

SNOW REPORT

your window to the weather
SKYVIEWWEATHER®

Report Created: January 26th, 2019

Start Date: January 24th, 2019

End Date: January 24th, 2019

Region: Denver Metro

Meteorological Discussion:

A shortwave trough of low pressure and associated cold front impacted Colorado on Thursday, January 24th, bringing colder temperatures and snowfall to the Front Range. Morning temperatures were in the mid to upper 20s at lower elevations, with upper teens to low 20s observed in the foothills. Temperatures quickly dropped into the low 20s to upper teens after the arrival of a cold front between 6-9am. Heavier snowfall was primarily focused along the north-to-southward propagating frontal boundary, but there was also some localized banding due to the proximity of the upper-level jet stream. Northerly winds arrived behind the front between 10-20mph, with gusts between 25-35mph creating localized areas of blowing/drifted snow and poor visibility.

This was a short-lived event for the area, with most areas seeing meaningful snowfall for only a 2 to 3-hour period. Snowfall rates diminished quickly behind the cold front as drier air arrived from the northwest. Meaningful snow first came to end near Fort Collins, Loveland, and Greeley by about 10am. For areas around Boulder and Longmont, meaningful snow ended by 11am. Further south in Jefferson, Denver, Adams, Arapahoe, and Douglas Counties, meaningful snow ended by 12pm. Flurries and light snow showers lingered over the southern Jefferson County foothills and Rampart Range in Douglas County through early afternoon, but little additional accumulation was observed. Breaking skies and sunshine arrived by early afternoon, helping temperatures climb into the mid to upper 20s at lower elevations, with mid to upper teens observed in the foothills.

Due to colder air and pavement temperatures, snowfall easily accumulated on area roadways throughout this short-lived event. With breaking skies arriving by early afternoon, many area roadways experienced significant recovery for the remainder of the day, with the exception of north-facing and shaded streets. Wet and slushy roadways likely refroze by Friday morning, as overnight temperatures dropped into the single digits to low teens.

Storm totals of 1.5-3.0" were common from Fort Collins south to Boulder, with generally 1.0-2.5" reported in Metro Denver. Douglas County saw anywhere from 2.0-3.0" of snow, with up to 4.0" reported in the Jefferson County foothills.

There was some discrepancy between adjacent snowfall reports, likely due to melting and compaction, and also from measurements being taken at different times. Snowfall totals in the table below may be lower than peak accumulations for this event.

There were no National Weather Service advisories, watches, or warnings issued for this event.

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Meteorological Discussion (continued):

The official observed high temperatures for DIA on Thursday January 24th was 29, recorded just after midnight, with a low temperature of 8, recorded around 3am Friday morning. DIA reported 0.11" liquid precipitation and 1.0" snow.

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Snowfall by Location

Location	Zip Code	Snowfall	Location	Zip Code	Snowfall	Location	Zip Code	Snowfall
Allenspark	80510	3.0	Cherry Hills N	80210	1.8	Erie WNW	80026	3.1
Arapahoe Park	80016	2.0	Commerce City NE	80022	2.1	Estes Park	80517	1.4
Arvada	80004	2.3	Conifer	80433	1.3	Evergreen	80439	4.2
Aurora 2.5 S	80014	1.6	Denver/Capitol Hill	80203	2.0	Federal Heights N	80031	2.5
Aurora 2.9 NW	80010	1.5	Denver/Cherry Creek	80246	1.5	Ft Collins 4E	80524	1.0
Aurora/Buckley	80017	1.7	Denver DIA	80249	1.0	Ft Collins CSU	80523	1.3
Aurora Ctrl	80012	1.3	Denver Downtown	80204	2.0	Ft Collins SW	80526	2.7
Aurora Eaglecrest	80013	1.5	Denver East	80224	1.8	Ft Collins WSW	80526	2.3
Aurora NE	80011	1.0	Denver/Lowry	80247	2.0	Glendale	80220	1.5
Berthoud	80513	2.8	Denver/River North	80216	1.4	Golden NNW	80403	1.8
Boulder	80302	2.9	Denver Stapleton	80239	1.5	Golden 2SW	80401	3.6
Boulder Central	80304	2.1	Denver Stapleton NE	80239	1.5	Greeley 4 NW	80634	2.0
Brighton 1.7 ESE	80601	2.2	Denver Tech Center	80111	1.8	Greeley UNC	80631	2.7
Broomfield	80020	3.0	Denver/University Hills	80222	1.3	Greenwood Village	80121	2.0
Castle Pines NE	80108	2.5	Denver/Wash Park	80209	1.3	Highlands Ranch E	80126	2.2
Castle Rock 1 NE	80104	2.1	Denver 2.1 ESE	80206	2.0	Highlands Ranch WSW	80129	2.5
Castle Rock 3NE	80108	2.7	Denver ENE	80238	1.8	Ken Caryl Ranch	80127	3.5
Centennial/Dove Valley	80112	2.0	Denver 6 SSE	80231	1.3	Lakewood 6th/Sheridan	80226	1.5
Centennial	80122	2.5	Drake WSW	80515	2.7	Lakewood 6th/Simms	80215	2.8
Chatfield 2NW	80128	1.5	Elizabeth	80107	2.5	Lakewood S	80227	2.5
Cherry Creek Dam	80015	1.8	Englewood SE	80113	1.2	Lakewood/Belmar	80232	2.5

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Lakewood Central	80226	2.3	Lone Tree/Park Meadows	80124	1.9	Northglenn WSW	80233	2.2
Lakewood Green Mtn	80228	3.5	Longmont 2N	80504	3.2	Parker	80138	2.0
Larkspur SW	80118	3.0	W Longmont	80503	3.2	Parker/Stonegate	80134	2.0
Lafayette	80026	2.3	Louisville	80027	2.5	Roxborough Park	80125	3.0
Littleton	80123	3.0	Loveland	80538	3.0	S Sedalia	80109	3.0
Littleton NE	80121	2.3	Morrison	80465	3.2	Thornton 2N	80241	2.6
Littleton/Pinehurst	80235	2.5	Marston Lake	80123	2.5	Westminster	80030	2.0
Littleton S	80120	2.5	Nederland	80466	3.0	Wheatridge	80033	1.8
Littleton SW	80127	2.5	Niwot	80503	1.3	Windsor SW	80550	3.2
Lone Tree	80130	2.2	Northglenn S	80234	2.0			

Disclaimer Statement

This Skyview Weather SnowREPORT is certified to be accurate and representative of snowfall totals. Individual data reports (black dots) represent both physical measurements and derived-snowfall totals for specific georeferenced locations. The source of this data may include Cooperative Observers, National Weather Service (NWS) reports, and other private and public entities. Reports are quality controlled by Skyview Weather meteorologists through a comparison of physical and derived measurements vs. storm reanalysis data. Filled contour data is made available by the NWS NOHRSC system, providing high-resolution snowfall reanalysis through remote sensing, local storm reports, and area climatology. NOHRSC data is interpolated and experimental, and may not align with physical measurements. Skyview Weather reserves the right to update these reports as needed as new data becomes available. Use of this SnowREPORT for legal purposes is prohibited without expressed written consent. If approved, additional fees may apply.