



# TOWN OF JOHNSTOWN EARLY SEASON REPORT

MONTHLY REPORT: JUNE 1, 2016

COLORADO MOSQUITO CONTROL

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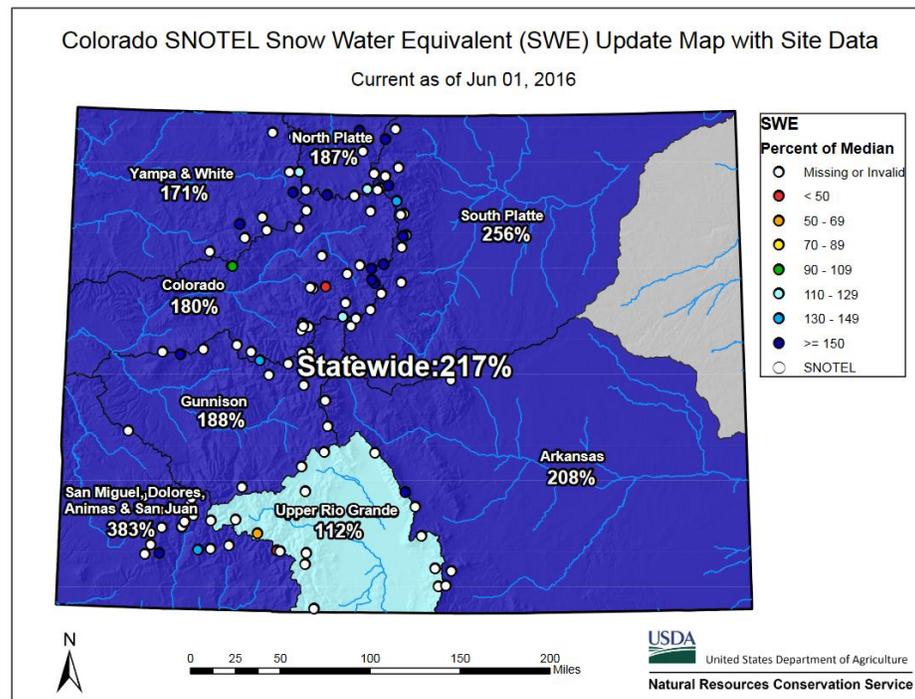
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Mosquito production at larval habitats was slow to start in the months of April and May. CMC field technicians have since seen a drastic increase in flood water mosquito larvae as temperatures warmed throughout Mid-May and the snow melt runoff season began. Floodwater mosquitoes associated with rainfall and mountain runoff continue to dominate the mosquito populations across northern Colorado. According to the SNOTEL Data report Colorado Snow pack is at 217% state wide.



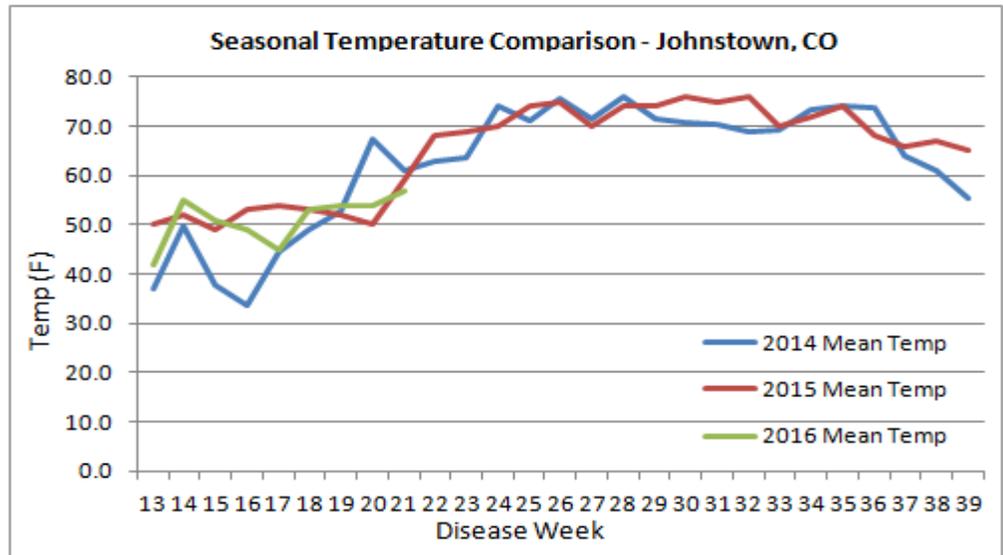
CMC began field inspections on May 1st of 2016. CMC spent much of the early season months updating site maps and identifying changes in the river's course associated flooding and construction along the Front Range. The number of *Culex tarsalis* mosquito larvae obtained from larval sites has remained low, as a result of cool early season temperatures. Given the ample snow melt runoff CMC has prioritized inspections at known floodwater habitats and spent much time looking for new areas of flooding.

During the month of May, CMC technicians performed 18 site inspections within the Town of Johnstown service area. Of these, 15 (83.3%) sites were wet and 2 (13.3%) of the wet sites were producing mosquito larvae. CMC applied 0.2 lbs of VectoBac (Bti) to treat 0.1 acres of lands within the larval mosquito control area.

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## Weather

During the months of April and May the total rainfall Johnstown for 2106 was 1.97 inches compared to 4.93 inches last year, and 3.98 inches the year before. The average temperature for Johnstown during this time was 51.1°F in 2016 compared to 52.4°F in 2015 and 48.1°F in 2014.



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## Mosquito Population Surveillance

Colorado Mosquito Control began setting Johnstown surveillance traps the week of June 5<sup>th</sup>. CMC will operate 5 surveillance traps locations: JT-03 (Rolling Hills Ranch), JT-04 (Johnstown Reservoir), JT-05 (237 2<sup>nd</sup> Street), JT-06 (Thompson River Ranch), and JT-07 (Stroh Farm). These traps will be set weekly, weather permitting, to assess mosquito annoyances within the subdivisions across Johnstown.

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## Adult Mosquito Control Operations

Colorado Mosquito Control has not performed any adult mosquito control applications in Johnstown in the early season.

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## Public Relations

CMC has not received any phone calls from Town of Johnstown residents during the early season.