



**Boulder County  
Mosquito Control District**



**April - May 2015**

## **Mosquito Surveillance and Control Program Monthly Update**

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During the month of May, OtterTail performed 992 site visits and found mosquito larvae to be breeding during 195 of these visits. The regional area experienced significantly higher precipitation and lower temperatures than average during May of 2015. Consequently, many of the larval sites were found to be wet during the site visits. Changing climate conditions can cause sites to change significantly, so the habitat sites will be routinely inspected until the end of the mosquito season. If mosquito larvae or pupae are found during a site inspection, OtterTail will apply products to control them.

OtterTail continues to provide a telephone hotline for Boulder County residents to report additional potential breeding areas and other mosquito related issues. The telephone number for the hotline is 303-273-2878.

OtterTail will also provide any needed adult spraying services for Boulder County throughout the summer. Adult spraying needs will continue to be based upon a combination of Public Health Department recommendations, residential complaints, adult mosquito population numbers and the season's potential West Nile Virus activity. In advance to any general residential adult spraying applications, OtterTail will contact any community residents that have requested that they be notified. Residents who wish to be notified prior to spraying operations in their neighborhood may call OtterTail's automated Mosquito Control Hotline to be placed on their notification call list and/or shutoff list.

County-wide adult mosquito surveillance will begin during the first week of June and will continue on a weekly basis throughout the mosquito season.

### **Larval Surveillance and Control Results**

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Total Number of Site Investigations:	992
Total Number of Sites Wet:	842
Percentage of Sites Wet:	85%
Total Number of Site Treatments:	195
Percentage of Sites Treated:	23%
Total Number of Acres Treated:	46.3
Pounds of <i>Bti</i> Used:	369
Pounds of <i>B.sp.</i> Used:	2.5
Ounces of BVA2 Oil Used:	19.2



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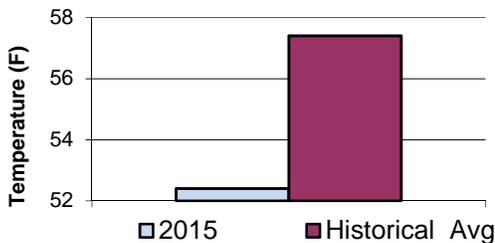
### **Regional Climate Summary\***

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Mean Avg Temp for May 2015 (°F): 52.4  
Historical Mean Avg Temp for May (°F): 57.4

Total Precip for May 2015 (inches): 7.82  
Historical Avg Precip for May (inches): 3.04

**Mean Avg Temperature Comparison  
for May**



**Total Precipitation Comparison  
for May**



\* Climate data based on National Oceanic & Atmospheric Administration's City of Boulder, CO data

### **Adult Mosquito Surveillance Results**

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The county-wide trapping network will begin in June.

### **Telephone Hotline Summary**

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Total Number of Hotline Calls:	9
Notify/Shutoff Calls:	2
Potential Habitat Calls:	3
Adult Complaint Calls:	2
General Information/Other Calls:	2

### **Adult Mosquito Control Summary**

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No adulticiding activities occurred for Boulder County during the month of May.

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