2009 Annual Report
Larimer County Cooperative Mosquito Control Program
City of Fort Collins

October 2009

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On The Cover:

“Rain, rain and more rain” – The summer of 2009 will be remembered as one of the wettest on record, and with heavy rain comes heavy mosquito populations.

A cool and very wet June...June was the wettest month of the summer with a total of 4.86 inches reported at DIA. Much higher numbers were reported in other localized areas. This was the second wettest June since record keeping began in 1872. The normal June precipitation in June for Denver is 1.45 inches.

Fortunately cool temperatures slow larval mosquito development and aid in control efforts. The average temperature of 64.4 degrees was 3.2 degrees below normal for the month. This was the first June since 2003 with no 90 degree days. This fact, along with higher than normal Culex mosquito populations led to speculation that 2009 had the potential for an outbreak of West Nile virus which fortunately did not develop.

Besides being cool and wet; June was an active weather month as well with nearly double the normal number of days with thunderstorms (18 vs. 10 normally). 15 days with measurable precipitation; normal is 9 days and 6 days with dense fog, normal is less than one. Additionally, the normal percent sunshine for June is 70 percent; June 2009 was 51%

Colorado Mosquito Control, Inc.

LARIMER COUNTY COOPERATIVE MOSQUITO CONTROL PROGRAM CITY OF FORT COLLINS ANNUAL REPORT 2009

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MOSQUITO MANAGEMENT PROGRAM
MISSION STATEMENT

The City of Fort Collins Mosquito Management Program completed its 6th year of cost effective Integrated Mosquito Management operations in 2009. Many communities across Colorado recognize the need to control mosquito annoyances and the risk of mosquito-borne disease associated with flood irrigation practices, urban development, and snow melt runoff. Integrated mosquito management operations that utilize environmentally-sensitive controls and new technologies can greatly enhance the outdoor experience without negatively impacting the environment.

The primary objective of the City of Fort Collins Mosquito Management Program is to employ trained field technicians to suppress populations of larval mosquitoes in aquatic habitats. CMC technicians utilize bacterial larvicides that reduce mosquito populations without harming non-target organisms. Additionally, the monitoring of adult mosquito populations is an essential component of an Integrated Mosquito Management (IMM) program. Surveillance trapping performed in the City of Fort Collins provides data used to assess West Nile Virus risk. The data for mosquito infection rates and vector populations is used to determine the risk of Human West Nile infections and the possible need for adult mosquito control measures. Data driven response with mosquito adulticide ULV technology can reduce the threat of disease transmission and annoyance associated with mosquitoes, while reducing the necessity for large amounts of products to be applied.

CMC OBJECTIVES

The City of Fort Collins Mosquito Management Program, operated by CMC, has developed into one of the foremost environmentally sensitive and data driven integrated mosquito management programs in the United States. Additionally, CMC has fostered cooperative efforts for mosquito control and epizootic response between surrounding municipalities and Homeowners Associations, The Centers for Disease Control (CDC) Vector-Borne Disease unit in Fort Collins, The Colorado Division of Wildlife, local County Open Space Departments, The Colorado Department of Health and Environment (CDPHE), and Colorado State University (CSU) to respond to West Nile Virus risk. Data obtained from CMC is utilized by these entities when evaluating the disease risks associated with spikes in mosquito abundance. This public-private data-sharing partnership in the interest of public health is unrivaled elsewhere in the country.

CONTRACTOR COMMITMENT

Colorado Mosquito Control, Inc. (CMC) is a large-scale contractor specializing in complete integrated mosquito control services. CMC utilizes an aggressive preemptive Integrated Pest Management (IPM) approach to controlling mosquito populations within contracted areas. CMC was established in 1986, is the largest private company specializing in mosquito control in Colorado, and is the only company in Colorado offering complete IPM mosquito control services.

CMC currently has programs across the state of Colorado including: Homeowners Associations, Incorporated Towns, Cities and Counties, and Indian Reservations. Geographically, CMC reaches from the Ute Mountain Ute Reservation in the southwest corner of the state to Fort Morgan in northeastern Colorado. CMC has programs in several mountain areas including the Gunnison Valley, the I-70 corridor through Garfield County, and parts of the upper Colorado River valley.

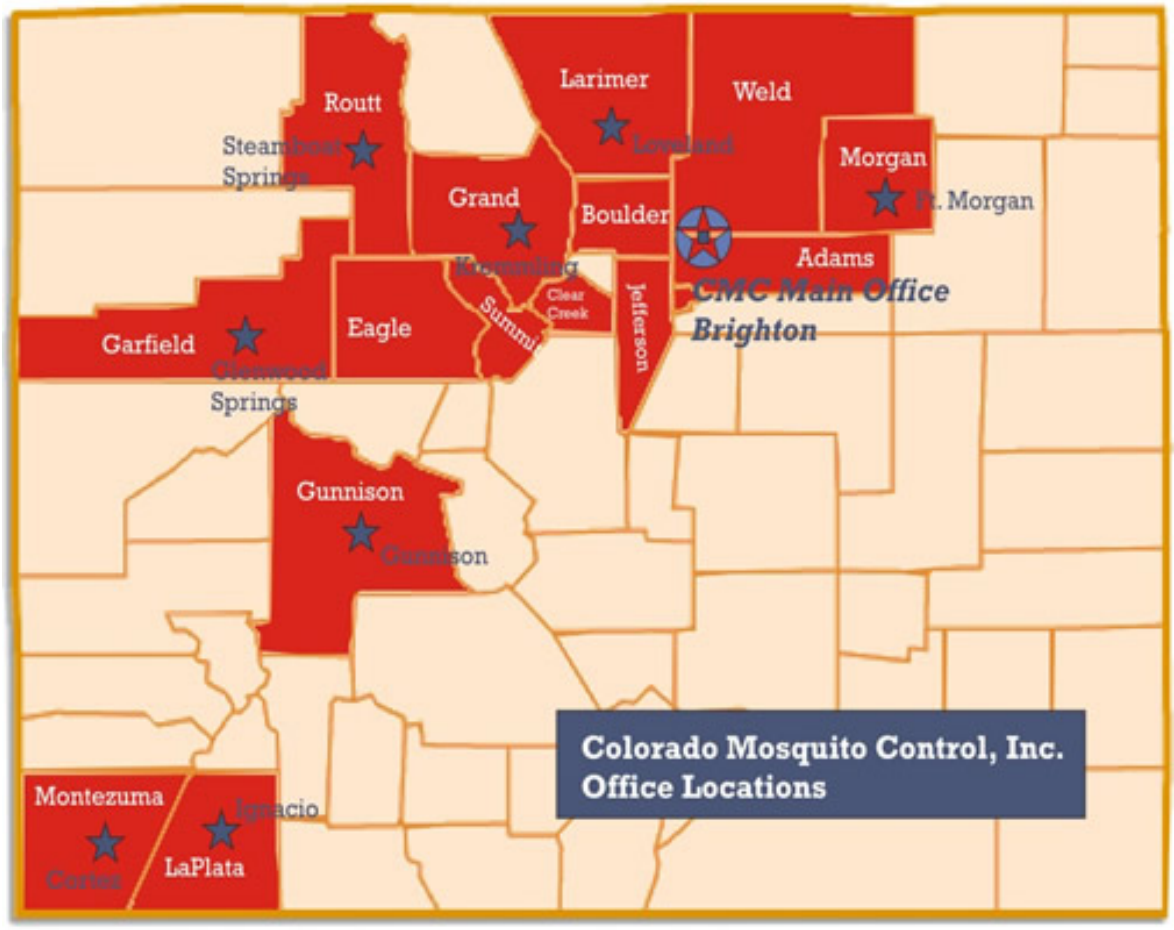
With 8 years of experience monitoring West Nile Virus in Colorado, it is clear that limiting exposure to mosquito bites is the best way to reduce the risk of disease. A well-developed mosquito management operation is only part of the picture, and CMC also emphasizes the need for personal action and protection through our educational outreach programs. *Culex tarsalis*, our primary WNV vector in the state, is more abundant today than in the past, due to current land use practices. CMC is committed to providing top quality service, via education outreach and data driven management, in an effort to minimize West Nile Virus risk and reduce mosquito annoyance in the communities where we operate and also live.

Colorado Mosquito Control, Inc. as the contractor for the City of Fort Collins Mosquito Control Program uses demonstrated scientific integrated pest management (IPM) methods of survey, inspection, diagnosis, biological/biochemical controls, natural enemies and limited low-toxicity pesticide applications to professionally accomplish desired control results. All of the methods and materials used have been sanctioned and registered by the U.S. EPA, Centers for Disease Control, the Colorado Department of Agriculture and the American Mosquito Control Association.

Cooperating Entities

As one of many Front Range communities dealing with West Nile Virus (WNV) on an annual basis, our understanding of WNV has grown significantly since its arrival in the area during 2002. Our residents, native and migratory birds, and local vector mosquitoes face the annual risk of becoming infected with this disease that is now considered to be endemic – West Nile Virus is here to stay. However, the severity of the disease varies from season to season, in large part due to the variable weather patterns of the Colorado Front Range.

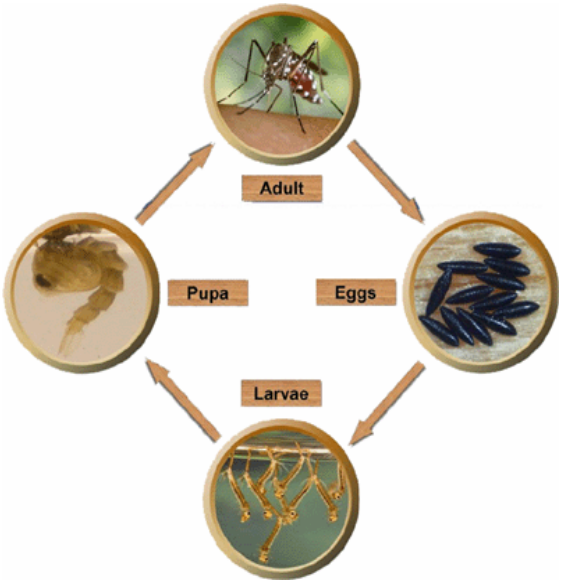
CMC operates in many cities and counties along the Front Range. In doing so, we are on the frontline when developing best management practices specifically tailored to the conditions found in these Colorado communities. The experience obtained by CMC, municipal officials, county health departments and operational divisions monitoring West Nile Virus have laid the foundation for emergency response plans. This knowledge base, derived through cooperative data sharing, has put in place the tools needed to manage potential future mosquito-borne disease outbreaks.



2009 SEASON PERSPECTIVE

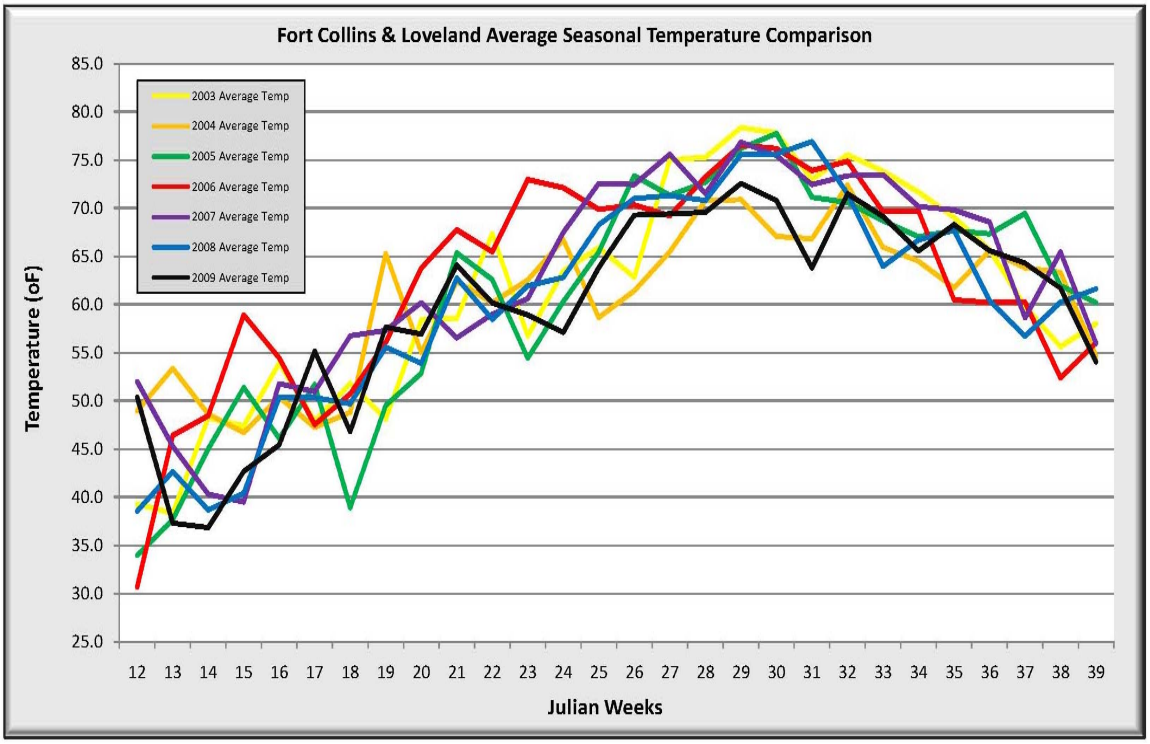
The higher-than-normal levels of precipitation during the 2009 season replenished the water table to levels not seen in years for many areas along the Front Range. Rainfall totals remained above average for a majority of the 2009 mosquito season. Although most of the rainfall occurred in early April and June, additional weekly rainfall created numerous larval mosquito habitats and kept things green throughout the season.

With the excess moisture came a corresponding above-average workload for larval mosquito control activities, due to the flushing and refilling of aquatic habitats on a regular basis. In general, many reservoirs and ditches remained full for a large portion of the summer, because irrigation water was not moved as quickly. Many grassy edges and inlets to reservoirs were consistently producing mosquito larvae throughout most of the season. Working with local farmers to understand and recognize the patterns of agricultural irrigation continues to be one of CMC's ongoing priorities.



Mosquito populations in the first part of the 2009 season consisted of primarily *Aedes spp.*, known as "floodwater" mosquitoes as their eggs hatch in response to rising water levels resulting from rainfall and/or irrigation. Adult *Culex* mosquito populations spiked in mid-July, as they require standing water to lay their eggs in. Overall, vector mosquitoes comprised about 50-75% of mosquito collections during July and August, remaining in line with historical averages. This scenario could have played out much differently had the median temperature during early spring been warmer, as occurred in 2003 when the vector *Culex* mosquitoes had an early population spike. 2009 was different in that we had similar moisture levels, but without the corresponding high temperatures of the 2003 "WNV epidemic" season.

The first West Nile Virus infected mosquitoes were detected in Weld County on July 10, Boulder County on July 13, and Larimer County on July 14. West Nile infection rates in mosquitoes remained below epidemic years and the Colorado Department of Health and Environment (CDPHE) ceased WN testing of mosquitoes on August 14. Dip counts for larval mosquitoes slowed into late August. By the first days of September the species composition of *Culex* mosquitoes collected from adult trapping dropped to less than 10% of the total counts in most areas.



2009 Precipitation Comparison for Loveland/ Fort Collins				
Week	2009 Rainfall (inches)	2009 Running Total	Avg Rainfall of All Seasons (2003-2008)	Precentage of Average Rainfall
12	0.00	0.00	0.76	0.0%
13	0.24	0.24	0.94	25.5%
14	0.36	0.60	0.95	62.9%
15	0.02	0.62	1.24	49.6%
16	2.06	2.68	1.38	193.6%
17	0.19	2.86	1.92	148.8%
18	0.49	3.35	2.30	145.7%
19	0.17	3.52	2.64	133.2%
20	0.14	3.66	3.00	121.9%
21	0.64	4.29	3.08	139.4%
22	0.85	5.14	3.58	143.4%
23	0.75	5.88	4.44	132.4%
24	1.25	7.13	4.64	153.6%
25	0.50	7.63	5.25	145.3%
26	0.93	8.56	5.37	159.4%
27	0.67	9.22	5.46	168.7%
28	0.24	9.46	5.66	167.1%
29	0.00	9.46	5.74	164.7%
30	0.84	10.29	6.24	164.9%
31	0.87	11.16	6.66	167.4%
32	0.36	11.52	6.93	166.1%
33	0.06	11.57	7.55	153.2%
34	0.05	11.62	8.01	145.1%
35	0.14	11.76	8.73	134.6%
36	0.01	11.77	8.88	132.5%
37	0.36	12.13	9.20	131.9%
38	0.00	12.13	9.27	130.8%
39	0.57	12.70	9.58	132.5%

West Nile Virus 2009

Background

West Nile Virus 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.

WNV has a wide range of symptoms which can range from mild flu-like symptoms to death. Of humans affected, nearly 80% will show no symptoms at all. The majority of people who do show symptoms will usually suffer from high fevers, muscle soreness, and overall fatigue. However, approximately 1% of people will develop much more severe symptoms including meningitis (inflammation of the linings surrounding the brain and spinal cord), encephalitis (inflammation of the brain), or very rarely poliomyelitis, which can cause paralysis in parts of the body.

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 more recently the Western States. Although many states have shown decreased case counts since epidemic years, the Colorado Front Range presents the ideal combination of abundant habitat and weather conditions during some years for *Culex tarsalis* mosquitoes to amplify West Nile Virus.

Past Years

Colorado first saw activity of the virus late in the summer of 2002. In 2003, Colorado was the hardest hit state, recording 2,947 human cases and 63 deaths, most of which occurred along the Front Range. In 2004, the majority of the cases shifted to the Western Slope and the state totaled 291 cases with 4 deaths occurring in Mesa County. In 2005, WNV activity was spread throughout the state of Colorado with no particular clustering in any one region. In 2006, early season hot and dry conditions kept initial adult mosquito populations low, but rainfall in early August caused resurgence in the *Culex* mosquito densities. WNV infection in mosquitoes presented the greatest risk in the months of August and September, as hundreds of positive-tested mosquito pools and over 269 human WNV cases were recorded along the northern Front Range. Seven deaths occurred in 2006 across Colorado. Early season warm and wet weather conditions in 2007 were perfect for the rapid development of *Culex tarsalis* mosquitoes and ramping of West Nile Virus during May and June. Also, early positive mosquito sample pool tests indicated potential trouble from the onset in 2007. The first three positive mosquito sample pools collected from Larimer County mosquito surveillance traps were obtained earlier than normal that season on June 19. Weld County mosquito surveillance traps detected WNV-positive sample pools on July 6 and Boulder County had its first WNV mosquito sample pool on July 9. The 2007 season was the second most active season for

West Nile Virus cases in Colorado, second only to the 2003 epidemic year. In 2008 Culex mosquito densities remained low, as did the amount of West Nile Virus activity across the State. Colorado reported 71 human cases with 1 death. Of the total cases with clinical diagnoses, 13 cases occurred in Larimer County, 19 cases were reported in Weld County, and 13 cases were reported from Boulder County in 2008.

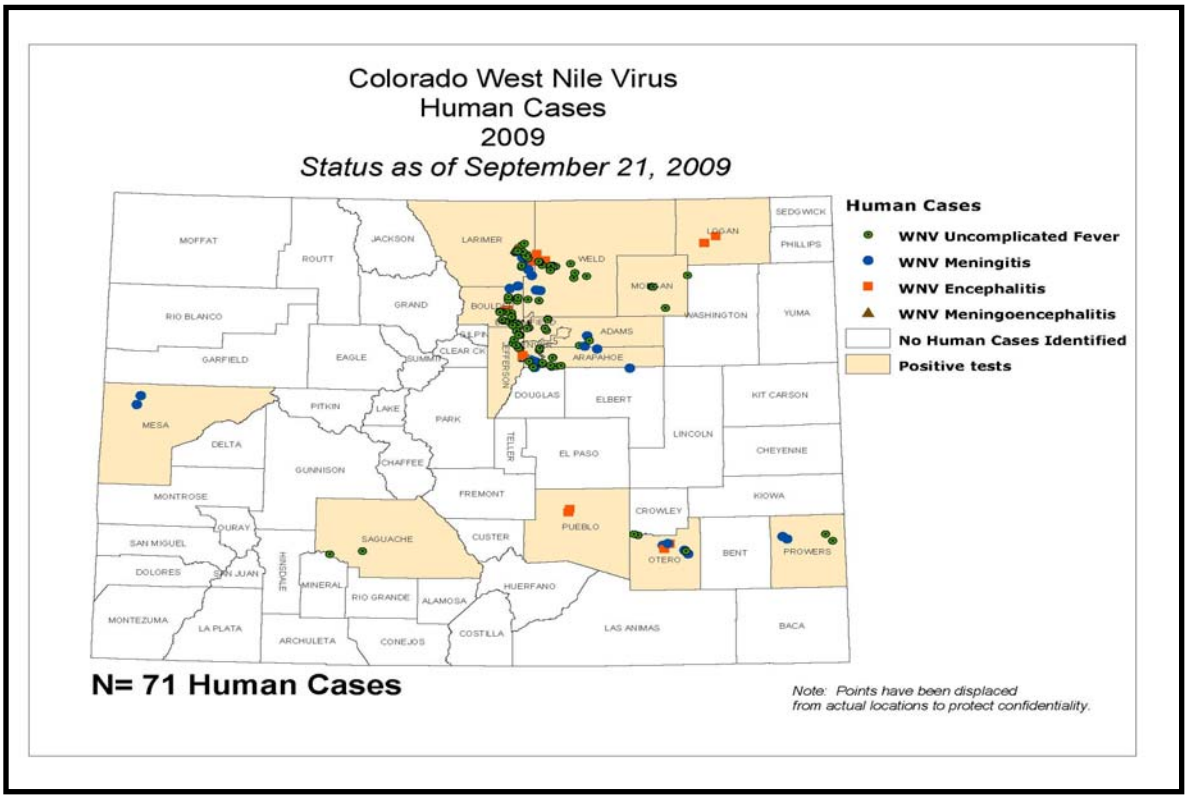
Colorado Perspective

In the Northern Front Range of Colorado, much of the water diverted from the mountain regions is used for flood irrigation of pastures, crops, and our own residential yards. Fluctuation in water levels greater than one-half inch can result in floodwater mosquito larvae hatching in fields, cattail marshes, riparian areas and grasses. These sites typically do not drain quickly, dependent on levels of the ground water table, thereby causing multiple generations of *Culex* mosquito larva to result as the water remains.

Human WNV Infections- Clinical Diagnosis for Colorado 2009
As listed on the CDPHE website-Updated September 21, 2009

County of Residence	New Cases	Fever	Meningitis	Encephalitis	Total cases	Total deaths
Adams		4	1		5	1
Arapahoe	1	6	3	.	9	.
Boulder	1	10	.	1	11	.
Broomfield	.	1	.	.	1	.
Denver	1	1	.	.	1	.
Jefferson	1	6	.	1	7	.
Larimer	1	8	4	2	14	.
Logan	.	.	.	1	1	.
Mesa	1	.	1	.	1	.
Morgan	.	2	.	.	2	.
Otero	1	3	2	1	6	.
Prowers	1	1	1	.	2	.
Pueblo	.	.	.	1	1	.
Weld	.	7	1	2	10	.
COLORADO	**8**	**49**	**13**	**9**	**71**	**1**

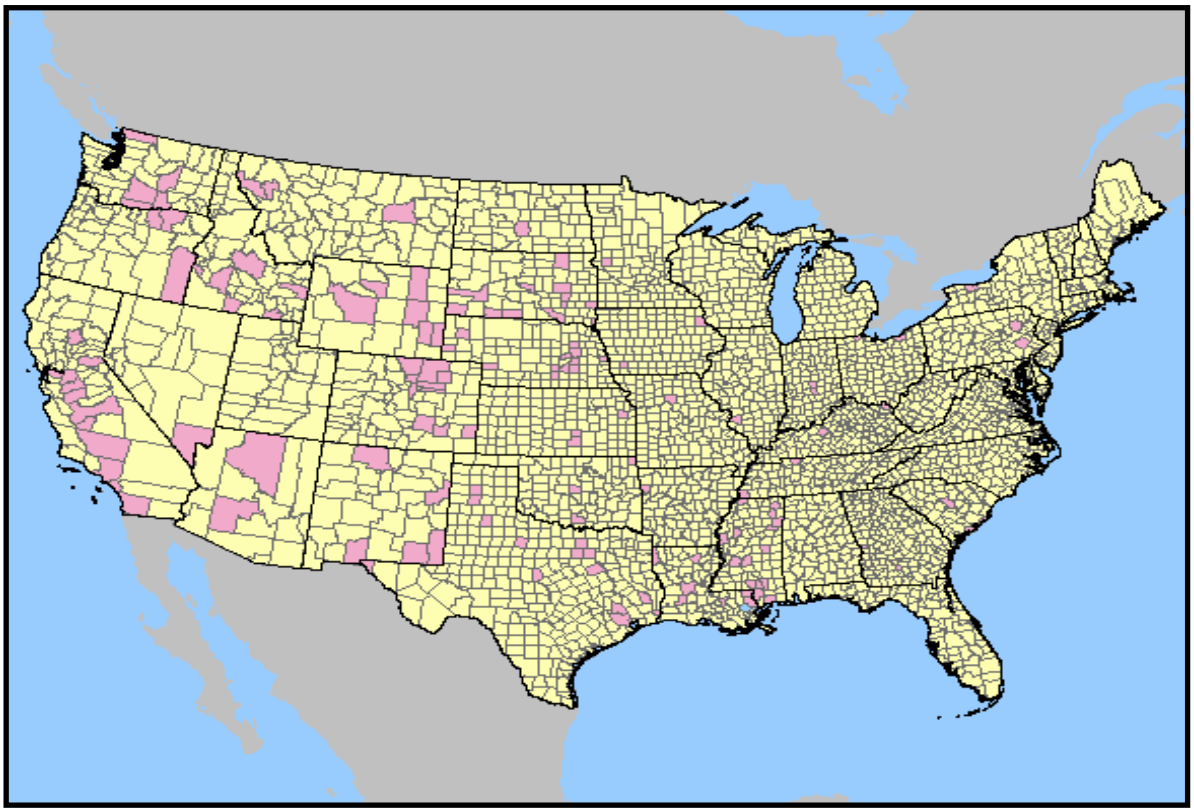
Regardless of year, Larimer, Boulder and Weld counties report the greatest number of human West Nile Virus infections in the state when compared to other counties. This trend is likely due to a combination of the topography for drainage, intermingled with the greatest proportion of the state's population residing along the Front Range. Exposure to *Culex tarsalis* mosquitoes along the Front Range increases as residents enjoy summertime BBQ's and the numerous recreational activities our state has to offer. Given the amount of vector mosquitoes in our area and WNV risk, it becomes increasingly important that residents apply mosquito repellents each time they venture outdoors during the mosquito season.



U.S. Department of the Interior /U.S. Geological Survey

Cumulative 2009 Data as of Sep 22, 2009

National Cumulative Human Disease Cases: 345



Larval Mosquito Control Activities

Since over 95% of CMC's operations are targeted toward larval mosquito control, approximately that same percentage is applied in infrastructure to facilitate those operations. CMC's warehouse, material handling equipment, supply chain, data input, vehicle fleet, and application equipment are all designed to support our management services that emphasizes larval control.

Every technician is assigned a CMC-owned fleet vehicle, fully equipped with necessary larval surveillance tools, larval control applicators, and biological larvicide products. Each vehicle contains informational brochures about mosquito repellents, recommended methods for reducing backyard mosquitoes, and the "Fight the Bite" campaign literature for residential distribution. Technicians also have on hand reference sheets about larvicide control products and mission objectives for contracted communities used in public education programs. Every vehicle contains Material Safety Data Sheets (MSDS) in accordance with Colorado Department of Agriculture requirements.

CMC management spends the winter months editing field notes and property ownership information, as well as historical inspection records for use in establishing inspection priority during the upcoming season. Early activities each season also involve review and revision of GIS maps from the previous season. Old sites often need updating, and new sites are constantly added to the inspection program in response to new construction and development.

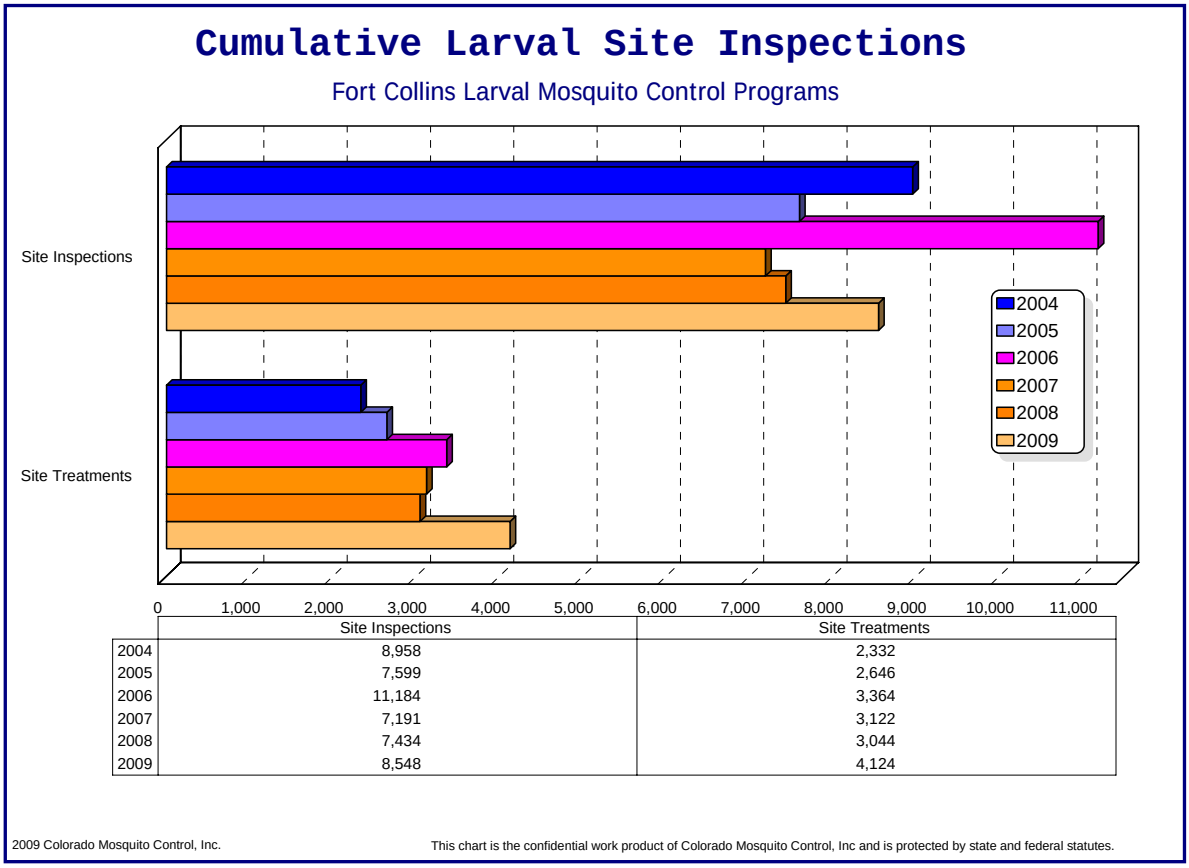
Hiring of seasonal technicians began in February. CMC received an abundance of qualified applicants this season, many of whom had experience in aquatic sampling or an understanding of biological sciences. This aided in improving the quality of public education and outreach that CMC was able to provide.

CMC field technicians began ground inspections for new sites and inspection of existing sites in early April within contracted areas. CMC's Annual Field Technician Classroom Training Day took place on May 18, with over 80 new and returning field technicians in attendance. Daily field training by CMC management and veteran employees was performed during the week of May 19, and routine field inspections were in full swing from May 25 through August 28. The final day for larval inspections was September 14, largely due to cool daily temperatures during this time, causing natural mortality in adult mosquitoes.

The 2009 City of Fort Collins Mosquito Management staff consisted of 17 Full-time Equivalent employees (FTE). The larval coverage area includes approximately 109 square miles of private and public lands, where resident contact has been made and permission has been granted. To date 1,283 larval mosquito habitats are included in the regular inspection and larviciding program for the City of Fort Collins Mosquito Management Program. There were 27 new larval sites added to the routine inspection program in 2009. A total of 130 larval sites have been destroyed since the end of season in 2004. These sites were either physically demolished or the water source was removed.

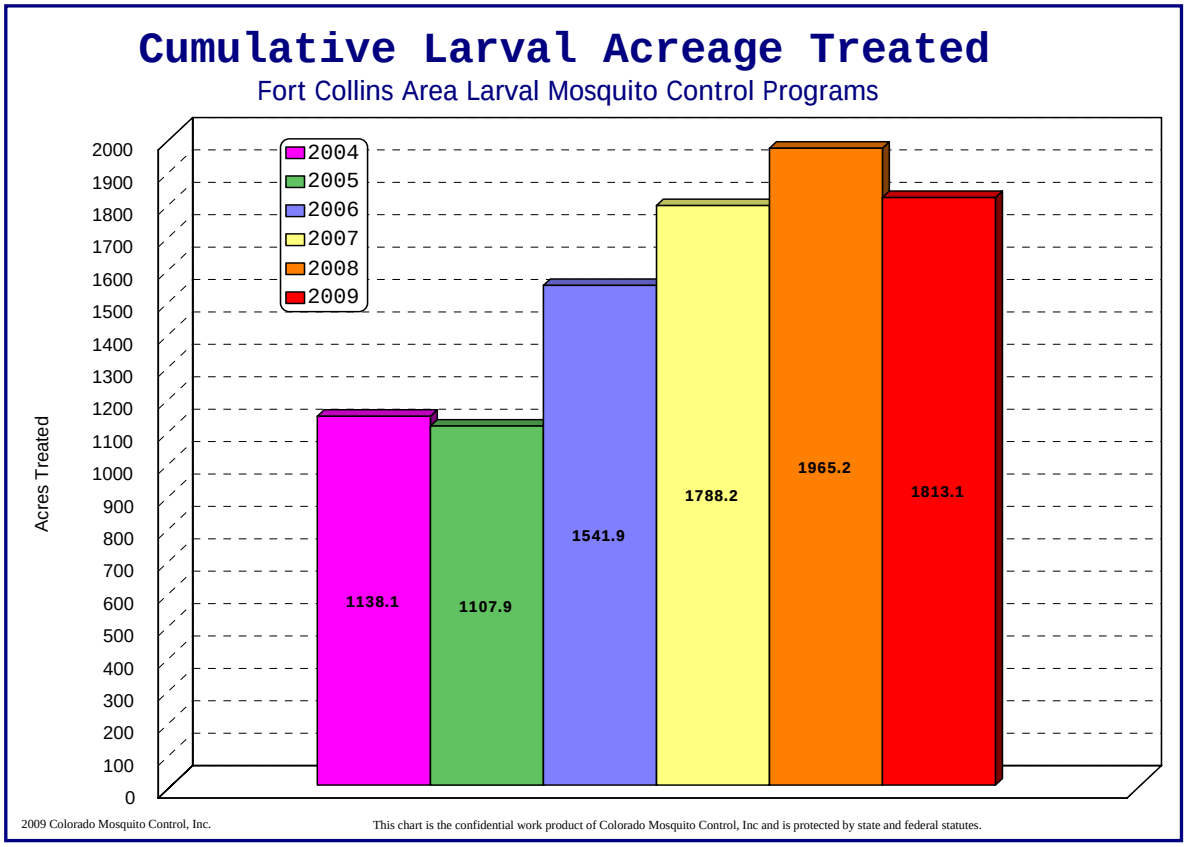
LARVAL MOSQUITO CONTROL OPERATIONS

Practical experience and scientific research have shown that the most effective way to control mosquito populations is through an aggressive Integrated Pest Management (IPM) approach. IPM aims at using a variety of concepts, tools, and products to reduce a pest population to tolerable levels. Translating these ideas to mosquito control, CMC has found the most environmentally and economically-sound approach is through targeting the aquatic larval stage of the mosquito. Targeting this stage prevents the emergence of the adult mosquito and thus, reduces disease transmission and nuisance.



	Site Inspections	Site Treatments
2004	8,958	2,332
2005	7,599	2,646
2006	11,184	3,364
2007	7,191	3,122
2008	7,434	3,044
2009	8,548	4,124

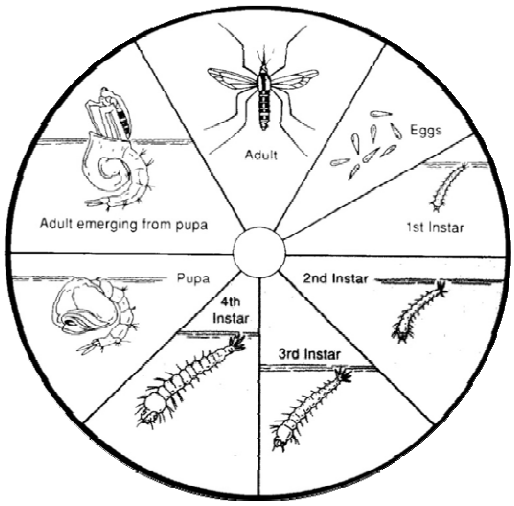
In 2009, 89% of the total inspected sites were found to be wet and 48.2% were producing mosquito larvae. An estimated 5.5 million larvae were eliminated with larval control products in 2009. In 2008, 84% of the total sites inspected were wet upon inspection and 41% were producing mosquito larvae. In 2008, an estimated 6.46 million mosquito larvae were eliminated before emerging as biting adults. In 2007, 84% of the total site inspections consisted of wet sites with larval production at 51% of these sites. An estimated 6.43 million mosquito larvae were eliminated before emerging as biting adults in 2007. In 2006, 76% of the total site inspections consisted of wet sites with larval production at 41% of the total sites. An estimated 7.78 million larvae were eliminated in 2006. In 2005, 84% of the total inspected sites were found wet, with larval production at 42% of the sites. An estimated 2.17 million larvae were eliminated in 2005. In 2004, 79% of the total inspected sites were found wet, with 33% larval production at these sites. An estimated 2.8 million larvae were eliminated in 2004. The percentages detailed include storm drains, backyard inspections, and sites within larval routes.



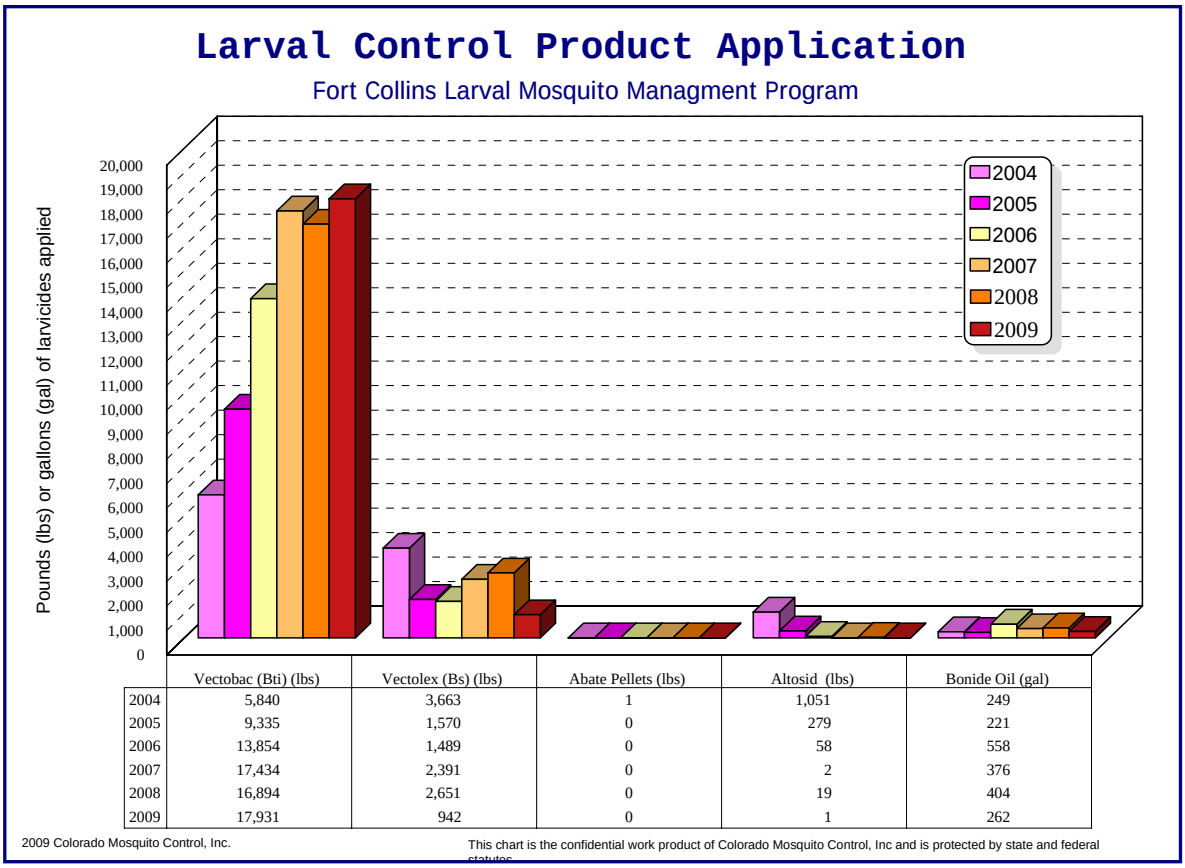
Larval mosquito control can be achieved in several ways, including biological, biochemical, chemical, and mechanical means. Although there are a variety of methods for reducing larval populations, some options may have greater consequences than benefit. Mechanical or habitat modification is a technique 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 assessed. Permanent ecological damage may occur if extensive habitat change has taken place. True biological controls may also have non-target

affects that outweigh the benefits of their control capacity. The biological control agent, if not carefully selected and evaluated, may cause and imbalance in the natural ecological community, as well as threaten population levels of other organisms. This was the case with the introduced mosquito fish, no longer widely utilized in Colorado as they readily preyed upon young amphibians and other fish species in addition to controlling mosquitoes.

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 most mosquito control programs throughout the world. Almost all Mosquito Abatement Districts have incorporated *Bti* applications into their management practices, given the specificity of these products on larval mosquitoes causing almost no mortality among other non-target organisms. The benefits of applications using *Bti* include its efficacy and lack of environmental impacts, as well as its cost efficiency. When used properly, successful mosquito 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 at approximately three times that of *Bti*.



Other larval control products include a growth regulator (methoprene), a mineral oil, and an organophosphate (Abate). Methoprene is a synthetic copy of a juvenile growth hormone found 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. The benefits of these products are the availability of 30 and 150 day formulations. 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 gravel pits, or areas which chronically produce large amounts of mosquitoes, but only as a last resort when other solutions are not present. Mineral oil is the only product effective on the pupal stage and therefore is an essential tool when pupae are found.



	Vectobac (Bti) (lbs)	Vectolex (Bs) (lbs)	Abate Pellets (lbs)	Altosid (lbs)	Bonide Oil (gal)
2004	5,840	3,663	1	1,051	249
2005	9,335	1,570	0	279	221
2006	13,854	1,489	0	58	558
2007	17,434	2,391	0	2	376
2008	16,894	2,651	0	19	404
2009	17,931	942	0	1	262

All of the aforementioned methods and products represent the essential ingredients of Integrated Pest Management. Mosquitoes are very well adapted insects 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.

Backyard Inspection Program

Culex pipiens is a known vector of WNV, are commonly found in artificial containers associated with residential settings. The Urban Mosquito Control Program expanded from 33 yards in 2004, to 71 in 2005, 95 in 2006, 91 in 2007, 115 in 2008. At present, there are 160 backyard sites in the inspection program. There were 14 new larval backyard habitats mapped into ArcGIS for routine inspections this season.

Development of this program has resulted in a significant reduction of *Culex pipiens*, and numerous opportunities to educate residents about source reduction within their backyards. CMC continued to work with the City of Fort Collins Utility employees in 2009 to include reminders in the spring utility billing to dump containers and buckets that may hold standing water. The opportunity to reach households via this resource truly benefits all community residents. Spring reminders enable both CMC and the City of Fort Collins to reach out to the public to reinforce the need for repellents, the onset of the mosquito season, and reduction of mosquito breeding sites with source elimination.

In 2009, 415 backyard inspections were performed and 84% of the sites were wet upon inspection. Of these, 288 (69.3%) sites were treated with larval mosquito control products. A total of 14.9 acres were treated with 38.1 lbs of VectoBac (*Bti*), .2 lbs of VectoLex (*Bs*), 10.6 lbs of Altosid, and 4.7 gallons of larviciding oil were applied in 2009. In 2008, there were 409 backyard site inspections (60.4% of the sites wet upon inspection) with application of larvicides at 214 (24.7%) of the sites. A total of .7 acres were treated to reduce an estimated 100,000 larvae. The larval control products used included 1.5 lbs of VectoBac (*Bti*), 17.5 lbs of Altosid, and 3.3 gallons of mineral oil.

Storm Drain Program

The storm drain program completed its 5th year in 2009. Priority for storm drain inspections were made in those areas of downtown Fort Collins. Storm drain inspections did not reveal substantial production during a majority of June and July due to rainfall. In 2009, 299 storm drains and catch basins were inspected for larval mosquito presence. Of these 48 (16%) drains were wet and 6 (2%) were producing mosquito larvae.

In June 2009, 22 storm drains were inspected and 0 drains were treated with larvicide controls. Priority drains were documented for re-inspection during rainfall events. In July 224 drains were inspected with larvae found at only 3 drains. In August, 53 drains were inspected, with 3 drains producing mosquito larvae. An estimated 200,000 larvae were eliminated from applications of .18 lbs of *Bti*, .31 lbs of Altosid and .03 gallons of mineral oil to storm drains and catch basins in 2009.

CMC communicates annually the locations of storm drains that historically produce mosquito larvae to the City of Fort Collins Strom Water Division. Storm Water personnel review this list for possible corrective action to problem drainage systems. The City of Fort Collins has been proactive in reducing standing water within these drains and catch basins when possible to limit larval mosquitoes.

CMC Surveillance Laboratory

Data on mosquito abundance and species identity is critical in the operation of a successful mosquito management program. Over the past few years, identifying, packaging, and sending *Culex* mosquito pool samples to the CDPHE or CSU labs for West Nile Virus testing has also become critically important in the battle against West Nile Virus and other mosquito-borne diseases. The Colorado Mosquito Control Surveillance Laboratory, managed by Dr. Michael "Doc" Weissmann, has become the largest single source of adult and larval mosquito surveillance data in the state of Colorado. Specifically, CMC has 4 stereo zoom binocular microscopes, 94 CDC dry-ice baited Light Traps, 21 Reiter Gravid Traps and all associated equipment and hardware.

In 2009, Colorado Mosquito Control monitored a statewide network of over 250 trap sites, with over 3,100 trap nights set, collecting more than 499,000 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 surveillance location, going back in time more than a decade in some locations. 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 identification of mosquito specimens for both adults and larval mosquitoes. More than 50 mosquito species are believed to occur in Colorado and more than 20 of those were identified from samples processed during the 2009 season from across the state, including one species found in the Pueblo area that was previously not known from Colorado.

CMC employs two kinds of traps to monitor mosquito populations. The CDC light trap uses carbon-dioxide from dry ice as bait to attract female mosquitoes that are seeking a blood meal from a respiring animal. Once attracted by the CO_2, 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 bag.

Additionally, the CMC Surveillance Laboratory conducts an intensive larval identification program with over 10,000 larval mosquito samples collected by field technicians. Collections are made prior to larvicide applications and identification of species and this information is recorded in our database. This information is invaluable in targeting mosquito control efforts as we gain a greater understanding of the habitat types preferred by mosquito species of Colorado 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, this information will 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 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 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.

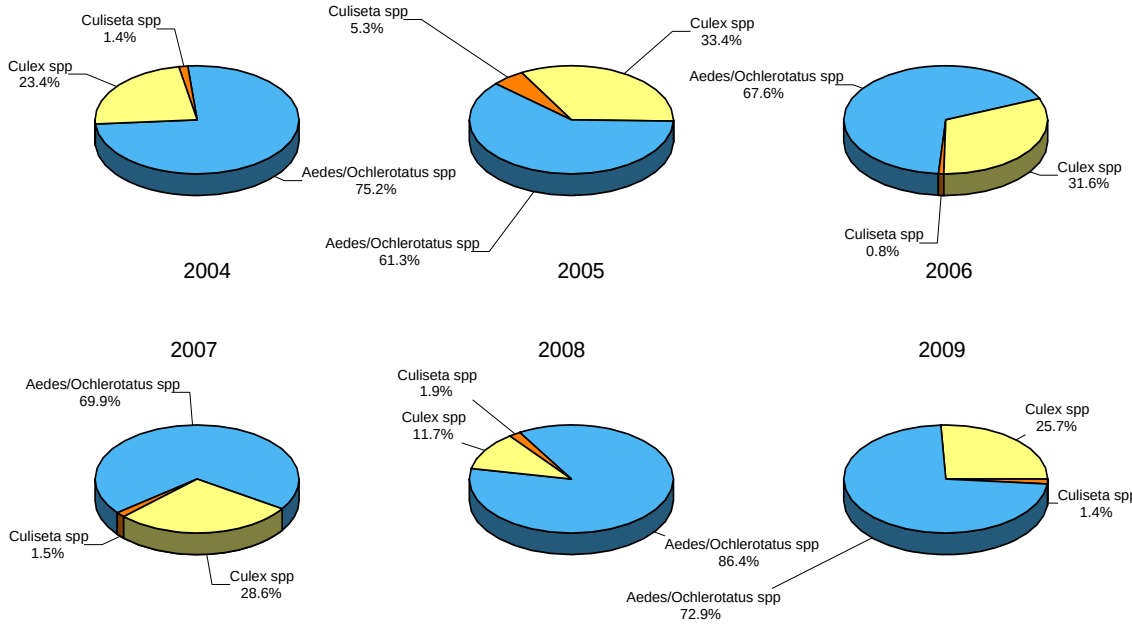
CDC Surveillance Light Trap Data Comparison

In 2009, an average of 43 CDC surveillance light trap locations monitored adult mosquito populations within the City of Fort Collins. Weather permitting, CDC battery-operated "light traps" were set weekly in each location to provide adult mosquito population data for seasonal comparisons. Surveillance trapping began May 26 and trapping was concluded on September 4, halted by cooler temperatures during the first weeks of September.

In 2009, 592 surveillance light traps were set within City of Fort Collinss, which collected 88,392 total mosquitoes. The average number of mosquitoes collected per trap per night was 149 and the average number of *Culex* mosquitoes collected per trap per night was 38. The percent composition of mosquitoes collected in 2009 included 72.5% (64,084) *Aedes/Ochlerotatus spp.*, 22.9% (20,233) *Culex tarsalis,* 2.7% (2,384) *Culex pipiens,* 1.4% (1,258) *Culiseta spp.,* (less than 1%) (15) *Anopheles spp.,* and .5% (418) *Coquillettidia spp*. mosquitoes. Please refer to the CDC Light Trap Details for Species Composition and Season Trends by individual surveillance trap location. Note that the graph below includes data for sentinel mosquito surveillance operations which began in 2007, and results in 35 additional traps set annually.

Annual CDC Light Trap Species Abundance Comparison

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

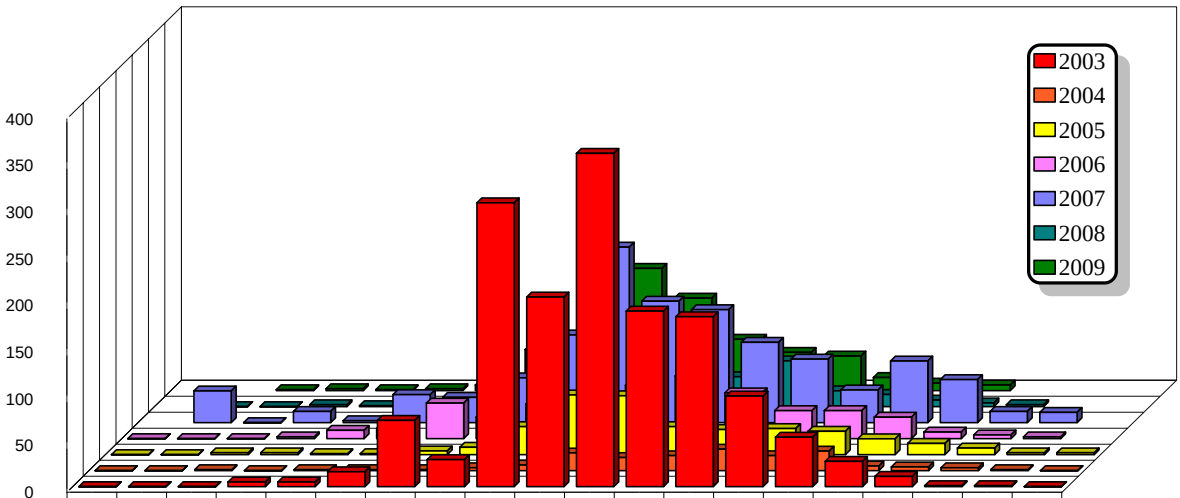


2009: Total 88,392 mosquitoes from 592 trap nights (avg 149 mosquitoes per trap/night)
2008: Total 96,251 mosquitoes from 705 trap nights (avg 137 mosquitoes per trap/night)
2007: Total 147,424 mosquitoes from 642 trap nights (avg 229 mosquitoes per trap/night)
2006: Total 56,628 mosquitoes from 722 trap nights (avg. 78 mosquitoes per trap/night)
2005: Total 43,571 mosquitoes from 684 trap nights (avg. 64 mosquitoes per trap/night)
2004: Total 25,955 mosquitoes from 768 trap nights (avg. 34 mosquitoes per trap/night)

2009 Colorado Mosquito Control, Inc.
This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal

Comparison of Average C*ulex* Mosquitoes per Light Trap/ Night within the City Limits of Fort Collins

*Note: Graph includes Surveillance Data from Sentinel Mosquito traps not set prioir to 2007



	5/1-5/7	5/8-5/14	5/16-5/21	5/22-5/31	6/1-6/7	6/8-6/14	6/16-6/21	6/22-6/30	7/1-7/7	7/8-7/14	7/15-7/21	7/22-7/31	8/1-8/7	8/8-8/14	8/15-8/21	8/22-8/31	9/1-9/7	9/8-9/14	9/15-9/21	9/22-9/30
2003	0	0	0	5	5	16	71	29	304	203	357	188	182	97	53	27	11	1	1	0
2004	0	0	1	0	1	1	1	3	6	19	14	16	23	16	21	5	4	3	1	0
2005	0	0	2	2	1	1	4	8	30	64	63	30	27	28	25	17	12	7	2	2
2006	0	0	0	2	9	11	38	23	37	12	57	67	49	30	30	23	7	4	2	
2007		34	0	12	2	30	27	48	94	188	130	121	86	68	35	66	46	12	11	
2008		0	0	2	1	3	10	12	22	39	31	32	49	17	13	7	4	2		
2009			1	2	1	2	6	44	59	131	99	55	41	37	14	8	6			

2009 Colorado Mosquito Control, Inc. This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

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 third 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 the CDPHE until August 5th. CSU completed testing through the remainder of the 2009 season. The sentinel light traps were set once a week from June 1st to June 15th (week 25), set twice a week until August 3rd (week 32) and then set once a week until August 24th (week 35).

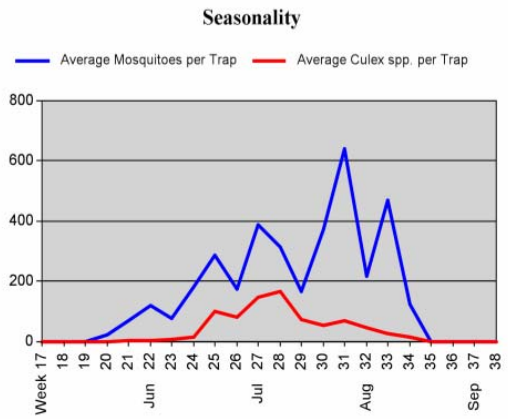
There were 107 sentinel surveillance traps set in 2009 for the Larimer County Sentinel Encephalitis Surveillance Program, which collected a total of 28,313 mosquitoes. The average number of mosquitoes collected per trap per night in 2009 was 265 and the average *Culex* mosquitoes collected per trap per night was 72. The sentinel trapping locations continue to provide the best composition of *Culex* mosquitoes on an annual basis, when compared to other surveillance locations regardless of season. Listed below is the Composite Report for all Sentinel Surveillance Locations in 2009.

2009 Larimer CDC Trap Composite Data

Total number of trap/nights set:	107
Total number of mosquitoes collected:	28,313
Average mosquitoes per trap/night:	265
Average Culex per trap/night:	72

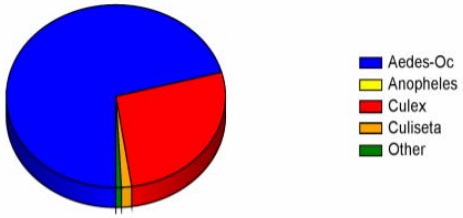
Species collected and abundance:

Aedes (Oc.) dorsalis	1226	4.3 %
Aedes (Oc.) increpitus	2724	9.6 %
Aedes (Oc.) melanimon	714	2.5 %
Aedes (Oc.) nigromaculis	12	0.0 %
Aedes (Oc.) trivitatus	48	0.2 %
Aedes vexans	15393	54.4 %
Coquillettidia perturbans	229	0.8 %
Culex pipiens	448	1.6 %
Culex tarsalis	7093	25.1 %
Culiseta inornata	426	1.5 %



Genus proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	20,140	71.1 %
Anopheles	0	0.0 %
Culex	7,663	27.1 %
Culiseta	426	1.5 %
Other	229	0.8 %



CDC SURVEILLANCE GRAVID TRAP DATA COMPARISON

In 2007, CMC established 5 permanent gravid trap locations generated from data obtained from surveillance gravid trapping history. Gravid traps were set at the 5 locations weekly to establish a permanent surveillance system for West Nile Virus transmission activity. 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 52 gravid traps set in 2009, which collected a total of 1,961 mosquitoes. The species breakdown of mosquitoes collected included; 216 (11%) *Aedes/Ochlerotatus spp*., 1,671 (85.2%) *Culex pipiens*, 27 (1.4%) *Culex tarsalis* and 47 (2.4%) *Culiseta spp*. mosquitoes. Please refer to 2009 Fort Collins Gravid Trap Composite Data Summary for season trends and gravid trapping species breakdown.

CSU / CDPHE WN Virus Mosquito Confirmation Results

The 2008 season marked the completion a 5 year assessment study of West Nile Virus Vector Indices (VI) and Infection Rates (IR) in Larimer County. This study was performed and funded by the CDC during 2004-2008. The objective for seasonal analysis of WN infection rates in mosquitoes has been to generate a tool that can evaluate the public health risk for transmission West Nile Virus in future years. In 2009 the City of Fort Collins and the City of Loveland independently contracted with Colorado State University to test mosquitoes for WNV and calculate the Vector Indices in the respective cities.

The Vector Index (VI) has been studied by the Centers for Disease Control (CDC) and CDPHE since the detection of West Nile Virus in 2003. The Vector Index is widely applied in the assessment of West Nile Virus risk on a weekly basis across the State of Colorado. As defined on the CDPHE website, The Vector Index (VI) is a measure of infection rate adjusted for *Culex* mosquito population size within a given area. The value is an estimate of the number of West Nile Virus infected mosquitoes collected per trap per night. The data suggests that a vector index of .75 or above is an indicator of high risk for West Nile Virus transmission to human in the area. Refer to www.cdphe.state.co.us/dc/zoonosis/wnv/wnvsentinel.html.

The Vector Index for the City of Fort Collins did not surpass .75 during the 2009 season. A total of 819 mosquito sample pools containing 17,128 *Culex* mosquitoes collected from City of Fort Collins mosquito surveillance traps were submitted to Colorado State University. In 2009 all vector mosquitoes collected from 43 light traps and 5 gravid trap locations in the City of Fort Collins were submitted to Colorado State University. There were 51 WN+ samples collected from mosquito surveillance traps in the City of Fort Collins.

In 2009 a total of 110 mosquito sample pools containing 4,464 *Culex* mosquitoes were collected from City of Loveland mosquito surveillance traps. The City of Loveland submitted mosquito samples from 5 permanent trap locations, in addition to the sentinel trap location LV-095 to Colorado State University. There were 4 WN+ samples confirmed from surveillance traps in the City of Loveland.

There were 245 samples collected from surveillance traps within Unincorporated Larimer County, which contained 10,395 *Culex* mosquitoes, submitted to the Colorado Department of Health and Environment (CDPHE) for WN testing in 2009. There were 3 WN+ mosquito samples collected from unincorporated Larimer County surveillance traps. One sample was from Loveland, one from Fort Collins and one was from the Town of Timnath.

In 2008, there were 12 WN+ samples collected from mosquito surveillance traps in the City of Fort Collins and 10 WN+ samples confirmed from surveillance traps in the City of Loveland. In 2007, there were 134 mosquito samples confirmed WN+ in the City of Fort Collins. In 2007, there were 105 WN+ mosquito samples in the City of Loveland. There were 9 WN+ mosquito samples obtained from unincorporated areas of Larimer County in 2007. The City of Fort Collins surveillance traps detected 53 WN+ samples in 2006. The City of Loveland traps returned 49 WN+ mosquito sample pools in 2006. There were 10 mosquito samples found positive for WNV in Fort Collins 2005. There were 5 mosquito samples found positive for WNV in Loveland in 2005. In 2004, there were 2 mosquito sample pools obtained from surveillance traps in Fort Collins and no pools in Loveland.

2009 CSU/ CDPHE WN Virus Mosquito Locations

Pool	Date	County	Trap Number	Location	Quantity	WN Results	Species	Trap Type
CSU-0925	08/25/2009	Larimer	FC-004	Bighorn Drive	3	POSITIVE	Culex pipiens	LIGHT
CSU-0896	08/20/2009	Larimer	FC-015	Stuart & Dorset	14	POSITIVE	Culex tarsalis	LIGHT
CSU-0394	07/21/2009	Larimer	FC-019	Edora Park	87	POSITIVE	Culex tarsalis	LIGHT
CSU-0736	08/11/2009	Larimer	FC-019	Edora Park	12	POSITIVE	Culex tarsalis	LIGHT
CSU-0737	08/11/2009	Larimer	FC-019	Edora Park	18	POSITIVE	Culex pipiens	LIGHT
CSU-0439	07/22/2009	Larimer	FC-027	San Luis	99	POSITIVE	Culex tarsalis	LIGHT
CSU-0816	08/14/2009	Larimer	FC-029	Ben's Park	18	POSITIVE	Culex tarsalis	LIGHT
CSU-0373	07/17/2009	Larimer	FC-029gr	Ben's Park	115	POSITIVE	Culex pipiens	GRAVID
CSU-0815	08/14/2009	Larimer	FC-029gr	Ben's Park	80	POSITIVE	Culex pipiens	GRAVID
CSU-0904	08/21/2009	Larimer	FC-029gr	Ben's Park	100	POSITIVE	Culex pipiens	GRAVID
CSU-0905	08/21/2009	Larimer	FC-029gr	Ben's Park	100	POSITIVE	Culex pipiens	GRAVID
CSU-0906	08/21/2009	Larimer	FC-029gr	Ben's Park	31	POSITIVE	Culex pipiens	GRAVID
CSU-0316	07/15/2009	Larimer	FC-031	Willow Springs	106	POSITIVE	Culex tarsalis	LIGHT
CSU-0752	08/12/2009	Larimer	FC-033	Sage Creek	6	POSITIVE	Culex tarsalis	LIGHT
CSU-0415	07/14/2009	Larimer	FC-034	Country Club	1	POSITIVE	Culex pipiens	LIGHT
CSU-0388	07/21/2009	Larimer	FC-036	Hemlock	100	POSITIVE	Culex tarsalis	LIGHT
CSU-0561	07/28/2009	Larimer	FC-036	Hemlock	91	POSITIVE	Culex tarsalis	LIGHT
CSU-0706	08/07/2009	Larimer	FC-037	Chelsea Ridge	8	POSITIVE	Culex tarsalis	LIGHT
CSU-0553	07/28/2009	Larimer	FC-038	Lockside Lane	31	POSITIVE	Culex tarsalis	LIGHT
CSU-0419	07/22/2009	Larimer	FC-039	Fossil Creek South	88	POSITIVE	Culex tarsalis	LIGHT
CSU-0722	08/11/2009	Larimer	FC-040	Redwood	33	POSITIVE	Culex tarsalis	LIGHT
CSU-0610	07/30/2009	Larimer	FC-041	Fishback	40	POSITIVE	Culex tarsalis	LIGHT
CSU-0679	08/06/2009	Larimer	FC-041	Fishback	100	POSITIVE	Culex tarsalis	LIGHT
CSU-0681	08/06/2009	Larimer	FC-041	Fishback	39	POSITIVE	Culex pipiens	LIGHT
CSU-0456	07/23/2009	Larimer	FC-041	Fishback	100	POSITIVE	Culex tarsalis	LIGHT
CSU-0445	07/22/2009	Larimer	FC-046	725 WestShore Court	41	POSITIVE	Culex tarsalis	LIGHT
CSU-0783	08/12/2009	Larimer	FC-046	726 WestShore Court	26	POSITIVE	Culex tarsalis	LIGHT
CSU-0884	08/19/2009	Larimer	FC-046	727 WestShore Court	1	POSITIVE	Culex tarsalis	LIGHT
CSU-0604	07/29/2009	Larimer	FC-047	Keenland & Twin Oak	2	POSITIVE	Culex pipiens	LIGHT
CSU-0673	08/06/2009	Larimer	FC-052	603 Gilgalad Way	1	POSITIVE	Culex pipiens	LIGHT
CSU-0725	08/11/2009	Larimer	FC-053	Egret & Rookery	69	POSITIVE	Culex tarsalis	LIGHT
CSU-0839	08/18/2009	Larimer	FC-053	Egret & Rookery	41	POSITIVE	Culex tarsalis	LIGHT
CSU-0922	08/25/2009	Larimer	FC-053	Egret & Rookery	49	POSITIVE	Culex tarsalis	LIGHT
CSU-0981	09/01/2009	Larimer	FC-053	Egret & Rookery	21	POSITIVE	Culex tarsalis	LIGHT
S309403	07/21/2009	Larimer	FC-053/ FC-004/ FC-014/ FC-067	Combined FC traps	65	POSITIVE	Culex tarsalis	LIGHT
CSU-0537	07/24/2009	Larimer	FC-054	737 Parliament	33	POSITIVE	Culex tarsalis	LIGHT
CSU-1015	09/03/2009	Larimer	FC-057	Registry Ridge	4	POSITIVE	Culex tarsalis	LIGHT
CSU-0451	07/23/2009	Larimer	FC-061	Holley Plant / CSU	100	POSITIVE	Culex tarsalis	LIGHT
CSU-0608	07/30/2009	Larimer	FC-061	Holley Plant / CSU	47	POSITIVE	Culex pipiens	LIGHT
CSU-0676	08/06/2009	Larimer	FC-061	Holley Plant / CSU	100	POSITIVE	Culex tarsalis	LIGHT
CSU-0686	08/06/2009	Larimer	FC-063gr	Red Fox Meadows	59	POSITIVE	Culex pipiens	GRAVID
CSU-0893	08/20/2009	Larimer	FC-063gr	Red Fox Meadows	29	POSITIVE	Culex pipiens	GRAVID
CSU-0427	07/22/2009	Larimer	FC-064	WestChase	21	POSITIVE	Culex tarsalis	LIGHT
CSU-0747	08/12/2009	Larimer	FC-064	WestChase	20	POSITIVE	Culex pipiens	LIGHT
CSU-0938	08/26/2009	Larimer	FC-064	WestChase	40	POSITIVE	Culex tarsalis	LIGHT
CSU-0577	07/28/2009	Larimer	FC-066	Prospect Ponds	69	POSITIVE	Culex tarsalis	LIGHT
CSU-0688	08/06/2009	Larimer	FC-066	Prospect Ponds	10	POSITIVE	Culex pipiens	LIGHT
CSU-0576	07/28/2009	Larimer	FC-066gr	Prospect Ponds	14	POSITIVE	Culex pipiens	GRAVID
CSU-0728	08/11/2009	Larimer	FC-066gr	Prospect Ponds	20	POSITIVE	Culex pipiens	GRAVID
CSU-0016	06/05/2009	Larimer	FC-067	Poudre River Trail	1	POSITIVE	Culex pipiens	LIGHT
CSU-0911	08/21/2009	Larimer	FC-073	118 Grant	9	POSITIVE	Culex pipiens	LIGHT

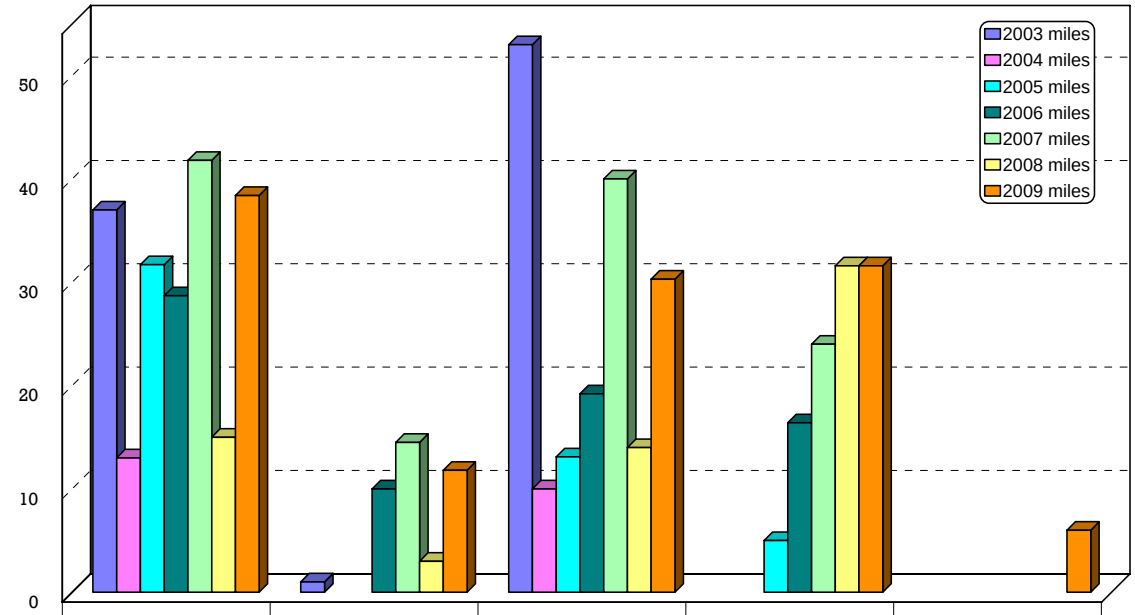
ADULT MOSQUITO CONTROL

The goal of Colorado Mosquito Control, Inc. is to provide all residents of Larimer County Cooperative Programs with the best options for safe, 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 safe biological control products. Although mosquitoes infected with West Nile Virus were detected from surveillance traps set in the City of Fort Collins, Vector Indices and Infection Rates did not warrant mosquito adulticide applications to be performed in the City of Fort Collins in 2009. It is important to note that CMC did adulticide on numerous occasions within the City of Fort Collins in 2009 at the request of several private homeowners' associations. It is also likely that adulticiding was done by other mosquito control contractors within city limits.

ULV Adulticide Mileage Comparison By Service Area

2004-2009 City of Fort Collins HOA Mosquito Management Programs

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



	Willow Springs HOA	Paragon Estates HOA	Green Stone HOA	Lindenwood HOA	WestChase HOA
2004 miles	13		10		
2005 miles	31.7		13.1	5	
2006 miles	28.7	10	19.2	16.4	
2007 miles	41.8	14.5	40	24	
2008 miles	15	3	14	31.6	
2009 miles	38.4	11.8	30.3	31.6	6

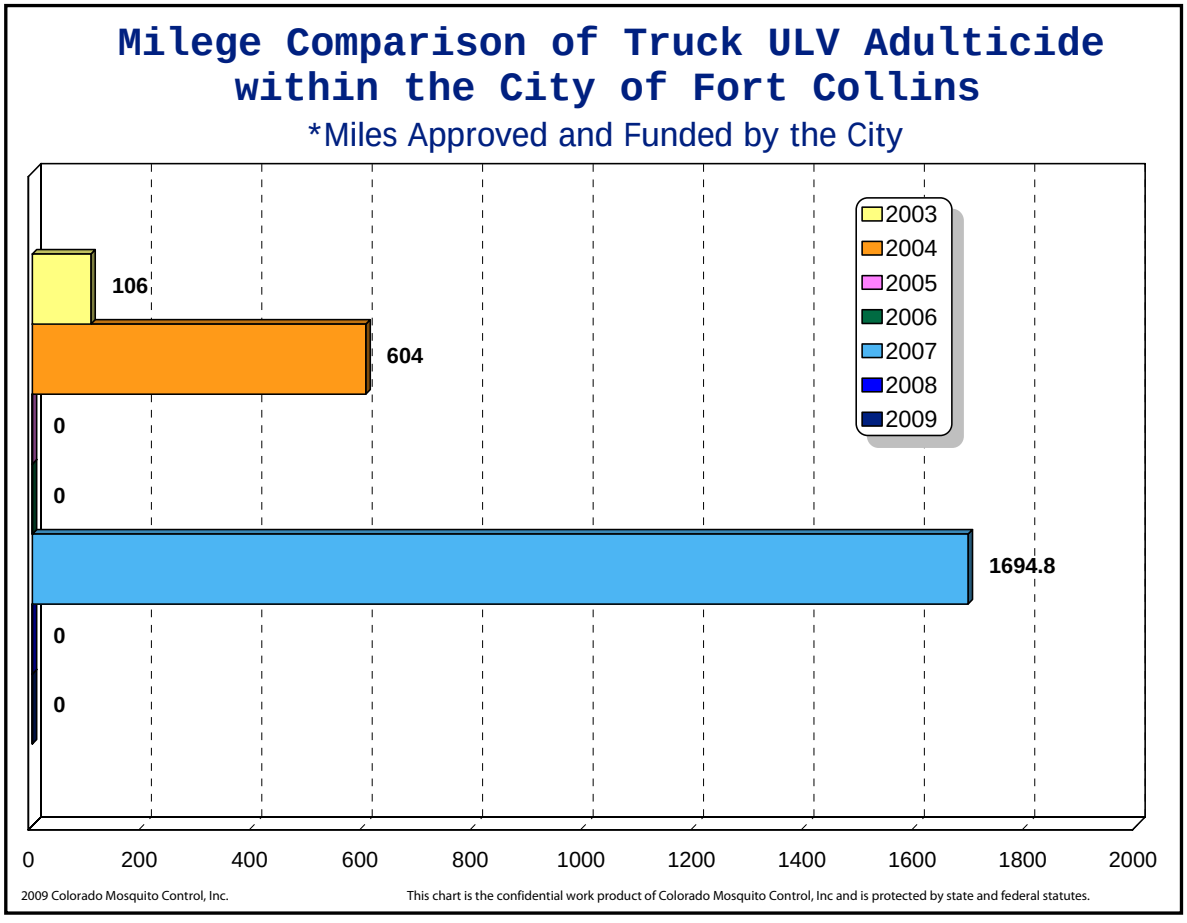
2009 Colorado Mosquito Control, Inc. This chart is the confidential work product of Colorado Mosquito Control, Inc and is protected by state and federal statutes.

Colorado Mosquito Control 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.

CMC continued use of the water-based product AquaLuer for ULV adult mosquito control in 2009. Its' active ingredient, permethrin, is highly effective against mosquitoes, while the water-base provides a much more environmentally sound solution to traditional oil-based adulticides. Results this year have again proven that this is the right choice for the adulticide portion of the Integrated Mosquito Management Program.

As we look towards the 2010 season, we will continue to evaluate treatment areas and new control products coming to the market. As always we will listen to the goals and needs of our customers so as to continue to provide an effective program that minimizes environmental impacts.



TECHNOLOGY

CMC has strived to improve the programs offered to its customers with novel and progressive advancements, continually evaluating and implementing new products and new technologies, not only with regard to control efforts but also for data processing and information reporting. CMC shares the belief that timely information should be accessible to customers and residents, so that the people who fund the programs can access the work that is being performed. CMC also believes that the ability to access the data will improve both the resident's and municipality's ability to stay informed about West Nile Virus risk in their community.

CMC WEBSITE

Our website, www.comosquitocontrol.com, is the leading website in the State of Colorado when it comes to providing up-to-date, factual, and comprehensive information on, and links to, mosquito biology and control, mosquito-borne diseases, pesticide toxicology information, and a wealth of topics relating to mosquitoes. Our website continues to be an integral tool for dissemination of operational data to the citizens we serve, minimizing the resources and time required by the city and its employees for answering for fielding public inquiries.

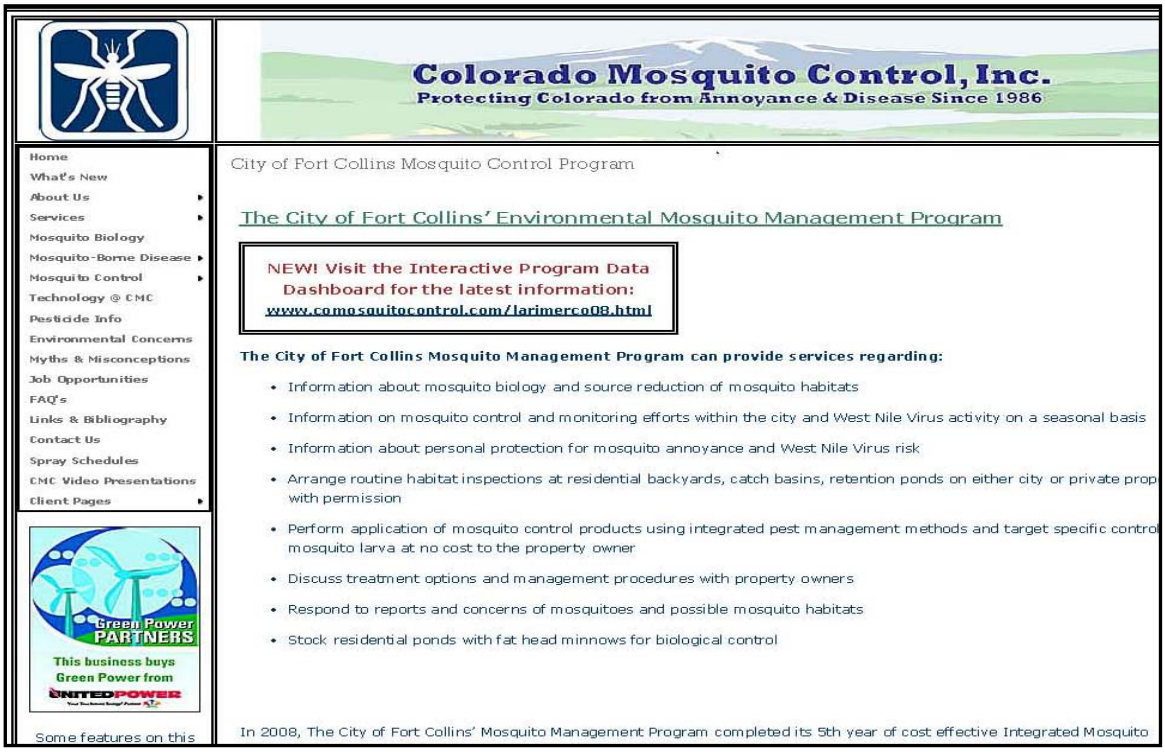
LINKS FROM WEBSITE

CMC was one of the first mosquito control organizations anywhere to publish adult mosquito control spray schedules on the web. Adult mosquito spray schedules are posted daily by 3PM.

CMC has led the industry with dissemination of data via our online dashboard. Over the past year CMC introduced a radical departure from traditional reporting methods: *Digital Interactive Reporting*. No other mosquito control company anywhere has DIGITAL INTERACTIVE REPORTING. These CMC exclusive technologies allows our customers to quickly and easily analyze thousand of data points, simply create and instantly view charts and graphs that can visually compare years of data and show trends not easily detected from traditional data analysis.

Visit the Dashboard at: www.comosquitocontrol.com/larimerco08.html

CMC also established client website pages in 2008 and 2009 that contain program information and goals, product information, larval control areas, and annual reports in easily accessible and downloadable PDF formats.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Protecting Colorado from Annoyance & Disease Since 1986
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Mosquito-Borne Disease
Mosquito Control
Technology @ CMC
Pesticide Info
Environmental Concerns
Myths & Misconceptions
Job Opportunities
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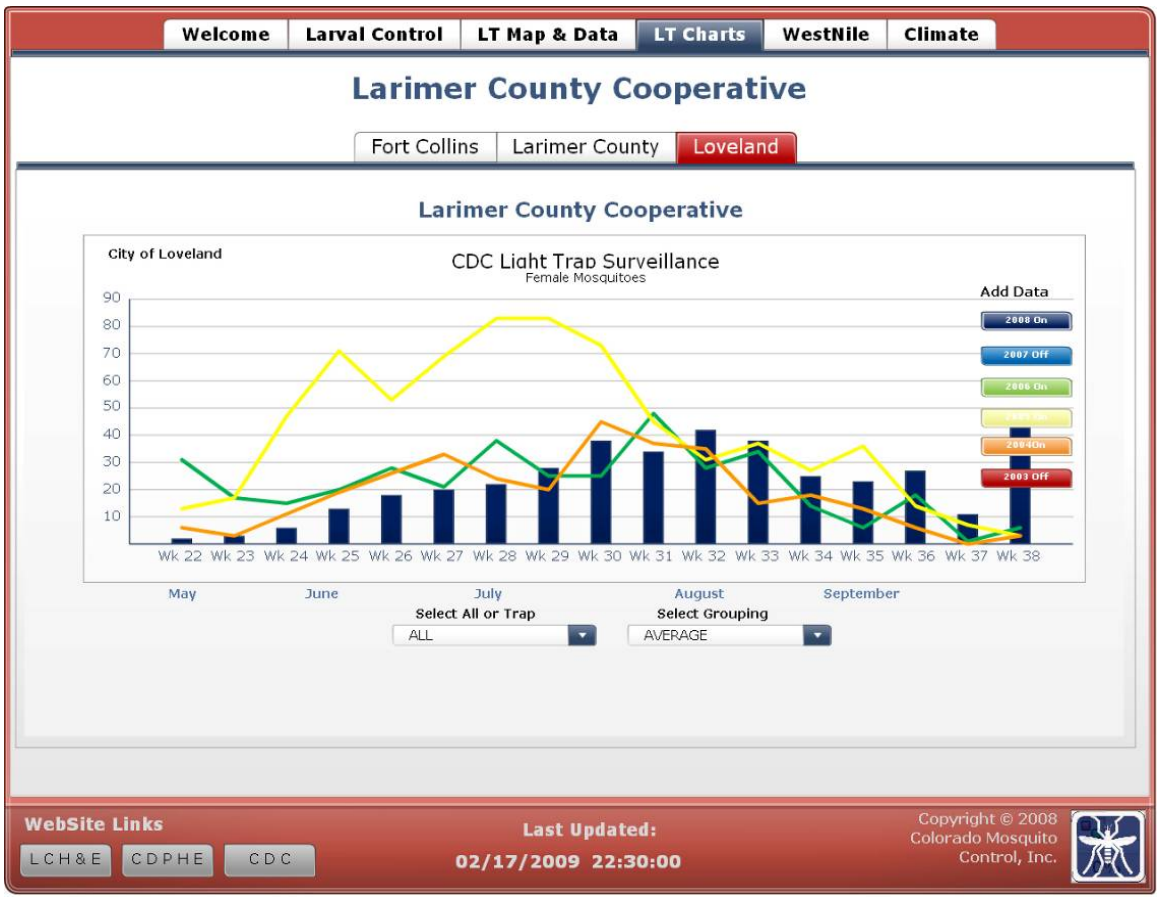
Links & Bibliography
Contact Us
Spray Schedules
CMC Video Presentations
Client Pages
Green Power PARTNERS
This business buys Green Power from UNITED POWER
Some features on this
City of Fort Collins Mosquito Control Program
The City of Fort Collins' Environmental Mosquito Management Program
NEW! Visit the Interactive Program Data Dashboard for the latest information:
www.comosquitocontrol.com/larimerco08.html
The City of Fort Collins Mosquito Management Program can provide services regarding:
• Information about mosquito biology and source reduction of mosquito habitats
• Information on mosquito control and monitoring efforts within the city and West Nile Virus activity on a seasonal basis
• Information about personal protection for mosquito annoyance and West Nile Virus risk
• Arrange routine habitat inspections at residential backyards, catch basins, retention ponds on either city or private prop with permission
• Perform application of mosquito control products using integrated pest management methods and target specific control mosquito larva at no cost to the property owner
• Discuss treatment options and management procedures with property owners
• Respond to reports and concerns of mosquitoes and possible mosquito habitats
• Stock residential ponds with fat head minnows for biological control
In 2008, The City of Fort Collins' Mosquito Management Program completed its 5th year of cost effective Integrated Mosquito


Welcome
Larval Control
LT Map & Data
LT Charts
WestNile
Climate
Larimer County Cooperative
Fort Collins
Larimer County
Loveland
Larimer County Cooperative
City of Loveland
CDC Light Trap Surveillance
Female Mosquitoes
Add Data
2008 On
2007 Off
2006 On
2004 On
2003 Off
90
80
70
60
50
40
30
20
10
Wk 22 Wk 23 Wk 24 Wk 25 Wk 26 Wk 27 Wk 28 Wk 29 Wk 30 Wk 31 Wk 32 Wk 33 Wk 34 Wk 35 Wk 36 Wk 37 Wk 38
May
June
July
August
September
Select All or Trap
ALL
Select Grouping
AVERAGE
WebSite Links
LCH&E
CDPHE
CDC
Last Updated:
02/17/2009 22:30:00
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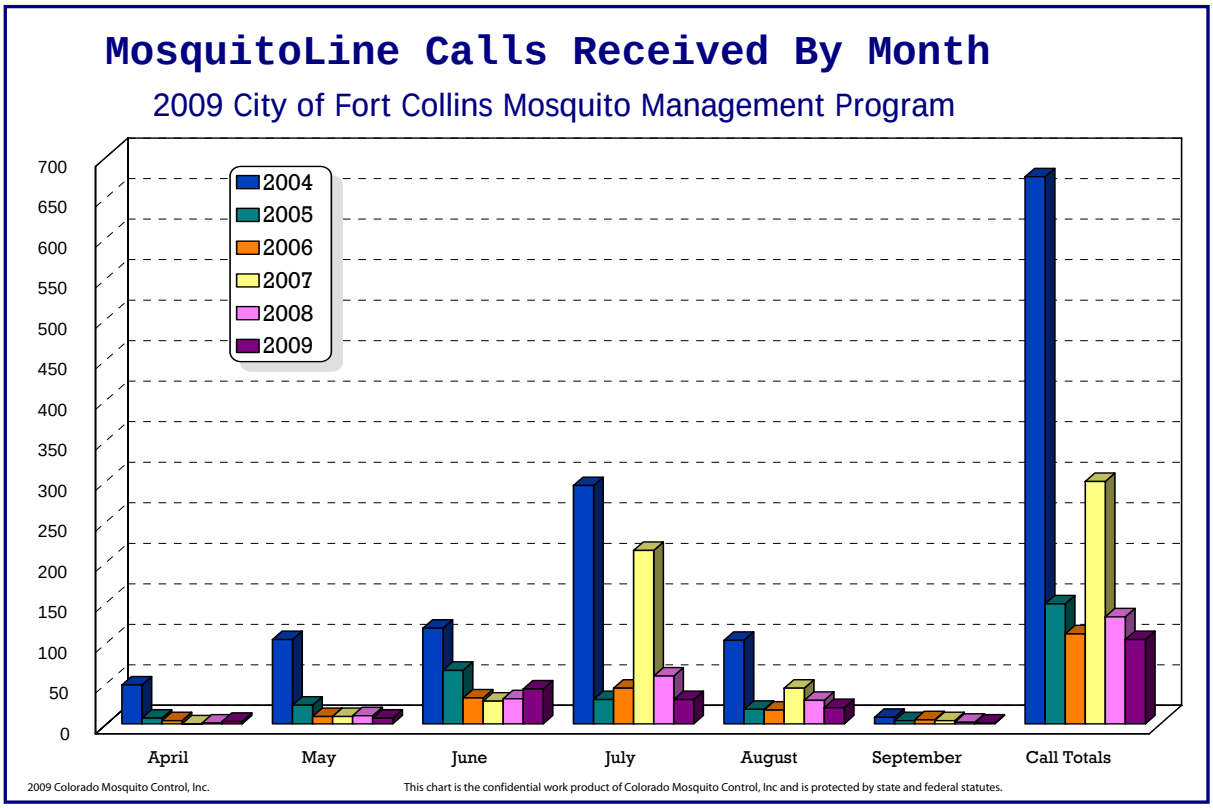
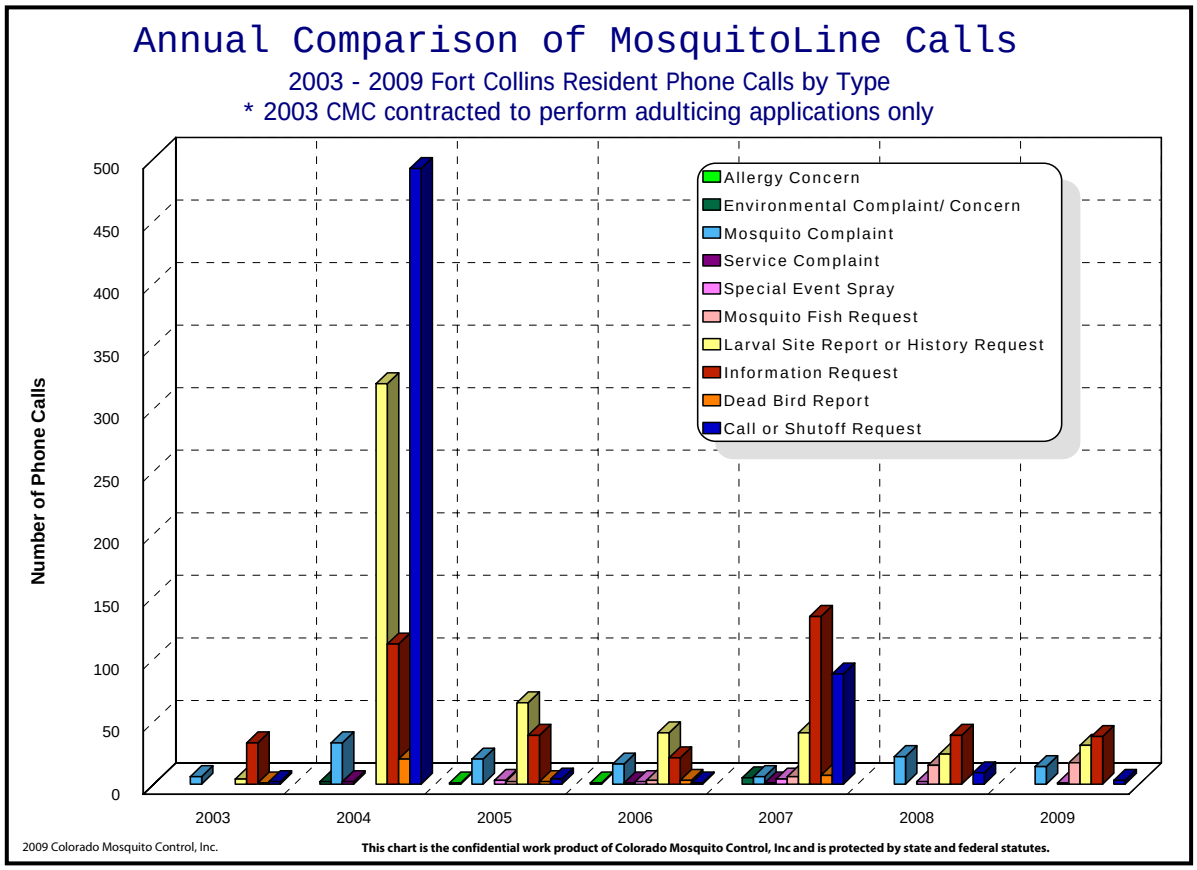
PUBLIC OUTREACH & DATA DISSEMINATION

For 23 years, CMC has demonstrated that strong Public Outreach programs, quality Data Dissemination and outstanding Customer Service standards are the keys to success in providing large-scale municipal mosquito control programs. Citizen feedback, inquiry, and satisfaction surveys aid in evaluating the effectiveness of our program. CMC constantly looks for ways to better serve the communities we work with and appreciates the citizen involvement in improving the programs that we offer. We have clearly demonstrated this commitment by proactively incorporating numerous innovative programs, activities and services into the City of Fort Collins Mosquito Control Program.

In 2009 CMC fielded 104 phone calls from City of Fort Collins residents. Of these; there were 3 requests for call notification of mosquito spraying. There were 38 requests for information regarding the City's mosquito spray program, West Nile Virus risk, and ways to reduce mosquitoes. There were 31 new larval site 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 was 1 request for a special event mosquito spray application on private property. There were 14 mosquito annoyance calls received in 2009. CMC responded to these mosquito annoyances by either providing trap data for the local area, setting floater traps, or inspecting the area for new sites that may be producing mosquitoes causing the annoyance. CMC provided information about mosquito sprays that could repel mosquitoes in their own residential yards. There were 16 phone calls received requesting stocking of fathead minnows in residential ponds. All requests were fulfilled.





CALL NOTIFICATION & SHUTOFF SYSTEM

CMC maintains a comprehensive Call Notification & Shutoff database, and will notify residents on this list whenever ULV adulticide spray applications will be conducted within an effective ULV spray drift distance. All Shutoff locations are mapped in ArcView GIS and updated annually. Call & Shutoff forms are available online and may be submitted via the CMC website or by mail.

FREE FISH STOCKING PROGRAM

CMC continues to work with residents to supply larvivorous fish to property owners that have ornamental and closed-system ponds that are not currently stocked with fish and that may be producing mosquito problems in their neighborhoods. CMC technicians physically visit the resident's homes to distribute fish along the Front Range. In 2009 CMC stocked over 1,700 fathead minnows in residential ponds within Fort Collins and Loveland.

"PREVENTION & PROTECTION" PRESENTATIONS

CMC staff provides informative presentations about personal protection, repellents, West Nile Virus activity and ways to reduce mosquitoes by dumping/ draining standing water. Examples of groups that have benefited from these presentations include employees in the Parks & Recreation Department, Utility Workers, "at risk" employees exposed to mosquito bites from outdoor work, and senior populations within communities.

Figure 1. Average *Culex pipiens* Mosquitoes per Trap Night by City

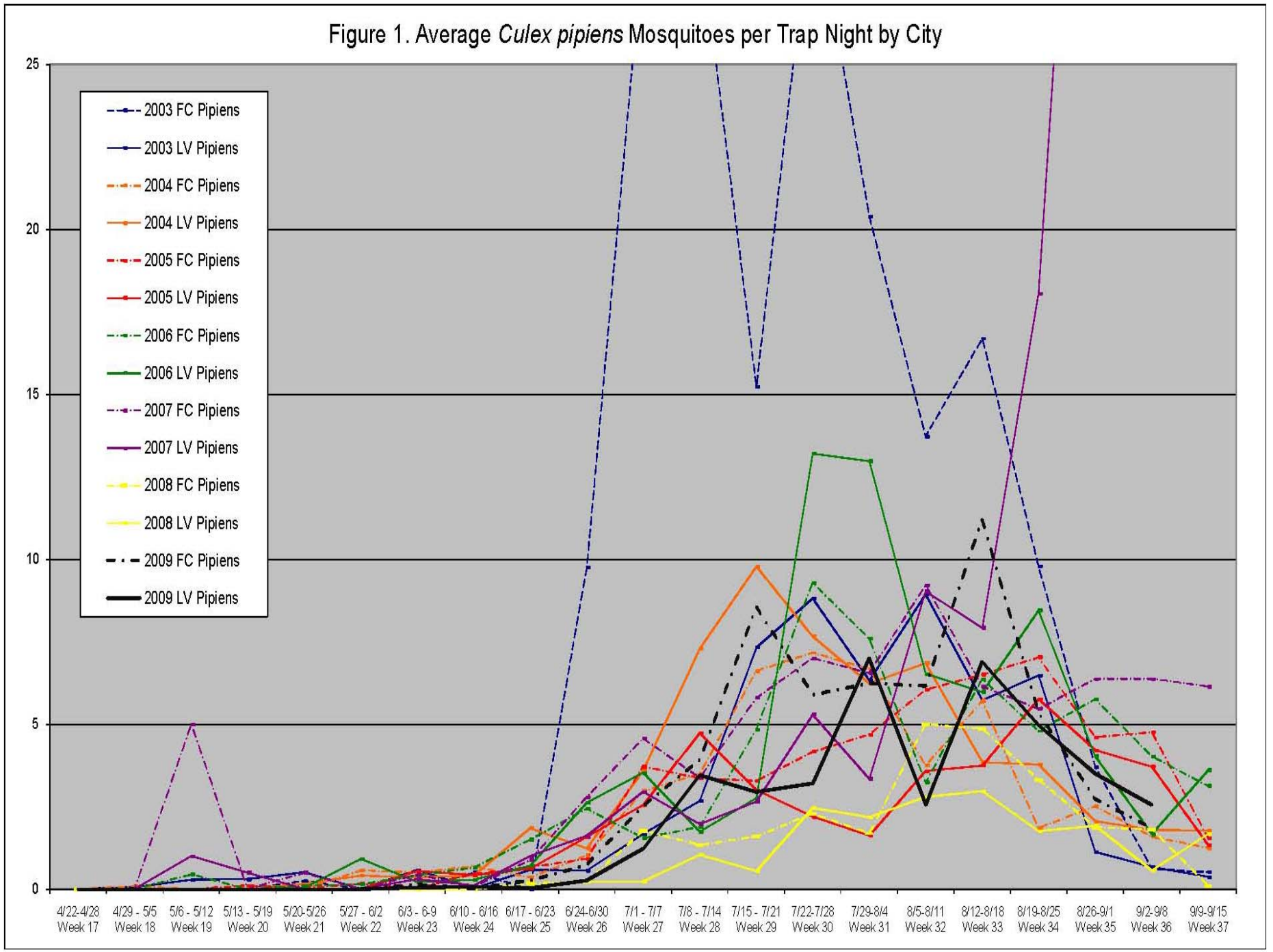
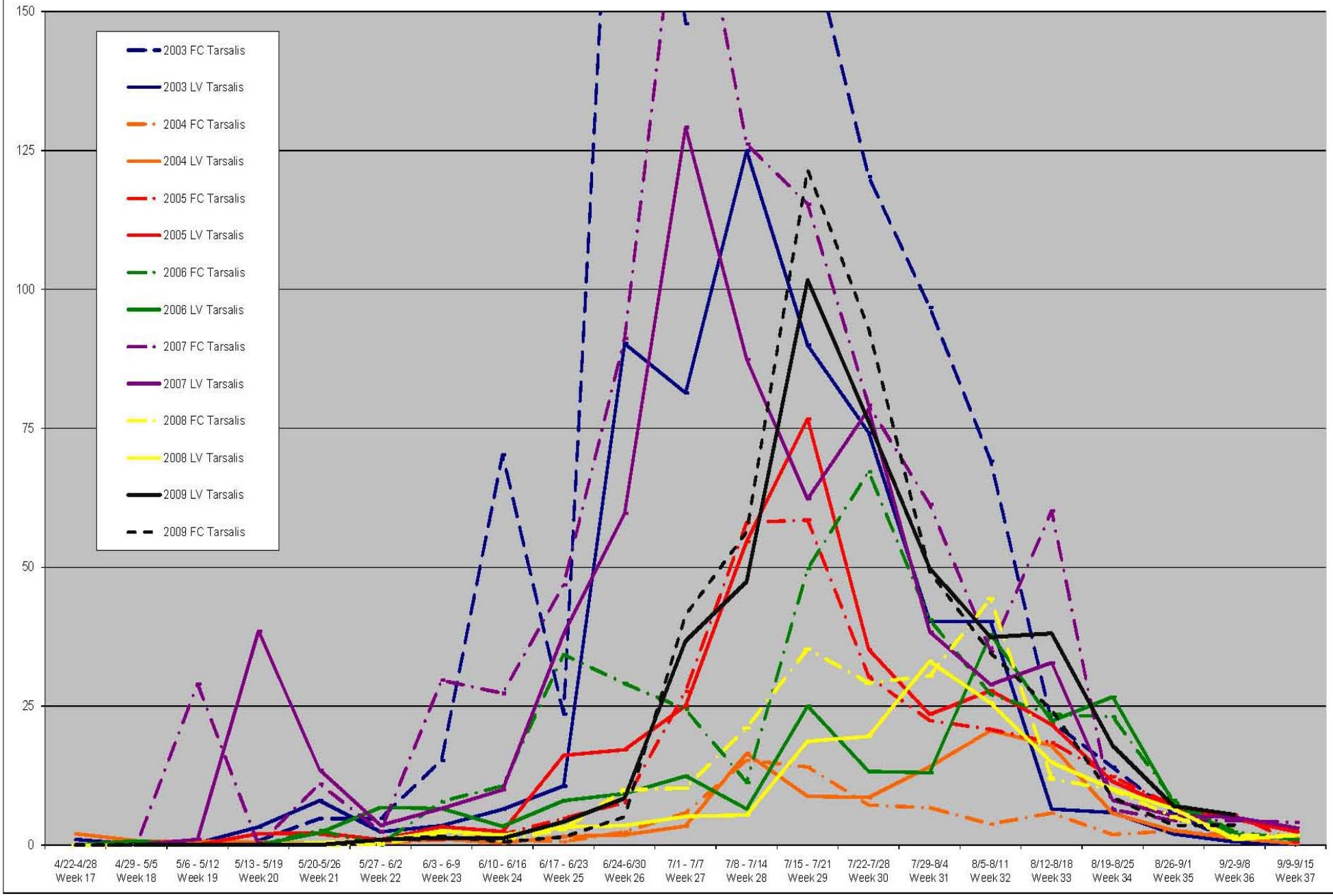


Figure 2. Average *Culex tarsalis* Mosquitoes per Trap/ Night by City

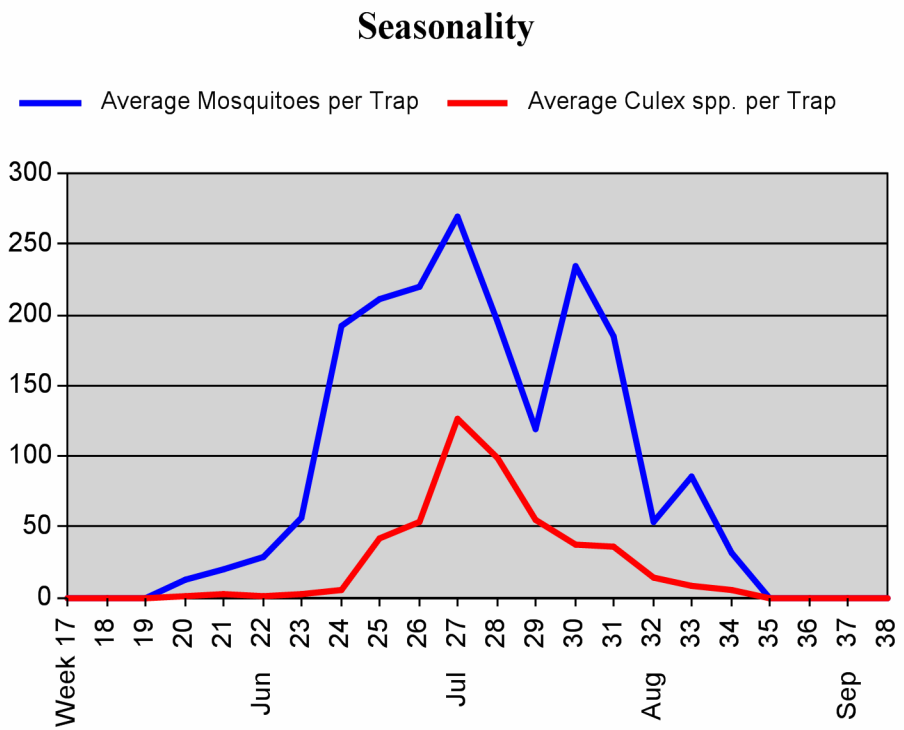


2009 Fort Collins CDC Light Trap Composite Data

Total number of trap/nights set: 592
Total number of mosquitoes collected: 88,392
Average mosquitoes per trap/night: 149
Average Culex per trap/night: 38

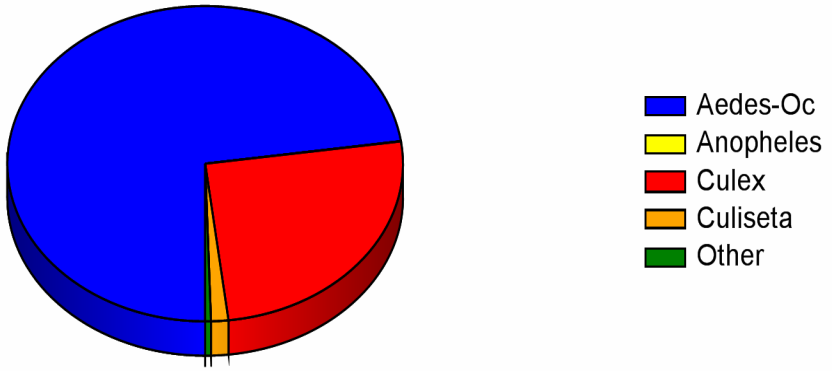
Species collected and abundance:

Aedes (Oc.) dorsalis	5749	6.5 %
Aedes (Oc.) hendersoni	2	0.0 %
Aedes (Oc.) increpitus	3124	3.5 %
Aedes (Oc.) melanimon	2657	3.0 %
Aedes (Oc.) nigromaculis	82	0.1 %
Aedes (Oc.) trivitatus	120	0.1 %
Aedes vexans	52342	59.2 %
Aedes/Ochlerotatus spp	8	0.0 %
Anopheles spp	15	0.0 %
Coquillettidia perturbans	418	0.5 %
Culex pipiens	2384	2.7 %
Culex tarsalis	20233	22.9 %
Culiseta incidens	1	0.0 %
Culiseta inornata	1256	1.4 %
Culiseta spp	1	0.0 %



Genus proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	64,815	73.3 %
Anopheles	15	0.0 %
Culex	22,630	25.6 %
Culiseta	1,258	1.4 %
Other	418	0.5 %



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FC-001: Magic Carpet

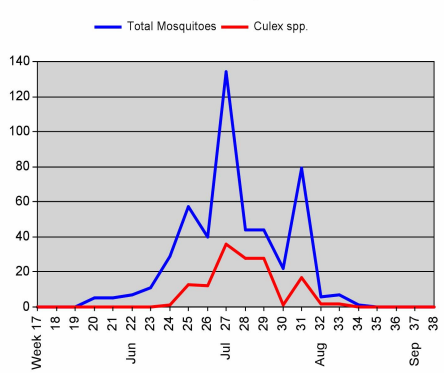
Season: 2009
Trap Type: Light/CO2
Location: Hudson and Avondale detention basin
GPS: N40° 29.454', W105° 4.946'

Total number of trap/nights set: 13
Total number of mosquitoes collected: 442
Average mosquitoes per trap/night: 34
Average Culex per trap/night: 9

Species collected and abundance:

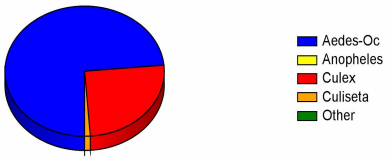
Aedes (Oc.) dorsalis	43	9.7 %
Aedes vexans	282	63.8 %
Culex pipiens	29	6.6 %
Culex tarsalis	83	18.8 %
Culiseta inornata	5	1.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	325	73.5 %
Anopheles	0	0.0 %
Culex	112	25.3 %
Culiseta	5	1.1 %
Other	0	0.0 %



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FC-002: 3907 Benthaven

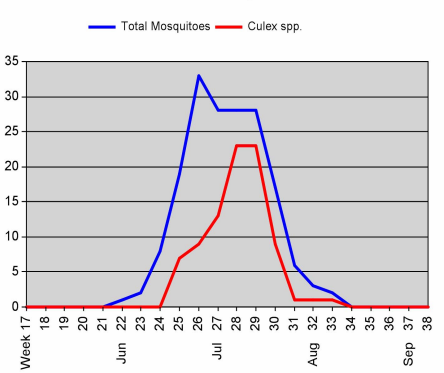
Season: 2009
Trap Type: Light/CO2
Location: 3907 Benthaven
GPS: N40° 32.023', W105° 5.229'

Total number of trap/nights set: 11
Total number of mosquitoes collected: 147
Average mosquitoes per trap/night: 13
Average Culex per trap/night: 6

Species collected and abundance:

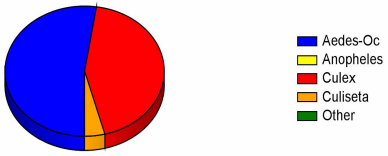
Aedes (Oc.) dorsalis	6	4.1 %
Aedes vexans	71	48.3 %
Culex pipiens	4	2.7 %
Culex tarsalis	60	40.8 %
Culiseta inornata	6	4.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	77	52.4 %
Anopheles	0	0.0 %
Culex	64	43.5 %
Culiseta	6	4.1 %
Other	0	0.0 %



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FC-004: Bighorn Drive

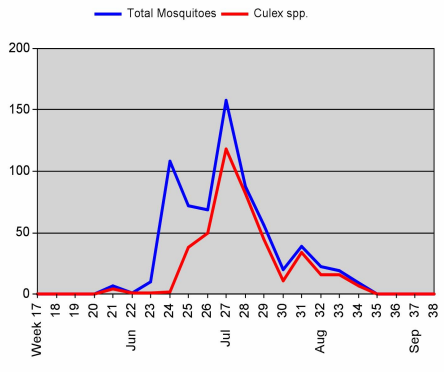
Season: 2009
Trap Type: Light/CO2
Location: Along side fence of 2201 Bighorn Drive
GPS: N40° 32.103', W105° 2.252'

Total number of trap/nights set: 21
Total number of mosquitoes collected: 1,277
Average mosquitoes per trap/night: 61
Average Culex per trap/night: 37

Species collected and abundance:

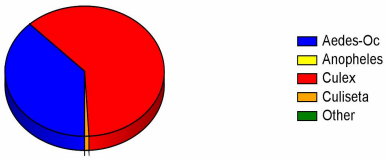
Aedes (Oc.) dorsalis	57	4.5 %
Aedes (Oc.) increpitus	11	0.9 %
Aedes (Oc.) melanimon	77	6.0 %
Aedes (Oc.) trivitatus	4	0.3 %
Aedes vexans	330	25.8 %
Culex pipiens	40	3.1 %
Culex tarsalis	747	58.5 %
Culiseta inornata	11	0.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	487	38.1 %
Anopheles	0	0.0 %
Culex	787	61.6 %
Culiseta	11	0.9 %
Other	0	0.0 %



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FC-006: North Linden

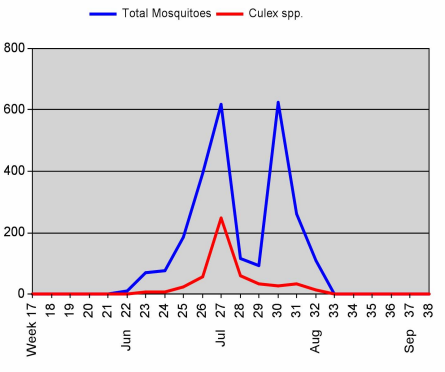
Season: 2009
Trap Type: Light/CO2
Location: North Linden at east side of bike trail
GPS: N40° 35.489, W105° 4.267'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 3,176
Average mosquitoes per trap/night: 265
Average Culex per trap/night: 44

Species collected and abundance:

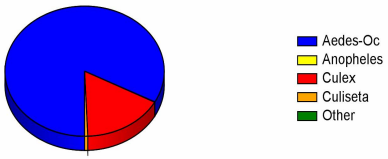
Aedes (Oc.) dorsalis	118	3.7 %
Aedes (Oc.) hendersoni	2	0.1 %
Aedes (Oc.) increpitus	14	0.4 %
Aedes (Oc.) melanimon	19	0.6 %
Aedes (Oc.) trivitatus	1	0.0 %
Aedes vexans	2476	78.0 %
Aedes/Ochlerotatus spp	1	0.0 %
Anopheles spp	2	0.1 %
Culex pipiens	82	2.6 %
Culex tarsalis	441	13.9 %
Culiseta inornata	20	0.6 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	2,631	82.8 %
Anopheles	2	0.1 %
Culex	523	16.5 %
Culiseta	20	0.6 %
Other	0	0.0 %



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FC-011: Golden Current

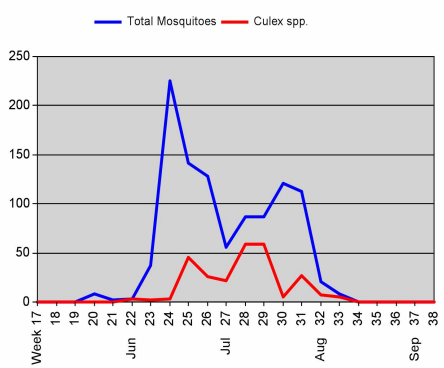
Season: 2009
Trap Type: Light/CO2
Location: Golden Current and Banyan
GPS: N40° 34.179', W105° 8.126'

Total number of trap/nights set: 13
Total number of mosquitoes collected: 950
Average mosquitoes per trap/night: 73
Average Culex per trap/night: 16

Species collected and abundance:

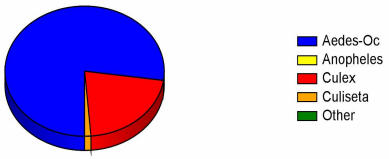
Aedes (Oc.) dorsalis	286	30.1 %
Aedes (Oc.) increpitus	4	0.4 %
Aedes (Oc.) melanimon	9	0.9 %
Aedes vexans	435	45.8 %
Culex pipiens	28	2.9 %
Culex tarsalis	176	18.5 %
Culiseta inornata	12	1.3 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	734	77.3 %
Anopheles	0	0.0 %
Culex	204	21.5 %
Culiseta	12	1.3 %
Other	0	0.0 %



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FC-014: Fort Collins Vistors Center

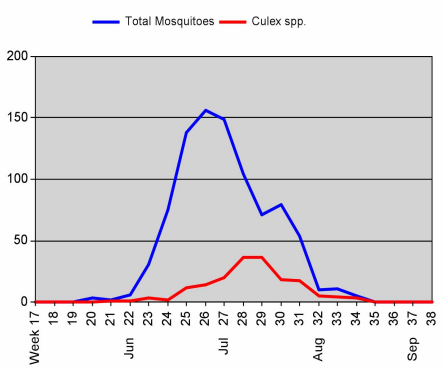
Season: 2009
Trap Type: Light/CO2
Location: off Prospect at nature trail and creek
GPS: N40° 33.916', W105° 3.92'

Total number of trap/nights set: 22
Total number of mosquitoes collected: 1,664
Average mosquitoes per trap/night: 76
Average Culex per trap/night: 14

Species collected and abundance:

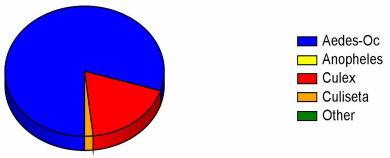
Aedes (Oc.) dorsalis	229	13.8 %
Aedes (Oc.) increpitus	6	0.4 %
Aedes (Oc.) melanimon	369	22.2 %
Aedes (Oc.) nigromaculis	3	0.2 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	721	43.3 %
Culex pipiens	14	0.8 %
Culex tarsalis	293	17.6 %
Culiseta inornata	28	1.7 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,329	79.9 %
Anopheles	0	0.0 %
Culex	307	18.5 %
Culiseta	28	1.7 %
Other	0	0.0 %



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FC-015: Stuart and Dorset

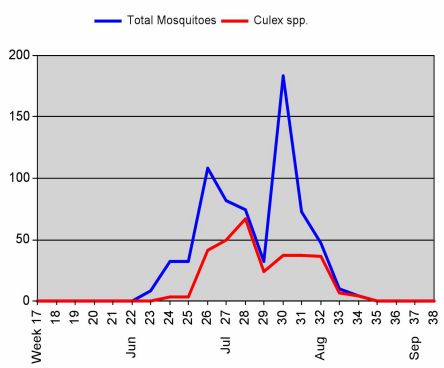
Season: 2009
Trap Type: Light/CO2
Location: Stuart and Romedale ditch
GPS: N40° 33.603', W105° 7.445'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 653
Average mosquitoes per trap/night: 54
Average Culex per trap/night: 26

Species collected and abundance:

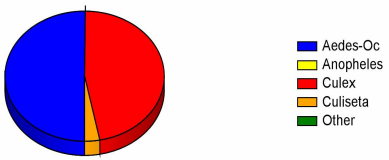
Aedes (Oc.) dorsalis	10	1.5 %
Aedes (Oc.) increpitus	3	0.5 %
Aedes (Oc.) melanimon	1	0.2 %
Aedes (Oc.) trivitatus	1	0.2 %
Aedes vexans	312	47.8 %
Culex pipiens	96	14.7 %
Culex tarsalis	210	32.2 %
Culiseta inornata	20	3.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	328	50.2 %
Anopheles	0	0.0 %
Culex	306	46.9 %
Culiseta	20	3.1 %
Other	0	0.0 %



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FC-019: Edora Park

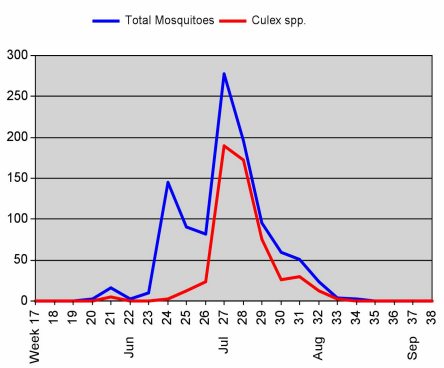
Season: 2009
Trap Type: Light/CO2
Location: Prospect and Welch in Edora Park
GPS: N40° 33.926', W105° 3.156'

Total number of trap/nights set: 16
Total number of mosquitoes collected: 1,199
Average mosquitoes per trap/night: 75
Average Culex per trap/night: 38

Species collected and abundance:

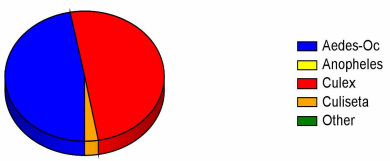
Aedes (Oc.) dorsalis	25	2.1 %
Aedes (Oc.) increpitus	15	1.3 %
Aedes (Oc.) melanimon	24	2.0 %
Aedes (Oc.) nigromaculis	1	0.1 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	498	41.5 %
Culex pipiens	101	8.4 %
Culex tarsalis	501	41.8 %
Culiseta inornata	33	2.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	565	47.1 %
Anopheles	0	0.0 %
Culex	602	50.2 %
Culiseta	33	2.8 %
Other	0	0.0 %



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FC-023: Boltz

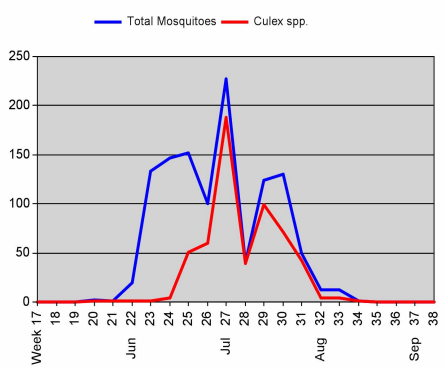
Season: 2009
Trap Type: Light/CO2
Location: 720 Boltz Drive (Boltz Junior High School)
GPS: N40° 32.666', W105° 3.858'

Total number of trap/nights set:	14
Total number of mosquitoes collected:	1,139
Average mosquitoes per trap/night:	81
Average Culex per trap/night:	40

Species collected and abundance:

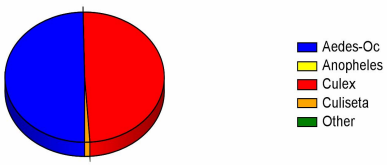
Aedes (Oc.) dorsalis	52	4.6 %
Aedes (Oc.) melanimon	11	1.0 %
Aedes vexans	503	44.2 %
Culex pipiens	46	4.0 %
Culex tarsalis	515	45.2 %
Culiseta inornata	12	1.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	566	49.7 %
Anopheles	0	0.0 %
Culex	561	49.3 %
Culiseta	12	1.1 %
Other	0	0.0 %



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FC-027: San Luis

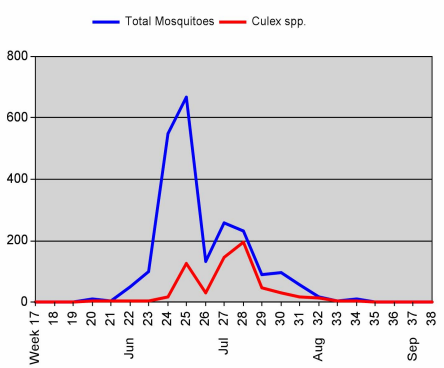
Season: 2009
Trap Type: Light/CO2
Location: behind 3001 San Luis along ditch
GPS: N40° 32.813', W105° 1.997'

Total number of trap/nights set:	15
Total number of mosquitoes collected:	2,275
Average mosquitoes per trap/night:	152
Average Culex per trap/night:	43

Species collected and abundance:

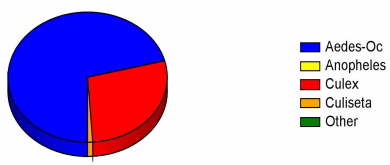
Aedes (Oc.) dorsalis	230	10.1 %
Aedes (Oc.) increpitus	9	0.4 %
Aedes (Oc.) melanimon	178	7.8 %
Aedes (Oc.) trivitatus	1	0.0 %
Aedes vexans	1196	52.6 %
Culex pipiens	27	1.2 %
Culex tarsalis	611	26.9 %
Culiseta inornata	23	1.0 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,614	70.9 %
Anopheles	0	0.0 %
Culex	638	28.0 %
Culiseta	23	1.0 %
Other	0	0.0 %



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FC-029: Bens Park

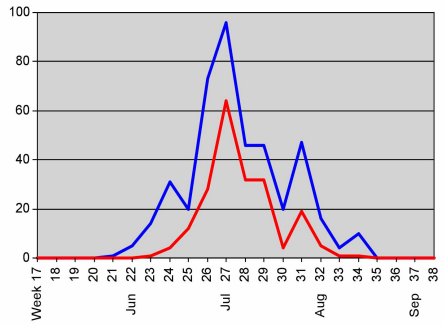
Season: 2009
Trap Type: Light/CO2
Location: Fossil Ridge Park on Fossil Creek Parkway
GPS: N40° 30.672', W105° 4.321'

Total number of trap/nights set:	13
Total number of mosquitoes collected:	383
Average mosquitoes per trap/night:	29
Average Culex per trap/night:	13

Species collected and abundance:

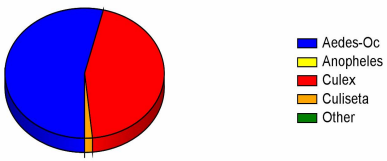
Aedes (Oc.) dorsalis	44	11.5 %
Aedes (Oc.) melanimon	1	0.3 %
Aedes (Oc.) trivitatus	1	0.3 %
Aedes vexans	160	41.8 %
Culex pipiens	3	0.8 %
Culex tarsalis	168	43.9 %
Culiseta inornata	6	1.6 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	206	53.8 %
Anopheles	0	0.0 %
Culex	171	44.6 %
Culiseta	6	1.6 %
Other	0	0.0 %



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FC-030: Cambridge

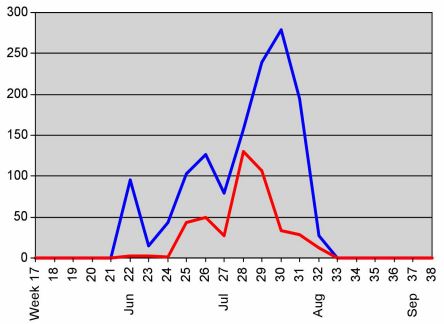
Season: 2009
Trap Type: Light/CO2
Location: 4700 Cambridge
GPS: N40° 31.224', W105° 0.622'

Total number of trap/nights set:	11
Total number of mosquitoes collected:	1,375
Average mosquitoes per trap/night:	125
Average Culex per trap/night:	39

Species collected and abundance:

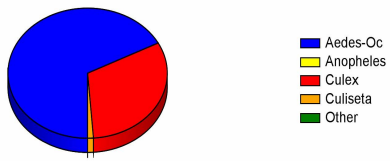
Aedes (Oc.) dorsalis	116	8.4 %
Aedes (Oc.) melanimon	25	1.8 %
Aedes (Oc.) nigromaculis	5	0.4 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	778	56.6 %
Culex pipiens	15	1.1 %
Culex tarsalis	419	30.5 %
Culiseta inornata	16	1.2 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	927	67.4 %
Anopheles	0	0.0 %
Culex	434	31.6 %
Culiseta	16	1.2 %
Other	0	0.0 %



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FC-031: Willow Spings

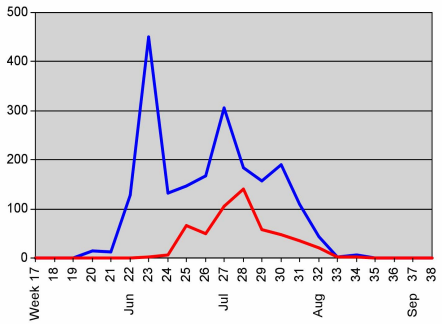
Season: 2009
Trap Type: Light/CO2
Location: Timberline just past Willow Springs Way
GPS: N40° 30.374', W105° 2.346'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 2,055
Average mosquitoes per trap/night: 137
Average Culex per trap/night: 36

Species collected and abundance:

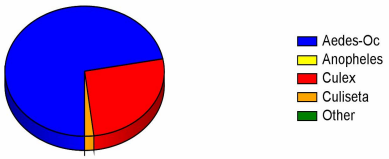
Aedes (Oc.) dorsalis	97	4.7 %
Aedes (Oc.) increpitus	1	0.0 %
Aedes (Oc.) melanimon	68	3.3 %
Aedes (Oc.) trivitatus	2	0.1 %
Aedes vexans	1310	63.7 %
Culex pipiens	11	0.5 %
Culex tarsalis	528	25.7 %
Culiseta inornata	38	1.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,481	72.1 %
Anopheles	0	0.0 %
Culex	539	26.2 %
Culiseta	38	1.8 %
Other	0	0.0 %



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FC-033: Sage Creek

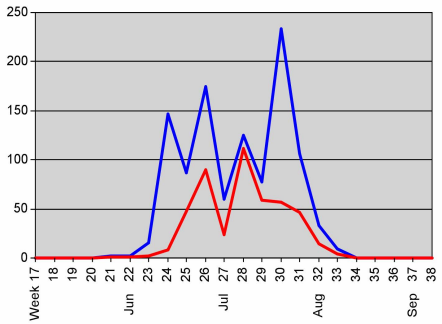
Season: 2009
Trap Type: Light/CO2
Location: 5237 Zeigler
GPS: N40° 30.801', W105° 1.208'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 1,070
Average mosquitoes per trap/night: 89
Average Culex per trap/night: 39

Species collected and abundance:

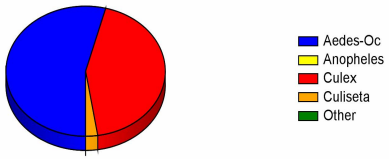
Aedes (Oc.) dorsalis	216	20.2 %
Aedes (Oc.) increpitus	3	0.3 %
Aedes (Oc.) melanimon	20	1.9 %
Aedes (Oc.) nigromaculis	8	0.7 %
Aedes vexans	331	30.9 %
Culex pipiens	6	0.6 %
Culex tarsalis	460	43.0 %
Culiseta inornata	26	2.4 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	579	54.1 %
Anopheles	0	0.0 %
Culex	466	43.6 %
Culiseta	26	2.4 %
Other	0	0.0 %



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FC-034: Country Club

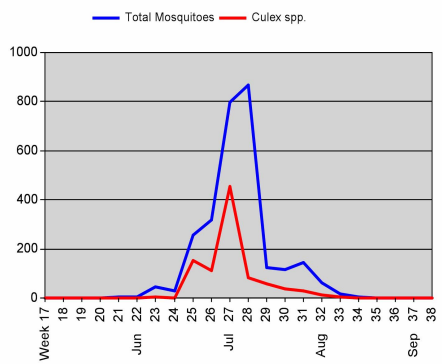
Season: 2009
Trap Type: Light/CO2
Location:
GPS: N40° 37.564', W105° 3.124'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 2,791
Average mosquitoes per trap/night: 186
Average Culex per trap/night: 63

Species collected and abundance:

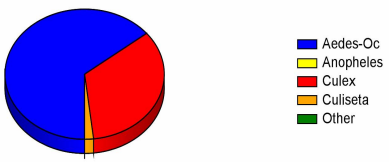
Aedes (Oc.) dorsalis	400	14.3 %
Aedes (Oc.) increpitus	1	0.0 %
Aedes (Oc.) melanimon	11	0.4 %
Aedes (Oc.) trivitatus	2	0.1 %
Aedes vexans	1378	49.4 %
Culex pipiens	26	0.9 %
Culex tarsalis	923	33.1 %
Culiseta inornata	50	1.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,792	64.2 %
Anopheles	0	0.0 %
Culex	949	34.0 %
Culiseta	50	1.8 %
Other	0	0.0 %



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FC-036: Hemlock

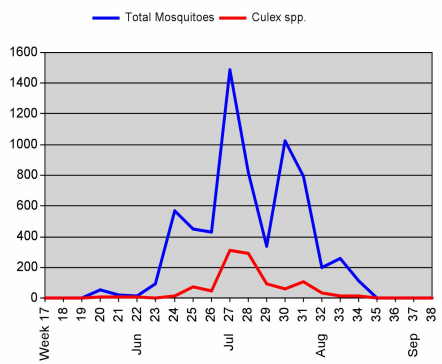
Season: 2009
Trap Type: Light/CO2
Location: Hemlock Street at Rivers Edge FCNA
GPS: N40° 36.012', W105° 4.782'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 7,095
Average mosquitoes per trap/night: 473
Average Culex per trap/night: 74

Species collected and abundance:

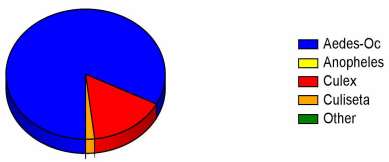
Aedes (Oc.) dorsalis	179	2.5 %
Aedes (Oc.) increpitus	250	3.5 %
Aedes (Oc.) melanimon	5	0.1 %
Aedes (Oc.) nigromaculis	2	0.0 %
Aedes (Oc.) trivitatus	25	0.4 %
Aedes vexans	5397	76.1 %
Culex pipiens	76	1.1 %
Culex tarsalis	1033	14.6 %
Culiseta inornata	128	1.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	5,868	82.7 %
Anopheles	0	0.0 %
Culex	1,109	15.6 %
Culiseta	128	1.8 %
Other	0	0.0 %



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FC-037: Chelsea Ridge

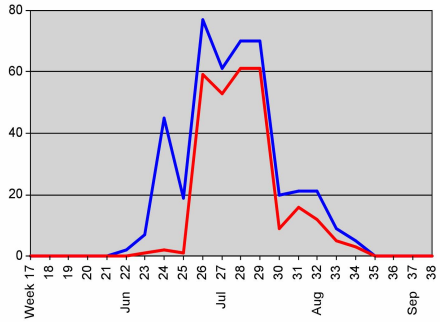
Season: 2009
Trap Type: Light/CO2
Location: 1113 Wooded Creek Court
GPS: N40° 30.996', W105° 5.892'

Total number of trap/nights set:	12
Total number of mosquitoes collected:	357
Average mosquitoes per trap/night:	30
Average Culex per trap/night:	18

Species collected and abundance:

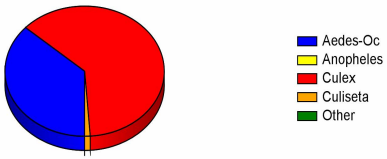
Aedes (Oc.) dorsalis	9	2.5 %
Aedes (Oc.) melanimon	1	0.3 %
Aedes vexans	121	33.9 %
Culex pipiens	14	3.9 %
Culex tarsalis	208	58.3 %
Culiseta inornata	4	1.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	131	36.7 %
Anopheles	0	0.0 %
Culex	222	62.2 %
Culiseta	4	1.1 %
Other	0	0.0 %



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FC-038: Lockside Lane

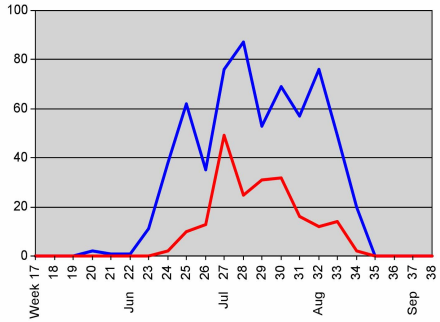
Season: 2009
Trap Type: Light/CO2
Location: Lockside Lane and Glenlock Drive
GPS: N40° 35.940', W105° 0.427'

Total number of trap/nights set:	15
Total number of mosquitoes collected:	712
Average mosquitoes per trap/night:	47
Average Culex per trap/night:	17

Species collected and abundance:

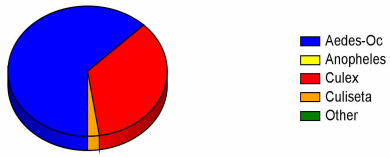
Aedes (Oc.) dorsalis	135	19.0 %
Aedes (Oc.) increpitus	1	0.1 %
Aedes (Oc.) melanimon	11	1.5 %
Aedes (Oc.) nigromaculis	4	0.6 %
Aedes vexans	289	40.6 %
Culex pipiens	22	3.1 %
Culex tarsalis	233	32.7 %
Culiseta inornata	17	2.4 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	452	63.5 %
Anopheles	0	0.0 %
Culex	255	35.8 %
Culiseta	17	2.4 %
Other	0	0.0 %



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FC-039: Fossil Creek South (Greenstone)

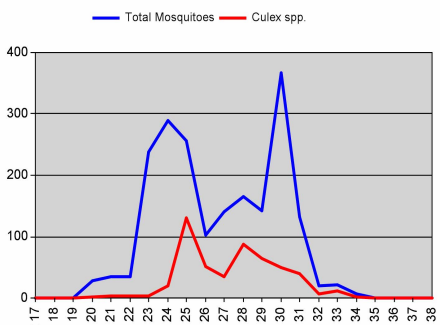
Season: 2009
Trap Type: Light/CO2
Location: Timberline and Cty Rd 32 in Fossil Creek FCNA
GPS: N40° 28.857', W105° 2.355'

Total number of trap/nights set:	14
Total number of mosquitoes collected:	1,944
Average mosquitoes per trap/night:	139
Average Culex per trap/night:	36

Species collected and abundance:

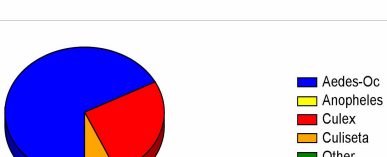
Aedes (Oc.) dorsalis	603	31.0 %
Aedes (Oc.) increpitus	5	0.3 %
Aedes (Oc.) melanimon	80	4.1 %
Aedes (Oc.) nigromaculis	9	0.5 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	608	31.3 %
Culex pipiens	25	1.3 %
Culex tarsalis	483	24.8 %
Culiseta inornata	130	6.7 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,312	67.5 %
Anopheles	0	0.0 %
Culex	508	26.1 %
Culiseta	130	6.7 %
Other	0	0.0 %



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FC-040: Redwood

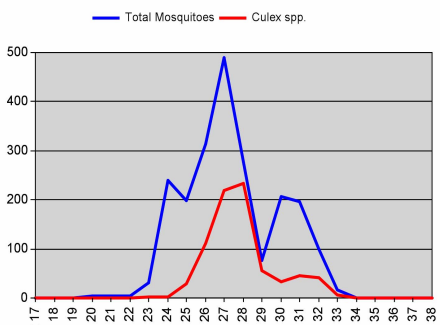
Season: 2009
Trap Type: Light/CO2
Location: Redwood and Conifer at Electrical Post
GPS: N40° 36.201', W105° 4.047'

Total number of trap/nights set:	14
Total number of mosquitoes collected:	2,155
Average mosquitoes per trap/night:	154
Average Culex per trap/night:	56

Species collected and abundance:

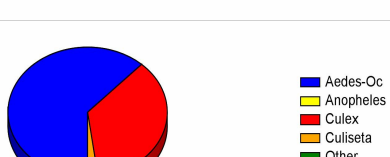
Aedes (Oc.) dorsalis	622	28.9 %
Aedes (Oc.) increpitus	2	0.1 %
Aedes (Oc.) melanimon	35	1.6 %
Aedes (Oc.) nigromaculis	26	1.2 %
Aedes (Oc.) trivitatus	2	0.1 %
Aedes vexans	646	30.0 %
Culex pipiens	61	2.8 %
Culex tarsalis	716	33.2 %
Culiseta inornata	45	2.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,333	61.9 %
Anopheles	0	0.0 %
Culex	777	36.1 %
Culiseta	45	2.1 %
Other	0	0.0 %



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FC-041: Fishback

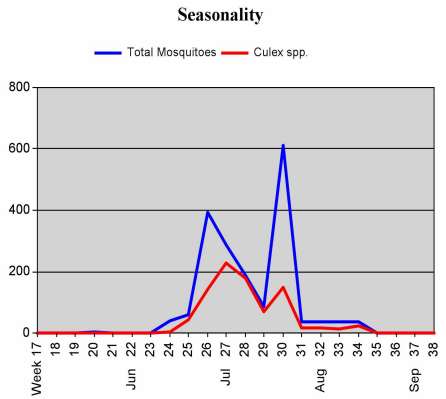
Season: 2009
Trap Type: Light/CO2
Location: Fishback and Richards Place Alley
GPS: N40° 35.265', W105° 6.260'

Total number of trap/nights set: 13
Total number of mosquitoes collected: 1,779
Average mosquitoes per trap/night: 137
Average Culex per trap/night: 66

Species collected and abundance:

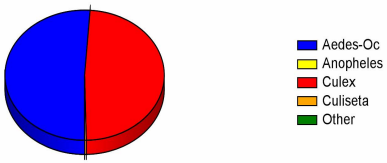
Aedes (Oc.) dorsalis	28	1.6 %
Aedes (Oc.) increpitus	4	0.2 %
Aedes (Oc.) melanimon	2	0.1 %
Aedes (Oc.) trivitatus	10	0.6 %
Aedes vexans	865	48.6 %
Culex pipiens	153	8.6 %
Culex tarsalis	711	40.0 %
Culiseta inornata	6	0.3 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	909	51.1 %
Anopheles	0	0.0 %
Culex	864	48.6 %
Culiseta	6	0.3 %
Other	0	0.0 %



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FC-046: 725 Westshore Court

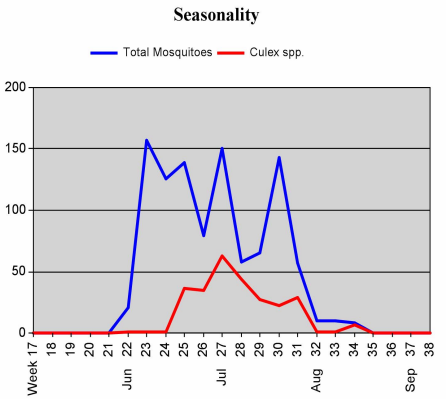
Season: 2009
Trap Type: Light/CO2
Location: 725 Westshore Court
GPS: N40° 31.792', W105° 3.905'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 1,013
Average mosquitoes per trap/night: 84
Average Culex per trap/night: 22

Species collected and abundance:

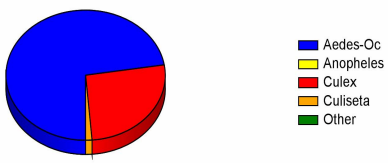
Aedes (Oc.) dorsalis	30	3.0 %
Aedes (Oc.) increpitus	5	0.5 %
Aedes (Oc.) melanimon	14	1.4 %
Aedes (Oc.) nigromaculis	1	0.1 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	683	67.4 %
Culex pipiens	12	1.2 %
Culex tarsalis	254	25.1 %
Culiseta inornata	13	1.3 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	734	72.5 %
Anopheles	0	0.0 %
Culex	266	26.3 %
Culiseta	13	1.3 %
Other	0	0.0 %



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FC-047: Keenland & Twin Oak

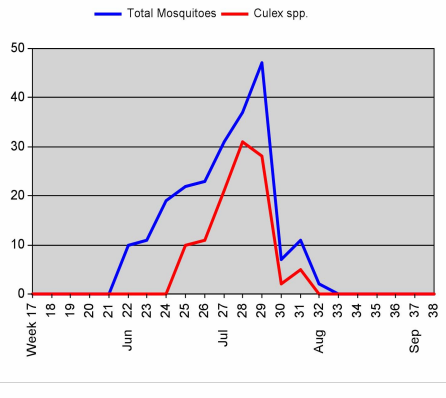
Season: 2009
Trap Type: Light/CO2
Location: at detention basin off of Keenland and Twin Oak
GPS: N40° 30.905', W105° 3.171'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 227
Average mosquitoes per trap/night: 19
Average Culex per trap/night: 9

Species collected and abundance:

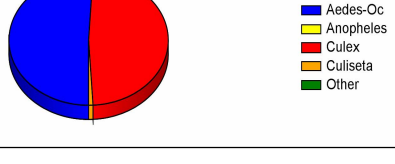
Aedes (Oc.) dorsalis	5	2.2 %
Aedes (Oc.) nigromaculis	1	0.4 %
Aedes vexans	109	48.0 %
Culex pipiens	4	1.8 %
Culex tarsalis	106	46.7 %
Culiseta inornata	2	0.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	116	51.1 %
Anopheles	0	0.0 %
Culex	110	48.5 %
Culiseta	2	0.9 %
Other	0	0.0 %



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FC-049: Casa Grande and Downing

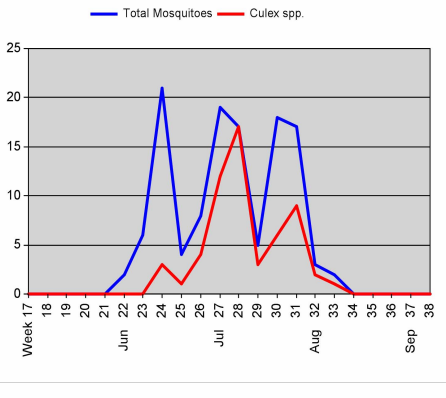
Season: 2009
Trap Type: Light/CO2
Location: along west side of ditch off Downing
GPS: N40° 32.523', W105° 6.404'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 122
Average mosquitoes per trap/night: 10
Average Culex per trap/night: 5

Species collected and abundance:

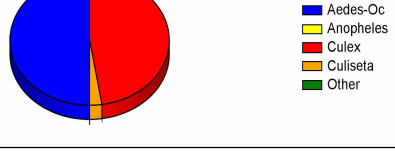
Aedes (Oc.) increpitus	2	1.6 %
Aedes vexans	59	48.4 %
Culex pipiens	25	20.5 %
Culex tarsalis	33	27.0 %
Culiseta inornata	3	2.5 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	61	50.0 %
Anopheles	0	0.0 %
Culex	58	47.5 %
Culiseta	3	2.5 %
Other	0	0.0 %



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FC-050: Golden Meadows Ditch

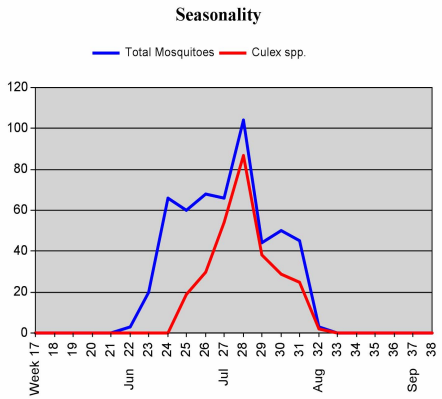
Season: 2009
Trap Type: Light/CO2
Location: park at 1513 Ticonderoga along ditch
GPS: N40° 31.743', W105° 3.051'

Total number of trap/nights set: 11
Total number of mosquitoes collected: 529
Average mosquitoes per trap/night: 48
Average Culex per trap/night: 26

Species collected and abundance:

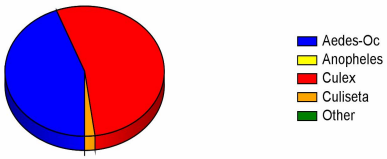
Aedes (Oc.) dorsalis	7	1.3 %
Aedes vexans	227	42.9 %
Culex pipiens	7	1.3 %
Culex tarsalis	277	52.4 %
Culiseta inornata	11	2.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	234	44.2 %
Anopheles	0	0.0 %
Culex	284	53.7 %
Culiseta	11	2.1 %
Other	0	0.0 %



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FC-052: 603 Gilgalad Way

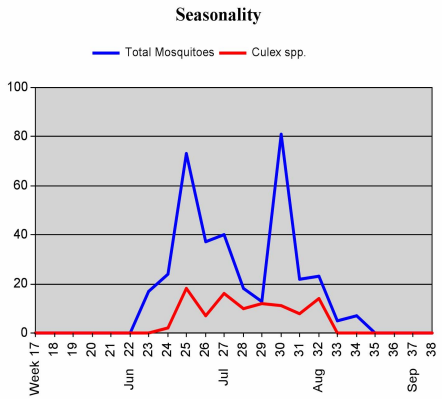
Season: 2009
Trap Type: Light/CO2
Location: 603 Gilgalad Way
GPS: N40° 33.696', W105° 5.212'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 360
Average mosquitoes per trap/night: 30
Average Culex per trap/night: 8

Species collected and abundance:

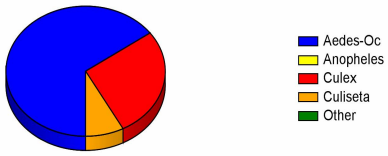
Aedes (Oc.) dorsalis	10	2.8 %
Aedes (Oc.) increpitus	1	0.3 %
Aedes (Oc.) melanimon	2	0.6 %
Aedes (Oc.) trivitatus	1	0.3 %
Aedes vexans	220	61.1 %
Culex pipiens	10	2.8 %
Culex tarsalis	88	24.4 %
Culiseta inornata	28	7.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	234	65.0 %
Anopheles	0	0.0 %
Culex	98	27.2 %
Culiseta	28	7.8 %
Other	0	0.0 %



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FC-053: Egret and Rookery

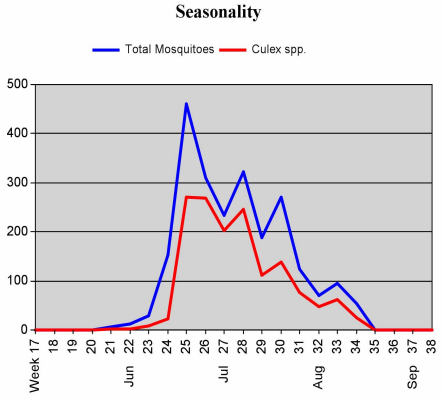
Season: 2009
Trap Type: Light/CO2
Location: 3480 Egret Lane
GPS: N40° 29.878', W105° 0.694'

Total number of trap/nights set: 21
Total number of mosquitoes collected: 4,394
Average mosquitoes per trap/night: 209
Average Culex per trap/night: 135

Species collected and abundance:

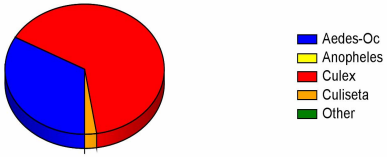
Aedes (Oc.) dorsalis	160	3.6 %
Aedes (Oc.) increpitus	8	0.2 %
Aedes (Oc.) melanimon	60	1.4 %
Aedes (Oc.) nigromaculis	2	0.0 %
Aedes (Oc.) trivitatus	14	0.3 %
Aedes vexans	1206	27.4 %
Culex pipiens	87	2.0 %
Culex tarsalis	2751	62.6 %
Culiseta inornata	106	2.4 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,461	33.3 %
Anopheles	0	0.0 %
Culex	2,838	64.6 %
Culiseta	106	2.4 %
Other	0	0.0 %



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FC-054: 737 Parilment Court

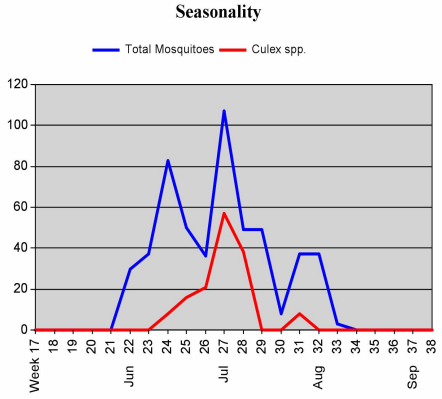
Season: 2009
Trap Type: Light/CO2
Location: behind 737 along drainage ditch
GPS: N40° 30.022', W105° 3.818'

Total number of trap/nights set: 11
Total number of mosquitoes collected: 440
Average mosquitoes per trap/night: 40
Average Culex per trap/night: 13

Species collected and abundance:

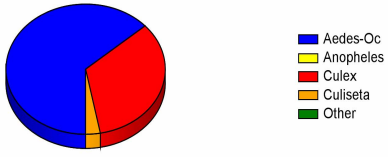
Aedes (Oc.) dorsalis	51	11.6 %
Aedes vexans	228	51.8 %
Culex pipiens	9	2.0 %
Culex tarsalis	139	31.6 %
Culiseta inornata	13	3.0 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	279	63.4 %
Anopheles	0	0.0 %
Culex	148	33.6 %
Culiseta	13	3.0 %
Other	0	0.0 %



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FC-057: Registry Ridge- End of Ranger Dr

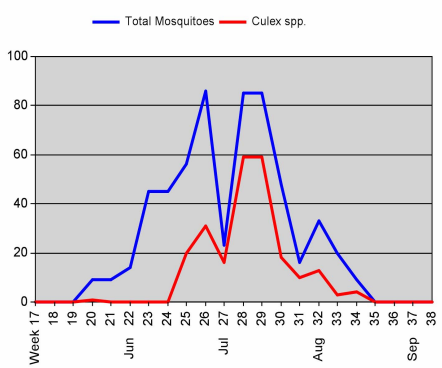
Season: 2009
Trap Type: Light/CO2
Location: between 7262 and 7256 at drainage to open space
GPS: N40° 29.053', W105° 6.312'

Total number of trap/nights set:	12
Total number of mosquitoes collected:	444
Average mosquitoes per trap/night:	37
Average Culex per trap/night:	15

Species collected and abundance:

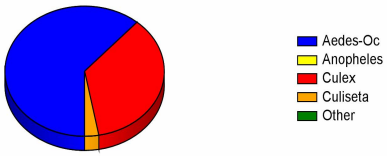
Aedes (Oc.) dorsalis	184	41.4 %
Aedes (Oc.) melanimon	4	0.9 %
Aedes (Oc.) nigromaculis	3	0.7 %
Aedes vexans	64	14.4 %
Culex pipiens	15	3.4 %
Culex tarsalis	160	36.0 %
Culiseta incidens	1	0.2 %
Culiseta inornata	13	2.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	301	67.8 %
Anopheles	0	0.0 %
Culex	175	39.4 %
Culiseta	14	3.2 %
Other	0	0.0 %



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FC-058: Spring Creek Trail @ Michener Dr

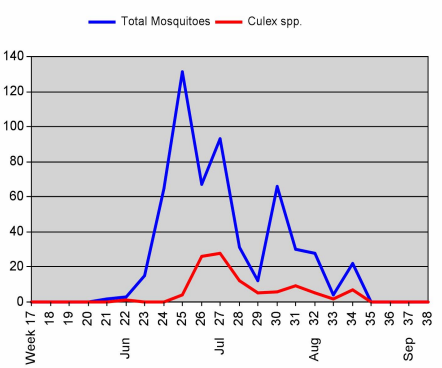
Season: 2009
Trap Type: Light/CO2
Location: Spring Creek Trail at Michener Drive
GPS: N40° 32.920, W105° 7.548'

Total number of trap/nights set:	14
Total number of mosquitoes collected:	569
Average mosquitoes per trap/night:	41
Average Culex per trap/night:	8

Species collected and abundance:

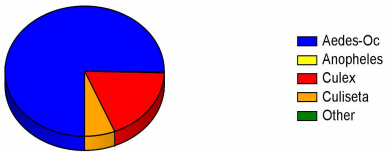
Aedes (Oc.) dorsalis	5	0.9 %
Aedes (Oc.) increpitus	40	7.0 %
Aedes (Oc.) melanimon	5	0.9 %
Aedes vexans	378	66.4 %
Anopheles spp	1	0.2 %
Culex pipiens	21	3.7 %
Culex tarsalis	84	14.8 %
Culiseta inornata	35	6.2 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	428	75.2 %
Anopheles	1	0.2 %
Culex	105	18.5 %
Culiseta	35	6.2 %
Other	0	0.0 %



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FC-059: Springwood and Lockwood

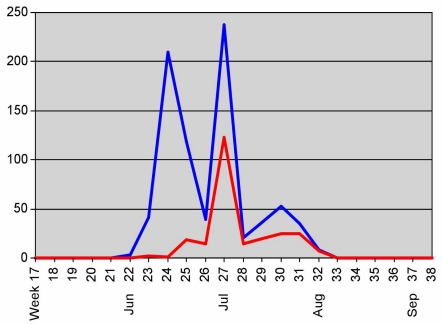
Season: 2009
Trap Type: Light/CO2
Location: Nelson Farm Stormwater Detention Pond
GPS: N40° 32.516', W105° 2.883'

Total number of trap/nights set:	11
Total number of mosquitoes collected:	803
Average mosquitoes per trap/night:	73
Average Culex per trap/night:	23

Species collected and abundance:

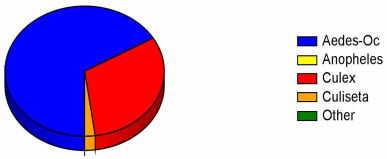
Aedes (Oc.) dorsalis	41	5.1 %
Aedes (Oc.) melanimon	30	3.7 %
Aedes vexans	463	57.7 %
Culex pipiens	38	4.7 %
Culex tarsalis	214	26.7 %
Culiseta inornata	17	2.1 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	534	66.5 %
Anopheles	0	0.0 %
Culex	252	31.4 %
Culiseta	17	2.1 %
Other	0	0.0 %



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FC-060: 808 Pondersosa

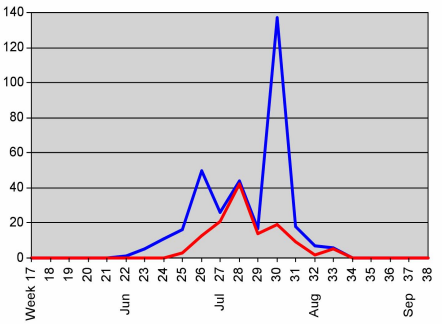
Season: 2009
Trap Type: Light/CO2
Location: 808 Pondersosa
GPS: N40° 34.673', W105° 7.214'

Total number of trap/nights set:	12
Total number of mosquitoes collected:	338
Average mosquitoes per trap/night:	28
Average Culex per trap/night:	11

Species collected and abundance:

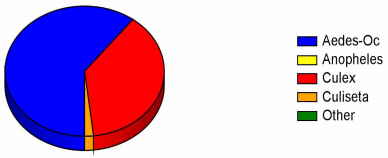
Aedes (Oc.) dorsalis	5	1.5 %
Aedes vexans	199	58.9 %
Culex pipiens	19	5.6 %
Culex tarsalis	109	32.2 %
Culiseta inornata	6	1.8 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	204	60.4 %
Anopheles	0	0.0 %
Culex	128	37.9 %
Culiseta	6	1.8 %
Other	0	0.0 %



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FC-061: Holley Environ. Plant Research Ctr

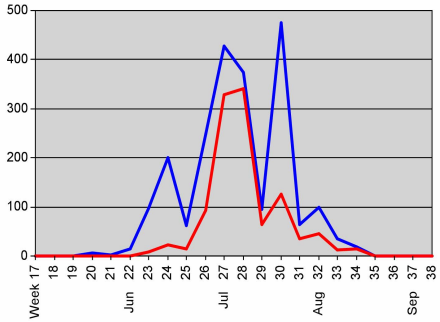
Season: 2009
Trap Type: Light/CO2
Location: Cardinal Royal European Mountain Ash-801 W. Lake
GPS: N40° 34.152', W105° 5.525'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 2,281
Average mosquitoes per trap/night: 152
Average Culex per trap/night: 74

Species collected and abundance:

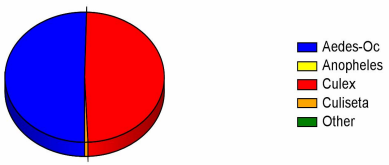
Aedes (Oc.) dorsalis	69	3.0 %
Aedes (Oc.) melanimon	8	0.4 %
Aedes (Oc.) trivitatus	2	0.1 %
Aedes vexans	1070	46.9 %
Culex pipiens	125	5.5 %
Culex tarsalis	992	43.5 %
Culiseta inornata	14	0.6 %
Culiseta spp	1	0.0 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,150	50.4 %
Anopheles	0	0.0 %
Culex	1,117	49.0 %
Culiseta	15	0.7 %
Other	0	0.0 %



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FC-062: Waters Edge at Blue Mesa

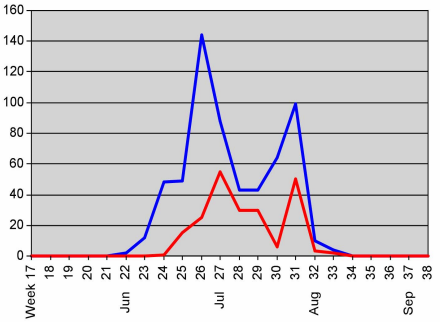
Season: 2009
Trap Type: Light/CO2
Location: Waters Edge FCNA at Blue Mesa Court
GPS: N40° 32.540, W105° 5.233'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 662
Average mosquitoes per trap/night: 55
Average Culex per trap/night: 20

Species collected and abundance:

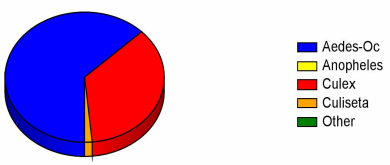
Aedes (Oc.) dorsalis	22	3.3 %
Aedes (Oc.) melanimon	1	0.2 %
Aedes (Oc.) nigromaculis	1	0.2 %
Aedes (Oc.) trivitatus	1	0.2 %
Aedes vexans	390	58.9 %
Culex pipiens	25	3.8 %
Culex tarsalis	212	32.0 %
Culiseta inornata	10	1.5 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	415	62.7 %
Anopheles	0	0.0 %
Culex	237	35.8 %
Culiseta	10	1.5 %
Other	0	0.0 %



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FC-063: Red Fox Meadows FCNA

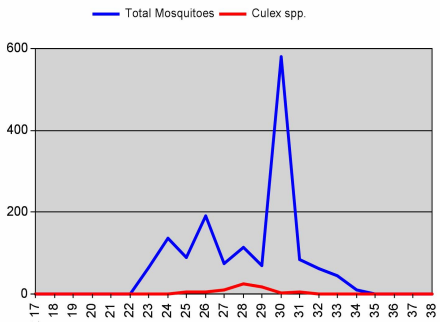
Season: 2009
Trap Type: Light/CO2
Location: Red Fox Meadows FCNA @ Heatherridge Apartment
GPS: N40° 33.937', W105° 6.239'

Total number of trap/nights set: 12
Total number of mosquitoes collected: 1,519
Average mosquitoes per trap/night: 127
Average Culex per trap/night: 6

Species collected and abundance:

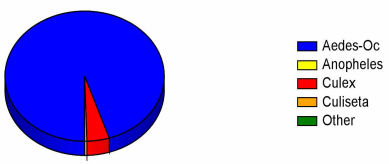
Aedes (Oc.) dorsalis	21	1.4 %
Aedes (Oc.) melanimon	7	0.5 %
Aedes vexans	1415	93.2 %
Culex pipiens	7	0.5 %
Culex tarsalis	62	4.1 %
Culiseta inornata	7	0.5 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,443	95.0 %
Anopheles	0	0.0 %
Culex	69	4.5 %
Culiseta	7	0.5 %
Other	0	0.0 %



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FC-064: West Chase @ Kechter Farm

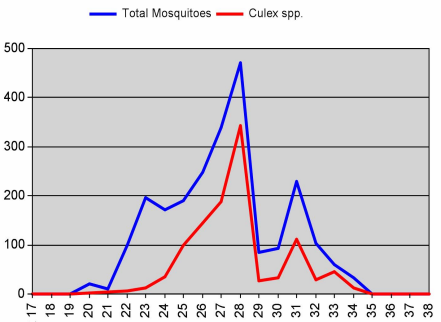
Season: 2009
Trap Type: Light/CO2
Location: Dead end at East Trilby
GPS: N40° 29.896', W105° 1.798'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 2,438
Average mosquitoes per trap/night: 163
Average Culex per trap/night: 75

Species collected and abundance:

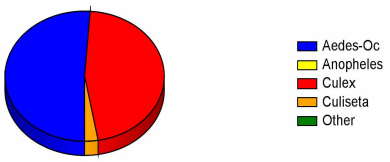
Aedes (Oc.) dorsalis	298	12.2 %
Aedes (Oc.) increpitus	3	0.1 %
Aedes (Oc.) melanimon	27	1.1 %
Aedes (Oc.) nigromaculis	3	0.1 %
Aedes (Oc.) trivitatus	1	0.0 %
Aedes vexans	914	37.5 %
Culex pipiens	73	3.0 %
Culex tarsalis	1053	43.2 %
Culiseta inornata	66	2.7 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,247	51.1 %
Anopheles	0	0.0 %
Culex	1,126	46.2 %
Culiseta	66	2.7 %
Other	0	0.0 %



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FC-066: Prospect Ponds @ Drake Water

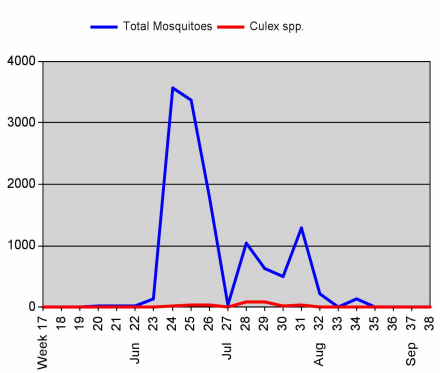
Season: 2009
Trap Type: Light/CO2
Location: Prospect Ponds @ Drake Water Reclamation Facility
GPS: N40° 33.522', W105° 1.364'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 15,000
Average mosquitoes per trap/night: 1,000
Average Culex per trap/night: 25

Species collected and abundance:

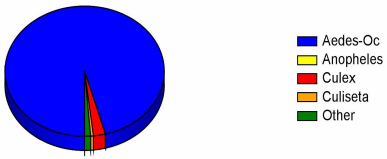
Aedes (Oc.) dorsalis	506	3.4 %
Aedes (Oc.) increpitus	34	0.2 %
Aedes (Oc.) melanimon	1315	8.8 %
Aedes (Oc.) nigromaculis	8	0.1 %
Aedes (Oc.) trivitatus	12	0.1 %
Aedes vexans	12455	83.0 %
Aedes/Ochlerotatus spp	6	0.0 %
Anopheles spp	12	0.1 %
Coquillettidia perturbans	187	1.2 %
Culex pipiens	52	0.3 %
Culex tarsalis	325	2.2 %
Culiseta inornata	88	0.6 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	14,954	99.7 %
Anopheles	12	0.1 %
Culex	377	2.5 %
Culiseta	88	0.6 %
Other	187	1.2 %



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FC-067: Poudre River Drive at bike trail

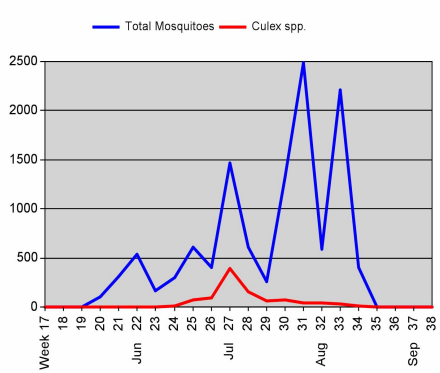
Season: 2009
Trap Type: Light/CO2
Location: Lemay and Poudre River Drive East of Drs office
GPS: N40° 34.742', W105° 3.335'

Total number of trap/nights set: 22
Total number of mosquitoes collected: 16,920
Average mosquitoes per trap/night: 769
Average Culex per trap/night: 85

Species collected and abundance:

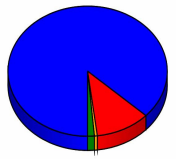
Aedes (Oc.) dorsalis	615	3.6 %
Aedes (Oc.) increpitus	2694	15.9 %
Aedes (Oc.) melanimon	200	1.2 %
Aedes (Oc.) nigromaculis	5	0.0 %
Aedes (Oc.) trivitatus	25	0.1 %
Aedes vexans	11173	66.0 %
Coquillettidia perturbans	229	1.4 %
Culex pipiens	221	1.3 %
Culex tarsalis	1658	9.8 %
Culiseta inornata	100	0.6 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	14,716	87.0 %
Anopheles	0	0.0 %
Culex	1,879	11.1 %
Culiseta	100	0.6 %
Other	229	1.4 %



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FC-068: 502 Crest Drive

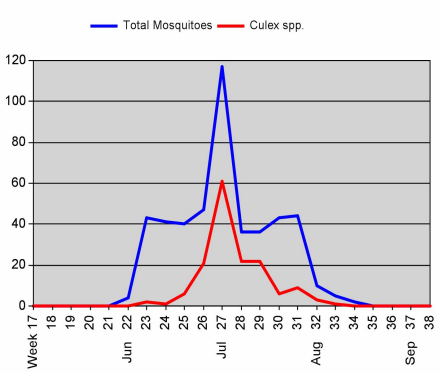
Season: 2009
Trap Type: Light/CO2
Location: 502 Crest Drive
GPS: N40° 30.984', W105° 5.157'

Total number of trap/nights set: 14
Total number of mosquitoes collected: 432
Average mosquitoes per trap/night: 31
Average Culex per trap/night: 9

Species collected and abundance:

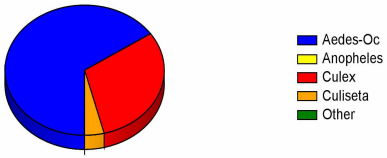
Aedes (Oc.) dorsalis	11	2.5 %
Aedes (Oc.) melanimon	5	1.2 %
Aedes (Oc.) trivitatus	2	0.5 %
Aedes vexans	265	61.3 %
Culex pipiens	8	1.9 %
Culex tarsalis	124	28.7 %
Culiseta inornata	17	3.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	283	65.5 %
Anopheles	0	0.0 %
Culex	132	30.6 %
Culiseta	17	3.9 %
Other	0	0.0 %



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FC-069: Lindenwood HOA

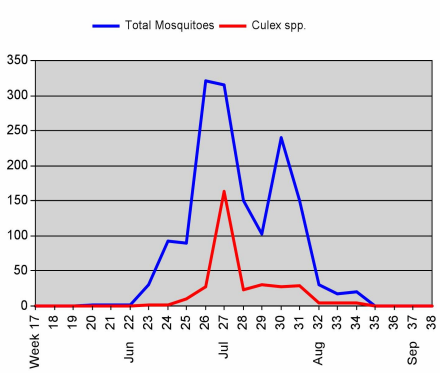
Season: 2009
Trap Type: Light/CO2
Location: along E side of 2005 Linden Lake Rd at Natural Are
GPS: N40° 36.859', W105° 3.209'

Total number of trap/nights set: 15
Total number of mosquitoes collected: 1,561
Average mosquitoes per trap/night: 104
Average Culex per trap/night: 22

Species collected and abundance:

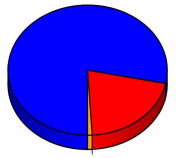
Aedes (Oc.) dorsalis	145	9.3 %
Aedes (Oc.) increpitus	2	0.1 %
Aedes (Oc.) melanimon	20	1.3 %
Aedes (Oc.) trivitatus	1	0.1 %
Aedes vexans	1054	67.5 %
Culex pipiens	7	0.4 %
Culex tarsalis	318	20.4 %
Culiseta inornata	14	0.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1,222	78.3 %
Anopheles	0	0.0 %
Culex	325	20.8 %
Culiseta	14	0.9 %
Other	0	0.0 %



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FC-071: Silvergate Road

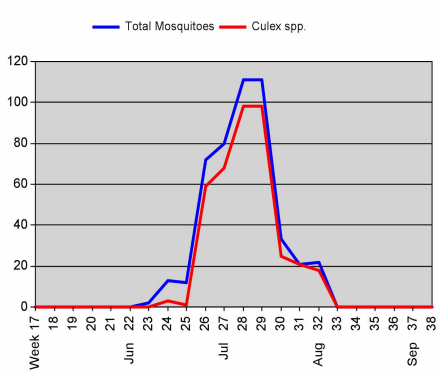
Season: 2009
Trap Type: Light/CO2
Location: Silvergate Road at sidewalk btwn 1700 and 1712
GPS: N40° 31.657', W105° 6.483'

Total number of trap/nights set: 10
Total number of mosquitoes collected: 366
Average mosquitoes per trap/night: 37
Average Culex per trap/night: 30

Species collected and abundance:

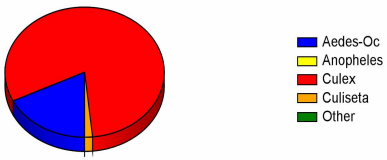
Aedes (Oc.) dorsalis	7	1.9 %
Aedes (Oc.) increpitus	1	0.3 %
Aedes (Oc.) melanimon	1	0.3 %
Aedes vexans	58	15.8 %
Culex pipiens	48	13.1 %
Culex tarsalis	245	66.9 %
Culiseta inornata	6	1.6 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	67	18.3 %
Anopheles	0	0.0 %
Culex	305	83.3 %
Culiseta	6	1.6 %
Other	0	0.0 %



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FC-072: 422 Lake Drive Alley

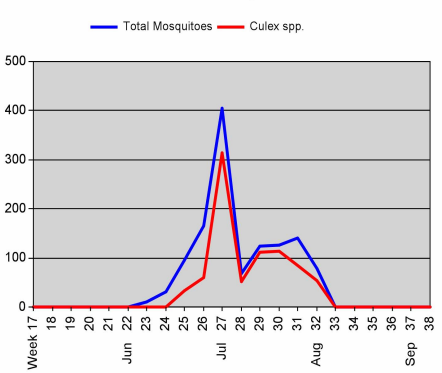
Season: 2009
Trap Type: Light/CO2
Location: alley way of 422 Lake Drive
GPS: N40° 34.165', W105° 4.272'

Total number of trap/nights set: 11
Total number of mosquitoes collected: 1,244
Average mosquitoes per trap/night: 113
Average Culex per trap/night: 75

Species collected and abundance:

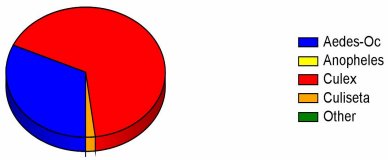
Aedes (Oc.) dorsalis	29	2.3 %
Aedes (Oc.) increpitus	3	0.2 %
Aedes (Oc.) trivitatus	5	0.4 %
Aedes vexans	358	28.8 %
Aedes/Ochlerotatus spp	1	0.1 %
Culex pipiens	148	11.9 %
Culex tarsalis	676	54.3 %
Culiseta inornata	24	1.9 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	396	31.8 %
Anopheles	0	0.0 %
Culex	824	66.2 %
Culiseta	24	1.9 %
Other	0	0.0 %



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FC-073: 118 Grant

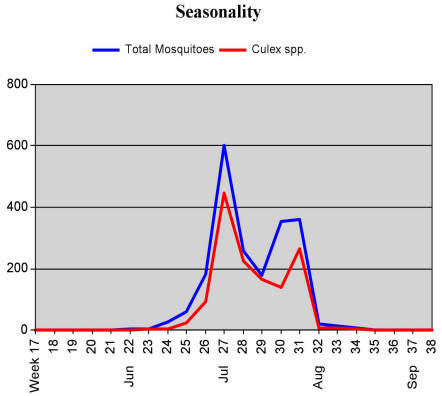
Season: 2009
Trap Type: Light/CO2
Location: In alley btwn Oak and Mountain near green shed
GPS: N40° 35.179 W105° 5.337

Total number of trap/nights set: 13
Total number of mosquitoes collected: 2,092
Average mosquitoes per trap/night: 161
Average Culex per trap/night: 106

Species collected and abundance:

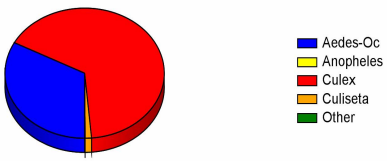
Aedes (Oc.) dorsalis	23	1.1 %
Aedes (Oc.) increpitus	2	0.1 %
Aedes (Oc.) melanimon	11	0.5 %
Aedes (Oc.) trivitatus	2	0.1 %
Aedes vexans	647	30.9 %
Coquillettidia perturbans	2	0.1 %
Culex pipiens	544	26.0 %
Culex tarsalis	834	39.9 %
Culiseta inornata	27	1.3 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	686	32.8 %
Anopheles	0	0.0 %
Culex	1,378	65.9 %
Culiseta	27	1.3 %
Other	2	0.1 %



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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-001	LIGHT	Larimer	05/29/2009	Magic Carpet	5	0	0	0	0	**5**
FC-001	LIGHT	Larimer	06/12/2009	Magic Carpet	7	0	0	0	0	**7**
FC-001	LIGHT	Larimer	06/19/2009	Magic Carpet	11	0	0	0	0	**11**
FC-001	LIGHT	Larimer	06/26/2009	Magic Carpet	28	0	1	0	0	**29**
FC-001	LIGHT	Larimer	07/03/2009	Magic Carpet	44	0	13	0	0	**57**
FC-001	LIGHT	Larimer	07/10/2009	Magic Carpet	28	0	12	0	0	**40**
FC-001	LIGHT	Larimer	07/17/2009	Magic Carpet	97	0	36	1	0	**134**
FC-001	LIGHT	Larimer	07/24/2009	Magic Carpet	16	0	28	0	0	**44**
FC-001	LIGHT	Larimer	08/07/2009	Magic Carpet	20	0	1	1	0	**22**
FC-001	LIGHT	Larimer	08/14/2009	Magic Carpet	62	0	17	0	0	**79**
FC-001	LIGHT	Larimer	08/21/2009	Magic Carpet	4	0	2	0	0	**6**
FC-001	LIGHT	Larimer	08/28/2009	Magic Carpet	2	0	2	3	0	**7**
FC-001	LIGHT	Larimer	09/03/2009	Magic Carpet	1	0	0	0	0	**1**
FC-002	LIGHT	Larimer	06/12/2009	3907 Benthaven	1	0	0	0	0	**1**
FC-002	LIGHT	Larimer	06/19/2009	3907 Benthaven	1	0	0	1	0	**2**
FC-002	LIGHT	Larimer	06/26/2009	3907 Benthaven	8	0	0	0	0	**8**
FC-002	LIGHT	Larimer	07/03/2009	3907 Benthaven	11	0	7	1	0	**19**
FC-002	LIGHT	Larimer	07/10/2009	3907 Benthaven	23	0	9	1	0	**33**
FC-002	LIGHT	Larimer	07/17/2009	3907 Benthaven	13	0	13	2	0	**28**
FC-002	LIGHT	Larimer	07/24/2009	3907 Benthaven	5	0	23	0	0	**28**
FC-002	LIGHT	Larimer	08/07/2009	3907 Benthaven	8	0	9	0	0	**17**
FC-002	LIGHT	Larimer	08/14/2009	3907 Benthaven	5	0	1	0	0	**6**
FC-002	LIGHT	Larimer	08/21/2009	3907 Benthaven	1	0	1	1	0	**3**
FC-002	LIGHT	Larimer	08/28/2009	3907 Benthaven	1	0	1	0	0	**2**
FC-004	LIGHT	Larimer	05/27/2009	Bighorn Drive	0	0	0	0	0	**0**
FC-004	LIGHT	Larimer	06/05/2009	Bighorn Drive	1	0	4	2	0	**7**
FC-004	LIGHT	Larimer	06/09/2009	Bighorn Drive	1	0	0	0	0	**1**
FC-004	LIGHT	Larimer	06/16/2009	Bighorn Drive	8	0	1	1	0	**10**
FC-004	LIGHT	Larimer	06/23/2009	Bighorn Drive	87	0	1	1	0	**89**
FC-004	LIGHT	Larimer	06/24/2009	Bighorn Drive	123	0	4	0	0	**127**
FC-004	LIGHT	Larimer	06/30/2009	Bighorn Drive	40	0	19	0	0	**59**
FC-004	LIGHT	Larimer	07/01/2009	Bighorn Drive	30	0	56	0	0	**86**
FC-004	LIGHT	Larimer	07/07/2009	Bighorn Drive	0	0	0	0	0	**0**
FC-004	LIGHT	Larimer	07/08/2009	Bighorn Drive	23	0	30	1	0	**54**
FC-004	LIGHT	Larimer	07/09/2009	Bighorn Drive	25	0	86	0	0	**111**
FC-004	LIGHT	Larimer	07/14/2009	Bighorn Drive	56	0	82	1	0	**139**
FC-004	LIGHT	Larimer	07/15/2009	Bighorn Drive	22	0	154	1	0	**177**
FC-004	LIGHT	Larimer	07/21/2009	Bighorn Drive	0	0	1	0	0	**1**
FC-004	LIGHT	Larimer	07/22/2009	Bighorn Drive	10	0	164	1	0	**175**
FC-004	LIGHT	Larimer	07/28/2009	Bighorn Drive	8	0	42	0	0	**50**
FC-004	LIGHT	Larimer	07/29/2009	Bighorn Drive	15	0	48	0	0	**63**
FC-004	LIGHT	Larimer	08/04/2009	Bighorn Drive	16	0	22	0	0	**38**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-004	LIGHT	Larimer	08/05/2009	Bighorn Drive	1	0	0	0	0	**1**
FC-004	LIGHT	Larimer	08/11/2009	Bighorn Drive	4	0	34	1	0	**39**
FC-004	LIGHT	Larimer	08/18/2009	Bighorn Drive	6	0	16	0	0	**22**
FC-004	LIGHT	Larimer	08/25/2009	Bighorn Drive	2	0	16	1	0	**19**
FC-004	LIGHT	Larimer	09/01/2009	Bighorn Drive	1	0	7	1	0	**9**
FC-006	LIGHT	Larimer	06/09/2009	North Linden	10	0	0	1	0	**11**
FC-006	LIGHT	Larimer	06/16/2009	North Linden	61	0	6	1	0	**68**
FC-006	LIGHT	Larimer	06/23/2009	North Linden	73	0	0	3	0	**76**
FC-006	LIGHT	Larimer	06/30/2009	North Linden	160	0	22	4	0	**186**
FC-006	LIGHT	Larimer	07/07/2009	North Linden	335	0	56	1	0	**392**
FC-006	LIGHT	Larimer	07/14/2009	North Linden	367	0	248	2	0	**617**
FC-006	LIGHT	Larimer	07/21/2009	North Linden	53	0	61	3	0	**117**
FC-006	LIGHT	Larimer	07/28/2009	North Linden	58	0	34	0	0	**92**
FC-006	LIGHT	Larimer	08/04/2009	North Linden	0	0	0	0	0	**0**
FC-006	LIGHT	Larimer	08/05/2009	North Linden	1190	1	52	3	0	**1,246**
FC-006	LIGHT	Larimer	08/11/2009	North Linden	227	1	32	2	0	**262**
FC-006	LIGHT	Larimer	08/18/2009	North Linden	97	0	12	0	0	**109**
FC-011	LIGHT	Larimer	05/29/2009	Golden Current	8	0	0	0	0	**8**
FC-011	LIGHT	Larimer	06/04/2009	Golden Current	2	0	0	0	0	**2**
FC-011	LIGHT	Larimer	06/11/2009	Golden Current	0	0	3	0	0	**3**
FC-011	LIGHT	Larimer	06/18/2009	Golden Current	30	0	2	5	0	**37**
FC-011	LIGHT	Larimer	06/25/2009	Golden Current	222	0	3	0	0	**225**
FC-011	LIGHT	Larimer	07/02/2009	Golden Current	93	0	45	3	0	**141**
FC-011	LIGHT	Larimer	07/09/2009	Golden Current	102	0	26	0	0	**128**
FC-011	LIGHT	Larimer	07/16/2009	Golden Current	34	0	22	0	0	**56**
FC-011	LIGHT	Larimer	07/23/2009	Golden Current	24	0	59	4	0	**87**
FC-011	LIGHT	Larimer	08/06/2009	Golden Current	116	0	5	0	0	**121**
FC-011	LIGHT	Larimer	08/13/2009	Golden Current	86	0	27	0	0	**113**
FC-011	LIGHT	Larimer	08/20/2009	Golden Current	14	0	7	0	0	**21**
FC-011	LIGHT	Larimer	08/27/2009	Golden Current	3	0	5	0	0	**8**
FC-014	LIGHT	Larimer	05/27/2009	Fort Collins Vistors Center	3	0	0	0	0	**3**
FC-014	LIGHT	Larimer	06/05/2009	Fort Collins Vistors Center	1	0	1	0	0	**2**
FC-014	LIGHT	Larimer	06/09/2009	Fort Collins Vistors Center	6	0	0	0	0	**6**
FC-014	LIGHT	Larimer	06/16/2009	Fort Collins Vistors Center	28	0	3	0	0	**31**
FC-014	LIGHT	Larimer	06/23/2009	Fort Collins Vistors Center	92	0	3	3	0	**98**
FC-014	LIGHT	Larimer	06/24/2009	Fort Collins Vistors Center	52	0	0	0	0	**52**
FC-014	LIGHT	Larimer	06/30/2009	Fort Collins Vistors Center	162	0	17	1	0	**180**
FC-014	LIGHT	Larimer	07/01/2009	Fort Collins Vistors Center	89	0	7	0	0	**96**
FC-014	LIGHT	Larimer	07/07/2009	Fort Collins Vistors Center	254	0	24	2	0	**280**
FC-014	LIGHT	Larimer	07/08/2009	Fort Collins Vistors Center	24	0	4	3	0	**31**
FC-014	LIGHT	Larimer	07/14/2009	Fort Collins Vistors Center	175	0	14	2	0	**191**
FC-014	LIGHT	Larimer	07/15/2009	Fort Collins Vistors Center	82	0	25	0	0	**107**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-014	LIGHT	Larimer	07/21/2009	Fort Collins Vistors Center	20	0	14	4	0	**38**
FC-014	LIGHT	Larimer	07/22/2009	Fort Collins Vistors Center	109	0	58	2	0	**169**
FC-014	LIGHT	Larimer	07/28/2009	Fort Collins Vistors Center	42	0	36	3	0	**81**
FC-014	LIGHT	Larimer	07/29/2009	Fort Collins Vistors Center	25	0	36	0	0	**61**
FC-014	LIGHT	Larimer	08/04/2009	Fort Collins Vistors Center	63	0	25	4	0	**92**
FC-014	LIGHT	Larimer	08/05/2009	Fort Collins Vistors Center	53	0	11	2	0	**66**
FC-014	LIGHT	Larimer	08/11/2009	Fort Collins Vistors Center	37	0	17	0	0	**54**
FC-014	LIGHT	Larimer	08/18/2009	Fort Collins Vistors Center	4	0	5	1	0	**10**
FC-014	LIGHT	Larimer	08/25/2009	Fort Collins Vistors Center	6	0	4	1	0	**11**
FC-014	LIGHT	Larimer	09/01/2009	Fort Collins Vistors Center	2	0	3	0	0	**5**
FC-015	LIGHT	Larimer	06/18/2009	Stuart and Dorset	7	0	0	1	0	**8**
FC-015	LIGHT	Larimer	06/25/2009	Stuart and Dorset	28	0	3	1	0	**32**
FC-015	LIGHT	Larimer	07/02/2009	Stuart and Dorset	0	0	0	0	0	**0**
FC-015	LIGHT	Larimer	07/03/2009	Stuart and Dorset	0	0	0	0	0	**0**
FC-015	LIGHT	Larimer	07/09/2009	Stuart and Dorset	66	0	41	1	0	**108**
FC-015	LIGHT	Larimer	07/16/2009	Stuart and Dorset	24	0	50	8	0	**82**
FC-015	LIGHT	Larimer	07/23/2009	Stuart and Dorset	7	0	67	0	0	**74**
FC-015	LIGHT	Larimer	07/30/2009	Stuart and Dorset	4	0	24	4	0	**32**
FC-015	LIGHT	Larimer	08/06/2009	Stuart and Dorset	144	0	37	2	0	**183**
FC-015	LIGHT	Larimer	08/13/2009	Stuart and Dorset	34	0	37	2	0	**73**
FC-015	LIGHT	Larimer	08/20/2009	Stuart and Dorset	10	0	36	1	0	**47**
FC-015	LIGHT	Larimer	08/27/2009	Stuart and Dorset	3	0	7	0	0	**10**
FC-015	LIGHT	Larimer	09/03/2009	Stuart and Dorset	0	0	4	0	0	**4**
FC-019	LIGHT	Larimer	05/28/2009	Edora Park	1	0	0	1	0	**2**
FC-019	LIGHT	Larimer	06/05/2009	Edora Park	7	0	5	4	0	**16**
FC-019	LIGHT	Larimer	06/09/2009	Edora Park	3	0	0	0	0	**3**
FC-019	LIGHT	Larimer	06/16/2009	Edora Park	10	0	0	0	0	**10**
FC-019	LIGHT	Larimer	06/23/2009	Edora Park	140	0	3	2	0	**145**
FC-019	LIGHT	Larimer	06/30/2009	Edora Park	76	0	13	1	0	**90**
FC-019	LIGHT	Larimer	07/07/2009	Edora Park	78	0	42	13	0	**133**
FC-019	LIGHT	Larimer	07/08/2009	Edora Park	24	0	4	3	0	**31**
FC-019	LIGHT	Larimer	07/14/2009	Edora Park	83	0	190	4	0	**277**
FC-019	LIGHT	Larimer	07/21/2009	Edora Park	21	0	172	3	0	**196**
FC-019	LIGHT	Larimer	07/28/2009	Edora Park	18	0	76	1	0	**95**
FC-019	LIGHT	Larimer	08/04/2009	Edora Park	0	0	0	0	0	**0**
FC-019	LIGHT	Larimer	08/05/2009	Edora Park	68	0	53	0	0	**121**
FC-019	LIGHT	Larimer	08/11/2009	Edora Park	20	0	30	1	0	**51**
FC-019	LIGHT	Larimer	08/18/2009	Edora Park	11	0	12	0	0	**23**
FC-019	LIGHT	Larimer	08/26/2009	Edora Park	2	0	2	0	0	**4**
FC-019	LIGHT	Larimer	09/02/2009	Edora Park	2	0	0	0	0	**2**
FC-023	LIGHT	Larimer	05/28/2009	Boltz	1	0	1	0	0	**2**
FC-023	LIGHT	Larimer	06/04/2009	Boltz	1	0	0	0	0	**1**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-023	LIGHT	Larimer	06/10/2009	Boltz	18	0	1	1	0	**20**
FC-023	LIGHT	Larimer	06/17/2009	Boltz	131	0	0	2	0	**133**
FC-023	LIGHT	Larimer	06/24/2009	Boltz	142	0	4	1	0	**147**
FC-023	LIGHT	Larimer	07/01/2009	Boltz	98	0	51	3	0	**152**
FC-023	LIGHT	Larimer	07/08/2009	Boltz	40	0	60	0	0	**100**
FC-023	LIGHT	Larimer	07/15/2009	Boltz	37	0	188	2	0	**227**
FC-023	LIGHT	Larimer	07/22/2009	Boltz	1	0	39	0	0	**40**
FC-023	LIGHT	Larimer	07/29/2009	Boltz	23	0	99	2	0	**124**
FC-023	LIGHT	Larimer	08/05/2009	Boltz	58	0	71	1	0	**130**
FC-023	LIGHT	Larimer	08/12/2009	Boltz	8	0	42	0	0	**50**
FC-023	LIGHT	Larimer	08/19/2009	Boltz	8	0	4	0	0	**12**
FC-023	LIGHT	Larimer	09/02/2009	Boltz	0	0	1	0	0	**1**
FC-027	LIGHT	Larimer	05/28/2009	San Luis	7	0	3	1	0	**11**
FC-027	LIGHT	Larimer	06/05/2009	San Luis	1	0	2	0	0	**3**
FC-027	LIGHT	Larimer	06/10/2009	San Luis	46	0	0	4	0	**50**
FC-027	LIGHT	Larimer	06/17/2009	San Luis	97	0	3	0	0	**100**
FC-027	LIGHT	Larimer	06/24/2009	San Luis	532	0	16	1	0	**549**
FC-027	LIGHT	Larimer	07/01/2009	San Luis	538	0	127	2	0	**667**
FC-027	LIGHT	Larimer	07/08/2009	San Luis	102	0	30	1	0	**133**
FC-027	LIGHT	Larimer	07/15/2009	San Luis	110	0	146	2	0	**258**
FC-027	LIGHT	Larimer	07/22/2009	San Luis	35	0	195	2	0	**232**
FC-027	LIGHT	Larimer	07/29/2009	San Luis	37	0	47	5	0	**89**
FC-027	LIGHT	Larimer	08/05/2009	San Luis	65	0	31	1	0	**97**
FC-027	LIGHT	Larimer	08/12/2009	San Luis	33	0	18	4	0	**55**
FC-027	LIGHT	Larimer	08/19/2009	San Luis	5	0	12	0	0	**17**
FC-027	LIGHT	Larimer	08/26/2009	San Luis	0	0	4	0	0	**4**
FC-027	LIGHT	Larimer	09/02/2009	San Luis	6	0	4	0	0	**10**
FC-029	LIGHT	Larimer	06/05/2009	Bens Park	1	0	0	0	0	**1**
FC-029	LIGHT	Larimer	06/12/2009	Bens Park	5	0	0	0	0	**5**
FC-029	LIGHT	Larimer	06/19/2009	Bens Park	12	0	1	1	0	**14**
FC-029	LIGHT	Larimer	06/26/2009	Bens Park	27	0	4	0	0	**31**
FC-029	LIGHT	Larimer	07/03/2009	Bens Park	8	0	12	0	0	**20**
FC-029	LIGHT	Larimer	07/10/2009	Bens Park	44	0	28	1	0	**73**
FC-029	LIGHT	Larimer	07/17/2009	Bens Park	31	0	64	1	0	**96**
FC-029	LIGHT	Larimer	07/24/2009	Bens Park	13	0	32	1	0	**46**
FC-029	LIGHT	Larimer	08/07/2009	Bens Park	16	0	4	0	0	**20**
FC-029	LIGHT	Larimer	08/14/2009	Bens Park	28	0	19	0	0	**47**
FC-029	LIGHT	Larimer	08/21/2009	Bens Park	11	0	5	0	0	**16**
FC-029	LIGHT	Larimer	08/28/2009	Bens Park	1	0	1	2	0	**4**
FC-029	LIGHT	Larimer	09/03/2009	Bens Park	9	0	1	0	0	**10**
FC-030	LIGHT	Larimer	06/10/2009	Cambridge	89	0	2	5	0	**96**
FC-030	LIGHT	Larimer	06/17/2009	Cambridge	0	0	0	0	0	**0**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-030	LIGHT	Larimer	06/18/2009	Cambridge	30	0	0	0	0	**30**
FC-030	LIGHT	Larimer	06/24/2009	Cambridge	42	0	1	0	0	**43**
FC-030	LIGHT	Larimer	07/01/2009	Cambridge	57	0	44	2	0	**103**
FC-030	LIGHT	Larimer	07/08/2009	Cambridge	77	0	49	0	0	**126**
FC-030	LIGHT	Larimer	07/15/2009	Cambridge	48	0	27	4	0	**79**
FC-030	LIGHT	Larimer	07/22/2009	Cambridge	28	0	130	0	0	**158**
FC-030	LIGHT	Larimer	07/29/2009	Cambridge	131	0	106	2	0	**239**
FC-030	LIGHT	Larimer	08/05/2009	Cambridge	245	0	33	1	0	**279**
FC-030	LIGHT	Larimer	08/12/2009	Cambridge	165	0	29	1	0	**195**
FC-030	LIGHT	Larimer	08/19/2009	Cambridge	13	0	13	1	0	**27**
FC-031	LIGHT	Larimer	05/28/2009	Willow Spings	13	0	1	0	0	**14**
FC-031	LIGHT	Larimer	06/04/2009	Willow Spings	12	0	0	0	0	**12**
FC-031	LIGHT	Larimer	06/10/2009	Willow Spings	127	0	0	1	0	**128**
FC-031	LIGHT	Larimer	06/17/2009	Willow Spings	436	0	2	13	0	**451**
FC-031	LIGHT	Larimer	06/24/2009	Willow Spings	124	0	6	2	0	**132**
FC-031	LIGHT	Larimer	07/01/2009	Willow Spings	78	0	66	2	0	**146**
FC-031	LIGHT	Larimer	07/08/2009	Willow Spings	116	0	49	2	0	**167**
FC-031	LIGHT	Larimer	07/15/2009	Willow Spings	196	0	106	4	0	**306**
FC-031	LIGHT	Larimer	07/22/2009	Willow Spings	38	0	141	5	0	**184**
FC-031	LIGHT	Larimer	07/29/2009	Willow Spings	98	0	57	1	0	**156**
FC-031	LIGHT	Larimer	08/05/2009	Willow Spings	140	0	48	3	0	**191**
FC-031	LIGHT	Larimer	08/12/2009	Willow Spings	70	0	36	3	0	**109**
FC-031	LIGHT	Larimer	08/19/2009	Willow Spings	22	0	21	1	0	**44**
FC-031	LIGHT	Larimer	08/26/2009	Willow Spings	3	0	0	0	0	**3**
FC-031	LIGHT	Larimer	09/02/2009	Willow Spings	0	0	0	0	0	**0**
FC-031	LIGHT	Larimer	09/03/2009	Willow Spings	5	0	6	1	0	**12**
FC-033	LIGHT	Larimer	06/05/2009	Sage Creek	1	0	1	0	0	**2**
FC-033	LIGHT	Larimer	06/10/2009	Sage Creek	0	0	0	0	0	**0**
FC-033	LIGHT	Larimer	06/17/2009	Sage Creek	13	0	2	1	0	**16**
FC-033	LIGHT	Larimer	06/24/2009	Sage Creek	135	0	8	4	0	**147**
FC-033	LIGHT	Larimer	07/01/2009	Sage Creek	38	0	48	1	0	**87**
FC-033	LIGHT	Larimer	07/08/2009	Sage Creek	80	0	90	5	0	**175**
FC-033	LIGHT	Larimer	07/15/2009	Sage Creek	32	0	24	4	0	**60**
FC-033	LIGHT	Larimer	07/22/2009	Sage Creek	12	0	112	1	0	**125**
FC-033	LIGHT	Larimer	07/29/2009	Sage Creek	17	0	59	1	0	**77**
FC-033	LIGHT	Larimer	08/05/2009	Sage Creek	174	0	57	2	0	**233**
FC-033	LIGHT	Larimer	08/12/2009	Sage Creek	59	0	46	1	0	**106**
FC-033	LIGHT	Larimer	08/19/2009	Sage Creek	12	0	15	6	0	**33**
FC-033	LIGHT	Larimer	08/26/2009	Sage Creek	5	0	4	0	0	**9**
FC-034	LIGHT	Larimer	05/26/2009	Country Club	0	0	1	0	0	**1**
FC-034	LIGHT	Larimer	06/04/2009	Country Club	1	0	1	1	0	**3**
FC-034	LIGHT	Larimer	06/09/2009	Country Club	5	0	0	0	0	**5**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-034	LIGHT	Larimer	06/16/2009	Country Club	38	0	3	3	0	**44**
FC-034	LIGHT	Larimer	06/23/2009	Country Club	23	0	1	5	0	**29**
FC-034	LIGHT	Larimer	06/30/2009	Country Club	95	0	153	9	0	**257**
FC-034	LIGHT	Larimer	07/07/2009	Country Club	205	0	111	1	0	**317**
FC-034	LIGHT	Larimer	07/14/2009	Country Club	323	0	456	18	0	**797**
FC-034	LIGHT	Larimer	07/21/2009	Country Club	778	0	83	7	0	**868**
FC-034	LIGHT	Larimer	07/28/2009	Country Club	63	0	57	3	0	**123**
FC-034	LIGHT	Larimer	08/04/2009	Country Club	80	0	36	1	0	**117**
FC-034	LIGHT	Larimer	08/11/2009	Country Club	115	0	28	1	0	**144**
FC-034	LIGHT	Larimer	08/18/2009	Country Club	48	0	14	1	0	**63**
FC-034	LIGHT	Larimer	08/26/2009	Country Club	12	0	5	0	0	**17**
FC-034	LIGHT	Larimer	09/02/2009	Country Club	6	0	0	0	0	**6**
FC-036	LIGHT	Larimer	05/28/2009	Hemlock	47	0	8	0	0	**55**
FC-036	LIGHT	Larimer	06/05/2009	Hemlock	16	0	5	1	0	**22**
FC-036	LIGHT	Larimer	06/09/2009	Hemlock	15	0	0	1	0	**16**
FC-036	LIGHT	Larimer	06/16/2009	Hemlock	84	0	2	4	0	**90**
FC-036	LIGHT	Larimer	06/23/2009	Hemlock	542	0	13	16	0	**571**
FC-036	LIGHT	Larimer	06/30/2009	Hemlock	366	0	70	16	0	**452**
FC-036	LIGHT	Larimer	07/07/2009	Hemlock	0	0	0	0	0	**0**
FC-036	LIGHT	Larimer	07/09/2009	Hemlock	761	0	92	13	0	**866**
FC-036	LIGHT	Larimer	07/14/2009	Hemlock	1164	0	312	12	0	**1,488**
FC-036	LIGHT	Larimer	07/21/2009	Hemlock	504	0	290	23	0	**817**
FC-036	LIGHT	Larimer	07/28/2009	Hemlock	214	0	96	24	0	**334**
FC-036	LIGHT	Larimer	08/04/2009	Hemlock	956	0	59	8	0	**1,023**
FC-036	LIGHT	Larimer	08/11/2009	Hemlock	681	0	104	6	0	**791**
FC-036	LIGHT	Larimer	08/18/2009	Hemlock	166	0	33	1	0	**200**
FC-036	LIGHT	Larimer	08/26/2009	Hemlock	243	0	14	1	0	**258**
FC-036	LIGHT	Larimer	09/02/2009	Hemlock	99	0	11	2	0	**112**
FC-037	LIGHT	Larimer	06/12/2009	Chelsea Ridge	2	0	0	0	0	**2**
FC-037	LIGHT	Larimer	06/19/2009	Chelsea Ridge	6	0	1	0	0	**7**
FC-037	LIGHT	Larimer	06/26/2009	Chelsea Ridge	42	0	2	1	0	**45**
FC-037	LIGHT	Larimer	07/03/2009	Chelsea Ridge	17	0	1	1	0	**19**
FC-037	LIGHT	Larimer	07/10/2009	Chelsea Ridge	16	0	59	2	0	**77**
FC-037	LIGHT	Larimer	07/17/2009	Chelsea Ridge	8	0	53	0	0	**61**
FC-037	LIGHT	Larimer	07/24/2009	Chelsea Ridge	9	0	61	0	0	**70**
FC-037	LIGHT	Larimer	08/07/2009	Chelsea Ridge	11	0	9	0	0	**20**
FC-037	LIGHT	Larimer	08/14/2009	Chelsea Ridge	5	0	16	0	0	**21**
FC-037	LIGHT	Larimer	08/21/2009	Chelsea Ridge	9	0	12	0	0	**21**
FC-037	LIGHT	Larimer	08/28/2009	Chelsea Ridge	4	0	5	0	0	**9**
FC-037	LIGHT	Larimer	09/03/2009	Chelsea Ridge	2	0	3	0	0	**5**
FC-038	LIGHT	Larimer	05/26/2009	Lockside Lane	1	0	0	1	0	**2**
FC-038	LIGHT	Larimer	06/04/2009	Lockside Lane	1	0	0	0	0	**1**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-038	LIGHT	Larimer	06/09/2009	Lockside Lane	0	0	0	0	0	**0**
FC-038	LIGHT	Larimer	06/16/2009	Lockside Lane	11	0	0	0	0	**11**
FC-038	LIGHT	Larimer	06/23/2009	Lockside Lane	36	0	2	0	0	**38**
FC-038	LIGHT	Larimer	06/30/2009	Lockside Lane	50	0	10	2	0	**62**
FC-038	LIGHT	Larimer	07/07/2009	Lockside Lane	21	0	13	1	0	**35**
FC-038	LIGHT	Larimer	07/14/2009	Lockside Lane	0	0	0	0	0	**0**
FC-038	LIGHT	Larimer	07/15/2009	Lockside Lane	49	0	98	5	0	**152**
FC-038	LIGHT	Larimer	07/21/2009	Lockside Lane	57	0	25	5	0	**87**
FC-038	LIGHT	Larimer	07/28/2009	Lockside Lane	21	0	31	1	0	**53**
FC-038	LIGHT	Larimer	08/04/2009	Lockside Lane	36	0	32	1	0	**69**
FC-038	LIGHT	Larimer	08/11/2009	Lockside Lane	40	0	16	1	0	**57**
FC-038	LIGHT	Larimer	08/18/2009	Lockside Lane	64	0	12	0	0	**76**
FC-038	LIGHT	Larimer	08/26/2009	Lockside Lane	35	0	14	0	0	**49**
FC-038	LIGHT	Larimer	09/02/2009	Lockside Lane	18	0	2	0	0	**20**
FC-039	LIGHT	Larimer	05/28/2009	Fossil Creek South (Green	24	0	2	2	0	**28**
FC-039	LIGHT	Larimer	06/04/2009	Fossil Creek South (Green	28	0	4	2	0	**34**
FC-039	LIGHT	Larimer	06/10/2009	Fossil Creek South (Green	0	0	0	0	0	**0**
FC-039	LIGHT	Larimer	06/12/2009	Fossil Creek South (Green	0	0	0	0	0	**0**
FC-039	LIGHT	Larimer	06/17/2009	Fossil Creek South (Green	213	0	4	21	0	**238**
FC-039	LIGHT	Larimer	06/24/2009	Fossil Creek South (Green	244	0	20	26	0	**290**
FC-039	LIGHT	Larimer	07/01/2009	Fossil Creek South (Green	110	0	130	16	0	**256**
FC-039	LIGHT	Larimer	07/08/2009	Fossil Creek South (Green	48	0	52	3	0	**103**
FC-039	LIGHT	Larimer	07/15/2009	Fossil Creek South (Green	84	0	34	22	0	**140**
FC-039	LIGHT	Larimer	07/22/2009	Fossil Creek South (Green	71	0	88	6	0	**165**
FC-039	LIGHT	Larimer	07/29/2009	Fossil Creek South (Green	72	0	65	5	0	**142**
FC-039	LIGHT	Larimer	08/05/2009	Fossil Creek South (Green	304	0	50	13	0	**367**
FC-039	LIGHT	Larimer	08/12/2009	Fossil Creek South (Green	82	0	40	11	0	**133**
FC-039	LIGHT	Larimer	08/19/2009	Fossil Creek South (Green	12	0	7	1	0	**20**
FC-039	LIGHT	Larimer	08/26/2009	Fossil Creek South (Green	8	0	11	2	0	**21**
FC-039	LIGHT	Larimer	09/02/2009	Fossil Creek South (Green	6	0	1	0	0	**7**
FC-040	LIGHT	Larimer	05/26/2009	Redwood	4	0	0	0	0	**4**
FC-040	LIGHT	Larimer	06/05/2009	Redwood	4	0	0	0	0	**4**
FC-040	LIGHT	Larimer	06/09/2009	Redwood	0	0	0	0	0	**0**
FC-040	LIGHT	Larimer	06/16/2009	Redwood	27	0	3	2	0	**32**
FC-040	LIGHT	Larimer	06/23/2009	Redwood	236	0	0	4	0	**240**
FC-040	LIGHT	Larimer	06/30/2009	Redwood	164	0	29	6	0	**199**
FC-040	LIGHT	Larimer	07/07/2009	Redwood	197	0	112	5	0	**314**
FC-040	LIGHT	Larimer	07/14/2009	Redwood	261	0	219	10	0	**490**
FC-040	LIGHT	Larimer	07/21/2009	Redwood	36	0	233	8	0	**277**
FC-040	LIGHT	Larimer	07/28/2009	Redwood	19	0	55	2	0	**76**
FC-040	LIGHT	Larimer	08/04/2009	Redwood	166	0	33	7	0	**206**
FC-040	LIGHT	Larimer	08/11/2009	Redwood	152	0	45	0	0	**197**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-040	LIGHT	Larimer	08/18/2009	Redwood	57	0	42	1	0	**100**
FC-040	LIGHT	Larimer	08/26/2009	Redwood	10	0	6	0	0	**16**
FC-041	LIGHT	Larimer	05/29/2009	Fishback	2	0	0	0	0	**2**
FC-041	LIGHT	Larimer	06/18/2009	Fishback	1	0	0	0	0	**1**
FC-041	LIGHT	Larimer	06/25/2009	Fishback	38	0	3	0	0	**41**
FC-041	LIGHT	Larimer	07/02/2009	Fishback	15	0	43	0	0	**58**
FC-041	LIGHT	Larimer	07/09/2009	Fishback	249	0	142	3	0	**394**
FC-041	LIGHT	Larimer	07/16/2009	Fishback	58	0	227	2	0	**287**
FC-041	LIGHT	Larimer	07/23/2009	Fishback	9	0	179	0	0	**188**
FC-041	LIGHT	Larimer	07/30/2009	Fishback	15	0	70	0	0	**85**
FC-041	LIGHT	Larimer	08/06/2009	Fishback	462	0	148	1	0	**611**
FC-041	LIGHT	Larimer	08/13/2009	Fishback	23	0	15	0	0	**38**
FC-041	LIGHT	Larimer	08/20/2009	Fishback	0	0	0	0	0	**0**
FC-041	LIGHT	Larimer	08/27/2009	Fishback	24	0	14	0	0	**38**
FC-041	LIGHT	Larimer	09/03/2009	Fishback	13	0	23	0	0	**36**
FC-046	LIGHT	Larimer	06/10/2009	725 Westshore Court	20	0	1	0	0	**21**
FC-046	LIGHT	Larimer	06/17/2009	725 Westshore Court	157	0	0	0	0	**157**
FC-046	LIGHT	Larimer	06/24/2009	725 Westshore Court	125	0	1	0	0	**126**
FC-046	LIGHT	Larimer	07/01/2009	725 Westshore Court	100	0	36	3	0	**139**
FC-046	LIGHT	Larimer	07/08/2009	725 Westshore Court	42	0	35	2	0	**79**
FC-046	LIGHT	Larimer	07/15/2009	725 Westshore Court	85	0	63	2	0	**150**
FC-046	LIGHT	Larimer	07/22/2009	725 Westshore Court	14	0	44	0	0	**58**
FC-046	LIGHT	Larimer	07/29/2009	725 Westshore Court	38	0	27	0	0	**65**
FC-046	LIGHT	Larimer	08/05/2009	725 Westshore Court	121	0	22	0	0	**143**
FC-046	LIGHT	Larimer	08/12/2009	725 Westshore Court	22	0	29	6	0	**57**
FC-046	LIGHT	Larimer	08/19/2009	725 Westshore Court	9	0	1	0	0	**10**
FC-046	LIGHT	Larimer	09/02/2009	725 Westshore Court	1	0	7	0	0	**8**
FC-047	LIGHT	Larimer	06/10/2009	Keenland & Twin Oak	10	0	0	0	0	**10**
FC-047	LIGHT	Larimer	06/17/2009	Keenland & Twin Oak	11	0	0	0	0	**11**
FC-047	LIGHT	Larimer	06/24/2009	Keenland & Twin Oak	19	0	0	0	0	**19**
FC-047	LIGHT	Larimer	07/01/2009	Keenland & Twin Oak	12	0	10	0	0	**22**
FC-047	LIGHT	Larimer	07/08/2009	Keenland & Twin Oak	12	0	11	0	0	**23**
FC-047	LIGHT	Larimer	07/15/2009	Keenland & Twin Oak	9	0	21	1	0	**31**
FC-047	LIGHT	Larimer	07/22/2009	Keenland & Twin Oak	6	0	31	0	0	**37**
FC-047	LIGHT	Larimer	07/29/2009	Keenland & Twin Oak	18	0	28	1	0	**47**
FC-047	LIGHT	Larimer	08/05/2009	Keenland & Twin Oak	0	0	0	0	0	**0**
FC-047	LIGHT	Larimer	08/07/2009	Keenland & Twin Oak	10	0	4	0	0	**14**
FC-047	LIGHT	Larimer	08/12/2009	Keenland & Twin Oak	6	0	5	0	0	**11**
FC-047	LIGHT	Larimer	08/19/2009	Keenland & Twin Oak	2	0	0	0	0	**2**
FC-047	LIGHT	Larimer	09/02/2009	Keenland & Twin Oak	0	0	0	0	0	**0**
FC-049	LIGHT	Larimer	06/11/2009	Casa Grande and Downin	2	0	0	0	0	**2**
FC-049	LIGHT	Larimer	06/18/2009	Casa Grande and Downin	6	0	0	0	0	**6**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-049	LIGHT	Larimer	06/25/2009	Casa Grande and Downin	17	0	3	1	0	**21**
FC-049	LIGHT	Larimer	07/02/2009	Casa Grande and Downin	3	0	1	0	0	**4**
FC-049	LIGHT	Larimer	07/09/2009	Casa Grande and Downin	4	0	4	0	0	**8**
FC-049	LIGHT	Larimer	07/16/2009	Casa Grande and Downin	6	0	12	1	0	**19**
FC-049	LIGHT	Larimer	07/23/2009	Casa Grande and Downin	0	0	17	0	0	**17**
FC-049	LIGHT	Larimer	07/30/2009	Casa Grande and Downin	2	0	3	0	0	**5**
FC-049	LIGHT	Larimer	08/06/2009	Casa Grande and Downin	11	0	6	1	0	**18**
FC-049	LIGHT	Larimer	08/13/2009	Casa Grande and Downin	8	0	9	0	0	**17**
FC-049	LIGHT	Larimer	08/20/2009	Casa Grande and Downin	1	0	2	0	0	**3**
FC-049	LIGHT	Larimer	08/27/2009	Casa Grande and Downin	1	0	1	0	0	**2**
FC-050	LIGHT	Larimer	06/10/2009	Golden Meadows Ditch	3	0	0	0	0	**3**
FC-050	LIGHT	Larimer	06/17/2009	Golden Meadows Ditch	19	0	0	1	0	**20**
FC-050	LIGHT	Larimer	06/24/2009	Golden Meadows Ditch	64	0	0	2	0	**66**
FC-050	LIGHT	Larimer	07/01/2009	Golden Meadows Ditch	39	0	19	2	0	**60**
FC-050	LIGHT	Larimer	07/08/2009	Golden Meadows Ditch	38	0	30	0	0	**68**
FC-050	LIGHT	Larimer	07/15/2009	Golden Meadows Ditch	12	0	54	0	0	**66**
FC-050	LIGHT	Larimer	07/22/2009	Golden Meadows Ditch	15	0	87	2	0	**104**
FC-050	LIGHT	Larimer	07/29/2009	Golden Meadows Ditch	4	0	38	2	0	**44**
FC-050	LIGHT	Larimer	08/05/2009	Golden Meadows Ditch	21	0	29	0	0	**50**
FC-050	LIGHT	Larimer	08/12/2009	Golden Meadows Ditch	18	0	25	2	0	**45**
FC-050	LIGHT	Larimer	08/19/2009	Golden Meadows Ditch	1	0	2	0	0	**3**
FC-052	LIGHT	Larimer	06/18/2009	603 Gilgalad Way	15	0	0	2	0	**17**
FC-052	LIGHT	Larimer	06/25/2009	603 Gilgalad Way	22	0	2	0	0	**24**
FC-052	LIGHT	Larimer	07/02/2009	603 Gilgalad Way	44	0	18	11	0	**73**
FC-052	LIGHT	Larimer	07/09/2009	603 Gilgalad Way	28	0	7	2	0	**37**
FC-052	LIGHT	Larimer	07/16/2009	603 Gilgalad Way	21	0	16	3	0	**40**
FC-052	LIGHT	Larimer	07/23/2009	603 Gilgalad Way	7	0	10	1	0	**18**
FC-052	LIGHT	Larimer	07/30/2009	603 Gilgalad Way	0	0	12	1	0	**13**
FC-052	LIGHT	Larimer	08/06/2009	603 Gilgalad Way	69	0	11	1	0	**81**
FC-052	LIGHT	Larimer	08/13/2009	603 Gilgalad Way	11	0	8	3	0	**22**
FC-052	LIGHT	Larimer	08/20/2009	603 Gilgalad Way	8	0	14	1	0	**23**
FC-052	LIGHT	Larimer	08/27/2009	603 Gilgalad Way	5	0	0	0	0	**5**
FC-052	LIGHT	Larimer	09/03/2009	603 Gilgalad Way	4	0	0	3	0	**7**
FC-053	LIGHT	Larimer	05/27/2009	Egret and Rookery	0	0	0	0	0	**0**
FC-053	LIGHT	Larimer	06/05/2009	Egret and Rookery	3	0	3	0	0	**6**
FC-053	LIGHT	Larimer	06/09/2009	Egret and Rookery	9	0	2	1	0	**12**
FC-053	LIGHT	Larimer	06/16/2009	Egret and Rookery	16	0	8	6	0	**30**
FC-053	LIGHT	Larimer	06/23/2009	Egret and Rookery	189	0	22	15	0	**226**
FC-053	LIGHT	Larimer	06/24/2009	Egret and Rookery	52	0	23	3	0	**78**
FC-053	LIGHT	Larimer	06/30/2009	Egret and Rookery	241	0	298	23	0	**562**
FC-053	LIGHT	Larimer	07/01/2009	Egret and Rookery	109	0	242	8	0	**359**
FC-053	LIGHT	Larimer	07/07/2009	Egret and Rookery	0	0	0	0	0	**0**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-053	LIGHT	Larimer	07/08/2009	Egret and Rookery	47	0	198	12	0	**257**
FC-053	LIGHT	Larimer	07/09/2009	Egret and Rookery	45	0	437	9	0	**491**
FC-053	LIGHT	Larimer	07/14/2009	Egret and Rookery	0	0	0	0	0	**0**
FC-053	LIGHT	Larimer	07/15/2009	Egret and Rookery	56	0	405	8	0	**469**
FC-053	LIGHT	Larimer	07/21/2009	Egret and Rookery	76	0	240	7	0	**323**
FC-053	LIGHT	Larimer	07/22/2009	Egret and Rookery	70	0	250	2	0	**322**
FC-053	LIGHT	Larimer	07/28/2009	Egret and Rookery	97	0	119	8	0	**224**
FC-053	LIGHT	Larimer	07/29/2009	Egret and Rookery	51	0	103	0	0	**154**
FC-053	LIGHT	Larimer	08/04/2009	Egret and Rookery	90	0	163	1	0	**254**
FC-053	LIGHT	Larimer	08/05/2009	Egret and Rookery	169	0	115	1	0	**285**
FC-053	LIGHT	Larimer	08/11/2009	Egret and Rookery	47	0	76	0	0	**123**
FC-053	LIGHT	Larimer	08/18/2009	Egret and Rookery	23	0	47	0	0	**70**
FC-053	LIGHT	Larimer	08/25/2009	Egret and Rookery	30	0	63	2	0	**95**
FC-053	LIGHT	Larimer	09/01/2009	Egret and Rookery	30	0	24	0	0	**54**
FC-054	LIGHT	Larimer	06/12/2009	737 Parilment Court	30	0	0	0	0	**30**
FC-054	LIGHT	Larimer	06/19/2009	737 Parilment Court	33	0	0	4	0	**37**
FC-054	LIGHT	Larimer	06/26/2009	737 Parilment Court	74	0	8	1	0	**83**
FC-054	LIGHT	Larimer	07/03/2009	737 Parilment Court	34	0	16	0	0	**50**
FC-054	LIGHT	Larimer	07/10/2009	737 Parilment Court	13	0	21	2	0	**36**
FC-054	LIGHT	Larimer	07/17/2009	737 Parilment Court	44	0	57	6	0	**107**
FC-054	LIGHT	Larimer	07/24/2009	737 Parilment Court	11	0	38	0	0	**49**
FC-054	LIGHT	Larimer	08/07/2009	737 Parilment Court	8	0	0	0	0	**8**
FC-054	LIGHT	Larimer	08/14/2009	737 Parilment Court	29	0	8	0	0	**37**
FC-054	LIGHT	Larimer	08/21/2009	737 Parilment Court	0	0	0	0	0	**0**
FC-054	LIGHT	Larimer	08/28/2009	737 Parilment Court	3	0	0	0	0	**3**
FC-057	LIGHT	Larimer	05/29/2009	Registry Ridge- End of Ra	8	0	1	0	0	**9**
FC-057	LIGHT	Larimer	06/04/2009	Registry Ridge- End of Ra	0	0	0	0	0	**0**
FC-057	LIGHT	Larimer	06/12/2009	Registry Ridge- End of Ra	14	0	0	0	0	**14**
FC-057	LIGHT	Larimer	06/19/2009	Registry Ridge- End of Ra	40	0	0	5	0	**45**
FC-057	LIGHT	Larimer	06/26/2009	Registry Ridge- End of Ra	0	0	0	0	0	**0**
FC-057	LIGHT	Larimer	07/03/2009	Registry Ridge- End of Ra	33	0	20	3	0	**56**
FC-057	LIGHT	Larimer	07/10/2009	Registry Ridge- End of Ra	54	0	31	1	0	**86**
FC-057	LIGHT	Larimer	07/17/2009	Registry Ridge- End of Ra	7	0	16	0	0	**23**
FC-057	LIGHT	Larimer	07/24/2009	Registry Ridge- End of Ra	25	0	59	1	0	**85**
FC-057	LIGHT	Larimer	08/07/2009	Registry Ridge- End of Ra	29	0	18	1	0	**48**
FC-057	LIGHT	Larimer	08/14/2009	Registry Ridge- End of Ra	6	0	10	0	0	**16**
FC-057	LIGHT	Larimer	08/21/2009	Registry Ridge- End of Ra	20	0	13	0	0	**33**
FC-057	LIGHT	Larimer	08/28/2009	Registry Ridge- End of Ra	14	0	3	3	0	**20**
FC-057	LIGHT	Larimer	09/03/2009	Registry Ridge- End of Ra	5	0	4	0	0	**9**
FC-058	LIGHT	Larimer	05/29/2009	Spring Creek Trail @ Mich	0	0	0	0	0	**0**
FC-058	LIGHT	Larimer	06/04/2009	Spring Creek Trail @ Mich	2	0	0	0	0	**2**
FC-058	LIGHT	Larimer	06/11/2009	Spring Creek Trail @ Mich	2	0	1	0	0	**3**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-058	LIGHT	Larimer	06/18/2009	Spring Creek Trail @ Mich	15	0	0	0	0	**15**
FC-058	LIGHT	Larimer	06/25/2009	Spring Creek Trail @ Mich	65	0	0	0	0	**65**
FC-058	LIGHT	Larimer	07/02/2009	Spring Creek Trail @ Mich	125	0	4	2	0	**131**
FC-058	LIGHT	Larimer	07/09/2009	Spring Creek Trail @ Mich	39	0	26	2	0	**67**
FC-058	LIGHT	Larimer	07/16/2009	Spring Creek Trail @ Mich	45	0	28	20	0	**93**
FC-058	LIGHT	Larimer	07/23/2009	Spring Creek Trail @ Mich	17	0	12	2	0	**31**
FC-058	LIGHT	Larimer	07/30/2009	Spring Creek Trail @ Mich	6	0	5	1	0	**12**
FC-058	LIGHT	Larimer	08/06/2009	Spring Creek Trail @ Mich	58	1	6	1	0	**66**
FC-058	LIGHT	Larimer	08/13/2009	Spring Creek Trail @ Mich	16	0	9	5	0	**30**
FC-058	LIGHT	Larimer	08/20/2009	Spring Creek Trail @ Mich	21	0	5	2	0	**28**
FC-058	LIGHT	Larimer	08/27/2009	Spring Creek Trail @ Mich	2	0	2	0	0	**4**
FC-058	LIGHT	Larimer	09/03/2009	Spring Creek Trail @ Mich	15	0	7	0	0	**22**
FC-059	LIGHT	Larimer	06/10/2009	Springwood and Lockwoo	2	0	0	1	0	**3**
FC-059	LIGHT	Larimer	06/17/2009	Springwood and Lockwoo	36	0	2	3	0	**41**
FC-059	LIGHT	Larimer	06/24/2009	Springwood and Lockwoo	209	0	1	0	0	**210**
FC-059	LIGHT	Larimer	07/01/2009	Springwood and Lockwoo	99	0	19	1	0	**119**
FC-059	LIGHT	Larimer	07/08/2009	Springwood and Lockwoo	23	0	15	1	0	**39**
FC-059	LIGHT	Larimer	07/15/2009	Springwood and Lockwoo	108	0	123	7	0	**238**
FC-059	LIGHT	Larimer	07/22/2009	Springwood and Lockwoo	6	0	15	0	0	**21**
FC-059	LIGHT	Larimer	07/29/2009	Springwood and Lockwoo	15	0	20	1	0	**36**
FC-059	LIGHT	Larimer	08/05/2009	Springwood and Lockwoo	25	0	25	3	0	**53**
FC-059	LIGHT	Larimer	08/12/2009	Springwood and Lockwoo	10	0	25	0	0	**35**
FC-059	LIGHT	Larimer	08/19/2009	Springwood and Lockwoo	1	0	7	0	0	**8**
FC-060	LIGHT	Larimer	06/11/2009	808 Pondersosa	1	0	0	0	0	**1**
FC-060	LIGHT	Larimer	06/18/2009	808 Pondersosa	5	0	0	0	0	**5**
FC-060	LIGHT	Larimer	06/25/2009	808 Pondersosa	11	0	0	0	0	**11**
FC-060	LIGHT	Larimer	07/02/2009	808 Pondersosa	12	0	3	1	0	**16**
FC-060	LIGHT	Larimer	07/09/2009	808 Pondersosa	36	0	13	1	0	**50**
FC-060	LIGHT	Larimer	07/16/2009	808 Pondersosa	3	0	21	2	0	**26**
FC-060	LIGHT	Larimer	07/23/2009	808 Pondersosa	2	0	42	0	0	**44**
FC-060	LIGHT	Larimer	07/30/2009	808 Pondersosa	1	0	14	2	0	**17**
FC-060	LIGHT	Larimer	08/06/2009	808 Pondersosa	118	0	19	0	0	**137**
FC-060	LIGHT	Larimer	08/13/2009	808 Pondersosa	9	0	9	0	0	**18**
FC-060	LIGHT	Larimer	08/20/2009	808 Pondersosa	5	0	2	0	0	**7**
FC-060	LIGHT	Larimer	08/27/2009	808 Pondersosa	1	0	5	0	0	**6**
FC-061	LIGHT	Larimer	05/29/2009	Holley Environ. Plant Res	7	0	0	0	0	**7**
FC-061	LIGHT	Larimer	06/04/2009	Holley Environ. Plant Res	2	0	0	0	0	**2**
FC-061	LIGHT	Larimer	06/11/2009	Holley Environ. Plant Res	14	0	0	0	0	**14**
FC-061	LIGHT	Larimer	06/18/2009	Holley Environ. Plant Res	87	0	8	2	0	**97**
FC-061	LIGHT	Larimer	06/25/2009	Holley Environ. Plant Res	178	0	22	0	0	**200**
FC-061	LIGHT	Larimer	07/02/2009	Holley Environ. Plant Res	0	0	0	0	0	**0**
FC-061	LIGHT	Larimer	07/03/2009	Holley Environ. Plant Res	95	0	28	2	0	**125**

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Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-061	LIGHT	Larimer	07/09/2009	Holley Environ. Plant Res	151	0	92	4	0	**247**
FC-061	LIGHT	Larimer	07/16/2009	Holley Environ. Plant Res	99	0	328	1	0	**428**
FC-061	LIGHT	Larimer	07/23/2009	Holley Environ. Plant Res	31	0	340	2	0	**373**
FC-061	LIGHT	Larimer	07/30/2009	Holley Environ. Plant Res	32	0	64	0	0	**96**
FC-061	LIGHT	Larimer	08/06/2009	Holley Environ. Plant Res	347	0	127	1	0	**475**
FC-061	LIGHT	Larimer	08/13/2009	Holley Environ. Plant Res	28	0	36	0	0	**64**
FC-061	LIGHT	Larimer	08/20/2009	Holley Environ. Plant Res	53	0	46	1	0	**100**
FC-061	LIGHT	Larimer	08/27/2009	Holley Environ. Plant Res	22	0	12	1	0	**35**
FC-061	LIGHT	Larimer	09/03/2009	Holley Environ. Plant Res	3	0	14	1	0	**18**
FC-062	LIGHT	Larimer	06/12/2009	Waters Edge at Blue Mes	1	0	0	1	0	**2**
FC-062	LIGHT	Larimer	06/19/2009	Waters Edge at Blue Mes	12	0	0	0	0	**12**
FC-062	LIGHT	Larimer	06/26/2009	Waters Edge at Blue Mes	44	0	1	3	0	**48**
FC-062	LIGHT	Larimer	07/03/2009	Waters Edge at Blue Mes	34	0	15	0	0	**49**
FC-062	LIGHT	Larimer	07/10/2009	Waters Edge at Blue Mes	115	0	25	4	0	**144**
FC-062	LIGHT	Larimer	07/17/2009	Waters Edge at Blue Mes	31	0	55	2	0	**88**
FC-062	LIGHT	Larimer	07/24/2009	Waters Edge at Blue Mes	13	0	30	0	0	**43**
FC-062	LIGHT	Larimer	08/07/2009	Waters Edge at Blue Mes	58	0	6	0	0	**64**
FC-062	LIGHT	Larimer	08/10/2009	Waters Edge at Blue Mes	47	0	76	0	0	**123**
FC-062	LIGHT	Larimer	08/14/2009	Waters Edge at Blue Mes	51	0	24	0	0	**75**
FC-062	LIGHT	Larimer	08/21/2009	Waters Edge at Blue Mes	7	0	3	0	0	**10**
FC-062	LIGHT	Larimer	08/28/2009	Waters Edge at Blue Mes	2	0	2	0	0	**4**
FC-063	LIGHT	Larimer	06/18/2009	Red Fox Meadows FCNA	64	0	0	1	0	**65**
FC-063	LIGHT	Larimer	06/25/2009	Red Fox Meadows FCNA	135	0	0	1	0	**136**
FC-063	LIGHT	Larimer	07/02/2009	Red Fox Meadows FCNA	85	0	4	1	0	**90**
FC-063	LIGHT	Larimer	07/09/2009	Red Fox Meadows FCNA	186	0	4	0	0	**190**
FC-063	LIGHT	Larimer	07/16/2009	Red Fox Meadows FCNA	64	0	10	0	0	**74**
FC-063	LIGHT	Larimer	07/23/2009	Red Fox Meadows FCNA	87	0	26	1	0	**114**
FC-063	LIGHT	Larimer	07/30/2009	Red Fox Meadows FCNA	51	0	17	2	0	**70**
FC-063	LIGHT	Larimer	08/06/2009	Red Fox Meadows FCNA	577	0	2	0	0	**579**
FC-063	LIGHT	Larimer	08/13/2009	Red Fox Meadows FCNA	78	0	5	1	0	**84**
FC-063	LIGHT	Larimer	08/20/2009	Red Fox Meadows FCNA	62	0	0	0	0	**62**
FC-063	LIGHT	Larimer	08/27/2009	Red Fox Meadows FCNA	44	0	0	0	0	**44**
FC-063	LIGHT	Larimer	09/03/2009	Red Fox Meadows FCNA	10	0	1	0	0	**11**
FC-064	LIGHT	Larimer	05/28/2009	West Chase @ Kechter F	18	0	2	0	0	**20**
FC-064	LIGHT	Larimer	06/05/2009	West Chase @ Kechter F	6	0	5	0	0	**11**
FC-064	LIGHT	Larimer	06/10/2009	West Chase @ Kechter F	87	0	7	5	0	**99**
FC-064	LIGHT	Larimer	06/17/2009	West Chase @ Kechter F	161	0	13	22	0	**196**
FC-064	LIGHT	Larimer	06/24/2009	West Chase @ Kechter F	131	0	35	6	0	**172**
FC-064	LIGHT	Larimer	07/01/2009	West Chase @ Kechter F	91	0	99	0	0	**190**
FC-064	LIGHT	Larimer	07/08/2009	West Chase @ Kechter F	95	0	144	9	0	**248**
FC-064	LIGHT	Larimer	07/15/2009	West Chase @ Kechter F	149	0	187	3	0	**339**
FC-064	LIGHT	Larimer	07/22/2009	West Chase @ Kechter F	115	0	342	13	0	**470**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-064	LIGHT	Larimer	07/29/2009	West Chase @ Kechter F	56	0	27	1	0	**84**
FC-064	LIGHT	Larimer	08/05/2009	West Chase @ Kechter F	0	0	0	0	0	**0**
FC-064	LIGHT	Larimer	08/06/2009	West Chase @ Kechter F	118	0	67	0	0	**185**
FC-064	LIGHT	Larimer	08/12/2009	West Chase @ Kechter F	114	0	112	3	0	**229**
FC-064	LIGHT	Larimer	08/19/2009	West Chase @ Kechter F	72	0	29	2	0	**103**
FC-064	LIGHT	Larimer	08/26/2009	West Chase @ Kechter F	13	0	45	1	0	**59**
FC-064	LIGHT	Larimer	09/02/2009	West Chase @ Kechter F	20	0	12	1	0	**33**
FC-066	LIGHT	Larimer	05/26/2009	Prospect Ponds @ Drake	7	0	2	0	0	**9**
FC-066	LIGHT	Larimer	06/04/2009	Prospect Ponds @ Drake	6	0	5	2	0	**13**
FC-066	LIGHT	Larimer	06/09/2009	Prospect Ponds @ Drake	16	0	3	0	0	**19**
FC-066	LIGHT	Larimer	06/16/2009	Prospect Ponds @ Drake	124	0	4	4	0	**132**
FC-066	LIGHT	Larimer	06/23/2009	Prospect Ponds @ Drake	3540	0	14	17	0	**3,571**
FC-066	LIGHT	Larimer	06/30/2009	Prospect Ponds @ Drake	3276	0	29	13	53	**3,371**
FC-066	LIGHT	Larimer	07/07/2009	Prospect Ponds @ Drake	0	0	0	0	0	**0**
FC-066	LIGHT	Larimer	07/08/2009	Prospect Ponds @ Drake	3490	0	59	2	21	**3,572**
FC-066	LIGHT	Larimer	07/14/2009	Prospect Ponds @ Drake	33	0	6	0	0	**39**
FC-066	LIGHT	Larimer	07/21/2009	Prospect Ponds @ Drake	823	0	75	26	113	**1,037**
FC-066	LIGHT	Larimer	07/28/2009	Prospect Ponds @ Drake	534	6	80	11	0	**631**
FC-066	LIGHT	Larimer	08/04/2009	Prospect Ponds @ Drake	0	0	0	0	0	**0**
FC-066	LIGHT	Larimer	08/06/2009	Prospect Ponds @ Drake	928	0	44	4	0	**976**
FC-066	LIGHT	Larimer	08/11/2009	Prospect Ponds @ Drake	1238	4	41	2	0	**1,285**
FC-066	LIGHT	Larimer	08/18/2009	Prospect Ponds @ Drake	199	2	8	3	0	**212**
FC-066	LIGHT	Larimer	08/26/2009	Prospect Ponds @ Drake	5	0	0	1	0	**6**
FC-066	LIGHT	Larimer	09/02/2009	Prospect Ponds @ Drake	117	0	7	3	0	**127**
FC-067	LIGHT	Larimer	05/27/2009	Poudre River Drive at bike	101	0	0	0	0	**101**
FC-067	LIGHT	Larimer	06/05/2009	Poudre River Drive at bike	311	0	2	1	0	**314**
FC-067	LIGHT	Larimer	06/09/2009	Poudre River Drive at bike	533	0	1	1	0	**535**
FC-067	LIGHT	Larimer	06/16/2009	Poudre River Drive at bike	165	0	0	4	0	**169**
FC-067	LIGHT	Larimer	06/23/2009	Poudre River Drive at bike	358	0	8	5	0	**371**
FC-067	LIGHT	Larimer	06/24/2009	Poudre River Drive at bike	208	0	15	5	0	**228**
FC-067	LIGHT	Larimer	06/30/2009	Poudre River Drive at bike	431	0	33	0	26	**490**
FC-067	LIGHT	Larimer	07/01/2009	Poudre River Drive at bike	605	0	116	2	14	**737**
FC-067	LIGHT	Larimer	07/07/2009	Poudre River Drive at bike	0	0	0	0	0	**0**
FC-067	LIGHT	Larimer	07/08/2009	Poudre River Drive at bike	250	0	30	2	0	**282**
FC-067	LIGHT	Larimer	07/09/2009	Poudre River Drive at bike	464	0	178	14	9	**665**
FC-067	LIGHT	Larimer	07/14/2009	Poudre River Drive at bike	1051	0	499	2	3	**1,555**
FC-067	LIGHT	Larimer	07/15/2009	Poudre River Drive at bike	1072	0	287	9	14	**1,382**
FC-067	LIGHT	Larimer	07/21/2009	Poudre River Drive at bike	708	0	203	19	18	**948**
FC-067	LIGHT	Larimer	07/22/2009	Poudre River Drive at bike	167	0	109	0	0	**276**
FC-067	LIGHT	Larimer	07/28/2009	Poudre River Drive at bike	247	0	88	3	12	**350**
FC-067	LIGHT	Larimer	07/29/2009	Poudre River Drive at bike	131	0	31	11	0	**173**
FC-067	LIGHT	Larimer	08/04/2009	Poudre River Drive at bike	1019	0	65	16	0	**1,100**

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Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-067	LIGHT	Larimer	08/05/2009	Poudre River Drive at bike	1458	0	86	3	7	**1,554**
FC-067	LIGHT	Larimer	08/11/2009	Poudre River Drive at bike	2326	0	41	0	126	**2,493**
FC-067	LIGHT	Larimer	08/18/2009	Poudre River Drive at bike	539	0	45	0	0	**584**
FC-067	LIGHT	Larimer	08/25/2009	Poudre River Drive at bike	2179	0	28	2	0	**2,209**
FC-067	LIGHT	Larimer	09/01/2009	Poudre River Drive at bike	389	0	14	1	0	**404**
FC-068	LIGHT	Larimer	05/29/2009	502 Crest Drive	0	0	0	0	0	**0**
FC-068	LIGHT	Larimer	06/04/2009	502 Crest Drive	0	0	0	0	0	**0**
FC-068	LIGHT	Larimer	06/12/2009	502 Crest Drive	4	0	0	0	0	**4**
FC-068	LIGHT	Larimer	06/19/2009	502 Crest Drive	35	0	2	6	0	**43**
FC-068	LIGHT	Larimer	06/26/2009	502 Crest Drive	40	0	1	0	0	**41**
FC-068	LIGHT	Larimer	07/03/2009	502 Crest Drive	31	0	6	3	0	**40**
FC-068	LIGHT	Larimer	07/10/2009	502 Crest Drive	21	0	21	5	0	**47**
FC-068	LIGHT	Larimer	07/17/2009	502 Crest Drive	53	0	61	3	0	**117**
FC-068	LIGHT	Larimer	07/24/2009	502 Crest Drive	14	0	22	0	0	**36**
FC-068	LIGHT	Larimer	08/07/2009	502 Crest Drive	37	0	6	0	0	**43**
FC-068	LIGHT	Larimer	08/14/2009	502 Crest Drive	35	0	9	0	0	**44**
FC-068	LIGHT	Larimer	08/21/2009	502 Crest Drive	7	0	3	0	0	**10**
FC-068	LIGHT	Larimer	08/28/2009	502 Crest Drive	4	0	1	0	0	**5**
FC-068	LIGHT	Larimer	09/03/2009	502 Crest Drive	2	0	0	0	0	**2**
FC-069	LIGHT	Larimer	05/26/2009	Lindenwood HOA	1	0	0	0	0	**1**
FC-069	LIGHT	Larimer	06/04/2009	Lindenwood HOA	0	0	0	0	0	**0**
FC-069	LIGHT	Larimer	06/09/2009	Lindenwood HOA	1	0	0	0	0	**1**
FC-069	LIGHT	Larimer	06/16/2009	Lindenwood HOA	29	0	1	0	0	**30**
FC-069	LIGHT	Larimer	06/23/2009	Lindenwood HOA	92	0	0	0	0	**92**
FC-069	LIGHT	Larimer	06/30/2009	Lindenwood HOA	78	0	10	2	0	**90**
FC-069	LIGHT	Larimer	07/07/2009	Lindenwood HOA	290	0	28	3	0	**321**
FC-069	LIGHT	Larimer	07/14/2009	Lindenwood HOA	148	0	163	4	0	**315**
FC-069	LIGHT	Larimer	07/21/2009	Lindenwood HOA	126	0	23	1	0	**150**
FC-069	LIGHT	Larimer	07/28/2009	Lindenwood HOA	71	0	31	0	0	**102**
FC-069	LIGHT	Larimer	08/04/2009	Lindenwood HOA	213	0	27	0	0	**240**
FC-069	LIGHT	Larimer	08/11/2009	Lindenwood HOA	119	0	29	2	0	**150**
FC-069	LIGHT	Larimer	08/18/2009	Lindenwood HOA	26	0	5	0	0	**31**
FC-069	LIGHT	Larimer	08/26/2009	Lindenwood HOA	13	0	4	0	0	**17**
FC-069	LIGHT	Larimer	09/02/2009	Lindenwood HOA	15	0	4	2	0	**21**
FC-071	LIGHT	Larimer	06/12/2009	Silvergate Road	0	0	0	0	0	**0**
FC-071	LIGHT	Larimer	06/19/2009	Silvergate Road	2	0	0	0	0	**2**
FC-071	LIGHT	Larimer	06/26/2009	Silvergate Road	10	0	3	0	0	**13**
FC-071	LIGHT	Larimer	07/03/2009	Silvergate Road	11	0	1	0	0	**12**
FC-071	LIGHT	Larimer	07/10/2009	Silvergate Road	10	0	59	3	0	**72**
FC-071	LIGHT	Larimer	07/17/2009	Silvergate Road	10	0	68	2	0	**80**
FC-071	LIGHT	Larimer	07/24/2009	Silvergate Road	12	0	98	1	0	**111**
FC-071	LIGHT	Larimer	08/07/2009	Silvergate Road	8	0	25	0	0	**33**

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Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-071	LIGHT	Larimer	08/14/2009	Silvergate Road	0	0	21	0	0	**21**
FC-071	LIGHT	Larimer	08/21/2009	Silvergate Road	4	0	18	0	0	**22**
FC-071	LIGHT	Larimer	08/28/2009	Silvergate Road	0	0	0	0	0	**0**
FC-072	LIGHT	Larimer	06/09/2009	422 Lake Drive Alley	0	0	0	0	0	**0**
FC-072	LIGHT	Larimer	06/16/2009	422 Lake Drive Alley	8	0	0	2	0	**10**
FC-072	LIGHT	Larimer	06/23/2009	422 Lake Drive Alley	30	0	1	0	0	**31**
FC-072	LIGHT	Larimer	06/30/2009	422 Lake Drive Alley	59	0	33	3	0	**95**
FC-072	LIGHT	Larimer	07/07/2009	422 Lake Drive Alley	101	0	59	5	0	**165**
FC-072	LIGHT	Larimer	07/14/2009	422 Lake Drive Alley	84	0	314	7	0	**405**
FC-072	LIGHT	Larimer	07/21/2009	422 Lake Drive Alley	15	0	52	1	0	**68**
FC-072	LIGHT	Larimer	07/28/2009	422 Lake Drive Alley	12	0	112	0	0	**124**
FC-072	LIGHT	Larimer	08/04/2009	422 Lake Drive Alley	10	0	114	3	0	**127**
FC-072	LIGHT	Larimer	08/11/2009	422 Lake Drive Alley	53	0	85	3	0	**141**
FC-072	LIGHT	Larimer	08/18/2009	422 Lake Drive Alley	24	0	54	0	0	**78**
FC-073	LIGHT	Larimer	06/09/2009	118 Grant	1	0	1	0	0	**2**
FC-073	LIGHT	Larimer	06/16/2009	118 Grant	3	0	2	0	0	**5**
FC-073	LIGHT	Larimer	06/23/2009	118 Grant	25	0	2	0	0	**27**
FC-073	LIGHT	Larimer	06/30/2009	118 Grant	34	0	22	4	0	**60**
FC-073	LIGHT	Larimer	07/07/2009	118 Grant	90	0	91	2	0	**183**
FC-073	LIGHT	Larimer	07/14/2009	118 Grant	154	0	445	3	0	**602**
FC-073	LIGHT	Larimer	07/21/2009	118 Grant	27	0	226	4	0	**257**
FC-073	LIGHT	Larimer	07/28/2009	118 Grant	13	0	165	2	0	**180**
FC-073	LIGHT	Larimer	08/04/2009	118 Grant	205	0	139	9	0	**353**
FC-073	LIGHT	Larimer	08/11/2009	118 Grant	95	0	264	1	0	**360**
FC-073	LIGHT	Larimer	08/18/2009	118 Grant	0	0	0	0	0	**0**
FC-073	LIGHT	Larimer	08/21/2009	118 Grant	26	0	12	2	2	**42**
FC-073	LIGHT	Larimer	08/26/2009	118 Grant	7	0	6	0	0	**13**

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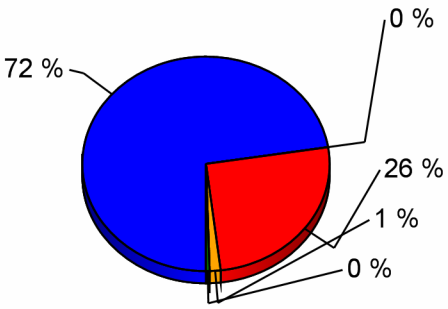
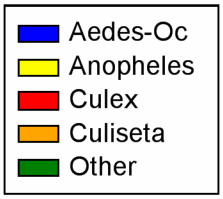
Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-073	LIGHT	Larimer	09/02/2009	118 Grant	5	0	3	0	0	**8**
					64,084		**22,617**		**418**	
						15		**1,258**		**88,392**





	TOTAL	%
Aedes-Oc	**64,084**	**72 %**
Anopheles	**15**	**0 %**
Culex	**22,617**	**26 %**
Culiseta	**1,258**	**1 %**
Other	**418**	**0 %**

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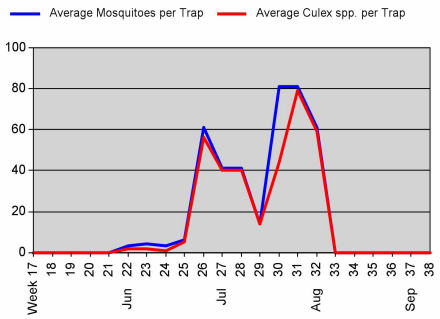
2009 Fort Collins CDC Gravid Trap Composite Data

Total number of trap/nights set: 52
Total number of mosquitoes collected: 1,961
Average mosquitoes per trap/night: 38
Average Culex per trap/night: 37

Species collected and abundance:

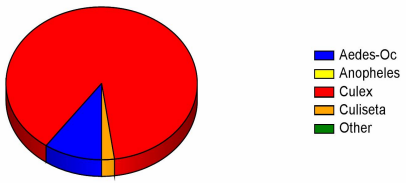
Aedes (Oc.) dorsalis	178	9.1 %
Aedes vexans	38	1.9 %
Culex pipiens	1671	85.2 %
Culex tarsalis	27	1.4 %
Culiseta inornata	47	2.4 %

Seasonality



Genus proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	216	11.0 %
Anopheles	0	0.0 %
Culex	1,931	98.5 %
Culiseta	47	2.4 %
Other	0	0.0 %



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FC-029gr: Bens Park

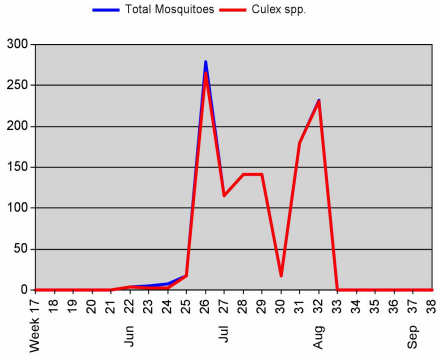
Season: 2009
Trap Type:
Location: Fossil Ridge Park on Fossil Creek Parkway
GPS: N40° 30.672, W105° 4.321

Total number of trap/nights set: 10
Total number of mosquitoes collected: 997
Average mosquitoes per trap/night: 100
Average Culex per trap/night: 120

Species collected and abundance:

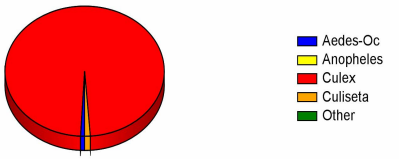
Aedes vexans	10	1.0 %
Culex pipiens	970	97.3 %
Culex tarsalis	3	0.3 %
Culiseta inornata	14	1.4 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	10	1.0 %
Anopheles	0	0.0 %
Culex	1,204	120.8 %
Culiseta	14	1.4 %
Other	0	0.0 %



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FC-033gr: Sage Creek Gravid

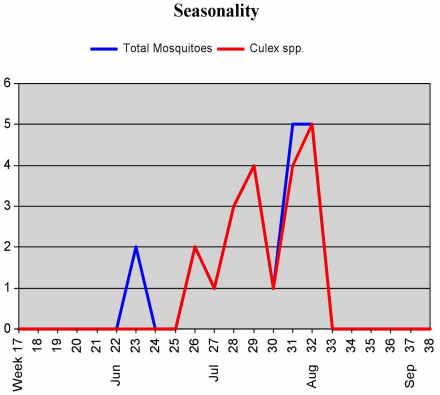
Season: 2009
Trap Type:
Location: 5237 Zeigler
GPS: N40° 30.801', W105° 1.208'

Total number of trap/nights set: 11
Total number of mosquitoes collected: 23
Average mosquitoes per trap/night: 2
Average Culex per trap/night: 2

Species collected and abundance:

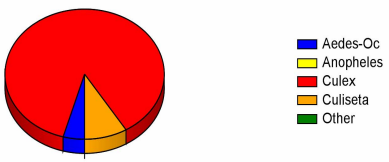
Aedes (Oc.) dorsalis	1	4.3 %
Culex pipiens	17	73.9 %
Culex tarsalis	3	13.0 %
Culiseta inornata	2	8.7 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	1	4.3 %
Anopheles	0	0.0 %
Culex	20	87.0 %
Culiseta	2	8.7 %
Other	0	0.0 %



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FC-040gr: Redwood

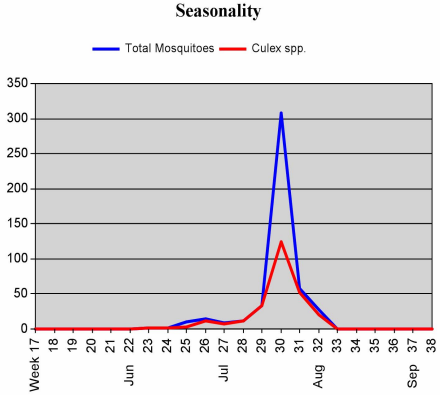
Season: 2009
Trap Type:
Location: Redwood and Conifer at Electrical Post
GPS: N40° 36.201', W105° 4.047'

Total number of trap/nights set: 9
Total number of mosquitoes collected: 473
Average mosquitoes per trap/night: 53
Average Culex per trap/night: 30

Species collected and abundance:

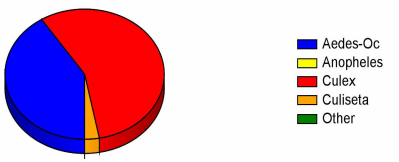
Aedes (Oc.) dorsalis	177	37.4 %
Aedes vexans	17	3.6 %
Culex pipiens	253	53.5 %
Culex tarsalis	12	2.5 %
Culiseta inornata	14	3.0 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	194	41.0 %
Anopheles	0	0.0 %
Culex	266	56.2 %
Culiseta	14	3.0 %
Other	0	0.0 %



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FC-063gr: Red Fox Meadows FCNA

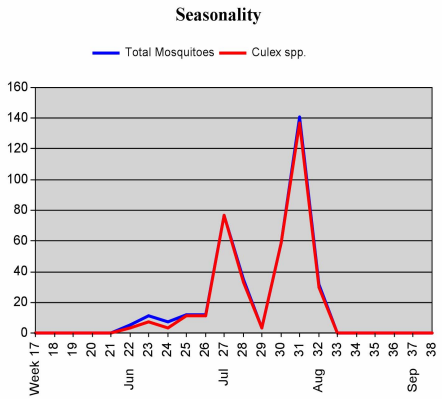
Season: 2009
Trap Type:
Location: Red Fox Meadows FCNA @ Heatherridge Apartment
GPS: N40° 33.937', W105° 6.239'

Total number of trap/nights set:	12
Total number of mosquitoes collected:	382
Average mosquitoes per trap/night:	32
Average Culex per trap/night:	30

Species collected and abundance:

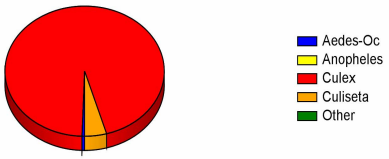
Aedes vexans	2	0.5 %
Culex pipiens	360	94.2 %
Culex tarsalis	3	0.8 %
Culiseta inornata	17	4.5 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	2	0.5 %
Anopheles	0	0.0 %
Culex	363	95.0 %
Culiseta	17	4.5 %
Other	0	0.0 %



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FC-066gr: Prospect Ponds @ Drake Water

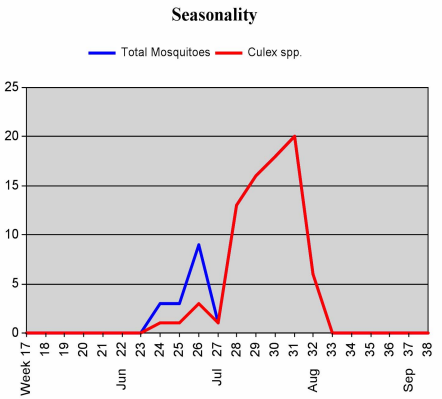
Season: 2009
Trap Type:
Location: Prospect Ponds @ Drake Water Reclamation Facility
GPS: N40° 33.522', W105° 1.364'

Total number of trap/nights set:	10
Total number of mosquitoes collected:	86
Average mosquitoes per trap/night:	9
Average Culex per trap/night:	8

Species collected and abundance:

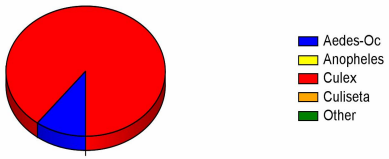
Aedes vexans	9	10.5 %
Culex pipiens	71	82.6 %
Culex tarsalis	6	7.0 %

Seasonality



Genus Proportions:

Genus	Number	Percent of Total
Aedes/Ochlerotatus	9	10.5 %
Anopheles	0	0.0 %
Culex	78	90.7 %
Culiseta	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	06/12/2009	Bens Park	0	0	4	0	0	**4**
FC-029gr	GRAVID	Larimer	06/19/2009	Bens Park	2	0	3	0	0	**5**
FC-029gr	GRAVID	Larimer	06/26/2009	Bens Park	7	0	0	0	0	**7**
FC-029gr	GRAVID	Larimer	07/03/2009	Bens Park	0	0	17	0	0	**17**
FC-029gr	GRAVID	Larimer	07/10/2009	Bens Park	0	0	265	14	0	**279**
FC-029gr	GRAVID	Larimer	07/17/2009	Bens Park	0	0	115	0	0	**115**
FC-029gr	GRAVID	Larimer	07/24/2009	Bens Park	0	0	141	0	0	**141**
FC-029gr	GRAVID	Larimer	08/07/2009	Bens Park	0	0	17	0	0	**17**
FC-029gr	GRAVID	Larimer	08/14/2009	Bens Park	0	0	180	0	0	**180**
FC-029gr	GRAVID	Larimer	08/21/2009	Bens Park	1	0	231	0	0	**232**
FC-029gr	GRAVID	Larimer	08/28/2009	Bens Park	0	0	0	0	0	**0**
FC-033gr	GRAVID	Larimer	06/10/2009	Sage Creek Gravid	0	0	0	0	0	**0**
FC-033gr	GRAVID	Larimer	06/17/2009	Sage Creek Gravid	0	0	0	2	0	**2**
FC-033gr	GRAVID	Larimer	06/24/2009	Sage Creek Gravid	0	0	0	0	0	**0**
FC-033gr	GRAVID	Larimer	07/01/2009	Sage Creek Gravid	0	0	0	0	0	**0**
FC-033gr	GRAVID	Larimer	07/08/2009	Sage Creek Gravid	0	0	2	0	0	**2**
FC-033gr	GRAVID	Larimer	07/15/2009	Sage Creek Gravid	0	0	1	0	0	**1**
FC-033gr	GRAVID	Larimer	07/22/2009	Sage Creek Gravid	0	0	3	0	0	**3**
FC-033gr	GRAVID	Larimer	07/29/2009	Sage Creek Gravid	0	0	4	0	0	**4**
FC-033gr	GRAVID	Larimer	08/05/2009	Sage Creek Gravid	0	0	1	0	0	**1**
FC-033gr	GRAVID	Larimer	08/12/2009	Sage Creek Gravid	1	0	4	0	0	**5**
FC-033gr	GRAVID	Larimer	08/19/2009	Sage Creek Gravid	0	0	5	0	0	**5**
FC-040gr	GRAVID	Larimer	06/16/2009	Redwood	0	0	1	1	0	**2**
FC-040gr	GRAVID	Larimer	06/23/2009	Redwood	0	0	0	0	0	**0**
FC-040gr	GRAVID	Larimer	06/30/2009	Redwood	6	0	3	1	0	**10**
FC-040gr	GRAVID	Larimer	07/07/2009	Redwood	1	0	12	1	0	**14**
FC-040gr	GRAVID	Larimer	07/14/2009	Redwood	2	0	7	0	0	**9**
FC-040gr	GRAVID	Larimer	07/21/2009	Redwood	0	0	11	0	0	**11**
FC-040gr	GRAVID	Larimer	07/28/2009	Redwood	0	0	33	0	0	**33**
FC-040gr	GRAVID	Larimer	08/04/2009	Redwood	178	0	125	5	0	**308**
FC-040gr	GRAVID	Larimer	08/11/2009	Redwood	3	0	52	3	0	**58**
FC-040gr	GRAVID	Larimer	08/18/2009	Redwood	4	0	21	3	0	**28**
FC-063gr	GRAVID	Larimer	06/11/2009	Red Fox Meadows FCNA	0	0	3	2	0	**5**
FC-063gr	GRAVID	Larimer	06/18/2009	Red Fox Meadows FCNA	0	0	7	4	0	**11**
FC-063gr	GRAVID	Larimer	06/25/2009	Red Fox Meadows FCNA	0	0	3	4	0	**7**
FC-063gr	GRAVID	Larimer	07/02/2009	Red Fox Meadows FCNA	0	0	11	1	0	**12**
FC-063gr	GRAVID	Larimer	07/09/2009	Red Fox Meadows FCNA	0	0	0	0	0	**0**
FC-063gr	GRAVID	Larimer	07/16/2009	Red Fox Meadows FCNA	0	0	77	0	0	**77**
FC-063gr	GRAVID	Larimer	07/23/2009	Red Fox Meadows FCNA	0	0	33	2	0	**35**
FC-063gr	GRAVID	Larimer	07/30/2009	Red Fox Meadows FCNA	0	0	3	0	0	**3**
FC-063gr	GRAVID	Larimer	08/06/2009	Red Fox Meadows FCNA	0	0	59	0	0	**59**
FC-063gr	GRAVID	Larimer	08/13/2009	Red Fox Meadows FCNA	0	0	137	4	0	**141**

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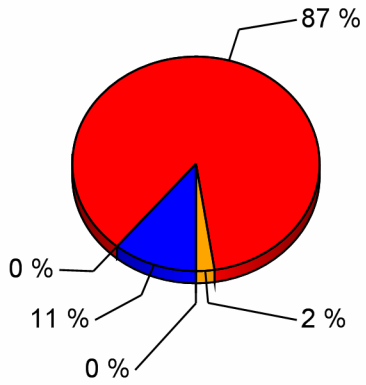
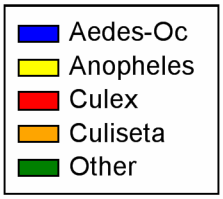
Adult Trap Data - Genus Summary

Trap #	Type	County	Date		Ae/Oc	An	Cx	Cs	Other	TOTAL
FC-063gr	GRAVID	Larimer	08/20/2009	Red Fox Meadows FCNA	2	0	30	0	0	**32**
FC-063gr	GRAVID	Larimer	08/27/2009	Red Fox Meadows FCNA	0	0	0	0	0	**0**
FC-066gr	GRAVID	Larimer	06/16/2009	Prospect Ponds @ Drake	0	0	0	0	0	**0**
FC-066gr	GRAVID	Larimer	06/23/2009	Prospect Ponds @ Drake	2	0	1	0	0	**3**
FC-066gr	GRAVID	Larimer	06/30/2009	Prospect Ponds @ Drake	0	0	0	0	0	**0**
FC-066gr	GRAVID	Larimer	07/02/2009	Prospect Ponds @ Drake	0	0	0	0	0	**0**
FC-066gr	GRAVID	Larimer	07/07/2009	Prospect Ponds @ Drake	6	0	3	0	0	**9**
FC-066gr	GRAVID	Larimer	07/14/2009	Prospect Ponds @ Drake	1	0	0	0	0	**1**
FC-066gr	GRAVID	Larimer	07/21/2009	Prospect Ponds @ Drake	0	0	13	0	0	**13**
FC-066gr	GRAVID	Larimer	07/28/2009	Prospect Ponds @ Drake	0	0	16	0	0	**16**
FC-066gr	GRAVID	Larimer	08/04/2009	Prospect Ponds @ Drake	0	0	18	0	0	**18**
FC-066gr	GRAVID	Larimer	08/11/2009	Prospect Ponds @ Drake	0	0	20	0	0	**20**
FC-066gr	GRAVID	Larimer	08/18/2009	Prospect Ponds @ Drake	0	0	6	0	0	**6**
					216		**1,698**		**0**	
						0		**47**		**1,961**





	TOTAL	%
Aedes-Oc	**216**	**11 %**
Anopheles	**0**	**0 %**
Culex	**1,698**	**87 %**
Culiseta	**47**	**2 %**
Other	**0**	**0 %**

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Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles
Greenstone HOA					
Truck ULV					
06/17/2009	GREENSTONE HOA	AquaLuer ULV	20:10:00	20:35:00	3.3
06/24/2009	GREENSTONE HOA	AquaLuer ULV	12:00:00	12:00:00	0.0
06/25/2009	GREENSTONE HOA	AquaLuer ULV	12:00:00	12:00:00	0.0
06/26/2009	GREENSTONE HOA	AquaLuer ULV	22:40:00	23:04:00	5.0
07/01/2009	GREENSTONE HOA	AquaLuer ULV	12:00:00	12:00:00	0.0
07/02/2009	GREENSTONE	AquaLuer ULV	22:10:00	22:30:00	3.5
07/08/2009	GREENSTONE HOA	AquaLuer ULV	20:06:00	20:27:00	4.0
07/15/2009	GREENSTONE HOA	AquaLuer ULV	21:10:00	21:30:00	3.5
07/23/2009	GREENSTONE HOA	AquaLuer ULV	21:50:00	22:10:00	3.0
08/05/2009	GREENSTONE	AquaLuer ULV	22:31:00	22:53:00	4.0
08/12/2009	GREENSTONE	AquaLuer ULV	22:53:00	23:12:00	4.0
		Truck ULV		**Sum**	**30.3**
				Avg	**2.8**
				Min	**0.0**
				Max	**5.0**
Lindenwood HOA					
Truck ULV					
06/24/2009	LINDENWOOD HOA	AquaLuer ULV	22:35:00	23:10:00	3.7
07/01/2009	LINDENWOOD	AquaLuer ULV	21:34:00	22:01:00	4.0
07/08/2009	LINDENWOOD	AquaLuer ULV	20:26:00	20:51:00	4.0
07/15/2009	LINDENWOOD HOA	AquaLuer ULV	20:20:00	20:35:00	3.3
07/22/2009	LINDENWOOD HOA	AquaLuer ULV	20:30:00	21:00:00	5.0
07/30/2009	LINDENWOOD	AquaLuer ULV	21:17:00	21:45:00	4.0
08/06/2009	LINDENWOOD	AquaLuer ULV	21:36:00	22:07:00	3.6
08/12/2009	LINDENWOOD	AquaLuer ULV	20:20:00	20:42:00	4.0
		Truck ULV		**Sum**	**31.6**
				Avg	**4.0**
				Min	**3.3**
				Max	**5.0**
Paragon Estates HOA					
Truck ULV					
06/17/2009	PARAGON ESTATES	AquaLuer ULV	20:40:00	20:52:00	1.7
06/24/2009	PARAGON ESTATES	AquaLuer ULV	23:00:00	23:13:00	3.0
07/01/2009	PARAGON ESTATES	AquaLuer ULV	12:00:00	12:00:00	0.0
07/02/2009	PARAGON ESTATES	AquaLuer ULV	22:35:00	22:47:00	1.7
07/15/2009	PARAGON ESTATES	AquaLuer ULV	21:00:00	21:06:00	1.4
08/05/2009	PARAGON ESTATES HOA	AquaLuer ULV	22:13:00	22:21:00	2.0
08/12/2009	PARAGON ESTATES	AquaLuer ULV	22:28:00	22:41:00	2.0
		Truck ULV		**Sum**	**11.8**
				Avg	**1.7**

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Adulticide Data

Customer	Subdiv/Area	Material	Start Time	End Time	Miles
				Min	**0.0**
				Max	**3.0**
Willow Springs HOA					
Truck ULV					
06/11/2009	WILLOW SPRINGS	AquaLuer ULV	21:30:00	21:35:00	0.0
06/17/2009	WILLOW SPRINGS	AquaLuer ULV	21:01:00	21:33:00	4.6
06/24/2009	WILLOW SPRINGS	AquaLuer ULV	22:25:00	22:55:00	4.0
07/02/2009	WILLOW SPRINGS	AquaLuer ULV	22:53:00	23:22:00	4.7
07/09/2009	Willow Springs	AquaLuer ULV	21:41:00	22:05:00	4.3
07/16/2009	WILLOW SPRINGS	AquaLuer ULV	23:21:00	23:45:00	4.5
07/23/2009	WILLOW SPRINGS	AquaLuer ULV	23:41:00	12:15:00	5.3
08/05/2009	WILLOW SPRINGS	AquaLuer ULV	21:26:00	22:03:00	5.0
08/13/2009	WILLOW SPRINGS	AquaLuer ULV	22:16:00	23:00:00	6.0
		Truck ULV		**Sum**	**38.4**
				Avg	**4.3**
				Min	**0.0**
				Max	**6.0**
				Grand Total	**112.1**

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