

June 2020 Climate Summary for Denver

Warmer & Drier Than Normal



Beautiful Scenery along Lake Mitchell Trailhead, Boulder County

Upper level high pressure which dominated the Rocky Mountain Region through much of the month resulted in hot and dry weather across Metro Denver. Occasional large upper level Troughs of low pressure and associated cold fronts which moved across the northern and central Rockies brought periods of cooler and wetter weather to the area. There were only seven days of measurable precipitation during the month, with 20 out of the 30 days having above normal temperatures. Thunderstorm activity across north central and northeastern Colorado was limited during the month, however there were some notable weather events which impacted the state.

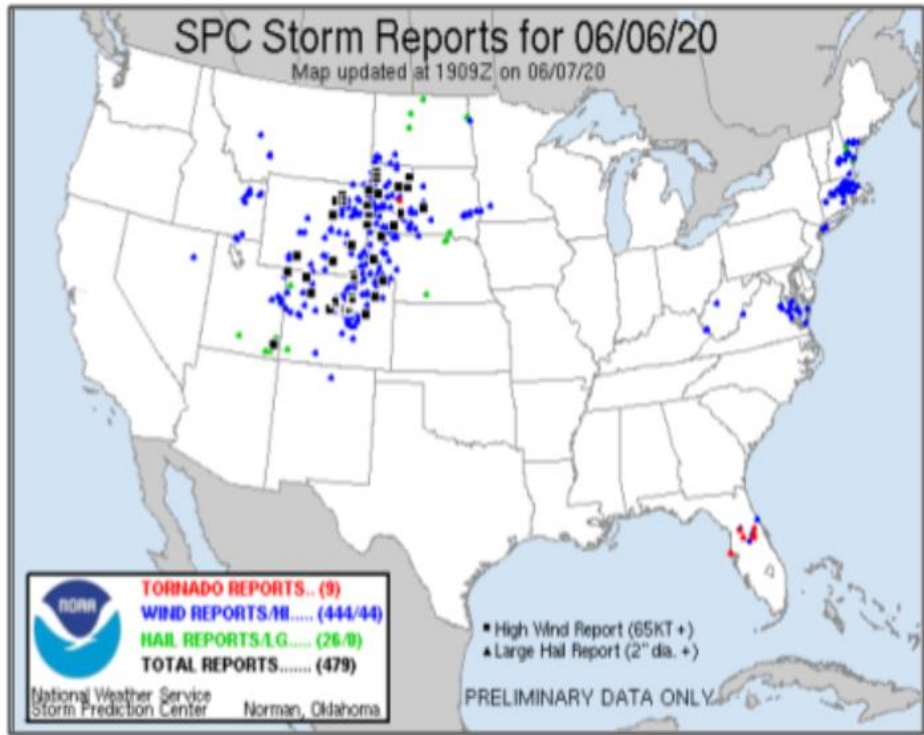
The first event was a rare derecho that impacted most of Colorado during the afternoon and evening of the 6th. Numerous locations across the state had wind gusts over 60 mph and wind damage during this event. The highest wind gust of 110 mph was measured 6 miles northwest of Winter Park.



Most Significant (75+mph) Wind Gusts in a Day since at least 2004

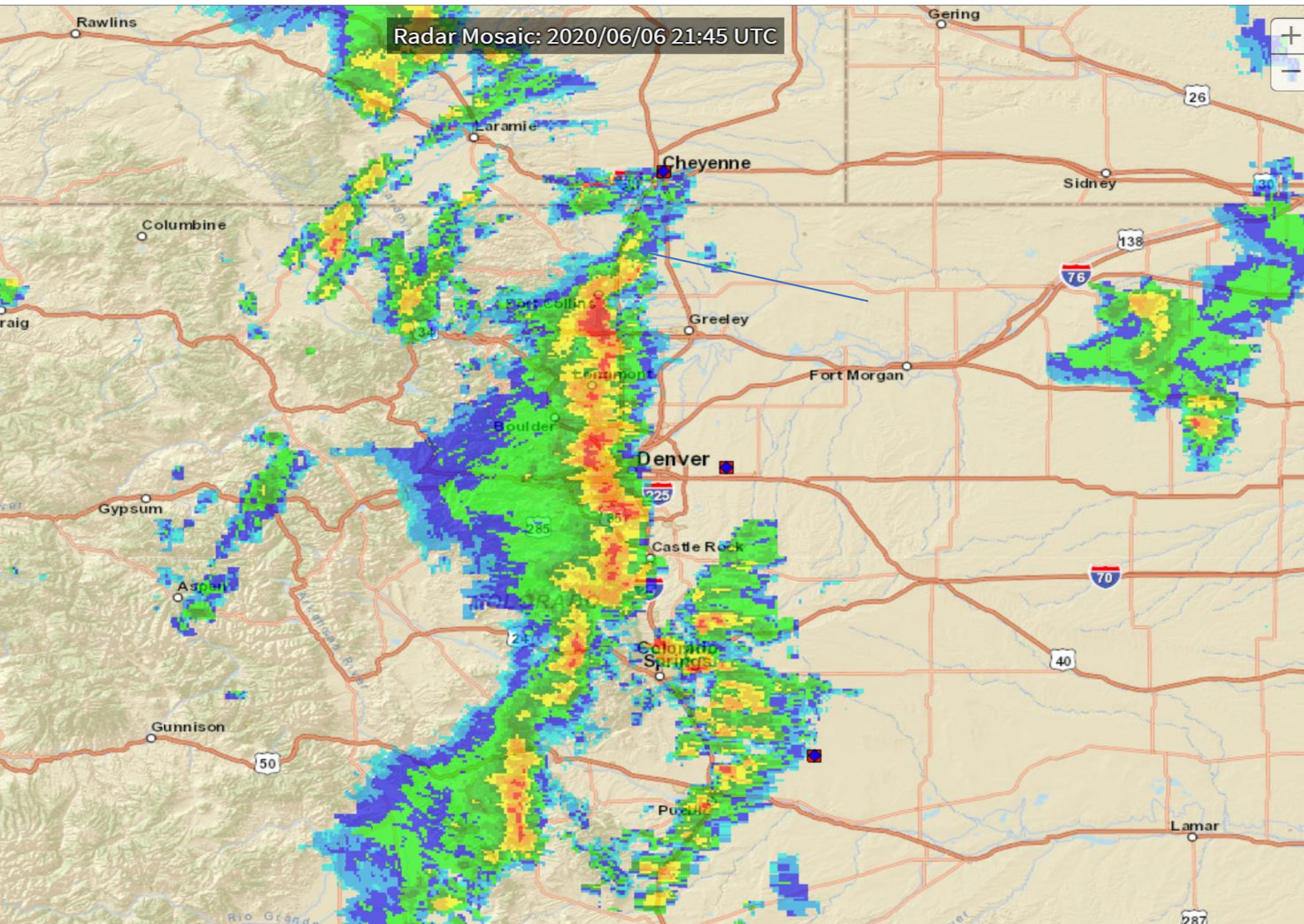


Top 5 Days by Number of Significant Wind Gusts	
Date	# of 75+ mph wind gusts
6/06/2020	44
6/29/2012	37
6/14/2014	30
6/30/2014	23
6/16/2017	23



*Data from 2004-present. Using past preliminary (storm report) counts for comparison.

Radar Mosaic: 2020/06/06 21:45 UTC



Mosaic Radar Image of the June 6th 2020 Derecho

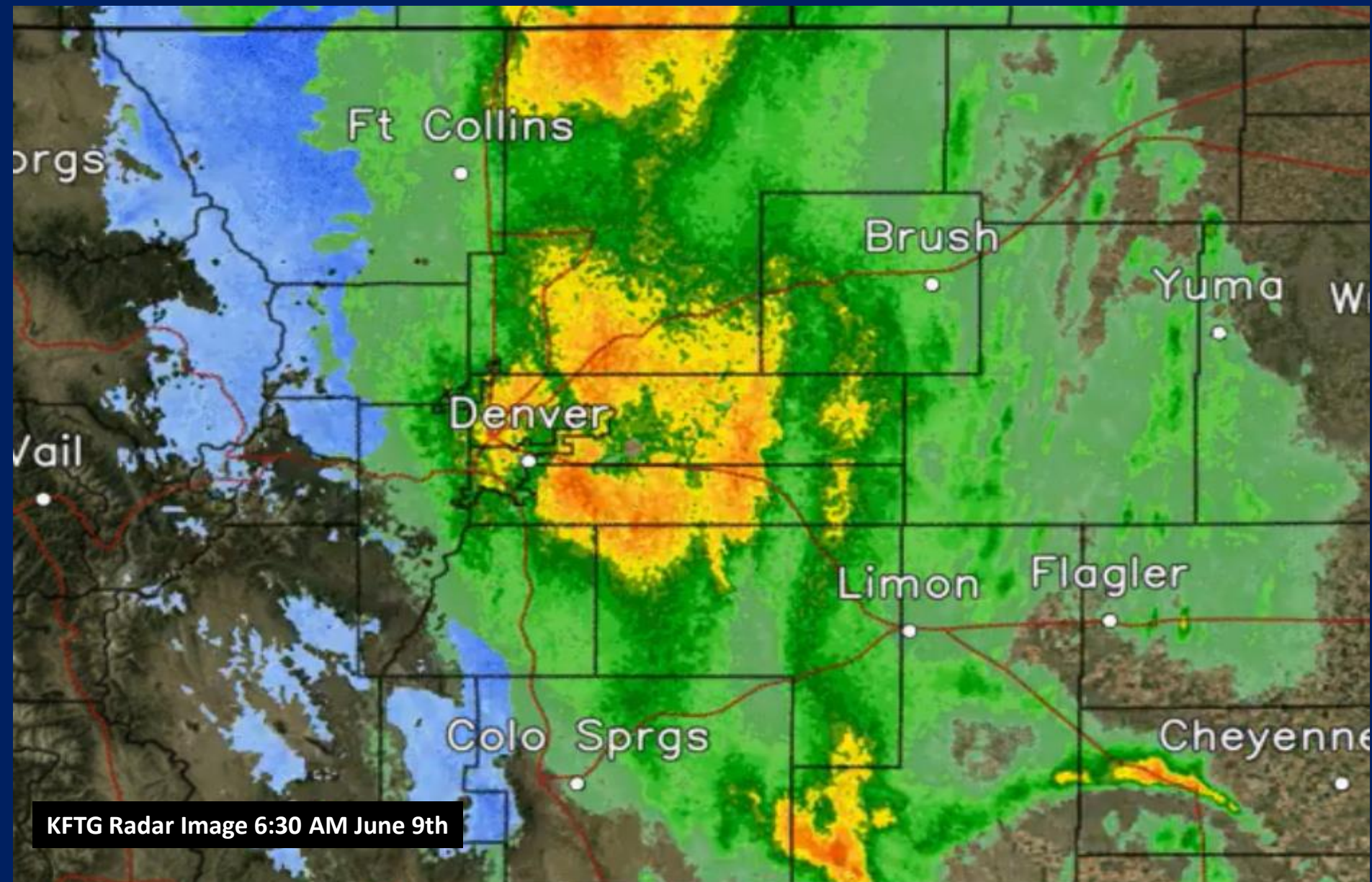
3:45 PM June 6th 2020

The derecho moved across Metro Denver during the mid afternoon of June 6th. Brief heavy rain, small hail and damaging winds accompanied the quick moving line of storms. Denver International Airport had a gust of 78 mph with the storms.



Photo was taken near Aurora, CO. from Russell Danielson

The 2nd event occurred from the evening of June 8th into the morning of June 9th when a potent upper level low pressure trough moved across the Rocky Mountain Region. Most areas across north central and northeast Colorado received beneficial precipitation. In addition, this storm system produced strong winds and severe storms across the plains north and east of Denver.



Around midnight of June 8th, macroburst winds from severe thunderstorms produced widespread damage across portions of northeastern Colorado. Washington, Phillips and Logan Counties were hardest hit with numerous power poles down and buildings damaged. An automated weather station near Akron measured a peak wind speed of 102 mph from the storms.



Thunderstorm and Non Thunderstorm Wind Gust Reports from Overnight of June 8th

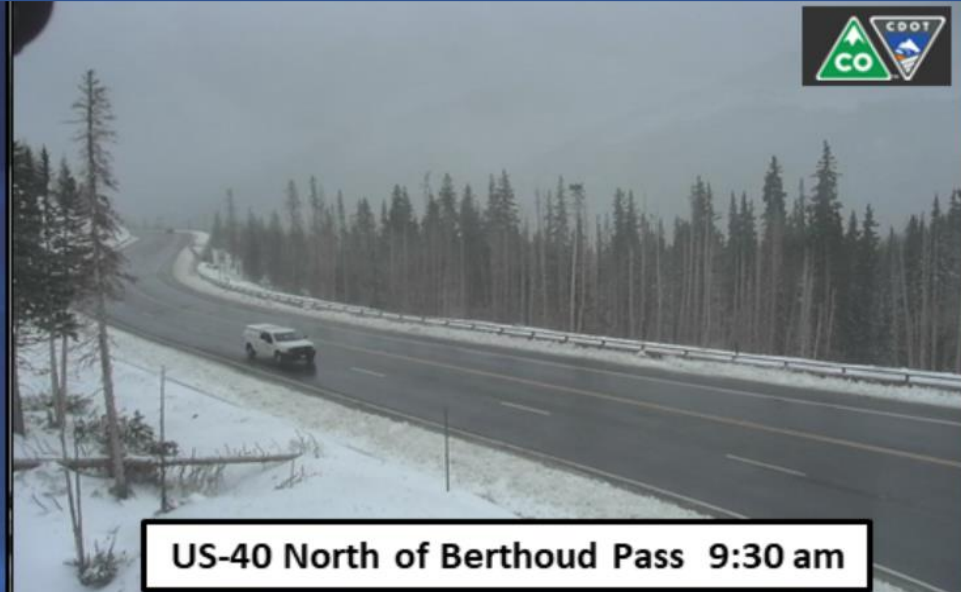
1 Ese Akron	102	Sterling	73
2 Ene Limon	71	Akron	68
1 Ene Limon	67	5 N Pawnee Buttes	64
Fort Morgan Airport	64	1 Nnw Briggsdale	64
2 W Keenesburg	64	1 Ene Limon	60
5 N Pawnee Pass	60	2 Se Strasburg	60
8 S Holyoke	60	3 Wsw Sterling	59
3 Wsw Sterling	59	7 Ssw Burdett	58
2 Se Denver Intl Airpor	58	Denver Intl Airport	58
7 Ssw Hugo	58	North Sterling Reservoir	57

Temperatures were cold enough that many mountain locations received accumulating snowfall from the evening of the 8th through the morning of the 9th. 4 inches of snow was measured 1 mile east of the town of Dillon. The Winter Park and Fraser area measured between 5 and 7 inches with 8 inches in Red Feather Lakes.

CDOT Mountain Cams Morning of June 9th



I-70 Just East of Vail Pass 9:30 am



US-40 North of Berthoud Pass 9:30 am

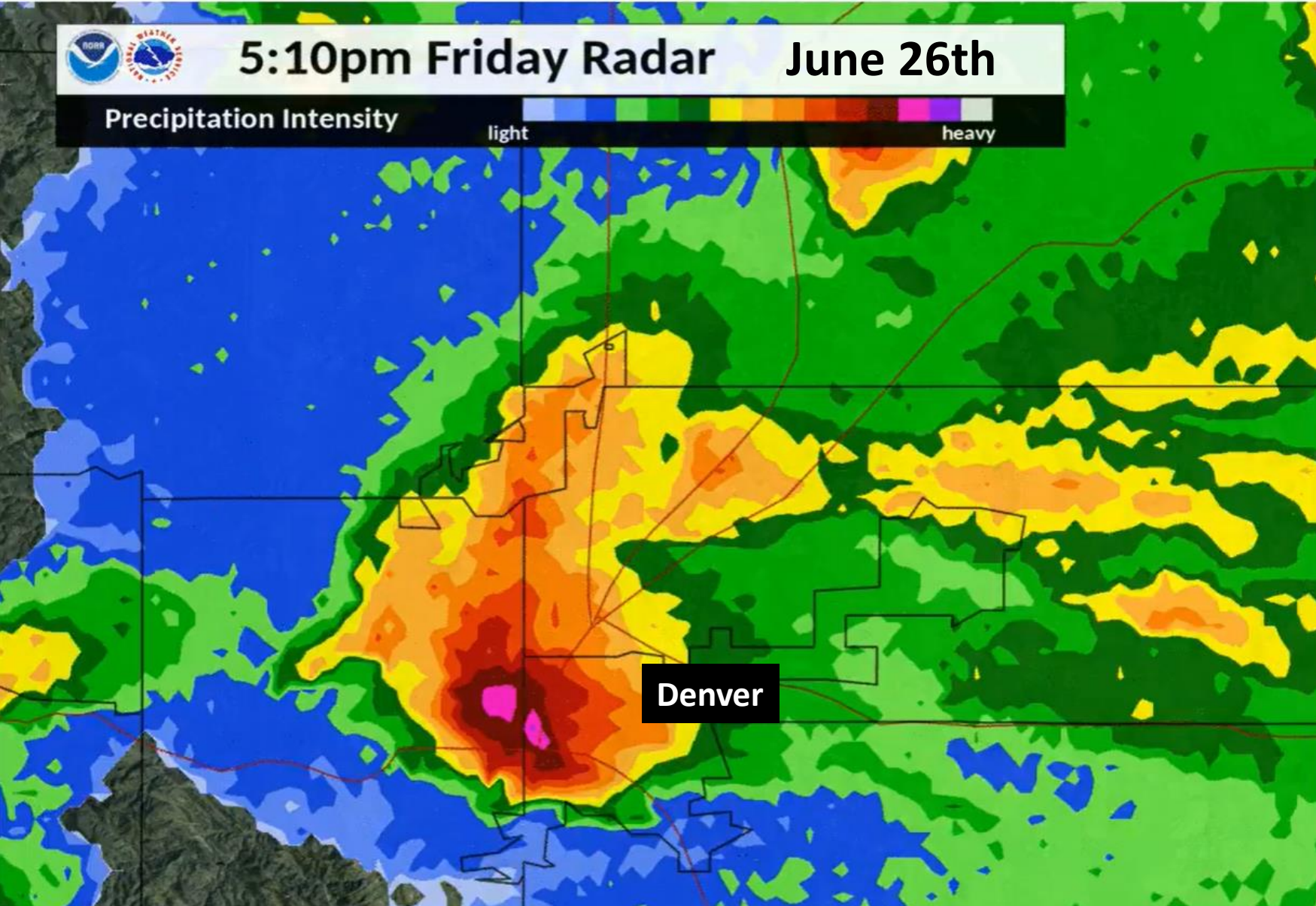


CO-14 Just West of Cameron Pass 9:40 am



US-6 Loveland Pass 9:51 am

In addition, strong thunderstorms produced very heavy rainfall and small hail across portions of Metro Denver on the Afternoon of June 26th. Some locations in the Denver Metro area measured over an inch of precipitation and had street flooding. The storms managed to miss Denver International Airport where only a meager 0.06 inches of precipitation was measured.



TEMPERATURES :

THE AVERAGE TEMPERATURE AT DENVER INTERNATIONAL AIRPORT FOR THE MONTH WAS 71.2 DEGREES F, WHICH IS 3.6 DEGREES ABOVE NORMAL. THE WARMEST JUNE ON RECORD OCCURRED IN 2012 WITH AN AVERAGE MONTHLY TEMPERATURE OF 75.0 DEGREES F. THE COLDEST JUNE ON RECORD WAS 60.6 DEGREES BACK IN 1967. THERE WERE 17 DAYS DURING THE MONTH IN WHICH THE TEMPERATURE REACHED OR EXCEEDED THE 90 DEGREE MARK. THE WARMEST TEMPERATURE OF 96 DEGREES OCCURRED 4 TIME DURING THE MONTH, WHICH INCLUDED THE 5TH, 16TH, 17TH AND 29TH. THE LOWEST TEMPERATURE OF 41 DEGREES OCCURRED ON THE MORNING OF THE 10TH.

TEN WARMEST JUNE`S IN DENVER WEATHER HISTORY SINCE 1872:

75.0 2012
73.5 1994
73.4 1956
72.8 2006...1933
72.6 1990
72.0 1952...1881
71.9 1980...1977

TEN COLDEST JUNE`S IN DENVER WEATHER HISTORY SINCE 1872:

60.6 1967
60.9 1951
61.0 1928
61.5 1969...1904
61.7 1895
62.0 1945
62.1 2003...1915
62.2 1995

PRECIPITATION:

PRECIPITATION FOR THE MONTH OF JUNE AT DENVER INTERNATIONAL AIRPORT WAS 0.71 INCHES, WHICH IS 1.27 INCHES BELOW THE NORMAL OF 1.98 INCHES. THERE WERE 7 DAYS WITH MEASURABLE PRECIPITATION DURING THE MONTH. 0.46 INCHES OF PRECIPITATION FELL ON THE 9TH, WHICH IS THE GREATEST DAILY AMOUNT FOR THE MONTH. NO SNOW FELL DURING THE MONTH.

TEN WETTEST JUNE`S IN DENVER WEATHER HISTORY SINCE 1872:

4.96 INCHES 1882
4.86 INCHES 2009
4.69 INCHES 1967
4.14 INCHES 1965
3.99 INCHES 2005
3.95 INCHES 2003...1949
3.83 INCHES 1970
3.59 INCHES 1963
3.55 INCHES 1923

TEN DRIEST JUNE`S IN DENVER WEATHER HISTORY SINCE 1872:

TRACE 1890
0.08 INCHES 1916
0.09 INCHES 1980...1881
0.12 INCHES 2006...1952
0.13 INCHES 1893
0.16 INCHES 1933
0.17 INCHES 1930
0.19 INCHES 1922

THERE WERE 10 DAYS IN WHICH THUNDER WAS OBSERVED AT DENVER INTERNATIONAL AIRPORT AND 0 DAYS WITH DENSE FOG WITH A VISIBILITY AT OR BELOW 1/4 MILE DURING THE MONTH. THE PEAK WIND GUST OF 78 MPH FROM THE SOUTHWEST OCCURRED ON THE 6TH.