

# .....November 2023 Climate Summary for the Denver Area.....



The weather across Denver this November was mostly benign with above normal temperatures and below normal precipitation. Upper level high pressure dominated the region for much of the month with occasional upper level troughs and associated cold fronts bringing periods of colder temperatures and light precipitation. The first three weeks of the month were very mild and dry with 19 out of the first 22 days having above normal temperatures. During this period, only a trace of precipitation and snowfall was measured at Denver International Airport. A stronger storm system brought much colder temperatures and snow to the forecast area from the evening of the 23<sup>rd</sup> through the 25<sup>th</sup>. Max temperatures only managed to climb into the low to mid 20s during this period with snow causing hazardous travel in some locations. Snowfall amounts across Metro Denver ranged between 1 and 5 inches with the heaviest amounts across Northern Westminster and Arvada. The official snowfall measurement at DIA was 2.9 inches. The Northern Front Range Urban Corridor saw higher amounts ranging between 5 and 10 inches with some locations such as the Virginia Dale 7ENE and Buckhorn Mountain 1E COOP stations measuring nearly 20 inches from the storm.

# TEMPERATURES :

The average temperature at Denver International Airport for the month of November was 43.2 degrees F, which is 3.8 degrees above the normal of 39.4 degrees. The highest temperature of the month was 78 degrees on the 5<sup>th</sup> which set a new record for the date. The previous record of 77 degrees was set back in 2020 and previous years. The coldest temperature of 10 degrees occurred on the 27th.

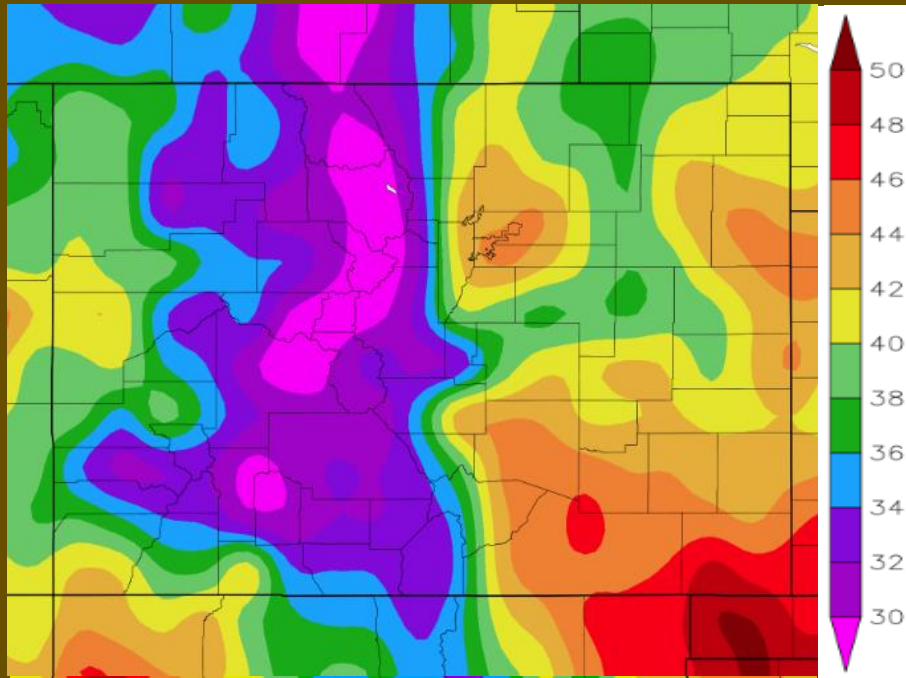
## TEN WARMEST NOVEMBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

- 50.9 - 1949
- 47.2 - 1999
- 46.3 - 2021
- 46.2 - 1933, 1914
- 45.9 - 1981, 1927
- 45.6 - 1910, 1901
- 45.5 - 1917

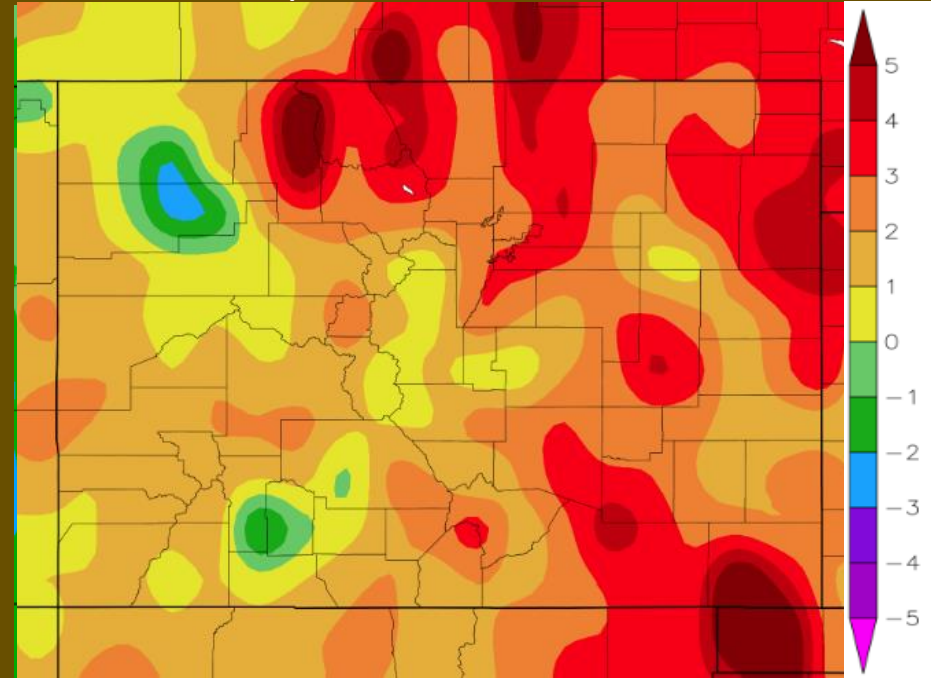
## ELEVEN COLDEST NOVEMBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

- 22.0 - 1880
- 28.9 - 2000
- 29.7 - 1985
- 31.5 - 1929
- 32.3 - 1952
- 32.5 - 1889
- 32.8 - 1972
- 33.0 - 1886
- 33.1 - 1872
- 43.3 - 1979, 1992

Average Temperature  
November 2023 (°F)



November 2023 Temperature  
Departure from Normal (°F)



Graphics generated by HPRCC using provisional data

# PRECIPITATION:

Denver only measured 0.18 inches of precipitation during the month which is 0.46 inches below the normal of 0.64 inches. The highest daily precipitation amount of 0.09 inches was measured on the 25th.

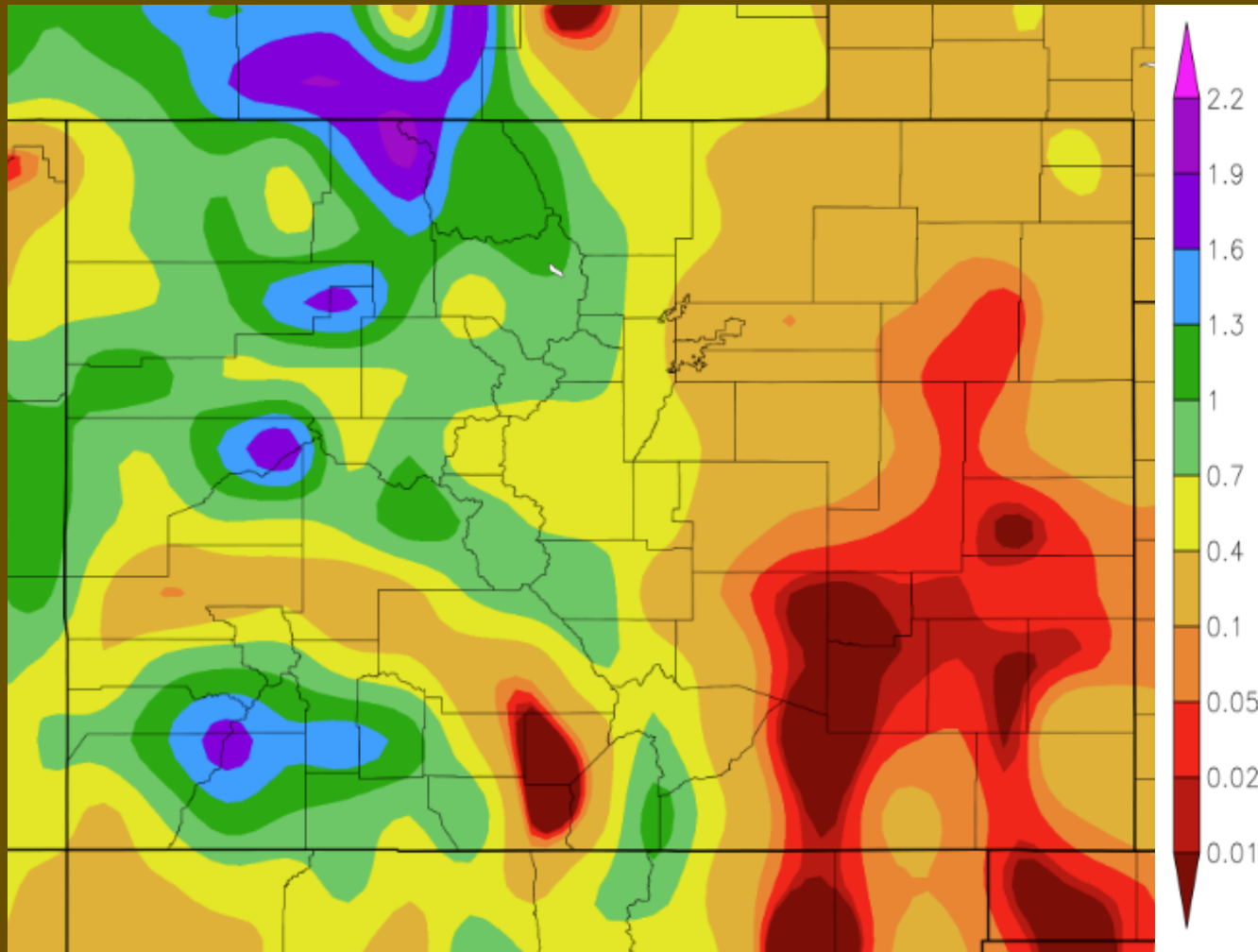
## TEN WETTEST NOVEMBER PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

- 3.21 - 1946
- 2.67 - 1991
- 2.63 - 1983
- 2.13 - 2015
- 1.95 - 1922
- 1.93 - 1886
- 1.80 - 1975
- 1.74 - 1908
- 1.69 - 1972
- 1.68 - 1881

## TEN DRIEST NOVEMBER PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

- T - 1949, 1901, 1899
- 0.01 - 1939
- 0.03 - 1917
- 0.04 - 1905, 1904
- 0.05 - 2003
- 0.07 - 2021, 1903

# November 2023 Precipitation (Inches)

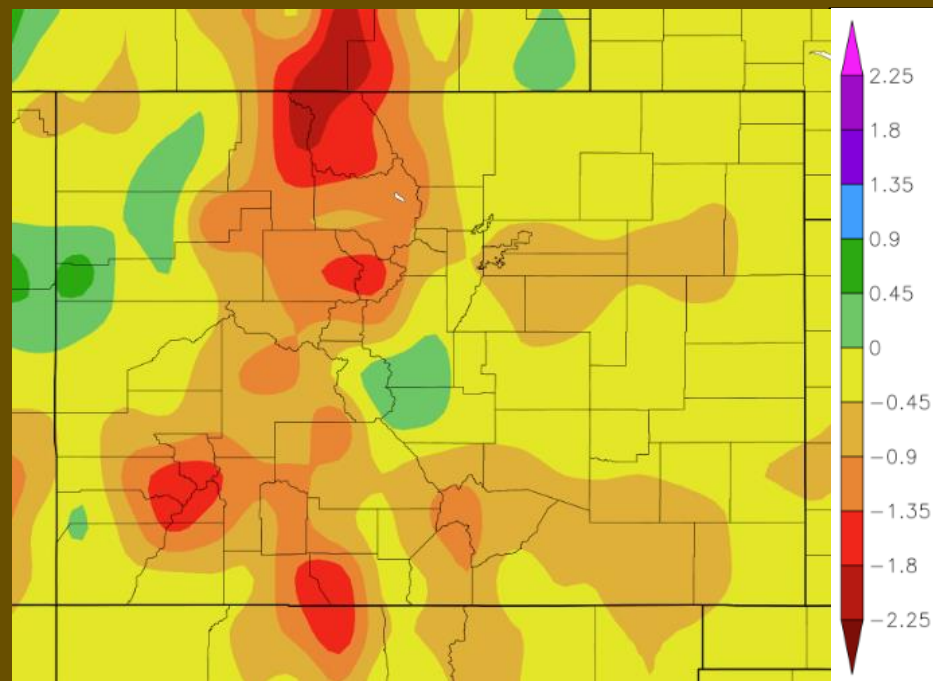


Graphic generated by HPRCC using provisional data

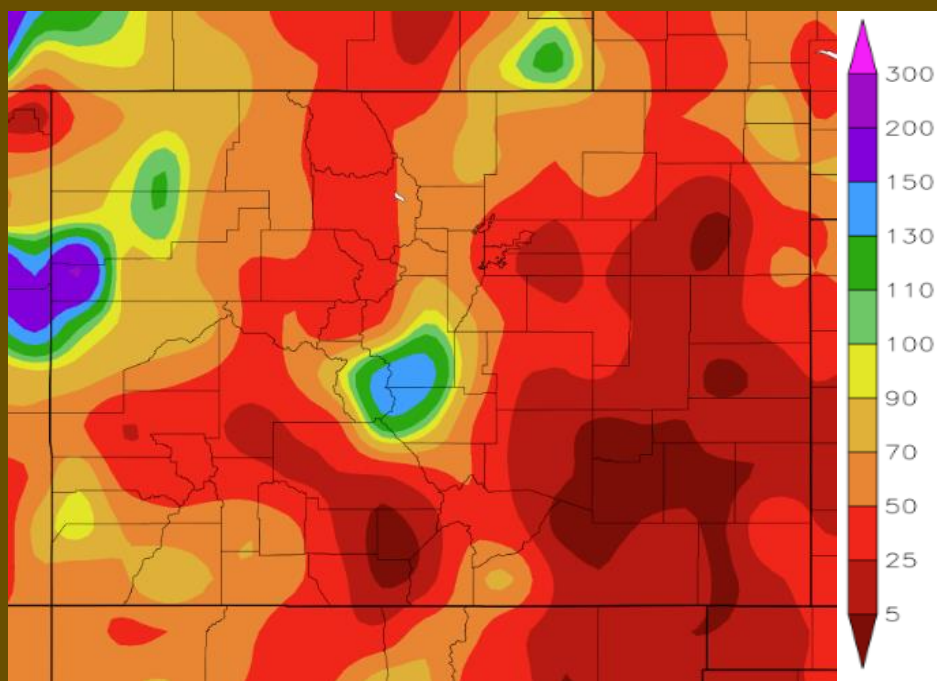
Precipitation for the month of November was quite scarce across the plains especially across the far southeastern sections of the forecast area. The Northern Mountains fared better with the highest amounts north of U.S. Highway 40. Note: The Walden COOP site only measured 0.38 inches for the month which is not displayed on this map due to smoothing.



Departure from Normal Precipitation  
November 2023 (Inches)



Percent of normal Precipitation (%)  
November 2023



Graphics generated by HPRCC using provisional data

**SNOWFALL :**

Only 2.9 inches of snow was measured at Denver International Airport which is 4.4 inches below normal. The average November snowfall for the 1991-2020 period from NCEI is 7.3 inches.

**TEN SNOWIEST NOVEMBERS IN DENVER WEATHER HISTORY SINCE 1872:  
INCHES**

- 42.5 - 1946
- 29.9 - 1991
- 29.3 - 1983
- 23.1 - 1929, 1928
- 22.9 - 1908
- 22.3 - 1979
- 21.3 - 1956
- 20.1 - 1992
- 19.4 - 1972

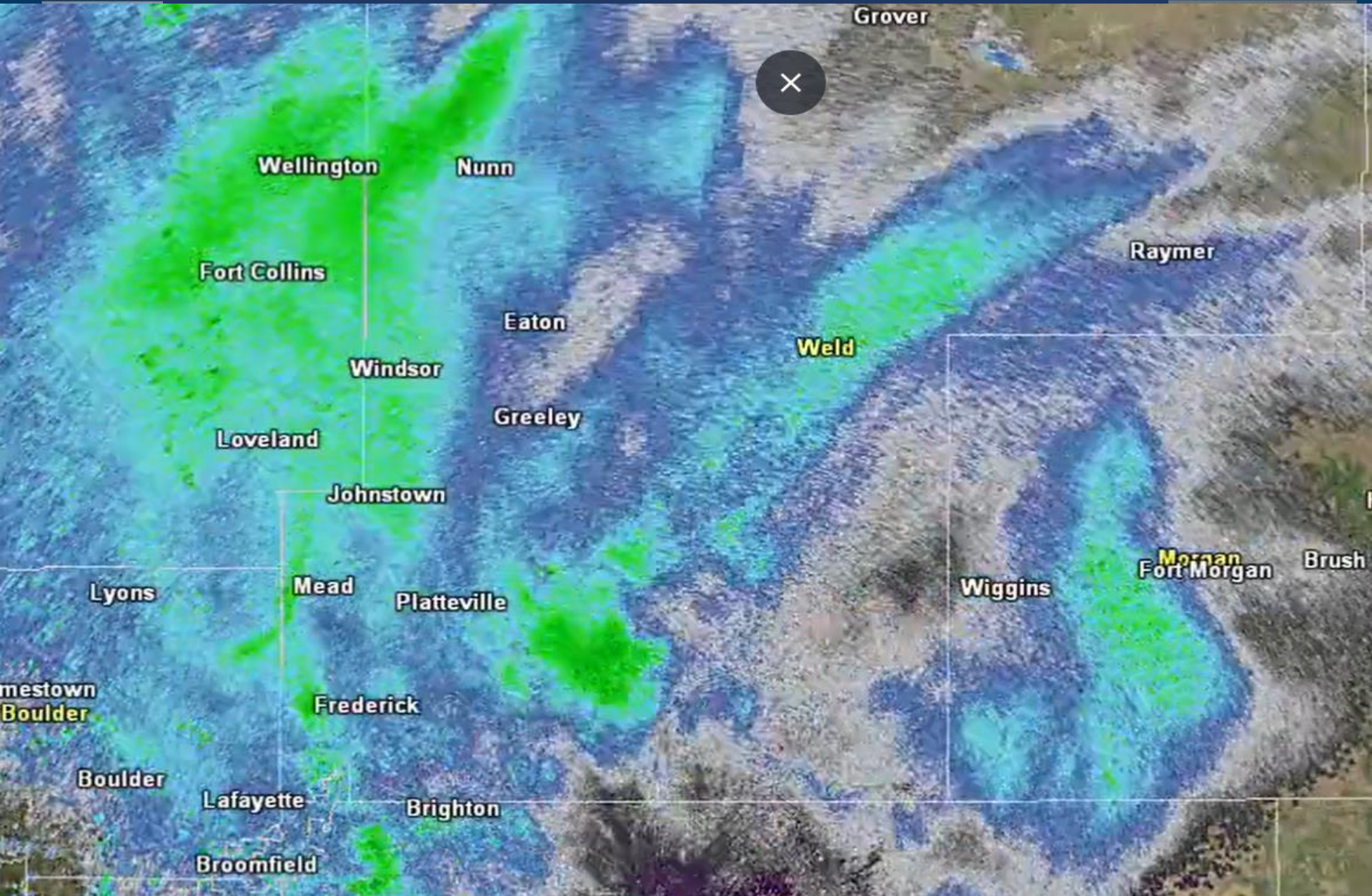
**TEN SNOWIEST NOVEMBERS IN DENVER WEATHER HISTORY SINCE 1872:  
INCHES**

- 0.0 1949
- Trace 2021, 2017, 2005, 1939, 1917, 1905, 1901, 1884
- 0.3 1883

X thunder or dense fog was observed at Denver International Airport during the month. A peak wind of 43 mph from the west was recorded on the 10<sup>th</sup>.



This KFTG radar image shows snow falling across the Front Range Urban Corridor and adjacent plains on the morning of November 25th



Grover



Wellington

Nunn

Fort Collins

Raymer

Eaton

Weld

Windsor

Greeley

Loveland

Johnstown

Morgan  
Fort Morgan

Lyons

Mead

Platteville

Wiggins

Brush

Westminster  
Boulder

Frederick

Boulder

Lafayette

Brighton

Broomfield



The snow that fell across the Front Range Urban Corridor resulted in slick and icy roads on the morning of November 25th



US 34 at I-25 Ramp



I-25 North of CO-52



US-36 at McCaslin Blvd



US 85 near Greeley



I-76 Near Lochbuie



US-6 and CO-93 Golden

