



Mosquito Surveillance and Control Program Monthly Update

The regional area experienced higher precipitation and average temperatures when compared to the historical averages during July of 2014. Consequently, many of the larval sites were found to be wet during the site visits. During the month of July, OtterTail performed 170 site visits and found mosquito larvae during 82 of these visits. Changing climate conditions can cause sites to change significantly, so sites will continue to be inspected on a routine basis until the end of the mosquito season. If mosquito larvae or pupae are found during a site inspection, OtterTail applies materials to control them.

Adult mosquito surveillance continued on a weekly basis throughout the month of July. Culex species mosquitoes, those that are most likely to carry West Nile Virus (WNV), made up approximately 15 percent of all the mosquitoes captured in July.

OtterTail would like to remind residents that WNV has been active in the Front Range region this summer, and this is the time of year when WNV transmissions can quickly increase and are often found at their peak levels. Therefore, we urge residents to take precautions to protect themselves by following the Four D's:

- use Deet-enhanced insect repellent;
- Dress in long sleeves and pants;
- avoid the outdoors from Dusk to Dawn; and
- Drain standing water outside your home.

OtterTail continues to operate a telephone hotline for residents to report additional potential breeding areas or to be added to OtterTail's adult spraying notification list. The telephone number for the hotline is 303-273-2878.

Larval Surveillance and Control Results

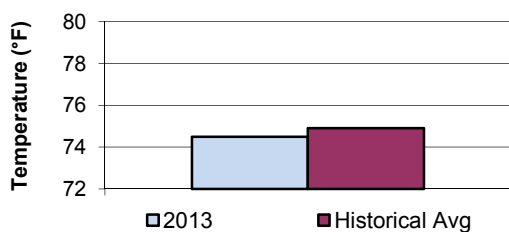
Total # Site Visits	170
Total # Site Treatments	82
Total Acres Treated	16.3

Regional Climate Summary*

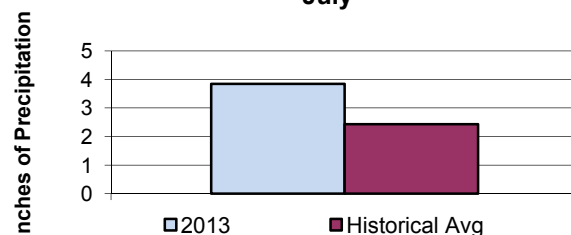
Mean Avg Temp for July 2014 (°F):	74.5
Historical Mean Avg Temp for July (°F):	74.9

Total Precip for July 2014 (inches):	3.85
Historical Avg Precip for July (inches):	2.43

Mean Temperature Comparison for July



Total Precipitation Comparison for July



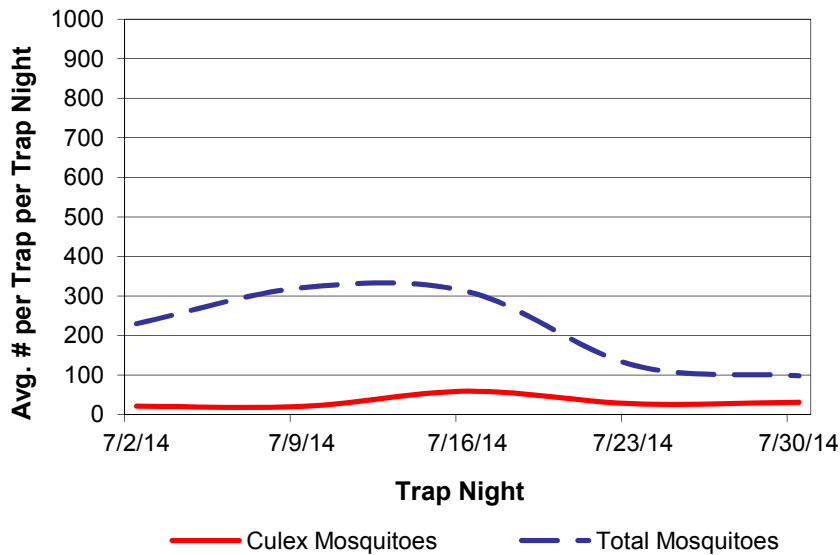


Mosquito Surveillance and Control Program Monthly Update

Adult Mosquito Surveillance Results

Trap Night	Avg. # Culex Mosquitoes per Trap	Avg. # Total Mosquitoes per Trap
7/2/2014	21	230
7/9/2014	20	321
7/16/2014	59	311
7/23/2014	27	125
7/30/2014	31	98

Weekly Adult Trap Counts of All Trap Stations



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



Mosquito Surveillance and Control Program Monthly Update

The regional area experienced lower precipitation and average temperatures when compared to the historical averages during June of 2014. Changing climate conditions can cause sites to change significantly throughout each month, so most sites will be inspected approximately once a week until the end of the mosquito season. If mosquito larvae or pupae are found during a site inspection, OtterTail applies materials to control them. During the month of June, OtterTail performed 83 site visits and found mosquito larvae during 61 of these visits.

Adult mosquito surveillance began on the night of Wednesday, June 4th and will continue on a weekly basis throughout the mosquito season. Culex species mosquitoes, those that are most likely to carry West Nile Virus, made up approximately 4 percent of all the mosquitoes captured in June.

Even though WNV activity within the region has been considered low up to this point in the year, OtterTail would still like to remind residents that this is the time of year when WNV activity can quickly increase. Therefore, they urge residents to take precautions to protect themselves by following the Four D's:

- use Deet-enhanced insect repellent;
- Dress in long sleeves and pants;
- avoid the outdoors from Dusk to Dawn; and
- Drain standing water outside your home.

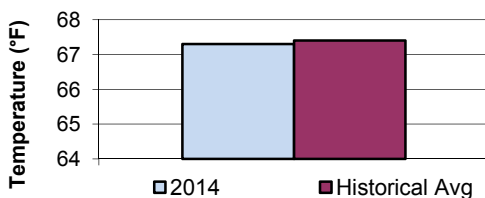
Larval Surveillance and Control Results

Total # Site Visits	83
Total # Site Treatments	61
Total Acres Treated	9.4

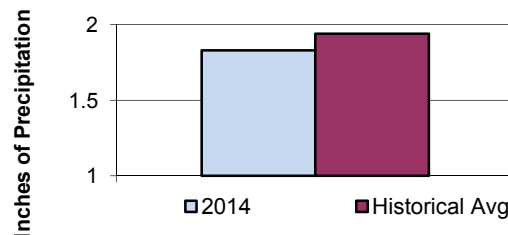
Regional Climate Summary*

Mean Avg Temp for June 2014 (°F):	67.3	Total Precip for June 2014 (inches):	1.83
Historical Mean Avg Temp for June (°F):	67.4	Historical Avg Precip for June (inches):	1.94

Mean Avg Temperature Comparison for June



Total Precipitation Comparison for June



* Climate data based on Denver International Airport 1995-2014 Data

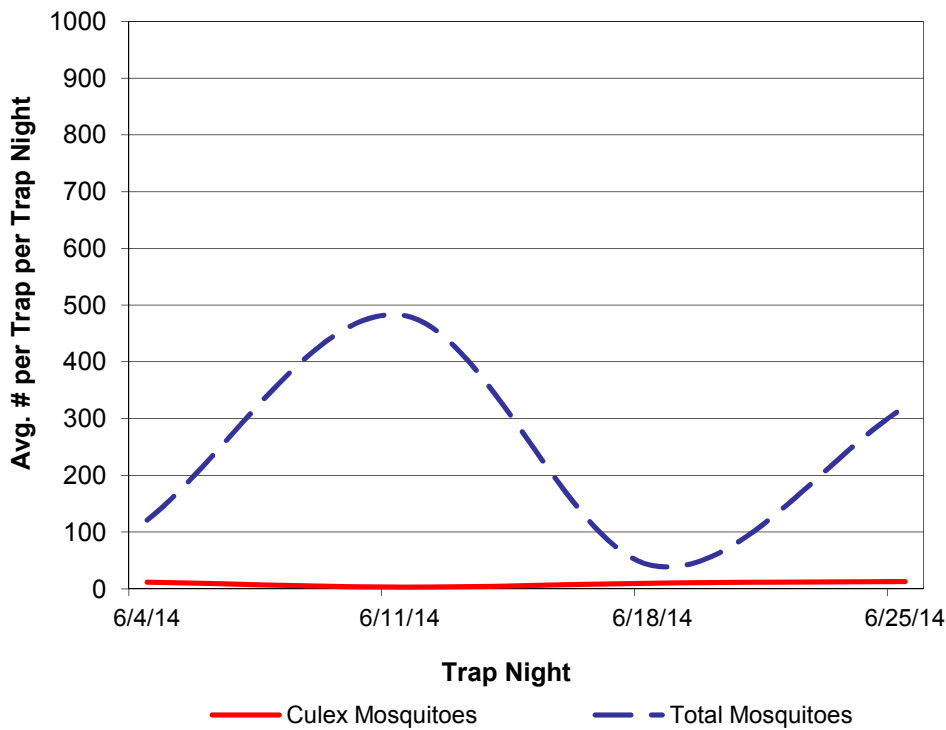


Mosquito Surveillance and Control Program Monthly Update

Adult Mosquito Surveillance Results

Trap Night	Avg. # Culex Mosquitoes per Trap	Avg. # Total Mosquitoes per Trap
6/4/2014	12	121
6/11/2014	3	483
6/18/2014	10	41
6/25/2014	13	321

Weekly Adult Trap Counts of All Trap Stations



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