

March 2020 CLIMATE SUMMARY FOR DENVER, WARMER & DRIER THAN NORMAL..

After a cold and snowy February, March turned warmer and drier. The month started out slightly cooler than normal as a weak upper level storm system moved across the Rocky Mountain Region. This system produced light snow across most of north central and northeastern Colorado on the 1st and 2nd.



Denver experienced above normal temperatures from the 3rd through the 12th as an upper level ridge of high pressure dominated the region. Increased moisture combined with an upper level disturbance brought much needed precipitation to Front Range Urban Corridor and adjacent plains on the 8th. Most areas measured between one quarter to three quarters of an inch of precipitation with the southern sections of Metro Denver and northern and central Weld County receiving the highest amounts. Most of the precipitation fell in the form of rain, however higher elevations west and south of Denver did see some light snow.

A weakening storm system and associated cold front brought cooler temperatures and light snow to north central and northeastern Colorado on the 13th and 14th.

Upper level high pressure along with a dry southwesterly flow aloft brought a return to mild and dry weather from the 14th through the 18th.

A potent storm system brought much colder temperatures and snow to north central and northeastern Colorado on the 19th. Heavy snow fell across the foothills, Palmer Divide and portions of the plains. In addition, strong winds combined with the snow resulted in blizzard conditions across portions of the plains and Palmer Divide mainly east and south of Denver. Some foothill locations measured over 2 feet of snow with this storm with 5 to 10 inches of accumulation across Metro Denver.



Snowfall Reports (in)

4 NE Nederland	22.0	3 W Jamestown	18.5	1 N Genesee	15.2
2 N Aspen Park	13.4	5 S Glen Haven	13.0	5 W Boulder	13.0
1 S Evergreen	12.2	2 E Allenspark	12.0	1 S Crescent Village	11.0
1 N Centennial	10.5	1 N Castle Rock	10.0	Evergreen	10.0
1 NW Ponderosa Park	9.5	3 N Bailey	9.4	2 E Castle Rock	9.0
7 NW Boulder	9.0	3 SW The Pinery	8.5	2 E Parker	8.3
1 NNW Louisville	8.0	4 S Brookvale	7.5	3 S Castle Pines	7.1
SE Aurora	7.0	2 SSW Boulder	6.8	3 SW Aurora	6.0
1 S Crescent Village	6.0	Estes Park	6.0	2 E Estes Park	6.0
2 Ssw Boulder	5.7	Denver Intl Airport	5.7	Broomfield	5.0
1 Sw Westminster	4.4	1 E Edgewater	3.5	2 N Longmont	2.9
		2 N Thornton	2.7	Niwot	2.2



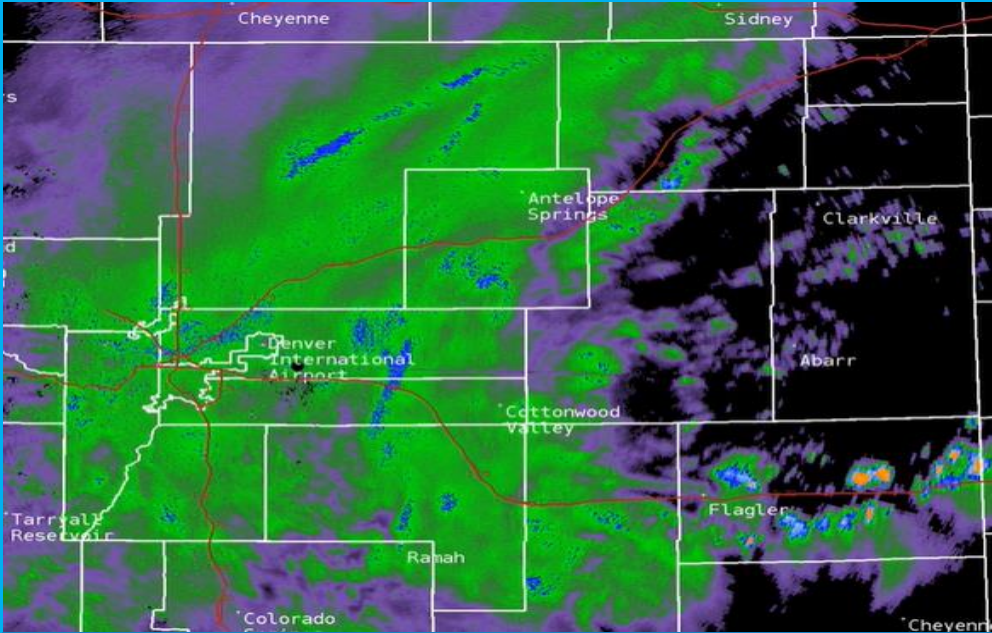
12HR Peak Winds (mph)

Akron

Washington 4670ft

62

Kenosha Pass	60	Greenwood Village	56
Littleton	53	Holyoke	53
Fort Morgan	51	Hugo	50
Hugo	50	Julesburg	50
Limon	49	Denver	49
Holyoke Airport	48	10 E Grover	48
10 WNW Sterling	48	2 W Peetz	48
Sterling	48	12 SW Karval	47
4 E Akron	47	7 SW Carr	47
Akron	47	Sterling	46
Berthoud Pass	46	Dry Creek	46
Wyoming Border Hwy 85	44	Bennett	43



Radar image showing widespread snow falling across northeast CO. during the afternoon of March 19th

On the 20th, areas of light snow continued with much below normal temperatures. The high temperature at Denver International Airport only managed to reach 30 degrees for the day which is 19 degrees below normal.

Some weak upper level ridging combined with a west to southwesterly flow aloft resulted in moderating temperatures and mostly dry weather from the 21st through the 25th. Some residual moisture combined with daytime heating did produce a few afternoon showers and storms each day, however these showers managed to miss the official observing site at Denver International Airport.

Another weak upper level storm system and associated cold front brought cooler unsettled weather to the area from the 26th through the 29th with some light snow on the 27th

The month ended on a dry and warmer note as weak upper level high pressure and westerly flow aloft set up over Colorado.

Scattered rain showers and isolated thunderstorms on the eastern plains on the afternoon of the 23rd



TEMPERATURES :

THE AVERAGE TEMPERATURE AT DENVER INTERNATIONAL AIRPORT FOR the MONTH OF MARCH WAS 42.5 DEGREES F, WHICH IS 2.1 DEGREES ABOVE THE NORMAL OF 40.4 DEGREES. NO MAXIMUM, MINIMUM, HIGH MINIMUM OR LOW MAXIMUM TEMPERATURE RECORDS WERE SET IN MARCH 2020.

ELEVEN WARMEST MARCH AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY
SINCE 1872: DEGREES F

50.4 - 1910
49.2 - 2012
47.9 - 2017
47.2 - 1907
47.1 - 1986
47.0 - 1918
46.5 - 1879
46.4 - 2004, 1946
46.0 - 2007, 1887

TEN COLDEST MARCH AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY
SINCE 1872: DEGREES F

26.4 - 1912
28.0 - 1924
29.0 - 1965
29.7 - 1906
32.1 - 1969
32.2 - 1891
32.8 - 1958
33.0 - 1964
33.1 - 1899
33.2 - 1917

PRECIPITATION:

DENVER RECEIVED 1.26 INCHES OF PRECIPITATION FOR MARCH 2020.
THIS IS 0.34 INCHES ABOVE THE MONTHLY AVERAGE OF 0.92 INCHES.
THE HIGHEST DAILY PRECIPITATION AMOUNT OF 0.74 INCHES WAS
RECEIVED ON THE 19TH.

TEN WETTEST March TOTALS IN DENVER WEATHER HISTORY SINCE 1872:

INCHES

4.56 - 1983
3.50 - 1992
3.10 - 1990, 1891
3.07 - 1905
3.05 - 2003
3.03 - 1909
2.85 - 1959
2.75 - 1944
2.51 - 1961

ELEVEN DRIEST March TOTALS IN DENVER WEATHER HISTORY SINCE 1872:

INCHES

0.03 - 2012
0.11 - 1908
0.14 - 2008, 2004
0.18 - 1982
0.19 - 1999
0.20 - 1882
0.21 - 1883, 1880
0.22 - 1945, 1873

SNOWFALL

MARCH IS DENVER`S SNOWIEST MONTH OF THE SNOW SEASON WITH A MONTHLY AVERAGE OF 10.7 INCHES (NCEI 1980-2010). SNOWFALL FOR THIS MARCH ENDED WITH 7.5 INCHES, WHICH IS 3.2 INCHES BELOW NORMAL. THE MAJORITY OF THIS SNOWFALL FELL ON THE 19TH AS A LARGE STORM SYSTEM MOVED ACROSS THE ROCKY MOUNTAIN REGION.

TEN HIGHEST SNOW TOTALS FOR APRIL IN DENVER WEATHER HISTORY

INCHES

35.2 - 2003
32.5 - 1944
31.3 - 1891
30.5 - 1983
29.2 - 1961
26.8 - 1959
25.7 - 1923
25.2 - 1952
24.8 - 1929
24.0 - 1981

THE Eleven LEAST SNOWIEST APRIL IN DENVER WEATHER HISTORY

INCHES

TRACE - 2017, 2012, 1995
0.3 - 1883
0.4 - 1911
0.5 - 1885
1.1 - 1887
1.8 - 2004
2.0 - 1882
2.1 - 1982, 1908

There were no days with thunder or hail observed at Denver International Airport in March 2020. However, there were 12 days of fog and 6 days of dense fog with a visibility at or below $\frac{1}{4}$ mile

The peak wind during the month of March at Denver International Airport was 52 mph from the southwest on the 13th.

Dense Fog on the Morning of March 27th



I-76 31.50 WB @ CO-52 (Hudson-WL)



I-25 & CO-60 Johnstown Milliken Exit 8:10 AM

I-77 & HWY 52 Near Hudson 8:10 AM



Mar/21/2020 07:11:56



I-25 Just South of Northwest Parkway 8:10 AM

Highway 119 near Niwot 8:03 AM



Denver/
Boulder

Peak Wind Gusts March 13th

1 S Copper Mountain	67	I-25 @ C-470 West	55
Denver	52	Denver Arapahoe	52
I-70 @ Bennett	52	Surrey Ridge	50
Buckley Angb Den	48	3 N Green Mountain Reservoir	48
Buckley Air Force Base	48	Limon	47
Keensburg Roggen	47	Akron	46
Monument Elbert	45	Parker	45
Strasburg	45	Orchard	45
Founders Point	45	Littleton	45

valid as of Fri Mar 13th 08:36 pm - NWS Denver/Boulder



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3/13/2020 8:56 PM