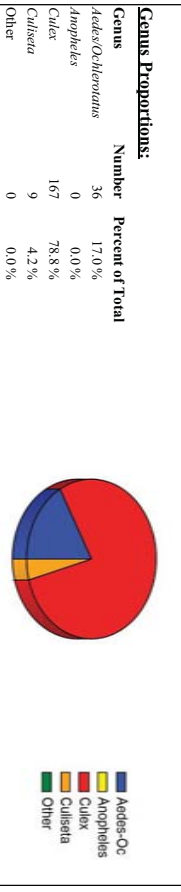
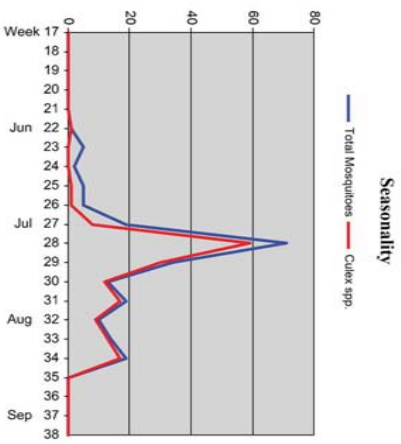
### FC-049: Casa Grande and Downing

Season: 2013  
 Trap Type: Light/CO2  
 Location: along west side of ditch off Downing  
 GPS: N40° 32.525', W105° 6.405'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 212  
 Average mosquitoes per trap/night: 18  
 Average Culex per trap/night: 14

#### Species collected and abundance:

*Aedes (Oc) triseriatus* 1 0.5%  
*Aedes (Oc) albopictus* 35 16.5%  
*Aedes vexans* 46 21.7%  
*Culex pipiens* 121 57.1%  
*Culex tarsalis* 9 4.2%



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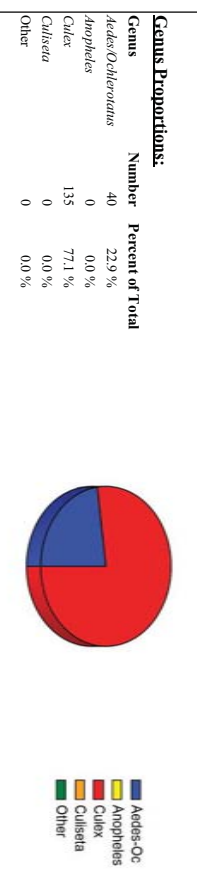
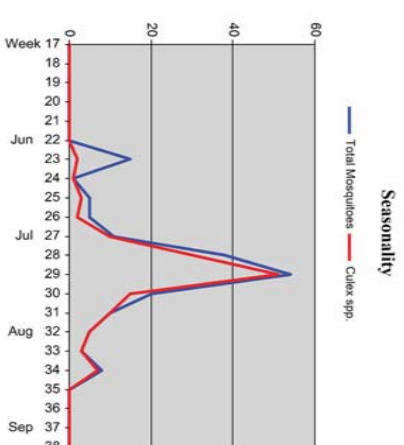
### FC-047: Keenland & Twin Oak

Season: 2013  
 Trap Type: Light/CO2  
 Location: at detention basin off of Keenland and Twin Oak  
 GPS: N40° 30.900', W105° 3.170'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 175  
 Average mosquitoes per trap/night: 13  
 Average Culex per trap/night: 10

#### Species collected and abundance:

*Aedes (Oc) albopictus* 3 1.7%  
*Aedes vexans* 37 21.1%  
*Culex pipiens* 8 4.6%  
*Culex tarsalis* 127 72.6%



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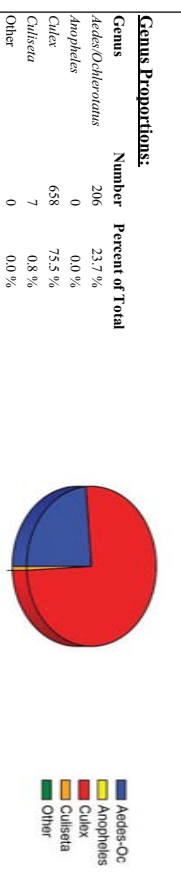
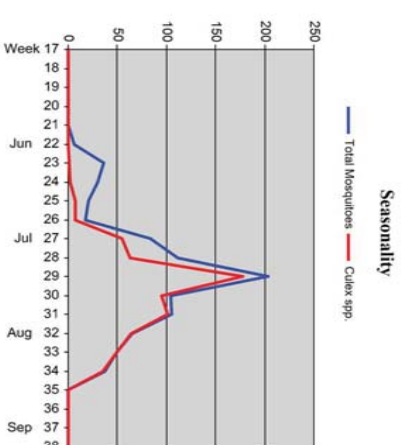
### FC-050: Golden Meadows Ditch

Season: 2013  
 Trap Type: Light/CO2  
 Location: park at 1513 Teconderaga along ditch  
 GPS: N40° 31.760', W105° 3.040'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 871  
 Average mosquitoes per trap/night: 67  
 Average Culex per trap/night: 51

#### Species collected and abundance:

*Aedes (Oc) albopictus* 7 0.8%  
*Aedes (Oc) triseriatus* 2 0.2%  
*Aedes vexans* 197 22.6%  
*Culex pipiens* 93 10.7%  
*Culex tarsalis* 565 64.9%  
*Culiseta inornata* 7 0.8%



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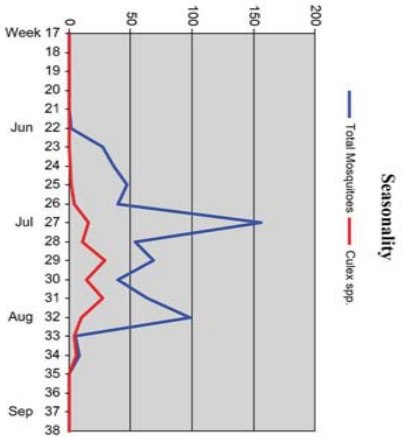
### FC-052: 603 Gilgalad Way

Season: 2013  
 Trap Type: Light/CO2  
 Location: 603 Gilgalad Way  
 GPS: N40° 33.695', W105° 5.210'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 646  
 Average mosquitoes per trap/night: 50  
 Average Culex per trap/night: 10

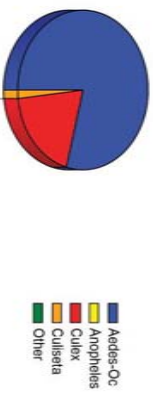
#### Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	6	0.9%
<i>Aedes (Oc.) incrucipus</i>	1	0.2%
<i>Aedes (Oc.) medannum</i>	2	0.3%
<i>Aedes (Oc.) trivittatus</i>	1	0.2%
<i>Aedes vexans</i>	501	77.6%
<i>Culex pipiens</i>	9	1.4%
<i>Culex spp.</i>	2	0.3%
<i>Culex tarsalis</i>	113	17.5%
<i>Culiseta inornata</i>	11	1.7%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	511	79.1%
Anopheles	0	0.0%
Culex	124	19.2%
Culiseta	11	1.7%
Other	0	0.0%



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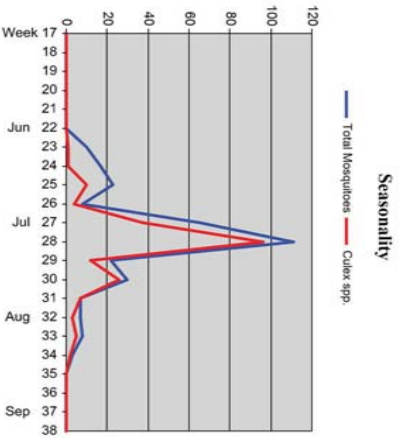
### FC-054: 737 Parliament Court

Season: 2013  
 Trap Type: Light/CO2  
 Location: behind 737 along drainage ditch  
 GPS: N40° 30.030', W105° 3.815'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 311  
 Average mosquitoes per trap/night: 24  
 Average Culex per trap/night: 16

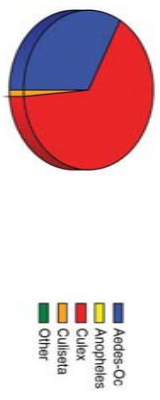
#### Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	18	5.8%
<i>Aedes vexans</i>	85	27.3%
<i>Culex pipiens</i>	8	2.6%
<i>Culex tarsalis</i>	196	63.0%
<i>Culiseta inornata</i>	4	1.3%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	103	33.1%
Anopheles	0	0.0%
Culex	204	65.6%
Culiseta	4	1.3%
Other	0	0.0%



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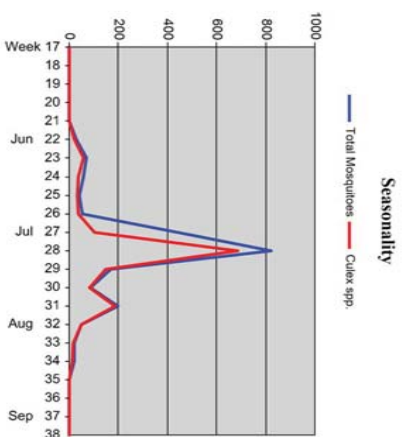
### FC-053: Egret and Rookery

Season: 2013  
 Trap Type: Light/CO2  
 Location: 3480 Egret Lane  
 GPS: N40° 29.880', W105° 0.685'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 2,055  
 Average mosquitoes per trap/night: 158  
 Average Culex per trap/night: 113

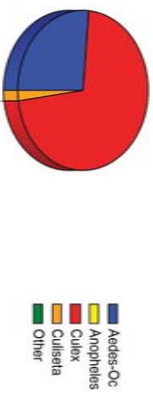
#### Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	349	17.0%
<i>Aedes (Oc.) incrucipus</i>	3	0.1%
<i>Aedes (Oc.) medannum</i>	11	0.5%
<i>Aedes vexans</i>	180	8.8%
<i>Culex pipiens</i>	53	2.6%
<i>Culex spp.</i>	7	0.3%
<i>Culex tarsalis</i>	1409	68.6%
<i>Culiseta inornata</i>	43	2.1%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	543	26.4%
Anopheles	0	0.0%
Culex	1,469	71.5%
Culiseta	43	2.1%
Other	0	0.0%



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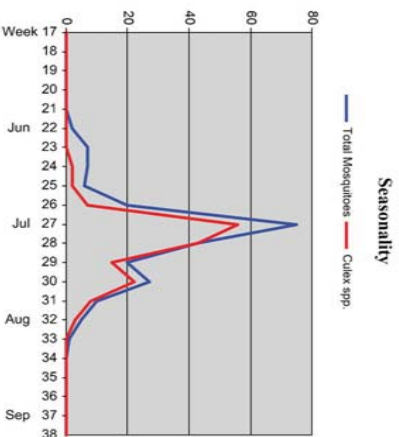
### FC-057: Registry Ridge- End of Ranger Dr

Season: 2013  
 Trap Type: Light/CO2  
 Location: between 7262 and 7256 at drainage to open space  
 GPS: N40° 29.055', W105° 6.300'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 223  
 Average mosquitoes per trap/night: 17  
 Average Culex per trap/night: 12

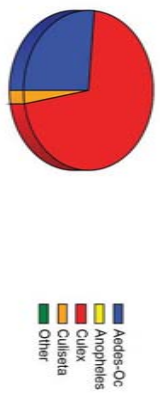
#### Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	47	21.1%
<i>Aedes vexans</i>	12	5.4%
<i>Culex pipiens</i>	16	7.2%
<i>Culex tarsalis</i>	142	63.7%
<i>Culiseta inornata</i>	6	2.7%



#### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	59	26.5%
Anopheles	0	0.0%
Culex	158	70.9%
Culiseta	6	2.7%
Other	0	0.0%



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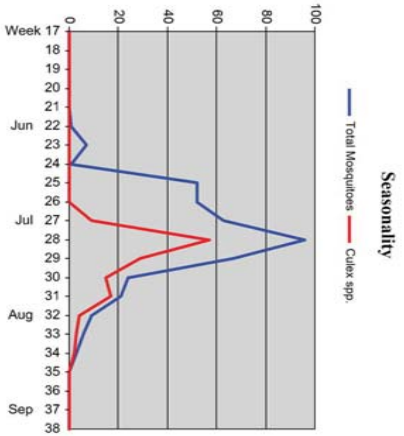
### FC-058: Spring Creek Trail @ Michener Dr

Season: 2013  
 Trap Type: Light/CO2  
 Location: Spring Creek Trail at Michener Drive  
 GPS: N40° 32.925', W105° 7.540'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 350  
 Average mosquitoes per trap/night: 29  
 Average Culex per trap/night: 11

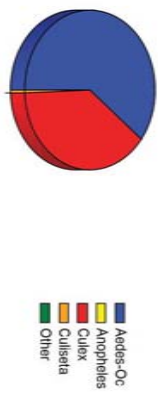
**Species collected and abundance:**

<i>Aedes (Oc) triseriatus</i>	11	3.1%
<i>Aedes (Oc) dorsalis</i>	1	0.3%
<i>Aedes (Oc) indanum</i>	200	57.1%
<i>Aedes vexans</i>	10	2.9%
<i>Culex pipiens</i>	1	0.3%
<i>Culex spp.</i>	125	35.7%
<i>Culiseta inornata</i>	2	0.6%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	212	60.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	136	38.9%
<i>Culiseta</i>	2	0.6%
Other	0	0.0%



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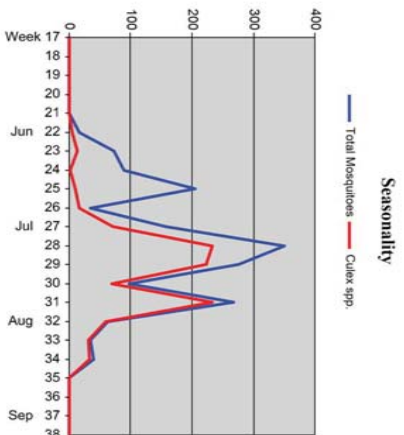
### FC-059: Springwood and Lockwood

Season: 2013  
 Trap Type: Light/CO2  
 Location: Nelson Farm Stormwater Detention Pond  
 GPS: N40° 32.520', W105° 2.885'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,702  
 Average mosquitoes per trap/night: 131  
 Average Culex per trap/night: 77

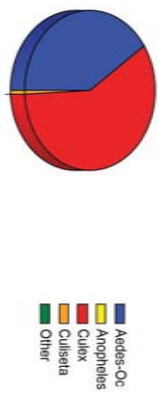
**Species collected and abundance:**

<i>Aedes (Oc) dorsalis</i>	8	0.5%
<i>Aedes (Oc) incertus</i>	2	0.1%
<i>Aedes (Oc) indanum</i>	1	0.1%
<i>Aedes (Oc) triseriatus</i>	672	39.5%
<i>Aedes vexans</i>	157	8.0%
<i>Culex pipiens</i>	861	50.6%
<i>Culex tarsalis</i>	13	0.8%
<i>Culiseta inornata</i>	13	0.8%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	691	40.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	998	58.6%
<i>Culiseta</i>	13	0.8%
Other	0	0.0%



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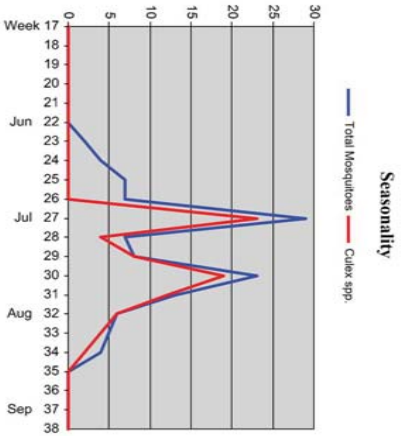
### FC-060: 808 Ponderosa

Season: 2013  
 Trap Type: Light/CO2  
 Location: 808 Ponderosa  
 GPS: N40° 34.665', W105° 7.215'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 108  
 Average mosquitoes per trap/night: 9  
 Average Culex per trap/night: 6

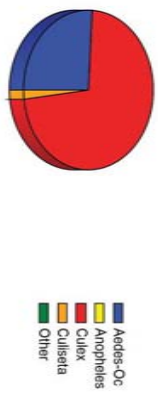
**Species collected and abundance:**

<i>Aedes (Oc) dorsalis</i>	1	0.9%
<i>Aedes (Oc) indanum</i>	1	0.9%
<i>Aedes (Oc) triseriatus</i>	1	0.9%
<i>Aedes vexans</i>	25	23.1%
<i>Culex pipiens</i>	13	12.0%
<i>Culex tarsalis</i>	65	60.2%
<i>Culiseta inornata</i>	2	1.9%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	28	25.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	78	72.2%
<i>Culiseta</i>	2	1.9%
Other	0	0.0%



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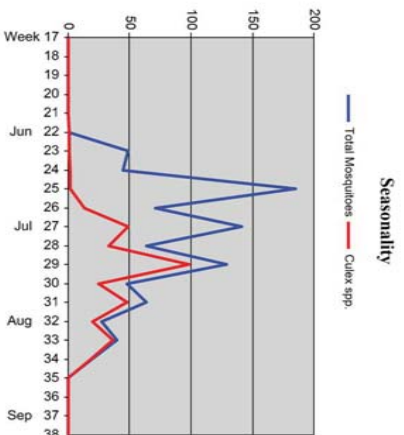
### FC-061: Holley Environ. Plant Research Ctr

Season: 2013  
 Trap Type: Light/CO2  
 Location: Cardinal Royal European Mountain Ash-801 W.Lake  
 GPS: N40° 34.155', W105° 5.525'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 883  
 Average mosquitoes per trap/night: 68  
 Average Culex per trap/night: 27

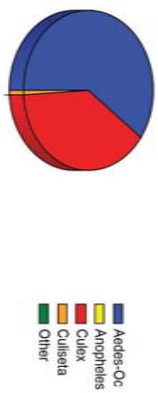
**Species collected and abundance:**

<i>Aedes (Oc) dorsalis</i>	4	0.5%
<i>Aedes (Oc) incertus</i>	2	0.2%
<i>Aedes (Oc) indanum</i>	3	0.3%
<i>Aedes (Oc) triseriatus</i>	1	0.1%
<i>Aedes vexans</i>	520	58.9%
<i>Culex pipiens</i>	72	8.2%
<i>Culex tarsalis</i>	273	30.9%
<i>Culiseta inornata</i>	8	0.9%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	530	60.0%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	345	39.1%
<i>Culiseta</i>	8	0.9%
Other	0	0.0%



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## FC-062: Waters Edge at Blue Mesa

Season: 2013

Trap Type: Light/CO2

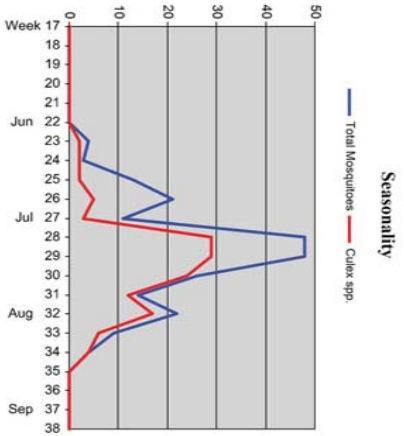
Location: Waters Edge FCNA at Blue Mesa Court

GPS: N40° 32.540', W105° 5.260'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 175  
 Average mosquitoes per trap/night: 13  
 Average Culex per trap/night: 8

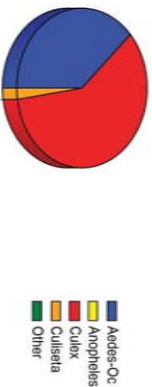
### Species collected and abundance:

*Aedes (Oc.) dorsalis* 15 8.6%  
*Aedes (Oc.) incrucipus* 1 0.6%  
*Aedes vexans* 51 29.1%  
*Culex pipiens* 24 13.7%  
*Culex tarsalis* 80 45.7%  
*Culiseta inornata* 4 2.3%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	67	38.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	104	59.4%
<i>Culiseta</i>	4	2.3%
Other	0	0.0%



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## FC-063: Red Fox Meadows FCNA

Season: 2013

Trap Type: Light/CO2

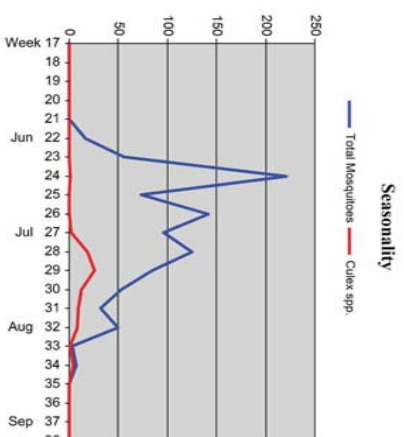
Location: Red Fox Meadows FCNA @ Heatheridge Apartment

GPS: N40° 33.915', W105° 6.290'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 959  
 Average mosquitoes per trap/night: 74  
 Average Culex per trap/night: 6

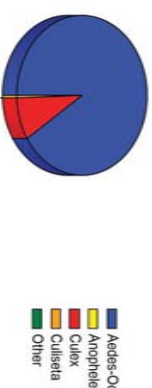
### Species collected and abundance:

*Aedes (Oc.) dorsalis* 6 0.6%  
*Aedes (Oc.) incrucipus* 2 0.2%  
*Aedes vexans* 864 90.1%  
*Culex pipiens* 9 0.9%  
*Culex tarsalis* 73 7.6%  
*Culiseta inornata* 5 0.5%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	872	90.9%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	82	8.6%
<i>Culiseta</i>	5	0.5%
Other	0	0.0%



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## FC-064: West Chase @ Kechter Farm

Season: 2013

Trap Type: Light/CO2

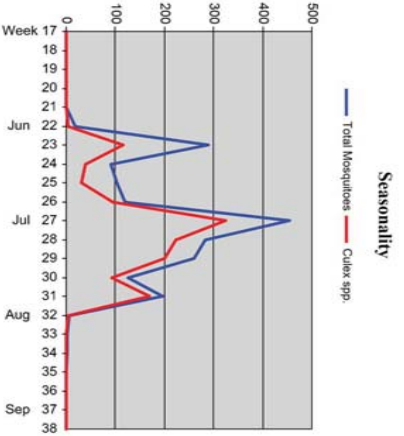
Location: Dead end at East Trilly

GPS: N40° 29.905', W105° 1.795'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,948  
 Average mosquitoes per trap/night: 150  
 Average Culex per trap/night: 100

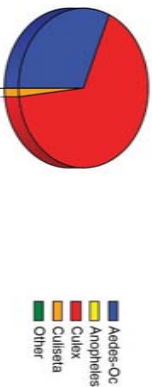
### Species collected and abundance:

*Aedes (Oc.) dorsalis* 143 7.3%  
*Aedes (Oc.) mediovittatus* 21 1.1%  
*Aedes vexans* 449 23.0%  
*Coptotendipes perturbans* 1 0.1%  
*Culex pipiens* 52 2.7%  
*Culex tarsalis* 1249 64.1%  
*Culiseta inornata* 33 1.7%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	613	31.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	1,301	66.8%
<i>Culiseta</i>	33	1.7%
Other	1	0.1%



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## FC-066: Prospect Ponds @ Drake Water

Season: 2013

Trap Type: Light/CO2

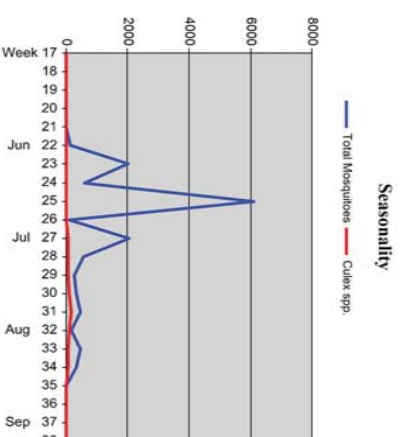
Location: Prospect Ponds @ Drake Water Reclamation Facility

GPS: N40° 33.520', W105° 1.360'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 13,619  
 Average mosquitoes per trap/night: 1,048  
 Average Culex per trap/night: 58

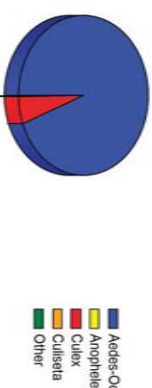
### Species collected and abundance:

*Aedes (Oc.) dorsalis* 1260 9.3%  
*Aedes (Oc.) incrucipus* 703 5.2%  
*Aedes (Oc.) mediovittatus* 136 1.0%  
*Aedes (Oc.) trivittatus* 35 0.3%  
*Aedes vexans* 10701 78.6%  
*Anopheles spp.* 1 0.0%  
*Coptotendipes perturbans* 389 2.9%  
*Culex pipiens* 360 2.6%  
*Culex tarsalis* 360 2.6%  
*Culiseta inornata* 24 0.2%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	12,835	94.2%
<i>Anopheles</i>	1	0.0%
<i>Culex</i>	749	5.5%
<i>Culiseta</i>	24	0.2%
Other	10	0.1%



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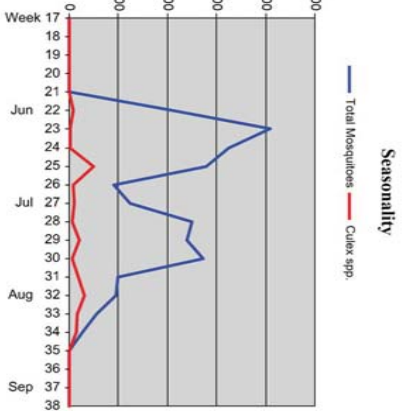
## FC-067: Poudre River Drive at bike trail

Season: 2013  
 Trap Type: Light/CO2  
 Location: Lemay and Poudre River Drive East of Dps office  
 GPS: N40° 34.740', W105° 3.335'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 12,388  
 Average mosquitoes per trap/night: 953  
 Average Culex per trap/night: 76

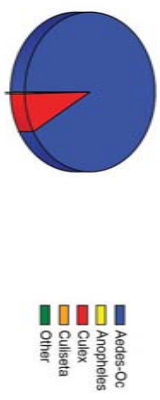
### Species collected and abundance:

*Aedes (Oc) dorsalis* 189 1.5%  
*Aedes (Oc) incrucipus* 3834 30.9%  
*Aedes (Oc) triseriatus* 383 3.1%  
*Aedes vexans* 6611 53.4%  
*Coquillettidia perturbans* 5 0.0%  
*Culex pipiens* 85 0.7%  
*Culex spp* 5 0.0%  
*Culex tarsalis* 893 7.2%  
*Culiseta inornata* 38 0.3%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	11,362	91.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	983	7.9%
<i>Culiseta</i>	38	0.3%
Other	5	0.0%



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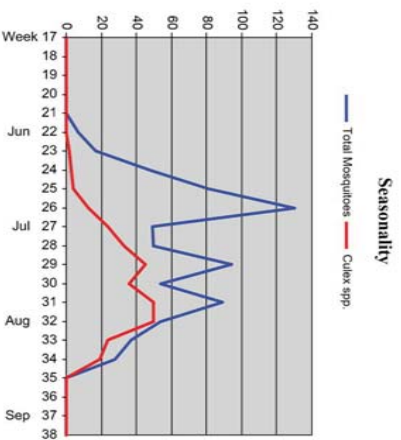
## FC-069: Linden Lake Rd

Season: 2013  
 Trap Type: Light/CO2  
 Location: along E side of 2005 Linden Lake Rd  
 GPS: N40° 36.873', W105° 3.184'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 738  
 Average mosquitoes per trap/night: 57  
 Average Culex per trap/night: 23

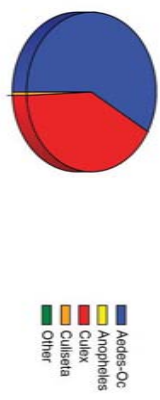
### Species collected and abundance:

*Aedes (Oc) dorsalis* 12 1.6%  
*Aedes (Oc) incrucipus* 6 0.8%  
*Aedes (Oc) triseriatus* 20 2.7%  
*Aedes (Oc) triseriatus* 1 0.1%  
*Aedes vexans* 391 53.0%  
*Culex pipiens* 62 8.4%  
*Culex spp* 10 1.4%  
*Culex tarsalis* 231 31.3%  
*Culiseta inornata* 5 0.7%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	430	58.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	303	41.1%
<i>Culiseta</i>	5	0.7%
Other	0	0.0%



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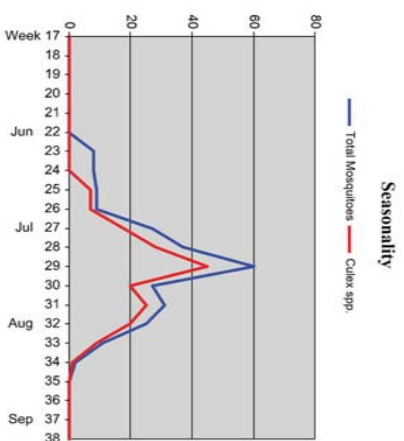
## FC-068: 5029 Crest Drive

Season: 2013  
 Trap Type: Light/CO2  
 Location: 5029 Crest Drive  
 GPS: N40° 30.980', W105° 5.135'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 237  
 Average mosquitoes per trap/night: 20  
 Average Culex per trap/night: 14

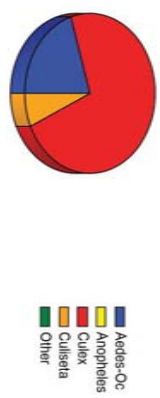
### Species collected and abundance:

*Aedes (Oc) dorsalis* 1 0.4%  
*Aedes vexans* 47 19.8%  
*Culex pipiens* 20 8.4%  
*Culex tarsalis* 153 64.6%  
*Culiseta inornata* 16 6.8%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	48	20.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	173	73.0%
<i>Culiseta</i>	16	6.8%
Other	0	0.0%



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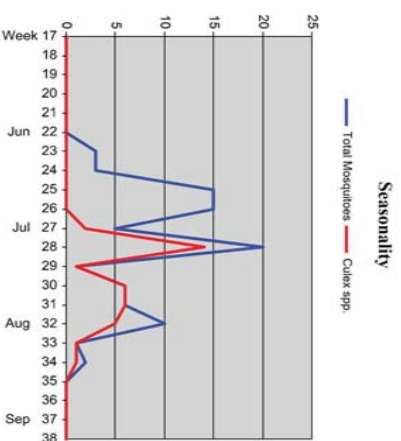
## FC-071: Silvergate Road

Season: 2013  
 Trap Type: Light/CO2  
 Location: Silvergate Road at sidewalk bwn 1700 and 1712  
 GPS: N40° 31.650', W105° 6.475'

Total number of trap/nights set: 12  
 Total number of mosquitoes collected: 69  
 Average mosquitoes per trap/night: 6  
 Average Culex per trap/night: 3

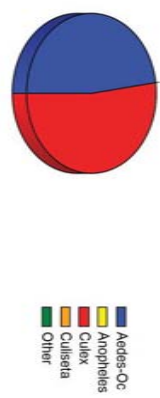
### Species collected and abundance:

*Aedes (Oc) dorsalis* 4 5.8%  
*Aedes vexans* 29 42.0%  
*Culex pipiens* 7 10.1%  
*Culex tarsalis* 29 42.0%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	33	47.8%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	36	52.2%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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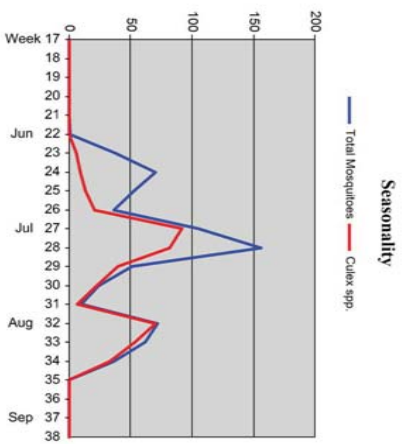
## FC-072: 422 Lake Drive Alley

Season: 2013  
 Trap Type: Light/CO2  
 Location: alley way of 422 Lake Drive  
 GPS: N40° 34.160', W105° 4.300'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 713  
 Average mosquitoes per trap/night: 55  
 Average Culex per trap/night: 35

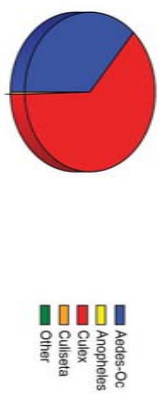
### Species collected and abundance:

*Aedes (Oc) triseriatus* 3 0.4%  
*Aedes (Oc) albopictus* 2 0.3%  
*Aedes vexans* 256 35.9%  
*Culex pipiens* 61 8.6%  
*Culex tarsalis* 388 54.4%  
*Culiseta inornata* 3 0.4%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	261	36.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	449	63.0%
<i>Culiseta</i>	3	0.4%
Other	0	0.0%



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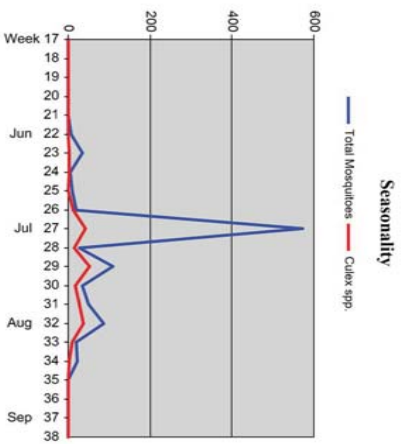
## FC-074: Rockcreek

Season: 2013  
 Trap Type: Light/CO2  
 Location: In trees east of detention basin on Rockcreek  
 GPS: N40° 30.855', W105° 0.190'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,001  
 Average mosquitoes per trap/night: 77  
 Average Culex per trap/night: 17

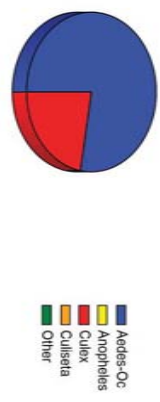
### Species collected and abundance:

*Aedes (Oc) albopictus* 585 58.4%  
*Aedes (Oc) triseriatus* 5 0.5%  
*Aedes vexans* 188 18.8%  
*Culex pipiens* 15 1.5%  
*Culex tarsalis* 208 20.8%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	778	77.7%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	223	22.3%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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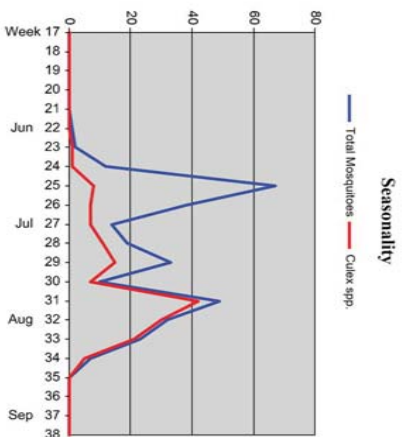
## FC-073: 118 Grant

Season: 2013  
 Trap Type: Light/CO2  
 Location: In alley btwn Oak and Mountain near green shed  
 GPS: N40° 35.185', W105° 5.335'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 307  
 Average mosquitoes per trap/night: 24  
 Average Culex per trap/night: 12

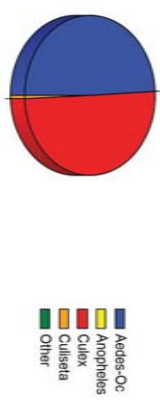
### Species collected and abundance:

*Aedes (Oc) albopictus* 3 1.0%  
*Aedes (Oc) triseriatus* 1 0.3%  
*Aedes vexans* 147 47.9%  
*Culex pipiens* 32 10.4%  
*Culex tarsalis* 122 39.7%  
*Culiseta inornata* 2 0.7%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	151	49.2%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	154	50.2%
<i>Culiseta</i>	2	0.7%
Other	0	0.0%



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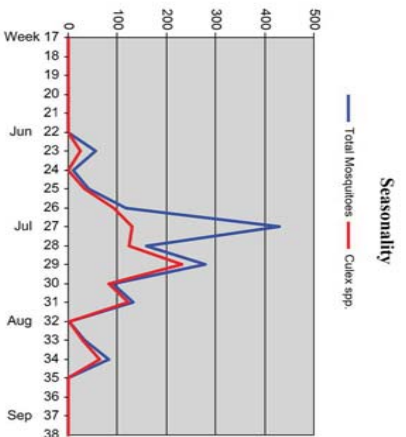
## FC-075: North Sage Creek

Season: 2013  
 Trap Type: Light/CO2  
 Location: North of creek along Ziegler  
 GPS: N40° 30.687', W105° 1.222'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 1,435  
 Average mosquitoes per trap/night: 110  
 Average Culex per trap/night: 72

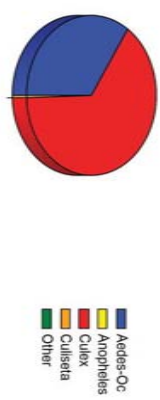
### Species collected and abundance:

*Aedes (Oc) albopictus* 182 12.7%  
*Aedes (Oc) triseriatus* 5 0.3%  
*Aedes vexans* 307 21.4%  
*Culex pipiens* 47 3.3%  
*Culex spp.* 5 0.3%  
*Culex tarsalis* 882 61.5%  
*Culiseta inornata* 7 0.5%



**Genus Proportions:**

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	494	34.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	934	65.1%
<i>Culiseta</i>	7	0.5%
Other	0	0.0%



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# FC-093: Lopez Elementary School

Season: 2013

Trap Type: Light/CO2

Location: Along ditch on south side of school

GPS: 40°31' 51.41" N, 105° 5' 18.10" W

Total number of trap/nights set: 10

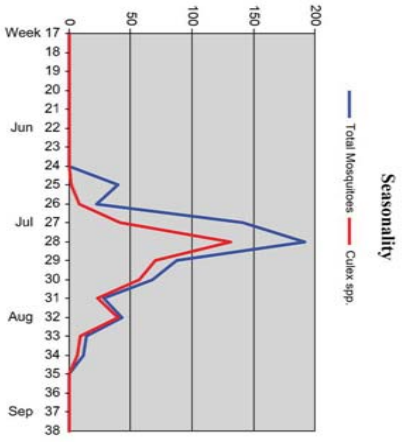
Total number of mosquitoes collected: 648

Average mosquitoes per trap/night: 65

Average Culex per trap/night: 39

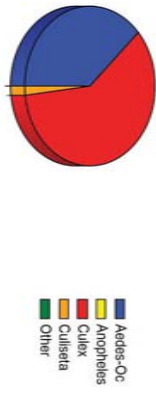
### Species collected and abundance:

<i>Aedes (Oc.) dorsalis</i>	15	2.3%
<i>Aedes (Oc.) triseriatus</i>	1	0.2%
<i>Aedes vexans</i>	231	35.6%
<i>Culex pipiens</i>	64	9.9%
<i>Culex tarsalis</i>	324	50.0%
<i>Culiseta inornata</i>	12	1.9%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	248	38.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	388	59.9%
<i>Culiseta</i>	12	1.9%
Other	0	0.0%



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# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-001	LIGHT	Larimer	06/06/2013	Magic Carpet	1	0	0	0	0	1
FC-001	LIGHT	Larimer	06/13/2013	Magic Carpet	6	0	2	0	0	8
FC-001	LIGHT	Larimer	06/20/2013	Magic Carpet	7	0	3	1	0	11
FC-001	LIGHT	Larimer	06/27/2013	Magic Carpet	38	0	32	0	0	70
FC-001	LIGHT	Larimer	07/03/2013	Magic Carpet	8	0	11	0	0	19
FC-001	LIGHT	Larimer	07/11/2013	Magic Carpet	34	0	44	0	0	78
FC-001	LIGHT	Larimer	07/18/2013	Magic Carpet	16	0	82	0	0	98
FC-001	LIGHT	Larimer	07/25/2013	Magic Carpet	1	0	12	0	0	13
FC-001	LIGHT	Larimer	08/01/2013	Magic Carpet	3	0	12	0	0	15
FC-001	LIGHT	Larimer	08/08/2013	Magic Carpet	0	0	8	0	0	8
FC-001	LIGHT	Larimer	08/15/2013	Magic Carpet	0	0	4	1	0	5
FC-001	LIGHT	Larimer	08/23/2013	Magic Carpet	2	0	0	1	0	3
FC-001	LIGHT	Larimer	08/29/2013	Magic Carpet	0	0	0	0	0	0
FC-002	LIGHT	Larimer	06/06/2013	3907 Benthaven	0	0	1	0	0	1
FC-002	LIGHT	Larimer	06/13/2013	3907 Benthaven	17	0	1	0	0	18
FC-002	LIGHT	Larimer	06/20/2013	3907 Benthaven	10	0	0	0	0	10
FC-004	LIGHT	Larimer	06/04/2013	Bighorn Drive	3	0	2	0	0	5
FC-004	LIGHT	Larimer	06/11/2013	Bighorn Drive	42	0	1	0	0	43
FC-004	LIGHT	Larimer	06/18/2013	Bighorn Drive	7	0	2	0	0	9
FC-004	LIGHT	Larimer	06/25/2013	Bighorn Drive	14	0	5	0	0	19
FC-004	LIGHT	Larimer	07/02/2013	Bighorn Drive	5	0	9	2	0	16
FC-004	LIGHT	Larimer	07/09/2013	Bighorn Drive	31	0	40	0	0	71
FC-004	LIGHT	Larimer	07/16/2013	Bighorn Drive	20	0	28	0	0	48
FC-004	LIGHT	Larimer	07/25/2013	Bighorn Drive	3	0	78	0	0	81
FC-004	LIGHT	Larimer	07/30/2013	Bighorn Drive	7	0	21	0	0	28
FC-004	LIGHT	Larimer	08/06/2013	Bighorn Drive	1	0	76	0	0	77
FC-004	LIGHT	Larimer	08/13/2013	Bighorn Drive	1	0	37	0	0	38
FC-004	LIGHT	Larimer	08/22/2013	Bighorn Drive	1	0	36	1	0	38
FC-004	LIGHT	Larimer	08/27/2013	Bighorn Drive	7	0	15	0	0	22
FC-006	LIGHT	Larimer	06/03/2013	North Linden	18	0	2	0	0	20
FC-006	LIGHT	Larimer	06/10/2013	North Linden	46	0	5	0	0	51
FC-006	LIGHT	Larimer	06/17/2013	North Linden	80	0	1	0	0	81
FC-006	LIGHT	Larimer	06/24/2013	North Linden	96	0	22	1	0	119
FC-006	LIGHT	Larimer	07/01/2013	North Linden	70	1	41	1	0	113
FC-006	LIGHT	Larimer	07/08/2013	North Linden	63	0	93	0	0	156
FC-006	LIGHT	Larimer	07/15/2013	North Linden	38	0	35	0	0	73
FC-006	LIGHT	Larimer	07/22/2013	North Linden	126	1	70	0	0	197
FC-006	LIGHT	Larimer	07/29/2013	North Linden	36	0	116	3	0	155
FC-006	LIGHT	Larimer	08/05/2013	North Linden	15	0	51	0	0	66
FC-006	LIGHT	Larimer	08/12/2013	North Linden	13	0	10	0	0	23
FC-006	LIGHT	Larimer	08/19/2013	North Linden	18	0	104	0	0	122
FC-006	LIGHT	Larimer	08/26/2013	North Linden	10	0	19	0	0	29



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-011	LIGHT	Larimer	06/05/2013	Golden Currant	9	0	0	0	0	9
FC-011	LIGHT	Larimer	06/12/2013	Golden Currant	7	0	0	1	0	8
FC-011	LIGHT	Larimer	06/19/2013	Golden Currant	18	0	0	0	0	18
FC-011	LIGHT	Larimer	06/26/2013	Golden Currant	31	0	0	0	0	31
FC-011	LIGHT	Larimer	07/03/2013	Golden Currant	24	0	0	0	0	24
FC-011	LIGHT	Larimer	07/10/2013	Golden Currant	51	0	2	0	0	53
FC-011	LIGHT	Larimer	07/17/2013	Golden Currant	23	0	21	2	1	47
FC-011	LIGHT	Larimer	07/24/2013	Golden Currant	25	0	7	0	0	32
FC-011	LIGHT	Larimer	07/31/2013	Golden Currant	42	0	53	2	0	97
FC-011	LIGHT	Larimer	08/07/2013	Golden Currant	93	0	69	0	0	162
FC-011	LIGHT	Larimer	08/14/2013	Golden Currant	34	0	9	0	0	43
FC-011	LIGHT	Larimer	08/23/2013	Golden Currant	4	0	8	0	0	12
FC-011	LIGHT	Larimer	08/28/2013	Golden Currant	1	0	6	0	0	7
FC-014	LIGHT	Larimer	06/04/2013	Fort Collins Vistors Center	8	0	1	0	0	9
FC-014	LIGHT	Larimer	06/11/2013	Fort Collins Vistors Center	169	0	0	0	0	169
FC-014	LIGHT	Larimer	06/18/2013	Fort Collins Vistors Center	0	0	0	0	0	0
FC-014	LIGHT	Larimer	06/25/2013	Fort Collins Vistors Center	0	0	0	0	0	0
FC-014	LIGHT	Larimer	07/02/2013	Fort Collins Vistors Center	0	0	0	0	0	0
FC-014	LIGHT	Larimer	07/09/2013	Fort Collins Vistors Center	735	0	9	7	0	751
FC-014	LIGHT	Larimer	07/16/2013	Fort Collins Vistors Center	2	0	5	0	0	7
FC-014	LIGHT	Larimer	07/25/2013	Fort Collins Vistors Center	43	0	26	5	0	74
FC-014	LIGHT	Larimer	07/30/2013	Fort Collins Vistors Center	23	0	45	3	0	71
FC-014	LIGHT	Larimer	08/06/2013	Fort Collins Vistors Center	5	0	88	2	0	95
FC-014	LIGHT	Larimer	08/13/2013	Fort Collins Vistors Center	0	0	51	15	0	66
FC-014	LIGHT	Larimer	08/19/2013	Fort Collins Vistors Center	101	0	58	3	0	162
FC-014	LIGHT	Larimer	08/26/2013	Fort Collins Vistors Center	20	0	31	3	0	54
FC-015	LIGHT	Larimer	06/05/2013	Stuart and Dorset	0	0	0	0	0	0
FC-015	LIGHT	Larimer	06/12/2013	Stuart and Dorset	5	0	0	0	0	5
FC-015	LIGHT	Larimer	06/19/2013	Stuart and Dorset	17	0	2	0	0	19
FC-015	LIGHT	Larimer	06/26/2013	Stuart and Dorset	24	0	1	1	0	26
FC-015	LIGHT	Larimer	07/10/2013	Stuart and Dorset	7	0	5	0	0	12
FC-015	LIGHT	Larimer	07/17/2013	Stuart and Dorset	13	0	36	0	0	49
FC-015	LIGHT	Larimer	07/24/2013	Stuart and Dorset	22	0	29	0	0	51
FC-015	LIGHT	Larimer	07/31/2013	Stuart and Dorset	8	0	27	0	0	35
FC-015	LIGHT	Larimer	08/07/2013	Stuart and Dorset	17	0	36	1	0	54
FC-015	LIGHT	Larimer	08/14/2013	Stuart and Dorset	5	0	6	1	0	12
FC-015	LIGHT	Larimer	08/23/2013	Stuart and Dorset	4	0	4	0	0	8
FC-015	LIGHT	Larimer	08/28/2013	Stuart and Dorset	0	0	4	0	0	4
FC-019	LIGHT	Larimer	06/03/2013	Edora Park	3	0	0	1	0	4
FC-019	LIGHT	Larimer	06/10/2013	Edora Park	36	0	3	0	0	39
FC-019	LIGHT	Larimer	06/17/2013	Edora Park	36	0	15	0	0	51
FC-019	LIGHT	Larimer	06/25/2013	Edora Park	4	0	0	0	0	4



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-019	LIGHT	Larimer	07/01/2013	Edora Park	11	0	24	3	0	38
FC-019	LIGHT	Larimer	07/08/2013	Edora Park	9	0	41	0	0	50
FC-019	LIGHT	Larimer	07/15/2013	Edora Park	196	0	96	2	0	294
FC-019	LIGHT	Larimer	07/22/2013	Edora Park	27	0	104	0	0	131
FC-019	LIGHT	Larimer	07/29/2013	Edora Park	2	0	34	0	0	36
FC-019	LIGHT	Larimer	08/05/2013	Edora Park	7	0	68	0	0	75
FC-019	LIGHT	Larimer	08/12/2013	Edora Park	3	0	43	0	0	46
FC-019	LIGHT	Larimer	08/19/2013	Edora Park	17	0	72	0	0	89
FC-019	LIGHT	Larimer	08/26/2013	Edora Park	1	0	31	0	0	32
FC-023	LIGHT	Larimer	06/04/2013	Boltz	3	0	1	0	0	4
FC-023	LIGHT	Larimer	06/11/2013	Boltz	47	0	3	2	0	52
FC-023	LIGHT	Larimer	06/18/2013	Boltz	36	0	0	1	0	37
FC-023	LIGHT	Larimer	06/25/2013	Boltz	12	0	3	2	0	17
FC-023	LIGHT	Larimer	07/02/2013	Boltz	7	0	10	1	0	18
FC-023	LIGHT	Larimer	07/09/2013	Boltz	5	0	5	0	0	10
FC-023	LIGHT	Larimer	07/16/2013	Boltz	26	0	45	0	0	71
FC-023	LIGHT	Larimer	07/23/2013	Boltz	13	0	137	0	0	150
FC-023	LIGHT	Larimer	07/30/2013	Boltz	9	0	55	2	0	66
FC-023	LIGHT	Larimer	08/06/2013	Boltz	0	0	61	0	0	61
FC-023	LIGHT	Larimer	08/13/2013	Boltz	1	0	44	0	0	45
FC-023	LIGHT	Larimer	08/22/2013	Boltz	1	0	11	0	0	12
FC-023	LIGHT	Larimer	08/27/2013	Boltz	2	0	0	0	0	2
FC-027	LIGHT	Larimer	06/04/2013	San Luis	6	0	2	0	0	8
FC-027	LIGHT	Larimer	06/11/2013	San Luis	1111	0	6	0	0	1,117
FC-027	LIGHT	Larimer	06/18/2013	San Luis	148	0	7	0	0	155
FC-027	LIGHT	Larimer	06/25/2013	San Luis	142	0	11	0	0	153
FC-027	LIGHT	Larimer	07/02/2013	San Luis	52	0	52	0	0	104
FC-027	LIGHT	Larimer	07/09/2013	San Luis	1561	0	129	0	0	1,690
FC-027	LIGHT	Larimer	07/16/2013	San Luis	100	0	75	0	0	175
FC-027	LIGHT	Larimer	07/23/2013	San Luis	121	0	164	0	0	285
FC-027	LIGHT	Larimer	07/30/2013	San Luis	74	0	134	1	0	209
FC-027	LIGHT	Larimer	08/06/2013	San Luis	10	0	176	3	0	189
FC-027	LIGHT	Larimer	08/13/2013	San Luis	16	0	115	0	0	131
FC-027	LIGHT	Larimer	08/22/2013	San Luis	25	0	58	0	0	83
FC-027	LIGHT	Larimer	08/27/2013	San Luis	1	0	15	0	0	16
FC-029	LIGHT	Larimer	06/06/2013	Bens Park	0	0	0	0	0	0
FC-029	LIGHT	Larimer	06/13/2013	Bens Park	9	0	4	1	0	14
FC-029	LIGHT	Larimer	06/20/2013	Bens Park	18	0	8	0	0	26
FC-029	LIGHT	Larimer	06/27/2013	Bens Park	37	0	27	2	0	66
FC-029	LIGHT	Larimer	07/03/2013	Bens Park	13	0	14	0	0	27
FC-029	LIGHT	Larimer	07/11/2013	Bens Park	41	0	115	0	0	156
FC-029	LIGHT	Larimer	07/18/2013	Bens Park	70	0	164	2	0	236



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-029	LIGHT	Larimer	07/25/2013	Bens Park	5	0	43	2	0	50
FC-029	LIGHT	Larimer	08/01/2013	Bens Park	8	0	64	0	0	72
FC-029	LIGHT	Larimer	08/08/2013	Bens Park	2	0	39	0	0	41
FC-029	LIGHT	Larimer	08/15/2013	Bens Park	2	0	18	0	0	20
FC-029	LIGHT	Larimer	08/22/2013	Bens Park	9	0	0	0	0	9
FC-029	LIGHT	Larimer	08/29/2013	Bens Park	0	0	7	0	0	7
FC-031	LIGHT	Larimer	06/04/2013	Willow Springs	3	0	1	1	0	5
FC-031	LIGHT	Larimer	06/11/2013	Willow Springs	18	0	11	0	0	29
FC-031	LIGHT	Larimer	06/18/2013	Willow Springs	15	0	11	1	0	27
FC-031	LIGHT	Larimer	06/25/2013	Willow Springs	24	0	28	0	0	52
FC-031	LIGHT	Larimer	07/02/2013	Willow Springs	7	0	32	1	0	40
FC-031	LIGHT	Larimer	07/09/2013	Willow Springs	83	0	99	1	0	183
FC-031	LIGHT	Larimer	07/16/2013	Willow Springs	10	0	277	2	0	289
FC-031	LIGHT	Larimer	07/23/2013	Willow Springs	17	0	80	0	0	97
FC-031	LIGHT	Larimer	07/30/2013	Willow Springs	25	0	186	5	0	216
FC-031	LIGHT	Larimer	08/06/2013	Willow Springs	8	0	137	0	0	145
FC-031	LIGHT	Larimer	08/13/2013	Willow Springs	0	0	16	0	0	16
FC-031	LIGHT	Larimer	08/22/2013	Willow Springs	2	0	9	0	0	11
FC-031	LIGHT	Larimer	08/27/2013	Willow Springs	5	0	7	0	0	12
FC-034	LIGHT	Larimer	06/03/2013	Country Club	14	0	2	3	0	19
FC-034	LIGHT	Larimer	06/10/2013	Country Club	23	0	8	3	0	34
FC-034	LIGHT	Larimer	06/17/2013	Country Club	47	0	7	0	0	54
FC-034	LIGHT	Larimer	06/24/2013	Country Club	19	0	2	0	0	21
FC-034	LIGHT	Larimer	07/01/2013	Country Club	60	0	24	3	0	87
FC-034	LIGHT	Larimer	07/08/2013	Country Club	52	0	122	0	0	174
FC-034	LIGHT	Larimer	07/15/2013	Country Club	129	0	154	1	0	284
FC-034	LIGHT	Larimer	07/22/2013	Country Club	201	0	303	1	0	505
FC-034	LIGHT	Larimer	07/29/2013	Country Club	139	0	136	0	0	275
FC-034	LIGHT	Larimer	08/05/2013	Country Club	175	0	173	2	0	350
FC-034	LIGHT	Larimer	08/12/2013	Country Club	33	0	65	0	0	98
FC-034	LIGHT	Larimer	08/19/2013	Country Club	34	0	84	0	0	118
FC-034	LIGHT	Larimer	08/26/2013	Country Club	6	0	25	0	0	31
FC-036	LIGHT	Larimer	06/03/2013	Hemlock	73	0	4	0	0	77
FC-036	LIGHT	Larimer	06/10/2013	Hemlock	86	0	5	0	0	91
FC-036	LIGHT	Larimer	06/17/2013	Hemlock	167	0	6	2	0	175
FC-036	LIGHT	Larimer	06/24/2013	Hemlock	205	0	15	0	0	220
FC-036	LIGHT	Larimer	07/01/2013	Hemlock	254	0	48	0	5	307
FC-036	LIGHT	Larimer	07/08/2013	Hemlock	214	0	218	12	39	483
FC-036	LIGHT	Larimer	07/15/2013	Hemlock	62	0	54	0	3	119
FC-036	LIGHT	Larimer	07/22/2013	Hemlock	326	0	222	2	25	575
FC-036	LIGHT	Larimer	07/29/2013	Hemlock	92	0	85	0	1	178
FC-036	LIGHT	Larimer	08/05/2013	Hemlock	118	0	191	6	11	326





# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-036	LIGHT	Larimer	08/12/2013	Hemlock	32	0	129	10	3	174
FC-036	LIGHT	Larimer	08/19/2013	Hemlock	12	0	34	0	0	46
FC-036	LIGHT	Larimer	08/26/2013	Hemlock	6	0	33	0	0	39
FC-037	LIGHT	Larimer	06/06/2013	Chelsea Ridge	0	0	0	0	0	0
FC-037	LIGHT	Larimer	06/13/2013	Chelsea Ridge	12	0	4	0	0	16
FC-037	LIGHT	Larimer	06/20/2013	Chelsea Ridge	9	0	6	1	0	16
FC-037	LIGHT	Larimer	06/27/2013	Chelsea Ridge	30	0	11	0	0	41
FC-037	LIGHT	Larimer	07/03/2013	Chelsea Ridge	31	0	60	0	0	91
FC-037	LIGHT	Larimer	07/11/2013	Chelsea Ridge	40	0	46	0	0	86
FC-037	LIGHT	Larimer	07/18/2013	Chelsea Ridge	57	0	284	1	0	342
FC-037	LIGHT	Larimer	07/25/2013	Chelsea Ridge	9	0	78	0	0	87
FC-037	LIGHT	Larimer	08/01/2013	Chelsea Ridge	7	0	62	4	0	73
FC-037	LIGHT	Larimer	08/08/2013	Chelsea Ridge	13	0	49	1	0	63
FC-037	LIGHT	Larimer	08/15/2013	Chelsea Ridge	2	0	6	0	0	8
FC-037	LIGHT	Larimer	08/23/2013	Chelsea Ridge	1	0	4	0	0	5
FC-037	LIGHT	Larimer	08/29/2013	Chelsea Ridge	1	0	2	0	0	3
FC-038	LIGHT	Larimer	06/03/2013	Lochside Lane	11	0	0	5	0	16
FC-038	LIGHT	Larimer	06/10/2013	Lochside Lane	9	0	7	1	0	17
FC-038	LIGHT	Larimer	06/17/2013	Lochside Lane	19	0	0	0	0	19
FC-038	LIGHT	Larimer	06/24/2013	Lochside Lane	0	0	0	0	0	0
FC-038	LIGHT	Larimer	07/01/2013	Lochside Lane	33	0	34	1	0	68
FC-038	LIGHT	Larimer	07/08/2013	Lochside Lane	78	0	103	3	0	184
FC-038	LIGHT	Larimer	07/15/2013	Lochside Lane	103	0	50	1	0	154
FC-038	LIGHT	Larimer	07/22/2013	Lochside Lane	53	0	117	2	0	172
FC-038	LIGHT	Larimer	07/29/2013	Lochside Lane	33	0	53	1	0	87
FC-038	LIGHT	Larimer	08/05/2013	Lochside Lane	13	0	31	0	0	44
FC-038	LIGHT	Larimer	08/12/2013	Lochside Lane	19	0	92	2	0	113
FC-038	LIGHT	Larimer	08/19/2013	Lochside Lane	27	0	41	3	0	71
FC-038	LIGHT	Larimer	08/26/2013	Lochside Lane	57	0	62	0	0	119
FC-039	LIGHT	Larimer	06/04/2013	Fossil Creek South (Green	30	0	2	5	0	37
FC-039	LIGHT	Larimer	06/11/2013	Fossil Creek South (Green	45	0	65	0	0	110
FC-039	LIGHT	Larimer	06/18/2013	Fossil Creek South (Green	14	0	34	9	0	57
FC-039	LIGHT	Larimer	06/25/2013	Fossil Creek South (Green	54	0	59	2	0	115
FC-039	LIGHT	Larimer	07/02/2013	Fossil Creek South (Green	59	0	50	4	0	113
FC-039	LIGHT	Larimer	07/09/2013	Fossil Creek South (Green	106	0	135	2	0	243
FC-039	LIGHT	Larimer	07/16/2013	Fossil Creek South (Green	32	0	257	3	0	292
FC-039	LIGHT	Larimer	07/23/2013	Fossil Creek South (Green	280	0	222	4	0	506
FC-039	LIGHT	Larimer	07/30/2013	Fossil Creek South (Green	6	0	36	0	0	42
FC-039	LIGHT	Larimer	08/06/2013	Fossil Creek South (Green	29	0	63	3	0	95
FC-039	LIGHT	Larimer	08/13/2013	Fossil Creek South (Green	1	0	0	0	0	1
FC-039	LIGHT	Larimer	08/22/2013	Fossil Creek South (Green	7	0	1	0	0	8
FC-039	LIGHT	Larimer	08/27/2013	Fossil Creek South (Green	39	0	3	1	0	43



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-040	LIGHT	Larimer	06/03/2013	Redwood	5	0	0	2	0	7
FC-040	LIGHT	Larimer	06/10/2013	Redwood	4	0	1	1	0	6
FC-040	LIGHT	Larimer	06/17/2013	Redwood	17	0	4	0	0	21
FC-040	LIGHT	Larimer	06/24/2013	Redwood	31	0	3	3	0	37
FC-040	LIGHT	Larimer	07/01/2013	Redwood	48	0	37	5	0	90
FC-040	LIGHT	Larimer	07/08/2013	Redwood	30	0	38	3	0	71
FC-040	LIGHT	Larimer	07/15/2013	Redwood	38	0	108	0	0	146
FC-040	LIGHT	Larimer	07/22/2013	Redwood	32	0	129	1	0	162
FC-040	LIGHT	Larimer	07/29/2013	Redwood	5	0	47	0	0	52
FC-040	LIGHT	Larimer	08/05/2013	Redwood	12	0	70	2	0	84
FC-040	LIGHT	Larimer	08/12/2013	Redwood	11	0	119	4	0	134
FC-040	LIGHT	Larimer	08/19/2013	Redwood	8	0	95	0	0	103
FC-040	LIGHT	Larimer	08/26/2013	Redwood	9	0	16	0	0	25
FC-041	LIGHT	Larimer	06/05/2013	Fishback	1	0	1	0	0	2
FC-041	LIGHT	Larimer	06/12/2013	Fishback	11	0	1	0	0	12
FC-041	LIGHT	Larimer	06/19/2013	Fishback	25	0	7	0	0	32
FC-041	LIGHT	Larimer	06/26/2013	Fishback	45	0	16	0	0	61
FC-041	LIGHT	Larimer	07/03/2013	Fishback	20	0	21	1	0	42
FC-041	LIGHT	Larimer	07/10/2013	Fishback	23	0	166	1	0	190
FC-041	LIGHT	Larimer	07/17/2013	Fishback	20	0	204	0	0	224
FC-041	LIGHT	Larimer	07/24/2013	Fishback	40	0	136	0	0	176
FC-041	LIGHT	Larimer	07/31/2013	Fishback	25	0	97	3	0	125
FC-041	LIGHT	Larimer	08/07/2013	Fishback	38	0	186	1	0	225
FC-041	LIGHT	Larimer	08/14/2013	Fishback	25	0	117	0	0	142
FC-041	LIGHT	Larimer	08/19/2013	Fishback	8	0	72	0	0	80
FC-041	LIGHT	Larimer	08/28/2013	Fishback	3	0	29	0	0	32
FC-046	LIGHT	Larimer	06/04/2013	725 Westshore Court	1	0	0	0	0	1
FC-046	LIGHT	Larimer	06/11/2013	725 Westshore Court	29	0	0	0	0	29
FC-046	LIGHT	Larimer	06/18/2013	725 Westshore Court	12	0	2	0	0	14
FC-046	LIGHT	Larimer	06/25/2013	725 Westshore Court	8	0	15	0	0	23
FC-046	LIGHT	Larimer	07/02/2013	725 Westshore Court	6	0	13	0	0	19
FC-046	LIGHT	Larimer	07/09/2013	725 Westshore Court	28	0	95	0	0	123
FC-046	LIGHT	Larimer	07/16/2013	725 Westshore Court	33	0	49	0	0	82
FC-046	LIGHT	Larimer	07/23/2013	725 Westshore Court	8	0	456	0	0	464
FC-046	LIGHT	Larimer	07/30/2013	725 Westshore Court	5	0	87	0	0	92
FC-046	LIGHT	Larimer	08/06/2013	725 Westshore Court	2	0	68	1	0	71
FC-046	LIGHT	Larimer	08/13/2013	725 Westshore Court	2	0	41	1	0	44
FC-046	LIGHT	Larimer	08/22/2013	725 Westshore Court	0	0	7	0	0	7
FC-046	LIGHT	Larimer	08/27/2013	725 Westshore Court	5	0	12	0	0	17
FC-047	LIGHT	Larimer	06/04/2013	Keenland & Twin Oak	0	0	0	0	0	0
FC-047	LIGHT	Larimer	06/11/2013	Keenland & Twin Oak	13	0	2	0	0	15
FC-047	LIGHT	Larimer	06/18/2013	Keenland & Twin Oak	1	0	0	0	0	1



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-047	LIGHT	Larimer	06/25/2013	Keenland & Twin Oak	2	0	3	0	0	5
FC-047	LIGHT	Larimer	07/02/2013	Keenland & Twin Oak	3	0	2	0	0	5
FC-047	LIGHT	Larimer	07/09/2013	Keenland & Twin Oak	1	0	10	0	0	11
FC-047	LIGHT	Larimer	07/16/2013	Keenland & Twin Oak	8	0	30	0	0	38
FC-047	LIGHT	Larimer	07/23/2013	Keenland & Twin Oak	3	0	51	0	0	54
FC-047	LIGHT	Larimer	07/30/2013	Keenland & Twin Oak	5	0	15	0	0	20
FC-047	LIGHT	Larimer	08/06/2013	Keenland & Twin Oak	0	0	10	0	0	10
FC-047	LIGHT	Larimer	08/13/2013	Keenland & Twin Oak	0	0	5	0	0	5
FC-047	LIGHT	Larimer	08/22/2013	Keenland & Twin Oak	3	0	0	0	0	3
FC-047	LIGHT	Larimer	08/27/2013	Keenland & Twin Oak	1	0	7	0	0	8
FC-049	LIGHT	Larimer	06/05/2013	Casa Grande and Downin	0	0	1	0	0	1
FC-049	LIGHT	Larimer	06/12/2013	Casa Grande and Downin	4	0	0	1	0	5
FC-049	LIGHT	Larimer	06/19/2013	Casa Grande and Downin	2	0	0	0	0	2
FC-049	LIGHT	Larimer	06/26/2013	Casa Grande and Downin	3	0	1	1	0	5
FC-049	LIGHT	Larimer	07/10/2013	Casa Grande and Downin	7	0	8	4	0	19
FC-049	LIGHT	Larimer	07/17/2013	Casa Grande and Downin	12	0	59	0	0	71
FC-049	LIGHT	Larimer	07/24/2013	Casa Grande and Downin	4	0	30	0	0	34
FC-049	LIGHT	Larimer	07/31/2013	Casa Grande and Downin	1	0	12	0	0	13
FC-049	LIGHT	Larimer	08/07/2013	Casa Grande and Downin	2	0	17	0	0	19
FC-049	LIGHT	Larimer	08/14/2013	Casa Grande and Downin	1	0	9	0	0	10
FC-049	LIGHT	Larimer	08/23/2013	Casa Grande and Downin	0	0	13	1	0	14
FC-049	LIGHT	Larimer	08/28/2013	Casa Grande and Downin	0	0	17	2	0	19
FC-050	LIGHT	Larimer	06/04/2013	Golden Meadows Ditch	6	0	0	0	0	6
FC-050	LIGHT	Larimer	06/11/2013	Golden Meadows Ditch	35	0	1	0	0	36
FC-050	LIGHT	Larimer	06/18/2013	Golden Meadows Ditch	27	0	2	1	0	30
FC-050	LIGHT	Larimer	06/25/2013	Golden Meadows Ditch	0	0	0	0	0	0
FC-050	LIGHT	Larimer	06/27/2013	Golden Meadows Ditch	12	0	7	2	0	21
FC-050	LIGHT	Larimer	07/02/2013	Golden Meadows Ditch	10	0	7	1	0	18
FC-050	LIGHT	Larimer	07/09/2013	Golden Meadows Ditch	29	0	55	0	0	84
FC-050	LIGHT	Larimer	07/16/2013	Golden Meadows Ditch	49	0	63	0	0	112
FC-050	LIGHT	Larimer	07/23/2013	Golden Meadows Ditch	25	0	178	0	0	203
FC-050	LIGHT	Larimer	07/30/2013	Golden Meadows Ditch	8	0	95	1	0	104
FC-050	LIGHT	Larimer	08/06/2013	Golden Meadows Ditch	3	0	101	1	0	105
FC-050	LIGHT	Larimer	08/13/2013	Golden Meadows Ditch	1	0	64	0	0	65
FC-050	LIGHT	Larimer	08/22/2013	Golden Meadows Ditch	0	0	50	0	0	50
FC-050	LIGHT	Larimer	08/27/2013	Golden Meadows Ditch	1	0	35	1	0	37
FC-052	LIGHT	Larimer	06/05/2013	603 Gilgalad Way	1	0	0	1	0	2
FC-052	LIGHT	Larimer	06/12/2013	603 Gilgalad Way	27	0	0	0	0	27
FC-052	LIGHT	Larimer	06/19/2013	603 Gilgalad Way	35	0	1	0	0	36
FC-052	LIGHT	Larimer	06/26/2013	603 Gilgalad Way	44	0	2	1	0	47
FC-052	LIGHT	Larimer	07/03/2013	603 Gilgalad Way	36	0	4	0	0	40
FC-052	LIGHT	Larimer	07/10/2013	603 Gilgalad Way	133	0	16	7	0	156



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-052	LIGHT	Larimer	07/17/2013	603 Gilgalad Way	43	0	11	0	0	54
FC-052	LIGHT	Larimer	07/24/2013	603 Gilgalad Way	40	0	29	0	0	69
FC-052	LIGHT	Larimer	07/31/2013	603 Gilgalad Way	26	0	14	0	0	40
FC-052	LIGHT	Larimer	08/07/2013	603 Gilgalad Way	35	0	27	2	0	64
FC-052	LIGHT	Larimer	08/14/2013	603 Gilgalad Way	88	0	10	0	0	98
FC-052	LIGHT	Larimer	08/23/2013	603 Gilgalad Way	1	0	4	0	0	5
FC-052	LIGHT	Larimer	08/28/2013	603 Gilgalad Way	2	0	6	0	0	8
FC-053	LIGHT	Larimer	06/04/2013	Egret and Rookery	0	0	21	6	0	27
FC-053	LIGHT	Larimer	06/11/2013	Egret and Rookery	5	0	57	10	0	72
FC-053	LIGHT	Larimer	06/18/2013	Egret and Rookery	11	0	39	7	0	57
FC-053	LIGHT	Larimer	06/25/2013	Egret and Rookery	3	0	33	4	0	40
FC-053	LIGHT	Larimer	07/02/2013	Egret and Rookery	16	0	37	1	0	54
FC-053	LIGHT	Larimer	07/09/2013	Egret and Rookery	339	0	105	0	0	444
FC-053	LIGHT	Larimer	07/16/2013	Egret and Rookery	128	0	684	10	0	822
FC-053	LIGHT	Larimer	07/25/2013	Egret and Rookery	16	0	149	3	0	168
FC-053	LIGHT	Larimer	07/30/2013	Egret and Rookery	2	0	83	0	0	85
FC-053	LIGHT	Larimer	08/06/2013	Egret and Rookery	11	0	184	2	0	197
FC-053	LIGHT	Larimer	08/13/2013	Egret and Rookery	1	0	48	0	0	49
FC-053	LIGHT	Larimer	08/22/2013	Egret and Rookery	4	0	16	0	0	20
FC-053	LIGHT	Larimer	08/27/2013	Egret and Rookery	7	0	13	0	0	20
FC-054	LIGHT	Larimer	06/06/2013	737 Parliament Court	0	0	0	0	0	0
FC-054	LIGHT	Larimer	06/13/2013	737 Parliament Court	9	0	1	0	0	10
FC-054	LIGHT	Larimer	06/20/2013	737 Parliament Court	16	0	1	0	0	17
FC-054	LIGHT	Larimer	06/27/2013	737 Parliament Court	13	0	10	0	0	23
FC-054	LIGHT	Larimer	07/03/2013	737 Parliament Court	4	0	4	0	0	8
FC-054	LIGHT	Larimer	07/11/2013	737 Parliament Court	28	0	37	0	0	65
FC-054	LIGHT	Larimer	07/18/2013	737 Parliament Court	14	0	96	1	0	111
FC-054	LIGHT	Larimer	07/25/2013	737 Parliament Court	9	0	12	1	0	22
FC-054	LIGHT	Larimer	08/01/2013	737 Parliament Court	4	0	26	0	0	30
FC-054	LIGHT	Larimer	08/08/2013	737 Parliament Court	0	0	7	0	0	7
FC-054	LIGHT	Larimer	08/15/2013	737 Parliament Court	2	0	3	2	0	7
FC-054	LIGHT	Larimer	08/22/2013	737 Parliament Court	3	0	5	0	0	8
FC-054	LIGHT	Larimer	08/29/2013	737 Parliament Court	1	0	2	0	0	3
FC-057	LIGHT	Larimer	06/06/2013	Registry Ridge- End of Ra	2	0	0	0	0	2
FC-057	LIGHT	Larimer	06/13/2013	Registry Ridge- End of Ra	7	0	0	0	0	7
FC-057	LIGHT	Larimer	06/20/2013	Registry Ridge- End of Ra	5	0	2	0	0	7
FC-057	LIGHT	Larimer	06/27/2013	Registry Ridge- End of Ra	4	0	2	0	0	6
FC-057	LIGHT	Larimer	07/03/2013	Registry Ridge- End of Ra	13	0	7	0	0	20
FC-057	LIGHT	Larimer	07/11/2013	Registry Ridge- End of Ra	19	0	56	0	0	75
FC-057	LIGHT	Larimer	07/18/2013	Registry Ridge- End of Ra	0	0	43	0	0	43
FC-057	LIGHT	Larimer	07/25/2013	Registry Ridge- End of Ra	5	0	15	0	0	20
FC-057	LIGHT	Larimer	08/01/2013	Registry Ridge- End of Ra	0	0	22	5	0	27



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-057	LIGHT	Larimer	08/08/2013	Registry Ridge- End of Ra	2	0	8	0	0	10
FC-057	LIGHT	Larimer	08/15/2013	Registry Ridge- End of Ra	1	0	3	1	0	5
FC-057	LIGHT	Larimer	08/23/2013	Registry Ridge- End of Ra	1	0	0	0	0	1
FC-057	LIGHT	Larimer	08/29/2013	Registry Ridge- End of Ra	0	0	0	0	0	0
FC-058	LIGHT	Larimer	06/05/2013	Spring Creek Trail @ Mich	0	0	0	1	0	1
FC-058	LIGHT	Larimer	06/12/2013	Spring Creek Trail @ Mich	6	0	0	1	0	7
FC-058	LIGHT	Larimer	06/19/2013	Spring Creek Trail @ Mich	1	0	0	0	0	1
FC-058	LIGHT	Larimer	06/26/2013	Spring Creek Trail @ Mich	52	0	0	0	0	52
FC-058	LIGHT	Larimer	07/10/2013	Spring Creek Trail @ Mich	54	0	9	0	0	63
FC-058	LIGHT	Larimer	07/17/2013	Spring Creek Trail @ Mich	39	0	57	0	0	96
FC-058	LIGHT	Larimer	07/24/2013	Spring Creek Trail @ Mich	38	0	29	0	0	67
FC-058	LIGHT	Larimer	07/31/2013	Spring Creek Trail @ Mich	9	0	15	0	0	24
FC-058	LIGHT	Larimer	08/07/2013	Spring Creek Trail @ Mich	4	0	17	0	0	21
FC-058	LIGHT	Larimer	08/14/2013	Spring Creek Trail @ Mich	5	0	4	0	0	9
FC-058	LIGHT	Larimer	08/23/2013	Spring Creek Trail @ Mich	3	0	3	0	0	6
FC-058	LIGHT	Larimer	08/28/2013	Spring Creek Trail @ Mich	1	0	2	0	0	3
FC-059	LIGHT	Larimer	06/04/2013	Springwood and Lockwoo	7	0	5	4	0	16
FC-059	LIGHT	Larimer	06/11/2013	Springwood and Lockwoo	59	0	13	0	0	72
FC-059	LIGHT	Larimer	06/18/2013	Springwood and Lockwoo	87	0	1	1	0	89
FC-059	LIGHT	Larimer	06/25/2013	Springwood and Lockwoo	191	0	10	4	0	205
FC-059	LIGHT	Larimer	07/02/2013	Springwood and Lockwoo	19	0	16	0	0	35
FC-059	LIGHT	Larimer	07/09/2013	Springwood and Lockwoo	85	0	71	1	0	157
FC-059	LIGHT	Larimer	07/16/2013	Springwood and Lockwoo	115	0	233	2	0	350
FC-059	LIGHT	Larimer	07/23/2013	Springwood and Lockwoo	53	0	223	0	0	276
FC-059	LIGHT	Larimer	07/30/2013	Springwood and Lockwoo	29	0	69	0	0	98
FC-059	LIGHT	Larimer	08/06/2013	Springwood and Lockwoo	34	0	233	1	0	268
FC-059	LIGHT	Larimer	08/13/2013	Springwood and Lockwoo	4	0	59	0	0	63
FC-059	LIGHT	Larimer	08/22/2013	Springwood and Lockwoo	2	0	32	0	0	34
FC-059	LIGHT	Larimer	08/27/2013	Springwood and Lockwoo	6	0	33	0	0	39
FC-060	LIGHT	Larimer	06/05/2013	808 Pondersosa	0	0	0	0	0	0
FC-060	LIGHT	Larimer	06/12/2013	808 Pondersosa	2	0	0	0	0	2
FC-060	LIGHT	Larimer	06/19/2013	808 Pondersosa	4	0	0	0	0	4
FC-060	LIGHT	Larimer	06/26/2013	808 Pondersosa	7	0	0	0	0	7
FC-060	LIGHT	Larimer	07/10/2013	808 Pondersosa	4	0	23	2	0	29
FC-060	LIGHT	Larimer	07/17/2013	808 Pondersosa	3	0	4	0	0	7
FC-060	LIGHT	Larimer	07/24/2013	808 Pondersosa	0	0	8	0	0	8
FC-060	LIGHT	Larimer	07/31/2013	808 Pondersosa	4	0	19	0	0	23
FC-060	LIGHT	Larimer	08/07/2013	808 Pondersosa	1	0	12	0	0	13
FC-060	LIGHT	Larimer	08/14/2013	808 Pondersosa	0	0	6	0	0	6
FC-060	LIGHT	Larimer	08/23/2013	808 Pondersosa	1	0	4	0	0	5
FC-060	LIGHT	Larimer	08/28/2013	808 Pondersosa	2	0	2	0	0	4
FC-061	LIGHT	Larimer	06/05/2013	Holley Environ. Plant Res	0	0	1	0	0	1



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-061	LIGHT	Larimer	06/12/2013	Holley Environ. Plant Res	49	0	0	0	0	49
FC-061	LIGHT	Larimer	06/19/2013	Holley Environ. Plant Res	43	0	2	0	0	45
FC-061	LIGHT	Larimer	06/26/2013	Holley Environ. Plant Res	182	0	2	1	0	185
FC-061	LIGHT	Larimer	07/03/2013	Holley Environ. Plant Res	57	0	13	1	0	71
FC-061	LIGHT	Larimer	07/10/2013	Holley Environ. Plant Res	91	0	49	1	0	141
FC-061	LIGHT	Larimer	07/17/2013	Holley Environ. Plant Res	30	0	33	1	0	64
FC-061	LIGHT	Larimer	07/24/2013	Holley Environ. Plant Res	30	0	98	1	0	129
FC-061	LIGHT	Larimer	07/31/2013	Holley Environ. Plant Res	22	0	25	1	0	48
FC-061	LIGHT	Larimer	08/07/2013	Holley Environ. Plant Res	14	0	48	2	0	64
FC-061	LIGHT	Larimer	08/14/2013	Holley Environ. Plant Res	7	0	20	0	0	27
FC-061	LIGHT	Larimer	08/19/2013	Holley Environ. Plant Res	4	0	36	0	0	40
FC-061	LIGHT	Larimer	08/28/2013	Holley Environ. Plant Res	1	0	18	0	0	19
FC-062	LIGHT	Larimer	06/06/2013	Waters Edge at Blue Mes	0	0	0	0	0	0
FC-062	LIGHT	Larimer	06/13/2013	Waters Edge at Blue Mes	2	0	2	0	0	4
FC-062	LIGHT	Larimer	06/20/2013	Waters Edge at Blue Mes	3	0	0	0	0	3
FC-062	LIGHT	Larimer	06/27/2013	Waters Edge at Blue Mes	9	0	2	2	0	13
FC-062	LIGHT	Larimer	07/03/2013	Waters Edge at Blue Mes	16	0	5	0	0	21
FC-062	LIGHT	Larimer	07/11/2013	Waters Edge at Blue Mes	8	0	3	0	0	11
FC-062	LIGHT	Larimer	07/18/2013	Waters Edge at Blue Mes	19	0	29	0	0	48
FC-062	LIGHT	Larimer	07/25/2013	Waters Edge at Blue Mes	0	0	0	0	0	0
FC-062	LIGHT	Larimer	08/01/2013	Waters Edge at Blue Mes	2	0	24	0	0	26
FC-062	LIGHT	Larimer	08/08/2013	Waters Edge at Blue Mes	2	0	12	0	0	14
FC-062	LIGHT	Larimer	08/15/2013	Waters Edge at Blue Mes	3	0	17	2	0	22
FC-062	LIGHT	Larimer	08/23/2013	Waters Edge at Blue Mes	3	0	6	0	0	9
FC-062	LIGHT	Larimer	08/29/2013	Waters Edge at Blue Mes	0	0	4	0	0	4
FC-063	LIGHT	Larimer	06/05/2013	Red Fox Meadows FCNA	16	0	0	1	0	17
FC-063	LIGHT	Larimer	06/12/2013	Red Fox Meadows FCNA	56	0	0	0	0	56
FC-063	LIGHT	Larimer	06/19/2013	Red Fox Meadows FCNA	220	0	1	0	0	221
FC-063	LIGHT	Larimer	06/26/2013	Red Fox Meadows FCNA	73	0	0	0	0	73
FC-063	LIGHT	Larimer	07/03/2013	Red Fox Meadows FCNA	140	0	0	1	0	141
FC-063	LIGHT	Larimer	07/10/2013	Red Fox Meadows FCNA	94	0	2	0	0	96
FC-063	LIGHT	Larimer	07/17/2013	Red Fox Meadows FCNA	105	0	19	1	0	125
FC-063	LIGHT	Larimer	07/24/2013	Red Fox Meadows FCNA	59	0	26	0	0	85
FC-063	LIGHT	Larimer	07/31/2013	Red Fox Meadows FCNA	41	0	12	0	0	53
FC-063	LIGHT	Larimer	08/07/2013	Red Fox Meadows FCNA	22	0	9	1	0	32
FC-063	LIGHT	Larimer	08/14/2013	Red Fox Meadows FCNA	42	0	8	0	0	50
FC-063	LIGHT	Larimer	08/23/2013	Red Fox Meadows FCNA	2	0	1	0	0	3
FC-063	LIGHT	Larimer	08/28/2013	Red Fox Meadows FCNA	2	0	4	1	0	7
FC-064	LIGHT	Larimer	06/04/2013	West Chase @ Kechter F	10	0	4	4	0	18
FC-064	LIGHT	Larimer	06/11/2013	West Chase @ Kechter F	167	0	116	7	0	290
FC-064	LIGHT	Larimer	06/18/2013	West Chase @ Kechter F	49	0	39	2	0	90
FC-064	LIGHT	Larimer	06/25/2013	West Chase @ Kechter F	66	0	31	6	0	103



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-064	LIGHT	Larimer	07/02/2013	West Chase @ Kechter F	17	0	95	7	0	119
FC-064	LIGHT	Larimer	07/09/2013	West Chase @ Kechter F	127	0	324	3	0	454
FC-064	LIGHT	Larimer	07/16/2013	West Chase @ Kechter F	59	0	223	0	0	282
FC-064	LIGHT	Larimer	07/23/2013	West Chase @ Kechter F	58	0	201	1	0	260
FC-064	LIGHT	Larimer	07/30/2013	West Chase @ Kechter F	34	0	92	0	0	126
FC-064	LIGHT	Larimer	08/06/2013	West Chase @ Kechter F	22	0	170	3	1	196
FC-064	LIGHT	Larimer	08/13/2013	West Chase @ Kechter F	1	0	5	0	0	6
FC-064	LIGHT	Larimer	08/22/2013	West Chase @ Kechter F	1	0	1	0	0	2
FC-064	LIGHT	Larimer	08/27/2013	West Chase @ Kechter F	2	0	0	0	0	2
FC-066	LIGHT	Larimer	06/04/2013	Prospect Ponds @ Drake	113	0	5	4	0	122
FC-066	LIGHT	Larimer	06/11/2013	Prospect Ponds @ Drake	2000	0	7	0	0	2,007
FC-066	LIGHT	Larimer	06/18/2013	Prospect Ponds @ Drake	600	0	5	0	0	605
FC-066	LIGHT	Larimer	06/25/2013	Prospect Ponds @ Drake	6120	0	7	0	0	6,127
FC-066	LIGHT	Larimer	07/02/2013	Prospect Ponds @ Drake	100	0	7	0	1	108
FC-066	LIGHT	Larimer	07/09/2013	Prospect Ponds @ Drake	1980	0	64	4	0	2,048
FC-066	LIGHT	Larimer	07/16/2013	Prospect Ponds @ Drake	509	0	60	0	0	569
FC-066	LIGHT	Larimer	07/25/2013	Prospect Ponds @ Drake	194	0	68	1	6	269
FC-066	LIGHT	Larimer	07/30/2013	Prospect Ponds @ Drake	235	0	102	0	1	338
FC-066	LIGHT	Larimer	08/06/2013	Prospect Ponds @ Drake	276	1	179	10	2	468
FC-066	LIGHT	Larimer	08/13/2013	Prospect Ponds @ Drake	50	0	99	1	0	150
FC-066	LIGHT	Larimer	08/19/2013	Prospect Ponds @ Drake	394	0	69	0	0	463
FC-066	LIGHT	Larimer	08/26/2013	Prospect Ponds @ Drake	264	0	77	4	0	345
FC-067	LIGHT	Larimer	06/04/2013	Poudre River Drive at bike	1005	0	37	5	0	1,047
FC-067	LIGHT	Larimer	06/11/2013	Poudre River Drive at bike	2040	0	6	0	0	2,046
FC-067	LIGHT	Larimer	06/18/2013	Poudre River Drive at bike	1616	0	10	0	0	1,626
FC-067	LIGHT	Larimer	06/25/2013	Poudre River Drive at bike	1140	0	251	2	5	1,398
FC-067	LIGHT	Larimer	07/02/2013	Poudre River Drive at bike	400	0	44	6	0	450
FC-067	LIGHT	Larimer	07/09/2013	Poudre River Drive at bike	556	0	57	6	0	619
FC-067	LIGHT	Larimer	07/16/2013	Poudre River Drive at bike	1210	0	34	1	0	1,245
FC-067	LIGHT	Larimer	07/25/2013	Poudre River Drive at bike	1080	0	108	15	0	1,203
FC-067	LIGHT	Larimer	07/30/2013	Poudre River Drive at bike	1332	0	33	0	0	1,365
FC-067	LIGHT	Larimer	08/06/2013	Poudre River Drive at bike	408	0	89	0	0	497
FC-067	LIGHT	Larimer	08/13/2013	Poudre River Drive at bike	318	0	158	1	0	477
FC-067	LIGHT	Larimer	08/19/2013	Poudre River Drive at bike	200	0	80	2	0	282
FC-067	LIGHT	Larimer	08/26/2013	Poudre River Drive at bike	57	0	76	0	0	133
FC-068	LIGHT	Larimer	06/06/2013	5029 Crest Drive	0	0	0	0	0	0
FC-068	LIGHT	Larimer	06/13/2013	5029 Crest Drive	8	0	0	0	0	8
FC-068	LIGHT	Larimer	06/20/2013	5029 Crest Drive	0	0	0	0	0	0
FC-068	LIGHT	Larimer	06/27/2013	5029 Crest Drive	1	0	7	1	0	9
FC-068	LIGHT	Larimer	07/11/2013	5029 Crest Drive	6	0	18	3	0	27
FC-068	LIGHT	Larimer	07/18/2013	5029 Crest Drive	9	0	28	0	0	37
FC-068	LIGHT	Larimer	07/25/2013	5029 Crest Drive	13	0	45	2	0	60



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-068	LIGHT	Larimer	08/01/2013	5029 Crest Drive	4	0	20	3	0	27
FC-068	LIGHT	Larimer	08/08/2013	5029 Crest Drive	4	0	25	2	0	31
FC-068	LIGHT	Larimer	08/15/2013	5029 Crest Drive	1	0	20	4	0	25
FC-068	LIGHT	Larimer	08/23/2013	5029 Crest Drive	2	0	9	0	0	11
FC-068	LIGHT	Larimer	08/29/2013	5029 Crest Drive	0	0	1	1	0	2
FC-069	LIGHT	Larimer	06/03/2013	Linden Lake Rd	6	0	0	1	0	7
FC-069	LIGHT	Larimer	06/10/2013	Linden Lake Rd	15	0	2	0	0	17
FC-069	LIGHT	Larimer	06/17/2013	Linden Lake Rd	45	0	3	0	0	48
FC-069	LIGHT	Larimer	06/24/2013	Linden Lake Rd	77	0	4	0	0	81
FC-069	LIGHT	Larimer	07/01/2013	Linden Lake Rd	116	0	13	1	0	130
FC-069	LIGHT	Larimer	07/08/2013	Linden Lake Rd	25	0	24	0	0	49
FC-069	LIGHT	Larimer	07/15/2013	Linden Lake Rd	17	0	33	0	0	50
FC-069	LIGHT	Larimer	07/22/2013	Linden Lake Rd	49	0	45	0	0	94
FC-069	LIGHT	Larimer	07/29/2013	Linden Lake Rd	17	0	36	1	0	54
FC-069	LIGHT	Larimer	08/05/2013	Linden Lake Rd	38	0	50	1	0	89
FC-069	LIGHT	Larimer	08/12/2013	Linden Lake Rd	3	0	50	1	0	54
FC-069	LIGHT	Larimer	08/19/2013	Linden Lake Rd	13	0	24	0	0	37
FC-069	LIGHT	Larimer	08/26/2013	Linden Lake Rd	9	0	19	0	0	28
FC-071	LIGHT	Larimer	06/06/2013	Silvergate Road	0	0	0	0	0	0
FC-071	LIGHT	Larimer	06/13/2013	Silvergate Road	3	0	0	0	0	3
FC-071	LIGHT	Larimer	06/20/2013	Silvergate Road	0	0	0	0	0	0
FC-071	LIGHT	Larimer	06/27/2013	Silvergate Road	15	0	0	0	0	15
FC-071	LIGHT	Larimer	07/11/2013	Silvergate Road	3	0	2	0	0	5
FC-071	LIGHT	Larimer	07/18/2013	Silvergate Road	6	0	14	0	0	20
FC-071	LIGHT	Larimer	07/25/2013	Silvergate Road	0	0	1	0	0	1
FC-071	LIGHT	Larimer	08/01/2013	Silvergate Road	0	0	6	0	0	6
FC-071	LIGHT	Larimer	08/08/2013	Silvergate Road	0	0	6	0	0	6
FC-071	LIGHT	Larimer	08/15/2013	Silvergate Road	5	0	5	0	0	10
FC-071	LIGHT	Larimer	08/23/2013	Silvergate Road	0	0	1	0	0	1
FC-071	LIGHT	Larimer	08/29/2013	Silvergate Road	1	0	1	0	0	2
FC-072	LIGHT	Larimer	06/03/2013	422 Lake Drive Alley	1	0	0	0	0	1
FC-072	LIGHT	Larimer	06/10/2013	422 Lake Drive Alley	31	0	6	0	0	37
FC-072	LIGHT	Larimer	06/17/2013	422 Lake Drive Alley	61	0	9	0	0	70
FC-072	LIGHT	Larimer	06/24/2013	422 Lake Drive Alley	40	0	13	0	0	53
FC-072	LIGHT	Larimer	07/01/2013	422 Lake Drive Alley	15	0	21	0	0	36
FC-072	LIGHT	Larimer	07/08/2013	422 Lake Drive Alley	13	0	92	0	0	105
FC-072	LIGHT	Larimer	07/15/2013	422 Lake Drive Alley	72	0	82	2	0	156
FC-072	LIGHT	Larimer	07/22/2013	422 Lake Drive Alley	11	0	40	0	0	51
FC-072	LIGHT	Larimer	07/29/2013	422 Lake Drive Alley	2	0	22	0	0	24
FC-072	LIGHT	Larimer	08/05/2013	422 Lake Drive Alley	3	0	7	0	0	10
FC-072	LIGHT	Larimer	08/12/2013	422 Lake Drive Alley	2	0	70	0	0	72
FC-072	LIGHT	Larimer	08/19/2013	422 Lake Drive Alley	7	0	54	1	0	62





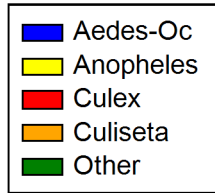
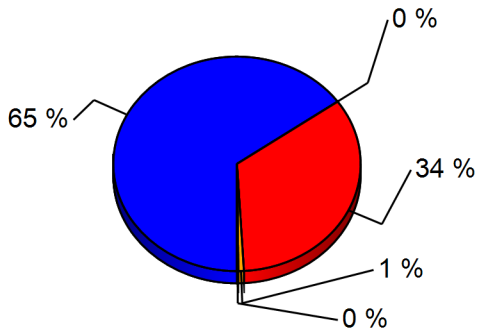
# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-072	LIGHT	Larimer	08/26/2013	422 Lake Drive Alley	3	0	33	0	0	36
FC-073	LIGHT	Larimer	06/03/2013	118 Grant	1	0	0	0	0	1
FC-073	LIGHT	Larimer	06/10/2013	118 Grant	1	0	1	0	0	2
FC-073	LIGHT	Larimer	06/17/2013	118 Grant	12	0	0	0	0	12
FC-073	LIGHT	Larimer	06/24/2013	118 Grant	59	0	8	0	0	67
FC-073	LIGHT	Larimer	07/01/2013	118 Grant	31	0	7	0	0	38
FC-073	LIGHT	Larimer	07/08/2013	118 Grant	6	0	7	1	0	14
FC-073	LIGHT	Larimer	07/15/2013	118 Grant	8	0	11	0	0	19
FC-073	LIGHT	Larimer	07/22/2013	118 Grant	18	0	15	0	0	33
FC-073	LIGHT	Larimer	07/29/2013	118 Grant	3	0	7	0	0	10
FC-073	LIGHT	Larimer	08/05/2013	118 Grant	7	0	42	0	0	49
FC-073	LIGHT	Larimer	08/12/2013	118 Grant	2	0	30	0	0	32
FC-073	LIGHT	Larimer	08/19/2013	118 Grant	2	0	21	0	0	23
FC-073	LIGHT	Larimer	08/28/2013	118 Grant	1	0	5	1	0	7
FC-074	LIGHT	Larimer	06/04/2013	Rockcreek	7	0	0	0	0	7
FC-074	LIGHT	Larimer	06/11/2013	Rockcreek	32	0	3	0	0	35
FC-074	LIGHT	Larimer	06/18/2013	Rockcreek	4	0	0	0	0	4
FC-074	LIGHT	Larimer	06/25/2013	Rockcreek	10	0	1	0	0	11
FC-074	LIGHT	Larimer	07/02/2013	Rockcreek	8	0	13	0	0	21
FC-074	LIGHT	Larimer	07/09/2013	Rockcreek	531	0	42	0	0	573
FC-074	LIGHT	Larimer	07/16/2013	Rockcreek	0	0	0	0	0	0
FC-074	LIGHT	Larimer	07/17/2013	Rockcreek	12	0	16	0	0	28
FC-074	LIGHT	Larimer	07/23/2013	Rockcreek	56	0	53	0	0	109
FC-074	LIGHT	Larimer	07/30/2013	Rockcreek	16	0	18	0	0	34
FC-074	LIGHT	Larimer	08/06/2013	Rockcreek	23	0	27	0	0	50
FC-074	LIGHT	Larimer	08/13/2013	Rockcreek	51	0	37	0	0	88
FC-074	LIGHT	Larimer	08/22/2013	Rockcreek	9	0	10	0	0	19
FC-074	LIGHT	Larimer	08/27/2013	Rockcreek	19	0	3	0	0	22
FC-075	LIGHT	Larimer	06/04/2013	North Sage Creek	1	0	0	0	0	1
FC-075	LIGHT	Larimer	06/11/2013	North Sage Creek	31	0	24	0	0	55
FC-075	LIGHT	Larimer	06/18/2013	North Sage Creek	9	0	1	1	0	11
FC-075	LIGHT	Larimer	06/25/2013	North Sage Creek	9	0	33	0	0	42
FC-075	LIGHT	Larimer	07/02/2013	North Sage Creek	21	0	94	2	0	117
FC-075	LIGHT	Larimer	07/09/2013	North Sage Creek	300	0	130	0	0	430
FC-075	LIGHT	Larimer	07/16/2013	North Sage Creek	34	0	123	2	0	159
FC-075	LIGHT	Larimer	07/23/2013	North Sage Creek	47	0	231	0	0	278
FC-075	LIGHT	Larimer	07/30/2013	North Sage Creek	9	0	82	0	0	91
FC-075	LIGHT	Larimer	08/06/2013	North Sage Creek	10	0	121	2	0	133
FC-075	LIGHT	Larimer	08/13/2013	North Sage Creek	0	0	2	0	0	2
FC-075	LIGHT	Larimer	08/22/2013	North Sage Creek	6	0	28	0	0	34
FC-075	LIGHT	Larimer	08/27/2013	North Sage Creek	17	0	65	0	0	82
FC-093	LIGHT	Larimer	06/27/2013	Lopez Elementary School	38	0	2	0	0	40



## Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-093	LIGHT	Larimer	07/03/2013	Lopez Elementary School	14	0	8	0	0	22
FC-093	LIGHT	Larimer	07/11/2013	Lopez Elementary School	98	0	41	2	0	141
FC-093	LIGHT	Larimer	07/18/2013	Lopez Elementary School	58	0	131	3	0	192
FC-093	LIGHT	Larimer	07/25/2013	Lopez Elementary School	18	0	70	0	0	88
FC-093	LIGHT	Larimer	08/01/2013	Lopez Elementary School	10	0	57	1	0	68
FC-093	LIGHT	Larimer	08/08/2013	Lopez Elementary School	3	0	23	2	0	28
FC-093	LIGHT	Larimer	08/15/2013	Lopez Elementary School	1	0	40	2	0	43
FC-093	LIGHT	Larimer	08/23/2013	Lopez Elementary School	5	0	9	0	0	14
FC-093	LIGHT	Larimer	08/29/2013	Lopez Elementary School	3	0	7	2	0	12
					<b>42,588</b>		<b>22,211</b>		<b>104</b>	
						<b>3</b>		<b>480</b>		<b>65,386</b>



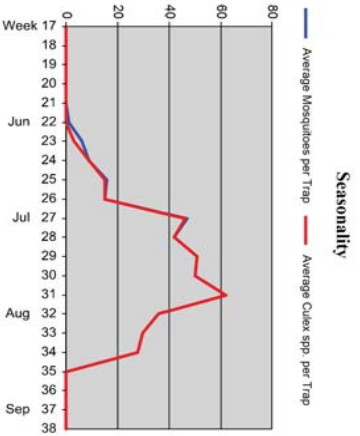
TOTAL	%
42,588	65 %
3	0 %
22,211	34 %
480	1 %
104	0 %

## 2013 Fort Collins CDC Gravid Trap Composite Data

Total number of trap/nights set: 130  
 Total number of mosquitoes collected: 3,947  
 Average mosquitoes per trap/night: 30  
 Average Culex per trap/night: 30

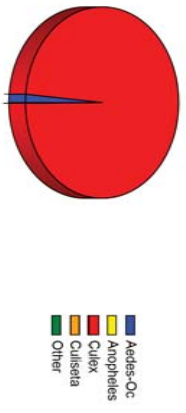
**Species collected and abundance:**

<i>Aedes (Oc) dorsalis</i>	8	0.2%
<i>Aedes (Oc) incrucipis</i>	1	0.0%
<i>Aedes vexans</i>	46	1.2%
<i>Culex pipiens</i>	3724	94.4%
<i>Culex spp.</i>	163	4.1%
<i>Culiseta inornata</i>	4	0.1%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	55	1.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	3,888	98.5%
<i>Culiseta</i>	4	0.1%
Other	0	0.0%



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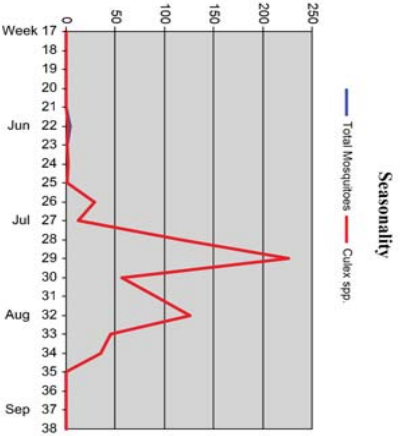
## FC-040gr: Redwood

Season: 2013  
 Trap Type: Redwood and Conifer at Electrical Post  
 Location: N40° 36.185', W105° 4.025'  
 GPS: N40° 36.185', W105° 4.025'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 747  
 Average mosquitoes per trap/night: 57  
 Average Culex per trap/night: 57

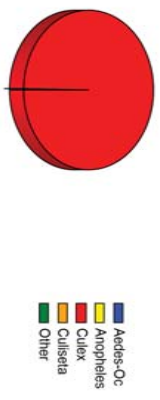
**Species collected and abundance:**

<i>Aedes (Oc) dorsalis</i>	2	0.3%
<i>Culex pipiens</i>	741	99.2%
<i>Culex tarsalis</i>	4	0.3%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	2	0.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	745	99.7%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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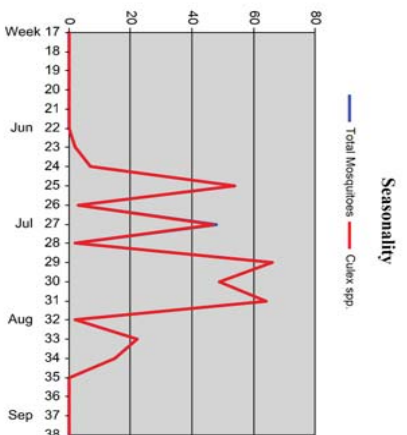
## FC-029gr: Bens Park

Season: 2013  
 Trap Type: Fossil Ridge Park on Fossil Creek Parkway  
 Location: N40° 30.680', W105° 4.310'  
 GPS: N40° 30.680', W105° 4.310'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 334  
 Average mosquitoes per trap/night: 26  
 Average Culex per trap/night: 26

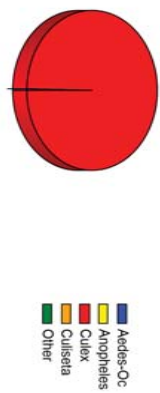
**Species collected and abundance:**

<i>Aedes vexans</i>	1	0.3%
<i>Culex pipiens</i>	333	99.7%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	1	0.3%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	333	99.7%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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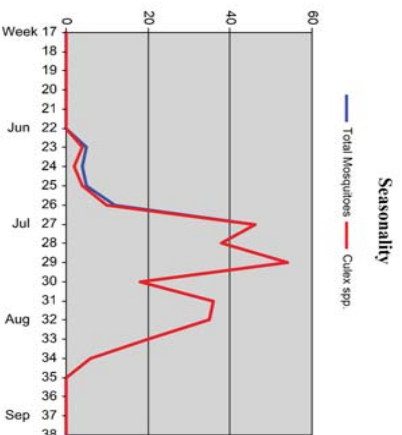
## FC-063gr: Red Fox Meadows FCNA

Season: 2013  
 Trap Type: Red Fox Meadows FCNA @ Heatheridge Apartment  
 Location: N40° 33.915', W105° 6.290'  
 GPS: N40° 33.915', W105° 6.290'

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 279  
 Average mosquitoes per trap/night: 21  
 Average Culex per trap/night: 21

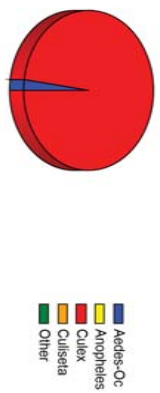
**Species collected and abundance:**

<i>Aedes vexans</i>	6	2.2%
<i>Culex pipiens</i>	268	96.1%
<i>Culex tarsalis</i>	5	1.8%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotanus</i>	6	2.2%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	273	97.8%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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## FC-066gr: Prospect Ponds @ Drake Water

Season: 2013

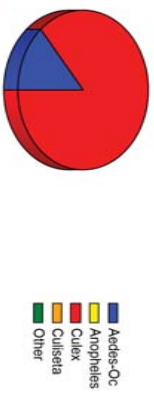
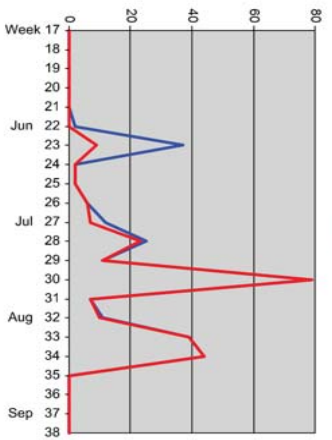
Seasonality

Trap Type: Prospect Ponds @ Drake Water Reclamation Facility  
 Location: N40° 33.520' N, W105° 1.360' W  
 GPS: N40° 33.520' N, W105° 1.360' W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 277  
 Average mosquitoes per trap/night: 21  
 Average Culex per trap/night: 18

### Species collected and abundance:

*Aedes (Oc) dorsalis* 6 2.2 %  
*Aedes (Oc) incrucipis* 1 0.4 %  
*Aedes vexans* 31 11.2 %  
*Culex pipiens* 234 84.5 %  
*Culex tarsalis* 5 1.8 %



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## FC-075gr: North Sage Creek Gravid

Season: 2013

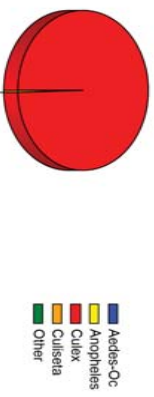
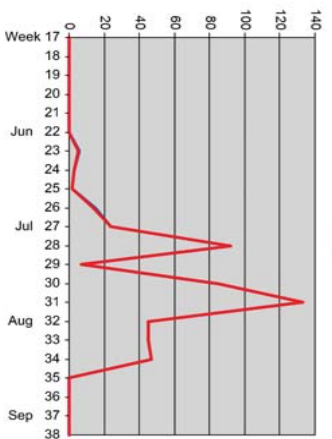
Seasonality

Trap Type: north of creek west of Ziegler  
 Location: N40° 30.687' N, W105° 1.222' W  
 GPS: N40° 30.687' N, W105° 1.222' W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 504  
 Average mosquitoes per trap/night: 39  
 Average Culex per trap/night: 39

### Species collected and abundance:

*Culex pipiens* 498 98.8 %  
*Culex tarsalis* 4 0.8 %  
*Culiseta inornata* 2 0.4 %



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## FC-089gr: English Ranch Park

Season: 2013

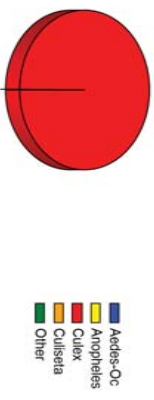
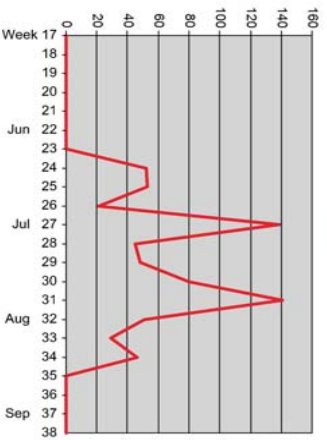
Seasonality

Trap Type: English Ranch Park at Caribou Dr  
 Location: 40°32.022' N, 105° 1.5475' W  
 GPS: 40°32.022' N, 105° 1.5475' W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 705  
 Average mosquitoes per trap/night: 54  
 Average Culex per trap/night: 54

### Species collected and abundance:

*Aedes vexans* 1 0.1 %  
*Culex pipiens* 563 79.9 %  
*Culex tarsalis* 141 20.0 %



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## FC-089gr: Kunz Ct and Brook Dr

Season: 2013

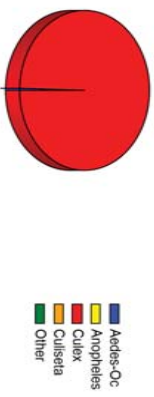
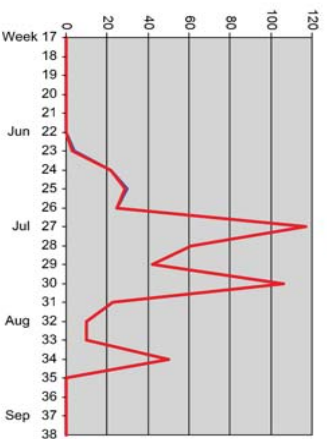
Seasonality

Trap Type: Dead end at Kunz Ct and Brook Dr  
 Location: 40°32.1076' N, 105° 6.302' W  
 GPS: 40°32.1076' N, 105° 6.302' W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 490  
 Average mosquitoes per trap/night: 38  
 Average Culex per trap/night: 38

### Species collected and abundance:

*Aedes vexans* 2 0.4 %  
*Culex pipiens* 486 99.2 %  
*Culex tarsalis* 2 0.4 %



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## FC-0909gr: Mountain Grandview Cemetery

Season: 2013

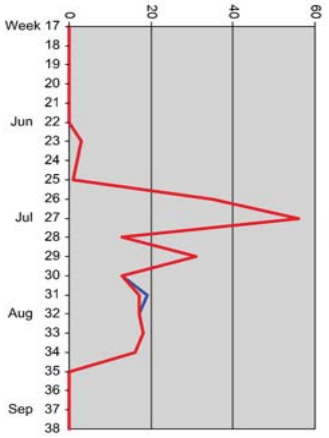
Seasonality

Trap Type: Ditch on SE end of Mountain Grandview Cemetery  
 Location: 40°35' 6.63 N, 105° 6' 37.06 W  
 GPS: 40°35' 6.63 N, 105° 6' 37.06 W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 224  
 Average mosquitoes per trap/night: 17  
 Average Culex per trap/night: 17

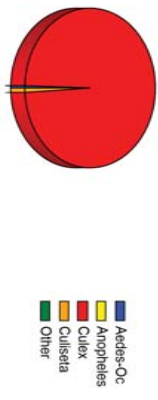
### Species collected and abundance:

*Aedes vexans* 1 0.4%  
*Culex pipiens* 220 98.2%  
*Culex tarsalis* 1 0.4%  
*Culiseta inornata* 2 0.9%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1	0.4%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	221	98.7%
<i>Culiseta</i>	2	0.9%
Other	0	0.0%



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## FC-092gr: Udall Natural Area

Season: 2013

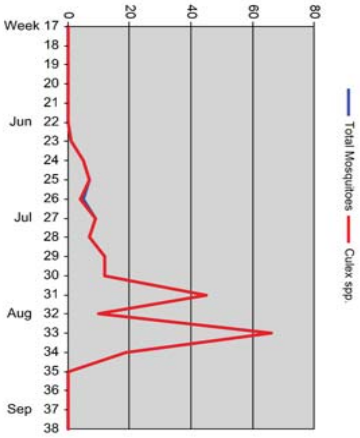
Seasonality

Trap Type: Along Poudre River on the east side of Udall Natur  
 Location: 40°35' 18.19 N, 105° 4' 9.63 W  
 GPS: 40°35' 18.19 N, 105° 4' 9.63 W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 198  
 Average mosquitoes per trap/night: 15  
 Average Culex per trap/night: 15

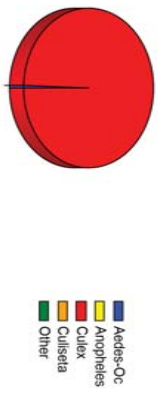
### Species collected and abundance:

*Aedes vexans* 1 0.5%  
*Culex pipiens* 195 98.3%  
*Culex spp.* 1 0.3%  
*Culex tarsalis* 1 0.3%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	1	0.5%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	197	99.5%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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## FC-091gr: PVH

Season: 2013

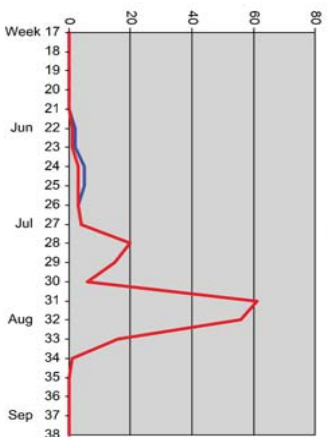
Seasonality

Trap Type: Parking lot on south side of PVH  
 Location: 40°34' 14.75 N, 105° 3' 15.75 W  
 GPS: 40°34' 14.75 N, 105° 3' 15.75 W

Total number of trap/nights set: 13  
 Total number of mosquitoes collected: 189  
 Average mosquitoes per trap/night: 15  
 Average Culex per trap/night: 14

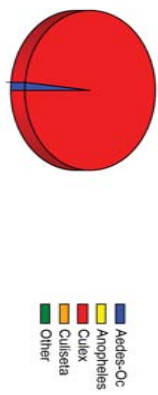
### Species collected and abundance:

*Aedes vexans* 3 1.6%  
*Culex pipiens* 186 98.4%



### Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	3	1.6%
<i>Anopheles</i>	0	0.0%
<i>Culex</i>	186	98.4%
<i>Culiseta</i>	0	0.0%
Other	0	0.0%



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# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-029gr	GRAVID	Larimer	06/06/2013	Bens Park	0	0	0	0	0	0
FC-029gr	GRAVID	Larimer	06/13/2013	Bens Park	0	0	2	0	0	2
FC-029gr	GRAVID	Larimer	06/20/2013	Bens Park	0	0	7	0	0	7
FC-029gr	GRAVID	Larimer	06/27/2013	Bens Park	0	0	54	0	0	54
FC-029gr	GRAVID	Larimer	07/03/2013	Bens Park	0	0	3	0	0	3
FC-029gr	GRAVID	Larimer	07/11/2013	Bens Park	1	0	47	0	0	48
FC-029gr	GRAVID	Larimer	07/18/2013	Bens Park	0	0	2	0	0	2
FC-029gr	GRAVID	Larimer	07/25/2013	Bens Park	0	0	66	0	0	66
FC-029gr	GRAVID	Larimer	08/01/2013	Bens Park	0	0	49	0	0	49
FC-029gr	GRAVID	Larimer	08/08/2013	Bens Park	0	0	64	0	0	64
FC-029gr	GRAVID	Larimer	08/15/2013	Bens Park	0	0	2	0	0	2
FC-029gr	GRAVID	Larimer	08/22/2013	Bens Park	0	0	22	0	0	22
FC-029gr	GRAVID	Larimer	08/29/2013	Bens Park	0	0	15	0	0	15
FC-040gr	GRAVID	Larimer	06/03/2013	Redwood	2	0	2	0	0	4
FC-040gr	GRAVID	Larimer	06/10/2013	Redwood	0	0	1	0	0	1
FC-040gr	GRAVID	Larimer	06/17/2013	Redwood	0	0	0	0	0	0
FC-040gr	GRAVID	Larimer	06/19/2013	Redwood	0	0	2	0	0	2
FC-040gr	GRAVID	Larimer	06/24/2013	Redwood	0	0	1	0	0	1
FC-040gr	GRAVID	Larimer	07/01/2013	Redwood	0	0	29	0	0	29
FC-040gr	GRAVID	Larimer	07/08/2013	Redwood	0	0	12	0	0	12
FC-040gr	GRAVID	Larimer	07/15/2013	Redwood	0	0	118	0	0	118
FC-040gr	GRAVID	Larimer	07/22/2013	Redwood	0	0	226	0	0	226
FC-040gr	GRAVID	Larimer	07/29/2013	Redwood	0	0	57	0	0	57
FC-040gr	GRAVID	Larimer	08/05/2013	Redwood	0	0	91	0	0	91
FC-040gr	GRAVID	Larimer	08/12/2013	Redwood	0	0	126	0	0	126
FC-040gr	GRAVID	Larimer	08/19/2013	Redwood	0	0	45	0	0	45
FC-040gr	GRAVID	Larimer	08/26/2013	Redwood	0	0	35	0	0	35
FC-063gr	GRAVID	Larimer	06/05/2013	Red Fox Meadows FCNA	0	0	0	0	0	0
FC-063gr	GRAVID	Larimer	06/12/2013	Red Fox Meadows FCNA	1	0	4	0	0	5
FC-063gr	GRAVID	Larimer	06/19/2013	Red Fox Meadows FCNA	2	0	2	0	0	4
FC-063gr	GRAVID	Larimer	06/26/2013	Red Fox Meadows FCNA	1	0	4	0	0	5
FC-063gr	GRAVID	Larimer	07/03/2013	Red Fox Meadows FCNA	2	0	10	0	0	12
FC-063gr	GRAVID	Larimer	07/10/2013	Red Fox Meadows FCNA	0	0	46	0	0	46
FC-063gr	GRAVID	Larimer	07/17/2013	Red Fox Meadows FCNA	0	0	38	0	0	38
FC-063gr	GRAVID	Larimer	07/24/2013	Red Fox Meadows FCNA	0	0	54	0	0	54
FC-063gr	GRAVID	Larimer	07/31/2013	Red Fox Meadows FCNA	0	0	18	0	0	18
FC-063gr	GRAVID	Larimer	08/07/2013	Red Fox Meadows FCNA	0	0	36	0	0	36
FC-063gr	GRAVID	Larimer	08/14/2013	Red Fox Meadows FCNA	0	0	35	0	0	35
FC-063gr	GRAVID	Larimer	08/23/2013	Red Fox Meadows FCNA	0	0	20	0	0	20
FC-063gr	GRAVID	Larimer	08/28/2013	Red Fox Meadows FCNA	0	0	6	0	0	6
FC-066gr	GRAVID	Larimer	06/04/2013	Prospect Ponds @ Drake	2	0	0	0	0	2
FC-066gr	GRAVID	Larimer	06/11/2013	Prospect Ponds @ Drake	28	0	9	0	0	37



# Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-066gr	GRAVID	Larimer	06/18/2013	Prospect Ponds @ Drake	0	0	2	0	0	2
FC-066gr	GRAVID	Larimer	06/25/2013	Prospect Ponds @ Drake	0	0	2	0	0	2
FC-066gr	GRAVID	Larimer	07/02/2013	Prospect Ponds @ Drake	0	0	6	0	0	6
FC-066gr	GRAVID	Larimer	07/09/2013	Prospect Ponds @ Drake	5	0	7	0	0	12
FC-066gr	GRAVID	Larimer	07/16/2013	Prospect Ponds @ Drake	2	0	23	0	0	25
FC-066gr	GRAVID	Larimer	07/25/2013	Prospect Ponds @ Drake	0	0	11	0	0	11
FC-066gr	GRAVID	Larimer	07/30/2013	Prospect Ponds @ Drake	0	0	79	0	0	79
FC-066gr	GRAVID	Larimer	08/06/2013	Prospect Ponds @ Drake	0	0	7	0	0	7
FC-066gr	GRAVID	Larimer	08/13/2013	Prospect Ponds @ Drake	1	0	10	0	0	11
FC-066gr	GRAVID	Larimer	08/19/2013	Prospect Ponds @ Drake	0	0	39	0	0	39
FC-066gr	GRAVID	Larimer	08/26/2013	Prospect Ponds @ Drake	0	0	44	0	0	44
FC-075gr	GRAVID	Larimer	06/04/2013	North Sage Creek Gravid	0	0	0	0	0	0
FC-075gr	GRAVID	Larimer	06/11/2013	North Sage Creek Gravid	0	0	5	1	0	6
FC-075gr	GRAVID	Larimer	06/18/2013	North Sage Creek Gravid	0	0	3	0	0	3
FC-075gr	GRAVID	Larimer	06/25/2013	North Sage Creek Gravid	0	0	2	0	0	2
FC-075gr	GRAVID	Larimer	07/02/2013	North Sage Creek Gravid	0	0	14	1	0	15
FC-075gr	GRAVID	Larimer	07/09/2013	North Sage Creek Gravid	0	0	24	0	0	24
FC-075gr	GRAVID	Larimer	07/16/2013	North Sage Creek Gravid	0	0	92	0	0	92
FC-075gr	GRAVID	Larimer	07/23/2013	North Sage Creek Gravid	0	0	7	0	0	7
FC-075gr	GRAVID	Larimer	07/30/2013	North Sage Creek Gravid	0	0	85	0	0	85
FC-075gr	GRAVID	Larimer	08/06/2013	North Sage Creek Gravid	0	0	133	0	0	133
FC-075gr	GRAVID	Larimer	08/13/2013	North Sage Creek Gravid	0	0	45	0	0	45
FC-075gr	GRAVID	Larimer	08/22/2013	North Sage Creek Gravid	0	0	45	0	0	45
FC-075gr	GRAVID	Larimer	08/27/2013	North Sage Creek Gravid	0	0	47	0	0	47
FC-088gr	GRAVID	Larimer	06/04/2013	English Ranch Park	0	0	0	0	0	0
FC-088gr	GRAVID	Larimer	06/11/2013	English Ranch Park	0	0	0	0	0	0
FC-088gr	GRAVID	Larimer	06/18/2013	English Ranch Park	0	0	52	0	0	52
FC-088gr	GRAVID	Larimer	06/25/2013	English Ranch Park	0	0	53	0	0	53
FC-088gr	GRAVID	Larimer	07/02/2013	English Ranch Park	0	0	21	0	0	21
FC-088gr	GRAVID	Larimer	07/09/2013	English Ranch Park	1	0	138	0	0	139
FC-088gr	GRAVID	Larimer	07/16/2013	English Ranch Park	0	0	45	0	0	45
FC-088gr	GRAVID	Larimer	07/23/2013	English Ranch Park	0	0	48	0	0	48
FC-088gr	GRAVID	Larimer	07/30/2013	English Ranch Park	0	0	80	0	0	80
FC-088gr	GRAVID	Larimer	08/06/2013	English Ranch Park	0	0	141	0	0	141
FC-088gr	GRAVID	Larimer	08/13/2013	English Ranch Park	0	0	51	0	0	51
FC-088gr	GRAVID	Larimer	08/22/2013	English Ranch Park	0	0	29	0	0	29
FC-088gr	GRAVID	Larimer	08/27/2013	English Ranch Park	0	0	46	0	0	46
FC-089gr	GRAVID	Larimer	06/06/2013	Kunz Ct and Brook Dr	0	0	0	0	0	0
FC-089gr	GRAVID	Larimer	06/13/2013	Kunz Ct and Brook Dr	1	0	3	0	0	4
FC-089gr	GRAVID	Larimer	06/20/2013	Kunz Ct and Brook Dr	0	0	22	0	0	22
FC-089gr	GRAVID	Larimer	06/27/2013	Kunz Ct and Brook Dr	1	0	29	0	0	30
FC-089gr	GRAVID	Larimer	07/03/2013	Kunz Ct and Brook Dr	0	0	25	0	0	25



# Adult Trap Data - Genus Summary

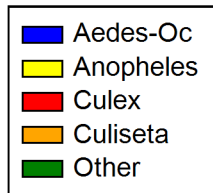
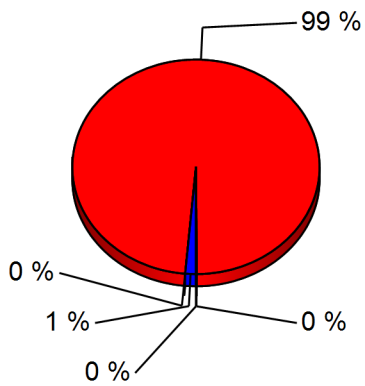
Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-089gr	GRAVID	Larimer	07/11/2013	Kunz Ct and Brook Dr	0	0	117	0	0	117
FC-089gr	GRAVID	Larimer	07/18/2013	Kunz Ct and Brook Dr	0	0	61	0	0	61
FC-089gr	GRAVID	Larimer	07/25/2013	Kunz Ct and Brook Dr	0	0	42	0	0	42
FC-089gr	GRAVID	Larimer	08/01/2013	Kunz Ct and Brook Dr	0	0	106	0	0	106
FC-089gr	GRAVID	Larimer	08/08/2013	Kunz Ct and Brook Dr	0	0	23	0	0	23
FC-089gr	GRAVID	Larimer	08/15/2013	Kunz Ct and Brook Dr	0	0	10	0	0	10
FC-089gr	GRAVID	Larimer	08/23/2013	Kunz Ct and Brook Dr	0	0	0	0	0	0
FC-089gr	GRAVID	Larimer	08/29/2013	Kunz Ct and Brook Dr	0	0	50	0	0	50
FC-090gr	GRAVID	Larimer	06/05/2013	Mountain Grandview Cem	0	0	0	0	0	0
FC-090gr	GRAVID	Larimer	06/12/2013	Mountain Grandview Cem	0	0	3	0	0	3
FC-090gr	GRAVID	Larimer	06/19/2013	Mountain Grandview Cem	0	0	2	0	0	2
FC-090gr	GRAVID	Larimer	06/26/2013	Mountain Grandview Cem	1	0	0	0	0	1
FC-090gr	GRAVID	Larimer	07/03/2013	Mountain Grandview Cem	0	0	35	0	0	35
FC-090gr	GRAVID	Larimer	07/10/2013	Mountain Grandview Cem	0	0	56	0	0	56
FC-090gr	GRAVID	Larimer	07/17/2013	Mountain Grandview Cem	0	0	13	0	0	13
FC-090gr	GRAVID	Larimer	07/24/2013	Mountain Grandview Cem	0	0	31	0	0	31
FC-090gr	GRAVID	Larimer	07/31/2013	Mountain Grandview Cem	0	0	13	0	0	13
FC-090gr	GRAVID	Larimer	08/07/2013	Mountain Grandview Cem	0	0	17	2	0	19
FC-090gr	GRAVID	Larimer	08/14/2013	Mountain Grandview Cem	0	0	17	0	0	17
FC-090gr	GRAVID	Larimer	08/23/2013	Mountain Grandview Cem	0	0	18	0	0	18
FC-090gr	GRAVID	Larimer	08/28/2013	Mountain Grandview Cem	0	0	16	0	0	16
FC-091gr	GRAVID	Larimer	06/03/2013	PVH	1	0	1	0	0	2
FC-091gr	GRAVID	Larimer	06/10/2013	PVH	0	0	0	0	0	0
FC-091gr	GRAVID	Larimer	06/17/2013	PVH	2	0	3	0	0	5
FC-091gr	GRAVID	Larimer	06/24/2013	PVH	0	0	0	0	0	0
FC-091gr	GRAVID	Larimer	07/01/2013	PVH	0	0	3	0	0	3
FC-091gr	GRAVID	Larimer	07/08/2013	PVH	0	0	4	0	0	4
FC-091gr	GRAVID	Larimer	07/15/2013	PVH	0	0	20	0	0	20
FC-091gr	GRAVID	Larimer	07/22/2013	PVH	0	0	15	0	0	15
FC-091gr	GRAVID	Larimer	07/29/2013	PVH	0	0	6	0	0	6
FC-091gr	GRAVID	Larimer	08/05/2013	PVH	0	0	61	0	0	61
FC-091gr	GRAVID	Larimer	08/12/2013	PVH	0	0	56	0	0	56
FC-091gr	GRAVID	Larimer	08/19/2013	PVH	0	0	16	0	0	16
FC-091gr	GRAVID	Larimer	08/26/2013	PVH	0	0	1	0	0	1
FC-092gr	GRAVID	Larimer	06/03/2013	Udall Natural Area	0	0	0	0	0	0
FC-092gr	GRAVID	Larimer	06/10/2013	Udall Natural Area	0	0	1	0	0	1
FC-092gr	GRAVID	Larimer	06/17/2013	Udall Natural Area	0	0	5	0	0	5
FC-092gr	GRAVID	Larimer	06/24/2013	Udall Natural Area	0	0	7	0	0	7
FC-092gr	GRAVID	Larimer	07/01/2013	Udall Natural Area	1	0	4	0	0	5
FC-092gr	GRAVID	Larimer	07/08/2013	Udall Natural Area	0	0	9	0	0	9
FC-092gr	GRAVID	Larimer	07/15/2013	Udall Natural Area	0	0	7	0	0	7
FC-092gr	GRAVID	Larimer	07/22/2013	Udall Natural Area	0	0	12	0	0	12





## Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-092gr	GRAVID	Larimer	07/29/2013	Udall Natural Area	0	0	12	0	0	12
FC-092gr	GRAVID	Larimer	08/05/2013	Udall Natural Area	0	0	45	0	0	45
FC-092gr	GRAVID	Larimer	08/12/2013	Udall Natural Area	0	0	10	0	0	10
FC-092gr	GRAVID	Larimer	08/19/2013	Udall Natural Area	0	0	66	0	0	66
FC-092gr	GRAVID	Larimer	08/26/2013	Udall Natural Area	0	0	19	0	0	19
					<b>55</b>		<b>3,888</b>		<b>0</b>	
						<b>0</b>		<b>4</b>		<b>3,947</b>



TOTAL	%
55	1 %
0	0 %
3,888	99 %
4	0 %
0	0 %



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-3859		Larimer					
	06/03/2013	FC-034	2	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>2</b>
CSU-3861		Larimer					
	06/03/2013	FC-036	4	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>4</b>
CSU-3864		Larimer					
	06/04/2013	FC-053	2	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>2</b>
CSU-3867		Larimer					
	06/04/2013	FC-066	5	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>5</b>
CSU-3883		Larimer					
	06/06/2013	FC-002	1	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>1</b>
CSU-4030		Larimer					
	06/25/2013	FC-031	26	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>26</b>
CSU-4091		Larimer					
	07/02/2013	FC-039	39	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>39</b>
CSU-4193		Larimer					
	07/09/2013	FC-004	40	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>40</b>
CSU-4209		Larimer					
	07/09/2013	FC-066	53	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>53</b>
CSU-4210		Larimer					
	07/09/2013	FC-066	11	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>11</b>
CSU-4234		Larimer					
	07/09/2013	FC-027	25	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>25</b>
CSU-4237		Larimer					
	07/09/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4247		Larimer					
	07/09/2013	FC-031	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4253		Larimer					
	07/09/2013	FC-046	41	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>41</b>
CSU-4285		Larimer					
	07/11/2013	FC-001	41	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>41</b>
CSU-4372		Larimer					
	07/16/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4377		Larimer					
	07/16/2013	FC-075	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4384		Larimer					
	07/16/2013	FC-075gr	50	Culex pipiens	GRAVID		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4385		Larimer					
	07/16/2013	FC-075gr	42	Culex pipiens	GRAVID		POSITIVE
						<b>Total in pool</b>	<b>42</b>
CSU-4395		Larimer					
	07/16/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4396		Larimer					
	07/16/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4399		Larimer					
	07/16/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4400		Larimer					
	07/16/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4407		Larimer					
	07/16/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4413		Larimer					
	07/16/2013	FC-064	50	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>50</b>
CSU-4439		Larimer					
	07/16/2013	FC-047	29	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>29</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4441		Larimer					
	07/16/2013	FC-059	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4450		Larimer					
	07/16/2013	FC-031	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4473		Larimer					
	07/17/2013	FC-041	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4474		Larimer					
	07/17/2013	FC-041	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4501		Larimer					
	07/18/2013	FC-054	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4507		Larimer					
	07/18/2013	FC-068	27	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>27</b>
CSU-4509		Larimer					
	07/18/2013	FC-057	41	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>41</b>
CSU-4515		Larimer					
	07/18/2013	FC-089gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4522		Larimer					
	07/18/2013	FC-029	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4523		Larimer					
	07/18/2013	FC-029	52	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>52</b>
CSU-4535		Larimer					
	07/22/2013	FC-072	39	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>39</b>
CSU-4543		Larimer					
	07/22/2013	FC-038	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4570		Larimer					
	07/22/2013	FC-034	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4592		Larimer					
	07/22/2013	FC-036	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4593		Larimer					
	07/22/2013	FC-036	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4598		Larimer					
	07/23/2013	FC-047	51	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>51</b>
CSU-4601		Larimer					
	07/23/2013	FC-031	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4606		Larimer					
	07/23/2013	FC-046	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4607		Larimer					
	07/23/2013	FC-046	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4614		Larimer					
	07/23/2013	FC-075	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4615		Larimer					
	07/23/2013	FC-075	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4616		Larimer					
	07/23/2013	FC-075	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4622		Larimer					
	07/23/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4624		Larimer					
	07/23/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4626		Larimer					
	07/23/2013	FC-039	10	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>10</b>
CSU-4629		Larimer					
	07/23/2013	FC-064	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4632		Larimer					
	07/23/2013	FC-059	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4639		Larimer					
	07/23/2013	FC-027	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4641		Larimer					
	07/23/2013	FC-027	39	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>39</b>
CSU-4642		Larimer					
	07/23/2013	FC-074	53	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>53</b>
CSU-4643		Larimer					
	07/23/2013	FC-023	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4684		Larimer					
	07/25/2013	FC-093	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4688		Larimer					
	07/25/2013	FC-057	11	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>11</b>
CSU-4689		Larimer					
	07/25/2013	FC-057	4	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>4</b>
CSU-4693		Larimer					
	07/25/2013	FC-029	42	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>42</b>
CSU-4700		Larimer					
	07/25/2013	FC-068	41	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>41</b>
CSU-4701		Larimer					
	07/25/2013	FC-068	4	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>4</b>
CSU-4702		Larimer					
	07/25/2013	FC-037	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4703		Larimer					
	07/25/2013	FC-037	20	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>20</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4713		Larimer					
	07/25/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4714		Larimer					
	07/25/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4759		Larimer					
	07/30/2013	FC-039	4	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>4</b>
CSU-4776		Larimer					
	07/30/2013	FC-014	19	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>19</b>
CSU-4781		Larimer					
	07/30/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4782		Larimer					
	07/30/2013	FC-053	29	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>29</b>
CSU-4788		Larimer					
	07/30/2013	FC-064	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4808		Larimer					
	07/30/2013	FC-031	13	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>13</b>
CSU-4812		Larimer					
	07/30/2013	FC-088gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4813		Larimer					
	07/30/2013	FC-088gr	29	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>29</b>
CSU-4838		Larimer					
	07/31/2013	FC-058	14	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>14</b>
CSU-4847		Larimer					
	08/01/2013	FC-029	57	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>57</b>
CSU-4854		Larimer					
	08/01/2013	FC-089gr	52	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>52</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4857		Larimer					
	08/01/2013	FC-029gr	49	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>49</b>
CSU-4858		Larimer					
	08/01/2013	FC-057	19	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>19</b>
CSU-4860		Larimer					
	08/01/2013	FC-037	56	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>56</b>
CSU-4862		Larimer					
	08/01/2013	FC-054	26	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>26</b>
CSU-4870		Larimer					
	08/05/2013	FC-006	32	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>32</b>
CSU-4875		Larimer					
	08/05/2013	FC-019	46	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>46</b>
CSU-4887		Larimer					
	08/05/2013	FC-092gr	45	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>45</b>
CSU-4899		Larimer					
	08/05/2013	FC-040	44	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>44</b>
CSU-4911		Larimer					
	08/06/2013	FC-039	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4912		Larimer					
	08/06/2013	FC-039	10	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>10</b>
CSU-4924		Larimer					
	08/06/2013	FC-075	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4927		Larimer					
	08/06/2013	FC-064	51	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>51</b>
CSU-4928		Larimer					
	08/06/2013	FC-064	51	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>51</b>





Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4929		Larimer					
	08/06/2013	FC-064	51	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>51</b>
CSU-4931		Larimer					
	08/06/2013	FC-075gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4932		Larimer					
	08/06/2013	FC-075gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4934		Larimer					
	08/06/2013	FC-074	25	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>25</b>
CSU-4936		Larimer					
	08/06/2013	FC-088gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4937		Larimer					
	08/06/2013	FC-088gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4946		Larimer					
	08/06/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4947		Larimer					
	08/06/2013	FC-053	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4950		Larimer					
	08/06/2013	FC-053	10	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>10</b>
CSU-4960		Larimer					
	08/06/2013	FC-023	52	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>52</b>
CSU-4964		Larimer					
	08/06/2013	FC-059	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4965		Larimer					
	08/06/2013	FC-059	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4967		Larimer					
	08/06/2013	FC-059	31	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>31</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-4974		Larimer					
	08/06/2013	FC-046	8	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>8</b>
CSU-4975		Larimer					
	08/06/2013	FC-066	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4978		Larimer					
	08/06/2013	FC-066	45	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>45</b>
CSU-4979		Larimer					
	08/06/2013	FC-031	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4981		Larimer					
	08/06/2013	FC-031	29	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>29</b>
CSU-4983		Larimer					
	08/06/2013	FC-014	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4989		Larimer					
	08/06/2013	FC-004	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-4991		Larimer					
	08/06/2013	FC-004	1	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>1</b>
CSU-5001		Larimer					
	08/07/2013	FC-011	41	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>41</b>
CSU-5003		Larimer					
	08/07/2013	FC-061	7	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>7</b>
CSU-5004		Larimer					
	08/07/2013	FC-063gr	36	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>36</b>
CSU-5005		Larimer					
	08/07/2013	FC-041	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-5032		Larimer					
	08/08/2013	FC-093	22	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>22</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-5039		Larimer					
	08/08/2013	FC-071	4	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>4</b>
CSU-5049		Larimer					
	08/12/2013	FC-006	4	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>4</b>
CSU-5051		Larimer					
	08/12/2013	FC-019	22	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>22</b>
CSU-5059		Larimer					
	08/12/2013	FC-038	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-5063		Larimer					
	08/12/2013	FC-040	26	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>26</b>
CSU-5070		Larimer					
	08/12/2013	FC-069	9	Culex spp.	LIGHT		POSITIVE
<b>Total in pool</b>							<b>9</b>
CSU-5071		Larimer					
	08/12/2013	FC-073	19	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>19</b>
CSU-5073		Larimer					
	08/12/2013	FC-072	44	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>44</b>
CSU-5076		Larimer					
	08/12/2013	FC-092gr	10	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>10</b>
CSU-5078		Larimer					
	08/13/2013	FC-031	10	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>10</b>
CSU-5108		Larimer					
	08/13/2013	FC-067	27	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>27</b>
CSU-5111		Larimer					
	08/13/2013	FC-053	45	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>45</b>
CSU-5142		Larimer					
	08/14/2013	FC-049	7	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>7</b>



Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-5162		Larimer					
	08/15/2013	FC-093	15	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>15</b>
CSU-5193		Larimer					
	08/19/2013	FC-061	28	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>28</b>
CSU-5198		Larimer					
	08/19/2013	FC-040	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-5200		Larimer					
	08/19/2013	FC-066gr	39	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>39</b>
CSU-5201		Larimer					
	08/19/2013	FC-092gr	50	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-5210		Larimer					
	08/19/2013	FC-014	26	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>26</b>
CSU-5266		Larimer					
	08/22/2013	FC-075gr	45	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>45</b>
CSU-5268		Larimer					
	08/22/2013	FC-088gr	29	Culex pipiens	GRAVID		POSITIVE
<b>Total in pool</b>							<b>29</b>
CSU-5269		Larimer					
	08/22/2013	FC-004	32	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>32</b>
CSU-5271		Larimer					
	08/22/2013	FC-027	49	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>49</b>
CSU-5274		Larimer					
	08/22/2013	FC-050	50	Culex tarsalis	LIGHT		POSITIVE
<b>Total in pool</b>							<b>50</b>
CSU-5284		Larimer					
	08/23/2013	FC-071	1	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>1</b>
CSU-5297		Larimer					
	08/23/2013	FC-049	3	Culex pipiens	LIGHT		POSITIVE
<b>Total in pool</b>							<b>3</b>



Colorado Mosquito Control, Inc.

## Mosquito Pool Testing

Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-5308		Larimer					
	08/26/2013	FC-014	21	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>21</b>
CSU-5313		Larimer					
	08/26/2013	FC-038	44	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>44</b>
CSU-5320		Larimer					
	08/26/2013	FC-006	9	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>9</b>
CSU-5325		Larimer					
	08/26/2013	FC-072	6	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>6</b>
CSU-5349		Larimer					
	08/27/2013	FC-059	12	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>12</b>
CSU-5358		Larimer					
	08/27/2013	FC-075	48	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>48</b>
CSU-5359		Larimer					
	08/27/2013	FC-075	7	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>7</b>
CSU-5360		Larimer					
	08/27/2013	FC-075gr	47	Culex pipiens	GRAVID		POSITIVE
						<b>Total in pool</b>	<b>47</b>
CSU-5361		Larimer					
	08/27/2013	FC-088gr	46	Culex pipiens	GRAVID		POSITIVE
						<b>Total in pool</b>	<b>46</b>
CSU-5368		Larimer					
	08/28/2013	FC-049	5	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>5</b>
CSU-5369		Larimer					
	08/28/2013	FC-049	12	Culex pipiens	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>12</b>
CSU-5384		Larimer					
	08/29/2013	FC-029gr	15	Culex pipiens	GRAVID		POSITIVE
						<b>Total in pool</b>	<b>15</b>
CSU-5385		Larimer					
	08/29/2013	FC-037	2	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>2</b>



Colorado Mosquito Control, Inc.

# Mosquito Pool Testing

Sample	Collection	Trap	Quantity	Species	Type	Notes	Results
CSU-5386		Larimer					
	08/29/2013	FC-054	2	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>2</b>
CSU-5392		Larimer					
	08/29/2013	FC-093	2	Culex tarsalis	LIGHT		POSITIVE
						<b>Total in pool</b>	<b>2</b>



Customer	Subdiv/Area	Material	Start Time	End Time	Miles
<b>Fort Collins, City of</b>					
<b>Truck ULV</b>					
08/14/2013	FC 03 WNV EMERGENCY	Aqualuer	22:26:00	23:13:00	9.4
08/14/2013	FC 10 WNV EMERGENCY	Aqualuer	22:08:00	22:51:00	9.2
08/14/2013	FC 09 WNV EMERGENCY	Aqualuer	21:34:00	22:01:00	6.1
08/14/2013	FC 07 WNV EMERGENCY	Aqualuer	20:43:00	21:24:00	7.7
08/14/2013	FC 05 WNV EMERGENCY	Aqualuer	23:09:00	23:59:00	10.2
08/14/2013	FC 02 WNV EMERGENCY	Aqualuer	21:29:00	22:21:00	8.2
08/14/2013	FC 01 WNV EMERGENCY	Aqualuer	20:41:00	21:14:00	6.7
08/14/2013	FC 14 WNV EMERGENCY	Evoluer	20:42:00	21:10:00	4.9
08/14/2013	FC 12 WNV EMERGENCY	Evoluer	22:38:00	23:14:00	7.4
08/14/2013	FC 06 WNV EMERGENCY	Aqualuer	22:00:00	23:03:00	9.2
08/15/2013	FC 13 WNV EMERGENCY	Aqualuer	00:53:00	01:12:00	4.0
08/15/2013	FC 60 WNV EMERGENCY	Aqualuer	20:04:00	20:31:00	6.0
08/15/2013	FC 63 WNV EMERGENCY	Aqualuer	22:30:00	23:39:00	19.0
08/15/2013	FC 11 WNV EMERGENCY	Evoluer	00:17:00	01:08:00	9.6
08/15/2013	FC POWDRE BIKE TRAIL WNV E	Aqualuer	01:15:00	01:38:00	4.6
08/15/2013	FC 18 WNV EMERGENCY	Aqualuer	23:01:00	23:54:00	12.0
08/15/2013	FC 17 WNV EMERGENCY	Aqualuer	22:09:00	22:55:00	8.0
08/15/2013	FC 16 WNV EMERGENCY	Aqualuer	21:19:00	22:06:00	10.0
08/15/2013	FC 15 WNV EMERGENCY	Aqualuer	20:28:00	21:08:00	10.0
08/15/2013	FC 64 WNV EMERGENCY	Aqualuer	20:15:00	21:30:00	19.0
08/15/2013	FC 04 WNV EMERGENCY	Aqualuer	00:23:00	00:45:00	5.0
08/15/2013	FC 40 WNV EMERGENCY	Aqualuer	20:55:00	22:00:00	12.8
08/15/2013	FC 30 WNV EMERGENCY	Aqualuer	20:10:00	20:45:00	6.6
08/15/2013	FC 21 WNV EMERGENCY	Aqualuer	22:00:00	22:55:00	10.0
08/15/2013	FC 20 WNV EMERGENCY	Aqualuer	22:55:00	00:00:00	11.0
08/15/2013	FC 48 WNV EMERGENCY	Aqualuer	23:11:00	23:51:00	7.1
08/15/2013	FC 47 WNV EMERGENCY	Aqualuer	22:10:00	23:04:00	10.2
08/15/2013	FC 28 WNV EMERGENCY	Aqualuer	20:00:00	20:50:00	10.0
08/15/2013	FC 27 WNV EMERGENCY	Aqualuer	20:55:00	21:55:00	10.0
08/15/2013	FC 34 WNV EMERGENCY	Aqualuer	21:57:00	22:51:00	10.6
08/15/2013	FC 33 WNV EMERGENCY	Aqualuer	20:37:00	21:56:00	6.4
08/15/2013	FC 62 WNV EMERGENCY	Aqualuer	22:50:00	23:56:00	14.1
08/15/2013	FC 57 WNV EMERGENCY	Aqualuer	21:52:00	22:33:00	9.1
08/15/2013	FC 56 WNV EMERGENCY	Aqualuer	20:32:00	21:45:00	13.5
08/15/2013	FC 60 WNV EMERGENCY	Aqualuer	12:00:00	12:00:00	0.0
08/15/2013	FC 55 WNV EMERGENCY	Aqualuer	12:00:00	12:00:00	0.0
08/15/2013	FC 46 WNV EMERGENCY	Aqualuer	22:01:00	22:50:00	9.0
08/15/2013	FC 45 WNV EMERGENCY	Aqualuer	21:00:00	22:00:00	13.0
08/15/2013	FC 44 WNV EMERGENCY	Aqualuer	20:23:00	20:59:00	7.2
08/15/2013	FC 43 WNV EMERGENCY	Aqualuer	21:24:00	21:58:00	7.5



# Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles
08/15/2013	FC 42 WNV EMERGENCY	Aqualuer	22:52:00	23:40:00	11.5
08/15/2013	FC 36 WNV EMERGENCY	Aqualuer	22:25:00	23:17:00	11.1
08/15/2013	FC 54 WNV EMERGENCY	Aqualuer	22:50:00	23:20:00	9.0
08/15/2013	FC 08 WNV EMERGENCY	Evoluer	23:26:00	00:04:00	7.8
08/16/2013	FC 53 WNV EMERGENCY	Aqualuer	23:20:00	00:45:00	11.0
08/16/2013	FC 35 WNV EMERGENCY	Aqualuer	23:33:00	00:19:00	10.0
08/16/2013	FC 38 WNV EMERGENCY	Aqualuer	00:43:00	01:15:00	5.1
08/16/2013	FC 10 SOUTH MULBERRY WNV	Aqualuer	12:55:00	01:40:00	5.1
08/16/2013	FC 37 WNV EMERGENCY	Aqualuer	01:28:00	02:03:00	7.2
08/16/2013	FC 25 WNV EMERGENCY	Aqualuer	01:43:00	02:10:00	13.8
08/16/2013	FC 51 WNV EMERGENCY	Aqualuer	23:51:00	00:40:00	10.7
08/16/2013	FC 58 WNV EMERGENCY	Aqualuer	01:50:00	02:22:00	9.0
08/16/2013	FC 53 WNV EMERGENCY	Aqualuer	01:05:00	01:14:00	1.5
08/16/2013	FC 55 WNV EMERGENCY	Aqualuer	01:06:00	01:40:00	9.0
08/16/2013	FC 49 WNV EMERGENCY	Aqualuer	23:47:00	00:20:00	8.0
08/16/2013	FC 24 WNV EMERGENCY	Aqualuer	00:57:00	01:40:00	10.6
08/16/2013	FC 23 WNV EMERGENCY	Aqualuer	23:49:00	00:54:00	15.5
08/16/2013	FC 61 WNV EMERGENCY	Aqualuer	00:08:00	00:51:00	8.4
08/16/2013	FC 59 WNV EMERGENCY	Aqualuer	01:27:00	01:55:00	7.1
08/16/2013	FC 29 WNV EMERGENCY	Aqualuer	01:05:00	01:55:00	10.0
08/16/2013	FC 19 WNV EMERGENCY	Aqualuer	00:05:00	00:55:00	9.0
08/16/2013	FC 39 WNV EMERGENCY	Aqualuer	00:00:00	01:06:00	13.3
08/16/2013	FC POUUDRE BIKE TRAIL WNV E	Aqualuer	01:16:00	01:41:00	4.0
08/16/2013	FC 52 WNV EMERGENCY	Aqualuer	01:13:00	01:54:00	7.9
08/16/2013	FC 26 WNV EMERGENCY	Aqualuer	23:59:00	01:00:00	11.0
08/16/2013	FC 50 WNV EMERGENCY	Aqualuer	01:15:00	02:20:00	7.0
08/16/2013	FC 32 WNV EMERGENCY	Aqualuer	01:05:00	01:44:00	9.0
08/19/2013	FC 02 WNV EMERGENCY	Aqualuer	21:44:00	22:16:00	7.8
08/19/2013	FC 01 WNV EMERGENCY	Aqualuer	20:59:00	21:28:00	6.7
08/19/2013	FC 03 WNV EMERGENCY	Aqualuer	22:22:00	22:54:00	7.7
08/19/2013	FC 10 WNV EMERGENCY	Aqualuer	21:17:00	21:58:00	8.2
08/19/2013	FC 08 WNV EMERGENCY	Aqualuer	21:20:00	22:16:00	9.0
08/19/2013	FC 07 WNV EMERGENCY	Aqualuer	20:01:00	20:42:00	8.2
08/19/2013	FC 06 WNV EMERGENCY	Aqualuer	22:55:00	23:54:00	12.1
08/19/2013	FC 05 WNV EMERGENCY	Aqualuer	20:35:00	21:10:00	6.0
08/19/2013	FC 04 WNV EMERGENCY	Aqualuer	21:43:00	22:43:00	8.7
08/19/2013	FC POUUDRE BIKE TRAIL WNV E	Aqualuer	00:26:00	00:51:00	4.1
08/19/2013	FC 14 WNV EMERGENCY	Aqualuer	20:21:00	20:48:00	3.0
08/19/2013	FC 12 WNV EMERGENCY	Aqualuer	22:34:00	23:11:00	7.0
08/19/2013	FC 09 WNV EMERGENCY	Aqualuer	20:48:00	21:12:00	5.8
08/20/2013	FC 13 WNV EMERGENCY	Aqualuer	23:59:00	00:22:00	4.5
08/20/2013	FC 64 WNV EMERGENCY	Aqualuer	20:25:00	22:25:00	23.0





# Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles
08/20/2013	FC 49 WNV EMERGENCY	Aqualuer	22:01:00	22:40:00	8.0
08/20/2013	FC 62 WNV EMERGENCY	Aqualuer	20:25:00	21:46:00	15.2
08/20/2013	FC 17 WNV EMERGENCY	Aqualuer	22:36:00	23:26:00	9.0
08/20/2013	FC 16 WNV EMERGENCY	Aqualuer	21:44:00	22:29:00	8.0
08/20/2013	FC 15 WNV EMERGENCY	Aqualuer	20:40:00	21:41:00	10.0
08/20/2013	FC 45 WNV EMERGENCY	Aqualuer	23:22:00	23:55:00	7.3
08/20/2013	FC 44 WNV EMERGENCY	Aqualuer	20:09:00	20:43:00	7.4
08/20/2013	FC 43 WNV EMERGENCY	Aqualuer	20:44:00	21:24:00	9.0
08/20/2013	FC 36 WNV EMERGENCY	Aqualuer	21:28:00	22:10:00	10.3
08/20/2013	FC 35 WNV EMERGENCY	Aqualuer	22:35:00	23:15:00	8.8
08/20/2013	FC 20 WNV EMERGENCY	Aqualuer	23:00:00	23:55:00	11.0
08/20/2013	FC 27 WNV EMERGENCY	Aqualuer	21:10:00	21:55:00	10.0
08/20/2013	FC 37 WNV EMERGENCY	Aqualuer	23:11:00	23:54:00	10.0
08/20/2013	FC 28 WNV EMERGENCY	Aqualuer	20:00:00	21:00:00	12.0
08/20/2013	FC 21 WNV EMERGENCY	Aqualuer	22:05:00	22:55:00	10.0
08/20/2013	FC 60 WNV EMERGENCY	Aqualuer	22:42:00	23:28:00	9.0
08/20/2013	FC 58 WNV EMERGENCY	Aqualuer	20:31:00	21:23:00	11.0
08/20/2013	FC 59 WNV EMERGENCY MOBI	Aqualuer	20:24:00	20:30:00	1.0
08/20/2013	FC 57 WNV EMERGENCY	Aqualuer	21:51:00	22:44:00	10.6
08/20/2013	FC 55 WNV EMERGENCY	Evoluer	22:19:00	23:05:00	7.7
08/20/2013	FC 54 WNV EMERGENCY	Aqualuer	21:38:00	22:25:00	11.0
08/20/2013	FC 53 WNV EMERGENCY	Evoluer	00:26:00	01:14:00	9.8
08/20/2013	FC 42 WNV EMERGENCY	Aqualuer	22:05:00	23:14:00	19.1
08/20/2013	FC 34 WNV EMERGENCY	Aqualuer	21:06:00	22:04:00	15.0
08/20/2013	FC 33 WNV EMERGENCY	Aqualuer	20:16:00	21:03:00	11.4
08/20/2013	FC 29 WNV EMERGENCY	Evoluer	20:19:00	22:05:00	11.5
08/20/2013	FC 11 WNV EMERGENCY	Aqualuer	23:25:00	00:46:00	13.0
08/20/2013	FC 47 WNV EMERGENCY	Aqualuer	23:09:00	23:46:00	7.0
08/20/2013	FC 40 WNV EMERGENCY	Aqualuer	22:03:00	23:00:00	12.0
08/20/2013	FC 32 WNV EMERGENCY	Aqualuer	22:30:00	23:29:00	13.3
08/20/2013	FC 30 WNV EMERGENCY	Aqualuer	20:25:00	21:54:00	8.0
08/20/2013	FC 24 WNV EMERGENCY	Aqualuer	21:33:00	22:25:00	11.9
08/20/2013	FC 23 WNV EMERGENCY	Aqualuer	20:05:00	21:29:00	18.2
08/21/2013	FC 48 WNV EMERGENCY	Aqualuer	23:54:00	01:06:00	10.0
08/21/2013	FC 22 WNV EMERGENCY	Aqualuer	02:05:00	02:16:00	1.2
08/21/2013	FC 25 WNV EMERGENCY	Aqualuer	00:09:00	01:24:00	16.2
08/21/2013	FC 52 WNV EMERGENCY	Evoluer	23:21:00	00:19:00	10.3
08/21/2013	FC 63 WNV EMERGENCY	Aqualuer	23:15:00	00:32:00	18.0
08/21/2013	FC 61 WNV EMERGENCY	Aqualuer	00:11:00	01:00:00	9.5
08/21/2013	FC 56 WNV EMERGENCY	Aqualuer	22:51:00	00:05:00	15.1
08/21/2013	FC 10 SOUTH MULBERRY WNV	Aqualuer	23:22:00	00:04:00	5.1
08/21/2013	FC 51 WNV EMERGENCY	Aqualuer	01:00:00	01:58:00	14.0



# Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles	
08/21/2013	FC 59 WNV EMERGENCY	Aqualuer	23:35:00	00:31:00	14.0	
08/21/2013	FC 18 WNV EMERGENCY	Aqualuer	23:40:00	00:52:00	11.0	
08/21/2013	FC 39 WNV EMERGENCY	Aqualuer	01:12:00	01:57:00	3.0	
08/21/2013	FC 46 WNV EMERGENCY	Aqualuer	00:00:00	00:41:00	9.9	
08/21/2013	FC 26 WNV EMERGENCY	Aqualuer	00:55:00	01:42:00	10.0	
08/21/2013	FC 19 WNV EMERGENCY	Aqualuer	00:00:00	00:50:00	8.0	
08/21/2013	SPRING CREEK/ POU DRE WNV	Aqualuer	01:25:00	02:03:00	9.9	
08/21/2013	FC 53 WNV EMERGENCY	Evoluer	00:26:00	01:14:00	9.8	
08/21/2013	FC 39 WNV EMERGENCY	Aqualuer	00:56:00	01:41:00	10.0	
08/21/2013	FC 38 WNV EMERGENCY	Aqualuer	23:55:00	00:24:00	7.0	
08/21/2013	FC 50 WNV EMERGENCY	Aqualuer	01:00:00	01:46:00	10.0	
<b>Truck ULV</b>					<b>Sum</b>	<b>1267.2</b>
					<b>Avg</b>	<b>9.4</b>
					<b>Min</b>	<b>0.0</b>
					<b>Max</b>	<b>23.0</b>
					<b>Grand Total</b>	<b>1267.2</b>