



CITY OF FORT COLLINS

JUNE 2025 MONTHLY REPORT

JULY 2ND, 2025

Contact VDCI:

Northern
Colorado

Operations
Manager

Will Schlatmann

Phone
(970)278-9977

E-Mail:
wschlatmann@
vdc.net

Website:

www.vdc.net

Main Office:

General E-Mail:
info@vdc.net
Toll Free:
(877) 276-4306

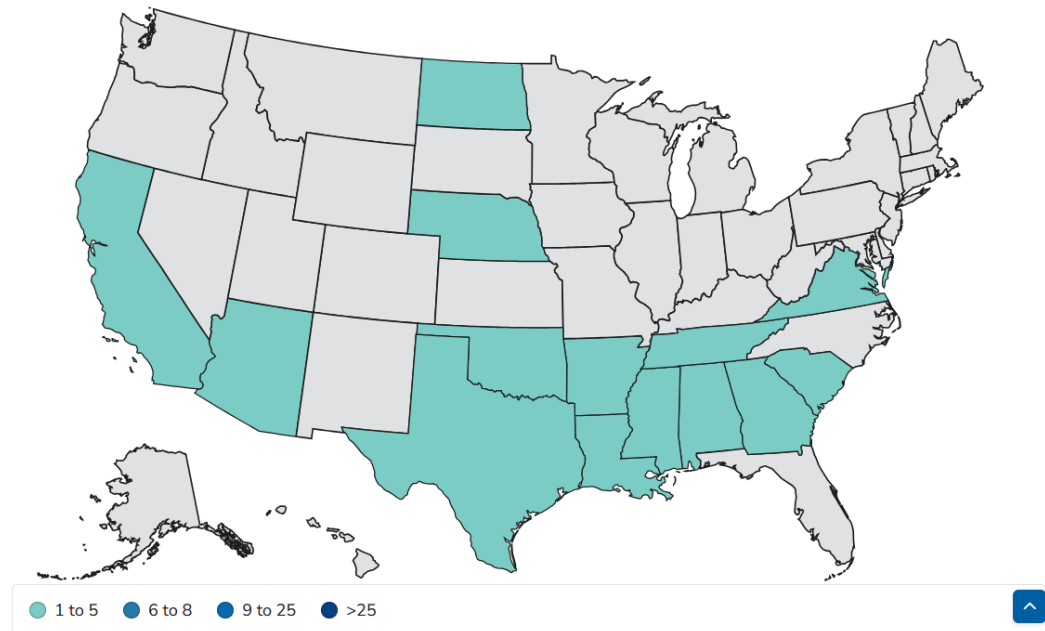
7230 W. 118th
Pl., Unit C,
Broomfield, CO
80020
303-428-5908

West Nile Virus Risk

Both the Colorado Department of Public Health & Environment (CDPHE) and Colorado State University began testing mosquito samples in Disease Week 23 (June 1st). As of July 2nd, there have been no reported positive West Nile virus human cases in the state of Colorado.

The Centers for Disease Control and Prevention currently reports human West Nile virus infections in fourteen states. As of July 2nd, West Nile virus activity has been found in mosquito samples in Northern Colorado. We are likely to see increased disease risk as the summer progresses and encourage personal protective measures including draining water from your property, avoiding the outdoors at dawn and dusk, defending yourself by wearing repellent and dressing appropriately.

West Nile virus human disease cases reported by state of residence, 2025



In June 2025 Colorado State University (CSU) tested a total of 365 mosquito samples containing 4,694 mosquitoes. These samples consisted of 4,158 *Cx. tarsalis* and 536 *Cx. Papiens* collected from the Fort Collins, Loveland and Berthoud areas.

By comparison, in June 2024 Colorado State University (CSU) tested a total of 265 mosquito samples containing 2,061 mosquitoes. These samples consisted of 1,491 *Cx. tarsalis* and 570 *Cx. Papiens* collected from the Fort Collins, Loveland and Berthoud areas.

Wear Your Repellent!

Use approved mosquito repellents containing DEET, picaridin or oil of lemon eucalyptus.

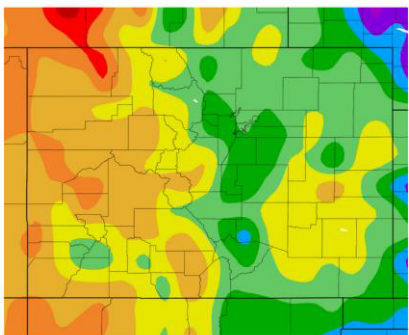
DEET products generally provide the longest protection. The other repellents work but must be applied more frequently.

Follow the product label for correct use. Products with 10 percent or less DEET are recommended for children.

Weather

Spring 2025 in northern Colorado has been drier than usual, and while still hot, it has been a bit cooler than some previous years in memory. According to NOAA, accumulated precipitation in Fort Collins from April 1st to July 30th 2025 was 5.18 inches, with the normal being measured at 6.62 inches.

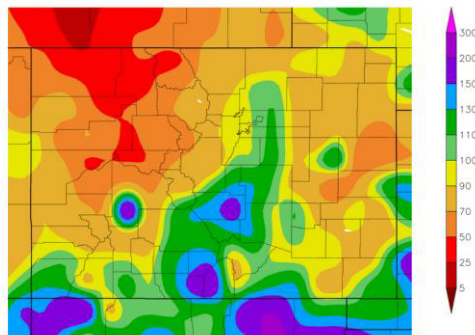
Precipitation (in)
4/1/2025 – 6/30/2025



Generated 7/2/2025 using provisional data.

ACIS Web Services

Percent of Normal Precipitation (%)
4/1/2025 – 6/30/2025

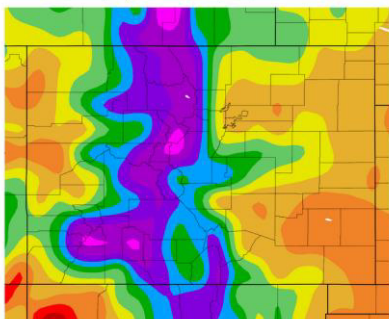


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The temperature in June was above average in 2025, with temperatures reaching +2 to 4 degrees Fahrenheit above normal in much of Larimer County.

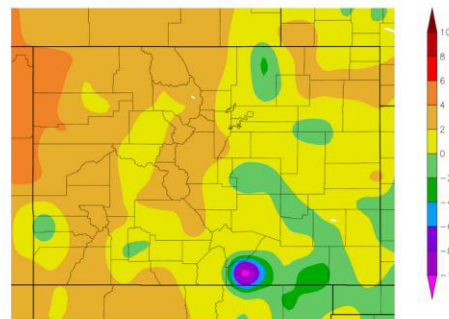
Temperature (F)
6/1/2025 – 6/30/2025



Generated 7/2/2025 using provisional data.

ACIS Web Services

Departure from Normal Temperature (F)
6/1/2025 – 6/30/2025



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Larval Control Operations

In June of 2025, VDCI field technicians performed 1,744 site inspections as part of the inspection and larviciding program for Fort Collins. Of those 1,744 site inspections, 1,323 (75.9%) of those were wet and 513 (38.8%) wet sites were producing mosquito larvae. A total of 383.8 acres of land were treated with 1,208.9 lbs of Vectobac (bti) and 28.4 gal of BVA mineral oil to prevent larval mosquitoes from emerging as adults.

During June 2025, VDCI technicians performed site inspections at 2 residences as part of our backyard inspection program. VDCI also performed treatments at approximately 160 storm drains as part of the City of Fort Collins Urban larviciding program to control larval mosquito populations in storm drains and catch basins. Drains that were wet or had the potential to hold water were treated with long term larvicide products including Altosid pellets, briquettes, and VectoLex WSP (Bsph).

Mosquito Population Surveillance

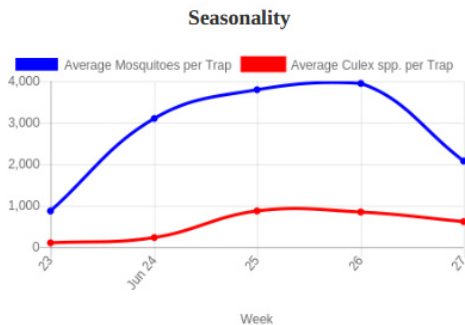
There were 227 traps set in Fort Collins during the month of June 2025. A total of 13,802 mosquitoes were collected. There were 10,726 (77.7%) *Aedes spp.*, 2,722 (19.7%) *Culex spp.* and 49 (0.4%) *Culiseta spp.* mosquitoes collected. On average there were 60.8 mosquitoes collected per night and 12.0 *Culex spp.* mosquitoes per trap night.

2025 Fort Collins Trap Composite Data

Total number of trap/nights set: 227
Total number of mosquitoes collected: 13,802.0
Average mosquitoes per trap/night: 60.8
Average Culex per trap/night: 12.0

Species collected and abundance:

<i>Aedes cinereus</i>	18.0	0.1%
<i>Aedes dorsalis</i>	511.0	3.7%
<i>Aedes flavescens</i>	4.0	0.0%
<i>Aedes hendersoni</i>	6.0	0.0%
<i>Aedes inereptus</i>	1,785.0	12.9%
<i>Aedes melanimon</i>	646.0	4.7%
<i>Aedes nigromaculis</i>	4.0	0.0%
<i>Aedes trivittatus</i>	9.0	0.1%
<i>Aedes vexans</i>	7,743.0	56.1%
<i>Anopheles freeborni</i>	104.0	0.8%
<i>Coquilletidia perturbans</i>	201.0	1.5%
<i>Culex pipiens</i>	498.0	3.6%
<i>Culex tarsalis</i>	2,224.0	16.1%
<i>Culiseta inornata</i>	49.0	0.4%



Genus Proportions:

Genus	Number	Percent of Total
<i>Aedes/Ochlerotatus</i>	10,726	77.7%
<i>Anopheles</i>	104	0.8%
<i>Culex</i>	2,722	19.7%
<i>Culiseta</i>	49	0.4%
Other	201	1.5%



Adult Mosquito Control Operations

There have been no adult mosquito control operations conducted by VDCI on the behalf of the City of Fort Collins to date.

VDCI has been privately contracted to perform adult mosquito control for Countryside HOA, Greenstone HOA, Willow Springs HOA, and Lindenwood HOA during the 2025 season. A total of 14.1 road miles within these neighborhoods were sprayed via ground-based vehicles with Ultra Low Volume (ULV) AquaPerm-X mosquito adulticides to reduce adult mosquito populations on the dates listed below.

Date	Zone	Spray Miles	Ounces Sprayed
6/4/2025	LHOA - Willow Springs Spray Zone	2.79	206.48
6/11/2025	LHOA - Greenstone HOA Spray Zone	2.29	162.84
6/19/2025	LHOA - Countryside HOA Spray Zone	1.57	100.24
6/19/2025	LHOA - Willow Springs Spray Zone	2.75	200.05
6/25/2025	LHOA - Greenstone HOA Spray Zone	1.97	142.88
6/25/2025	LHOA - Willow Springs Spray Zone	2.73	199.78

Totals	14.1	1012.27
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Public Relations

VDCI received 3 phone calls from City of Fort Collins residents in June 2025. VDCI received 1 call from residents reporting larval mosquito sites in their area. VDCI inspected all the reported sites and added new sites if they were found to be producing mosquito larvae and were not already part of our regular inspection program. VDCI also received 2 phone calls from residents of Fort Collins requesting information about the program and how decisions are made to conduct adult mosquito control operations.