



Mosquito Surveillance and Control Program Monthly Update

The regional area experienced higher amounts of precipitation and temperatures when compared to the historical averages during June of 2015. Several localized thunderstorms occurred that caused the water levels in many of the larval sites to fluctuate throughout the month. During the month of June, OtterTail performed 103 site visits and found mosquito larvae to be breeding during 4 of these visits. Each time mosquito larvae were found present during a site visit, products were applied to control them.

Adult mosquito surveillance began on a weekly basis during the month of June. *Culex species* mosquitoes, those that are most likely to carry West Nile Virus, made up approximately 7 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, 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.

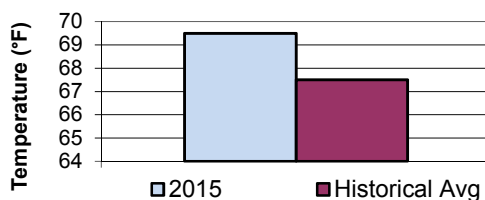
Larval Surveillance and Control Results

Total # Site Visits	103
Total # Site Treatments	4
Total Acres Treated	0.4

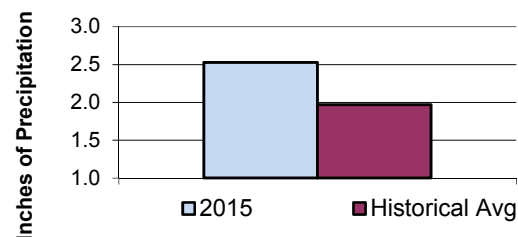
Regional Climate Summary*

Mean Avg Temp for June 2015 (°F):	69.5	Total Precip for June 2015 (inches):	2.53
Historical Mean Avg Temp for June (°F):	67.5	Historical Avg Precip for June (inches):	1.97

Mean Avg Temperature Comparison
for June



Total Precipitation Comparison for
June



* Climate data based on Denver International Airport 1995-2015 Data

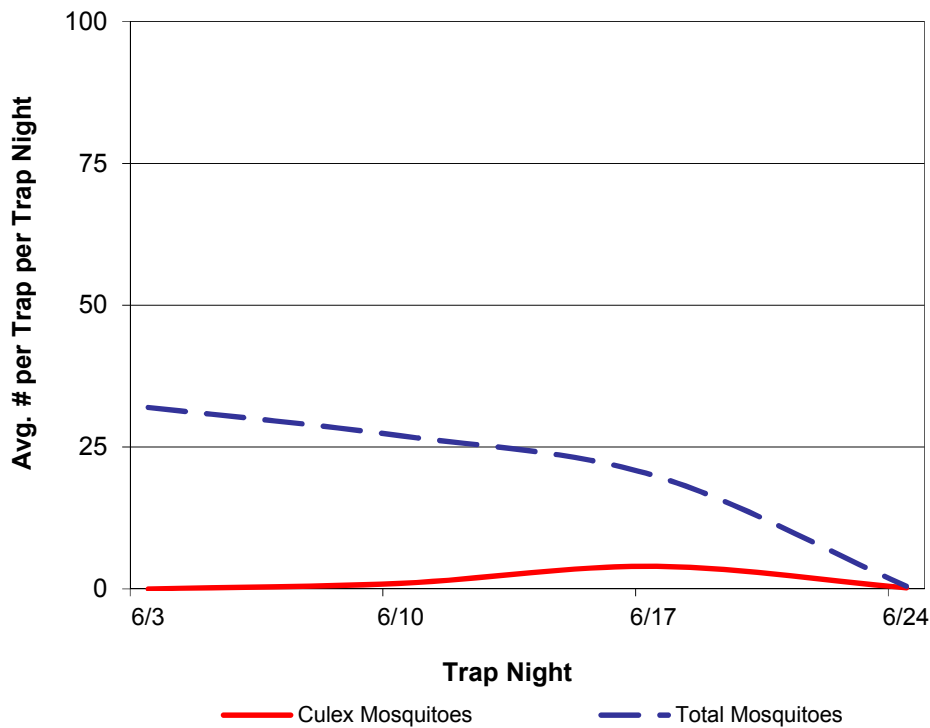


Mosquito Surveillance and Control Program Monthly Update

Adult Mosquito Surveillance Results

Trap Night	Avg. # Culex Mosquitoes per Trap	Avg. # Total Mosquitoes per Trap
6/3/2015	0	32
6/10/2015	1	27
6/17/2015	4	20
6/24/2015	0.2	0.5

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 temperatures when compared to the historical averages during July of 2015. During the month of July, OtterTail performed 107 site visits and found mosquito larvae during 22 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 67 percent of all the mosquitoes captured in July.

Even though WNV activity within the region has been considered low up to this point in the season, OtterTail would still like to remind residents that this is the time of year when it can quickly increase and is often found at 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.

Larval Surveillance and Control Results

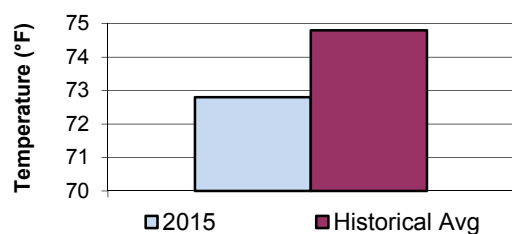
Total # Site Visits	107
Total # Site Treatments	22
Total Acres Treated	3.2

Regional Climate Summary*

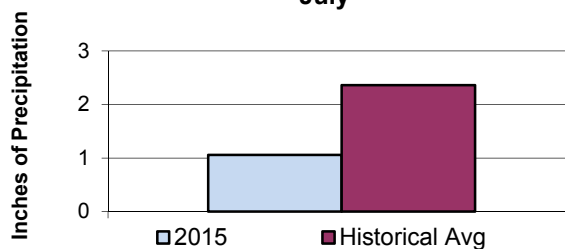
Mean Avg Temp for July 2015 (°F):	72.8
Historical Mean Avg Temp for July (°F):	74.8

Total Precip for July 2015 (inches):	1.06
Historical Avg Precip for July (inches):	2.36

Mean Temperature Comparison for July



Total Precipitation Comparison for July





Stapleton MCA, CO



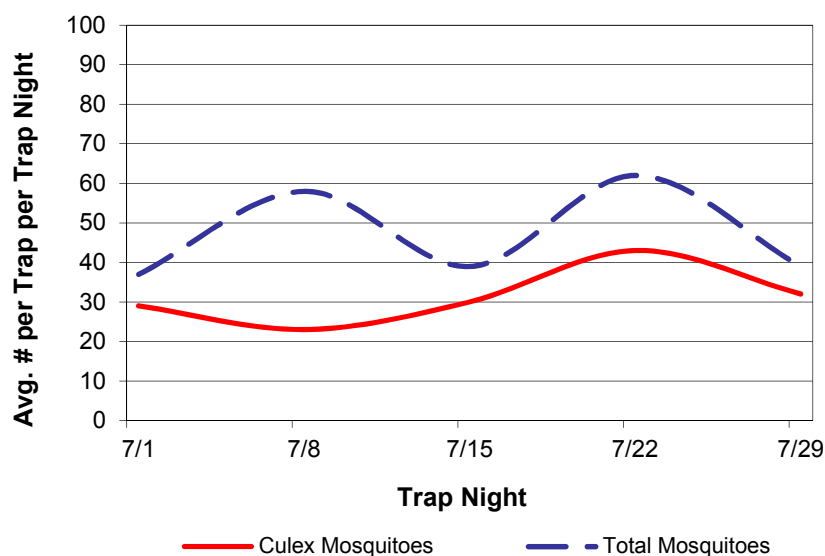
July 2015

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Adult Mosquito Surveillance Results

Trap Night	Avg. # Culex Mosquitoes per Trap	Avg. # Total Mosquitoes per Trap
7/1/2015	29	37
7/8/2015	23	58
7/15/2015	30	39
7/22/2015	43	62
7/29/2015	32	39

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.

Weekly Mosquito Trap Counts

