

SUBJECT PROPERTY

Storm History Verification Report

2001 Blake Street, Denver, Colorado 80205, United States

COORDINATES	SEARCH RADIUS	DATE RANGE	REPORT GENERATED
39.7549, -104.9941	1.0 mi	10 years to 2026	July 22, 2026

PREPARED FOR
Sample Report · sample@myhailscore.com

DATE OF LOSS VERIFICATION

June 29, 2023

±45-day window: May 15, 2023 — Aug 13, 2023 · matched in MT local time

Hail on date of loss

Hail of 2.50" was observed within 0.3 mi of the subject property on the reported date of loss. Source: NEXRAD radar KCYS (Cheyenne, WY).

Publication lag: most NEXRAD SWDI radar records publish within days of an event, though some finalize weeks later; NOAA Storm Events entries publish after a multi-month quality-control review (typically 2–4 months). This verdict reflects records published as of July 22, 2026.

10-YEAR SEVERE-HAIL SNAPSHOT · WITHIN 1.0 MI

EVENTS ≥0.75"	LARGEST HAIL	CLOSEST EVENT	YEARS WITH ≥1.0"
10	2.50" Jun 29, 2023	0.30 mi 2.50" · Jun 29, 2023	6

WHAT THIS REPORT ESTABLISHES

Severe hail (0.75" or larger — the U.S. National Weather Service severe-storm criterion) was searched across the NOAA Storm Events Database and NEXRAD Level III radar hail signatures (SWDI) within 1 mile of the subject address during the ± 45 -day window around the stated date of loss. Live NCEP MRMS radar estimates for the most recent 30 days appear separately in the Recent Activity section. Each event in this report is cited to its original government record identifier and can be independently verified against the public record at noaa.gov.

What this report does not establish: it does not, and cannot, establish that hail struck this specific roof. Radius-based weather data confirms hail in the vicinity within a window — not impact on an individual structure. Documentation of damage to this roof rests on the physical inspection performed by the inspecting contractor. Determinations of coverage, causation, and payment rest solely with the carrier and adjuster.

Data current as of July 22, 2026; subject to NOAA publication lag. Informational only — not legal, insurance, or tax advice.

RECENT ACTIVITY · LIVE MRMS RADAR

No hail detected within 1.0 miles of this address in the last 30 days.

Data current as of Jul 22, 2026, 3:30 PM (MT)

METHODOLOGY

How this report was assembled

HailScore queried the subject property's coordinates against the event datasets named below for the ten years preceding report generation. Hail events were filtered to a maximum hailstone diameter of **at least 0.75 inches** — the U.S. severe criterion used by the National Weather Service — within a **1.0-mile radius** of the subject coordinates (great-circle distance). Event dates and times are shown in **MT** local time; raw UTC observation stamps are preserved in Works Cited.

Search parameters

- **Center point:** 39.754890, -104.994140 · **Radius:** 1.0 miles · **Threshold:** 0.75 inches or larger · **Range:** 10 years
- **DOL window:** May 15, 2023 — Aug 13, 2023 (± 45 days, complete MT calendar days)

Event record sources

- **NOAA Storm Events Database.** Curated severe-weather events from NCEI, including hail size and event narratives.
- **NEXRAD WSR-88D Level III hail signatures (SWDI).** Doppler-radar-derived hail size estimates from the NWS WSR-88D network via SWDI. Radar coverage in this dataset begins in 2015.

Live NCEP MRMS radar estimates (last 30 days) appear in the Recent Activity section. The HailScore platform additionally ingests SPC Local Storm Reports, NWS alert polygons, and CoCoRaHS volunteer observations for its scoring and live-alert features; those datasets are not itemized in this report's event ledger.

Independent verification

Every event in the table below carries a source identifier (NOAA Storm Events ID or NEXRAD station code) so the underlying record can be audited against the original government dataset. HailScore does not modify, score, or interpolate the underlying observations for presentation — the table reflects the raw data as published by the cited source.

STORM EVENTS

Hail events within 1.0 mi · newest first

10 event records meeting the 0.75-inch threshold during the date range. Records sharing a storm day are grouped — multiple sources or storm passes can each publish a record for the same system.

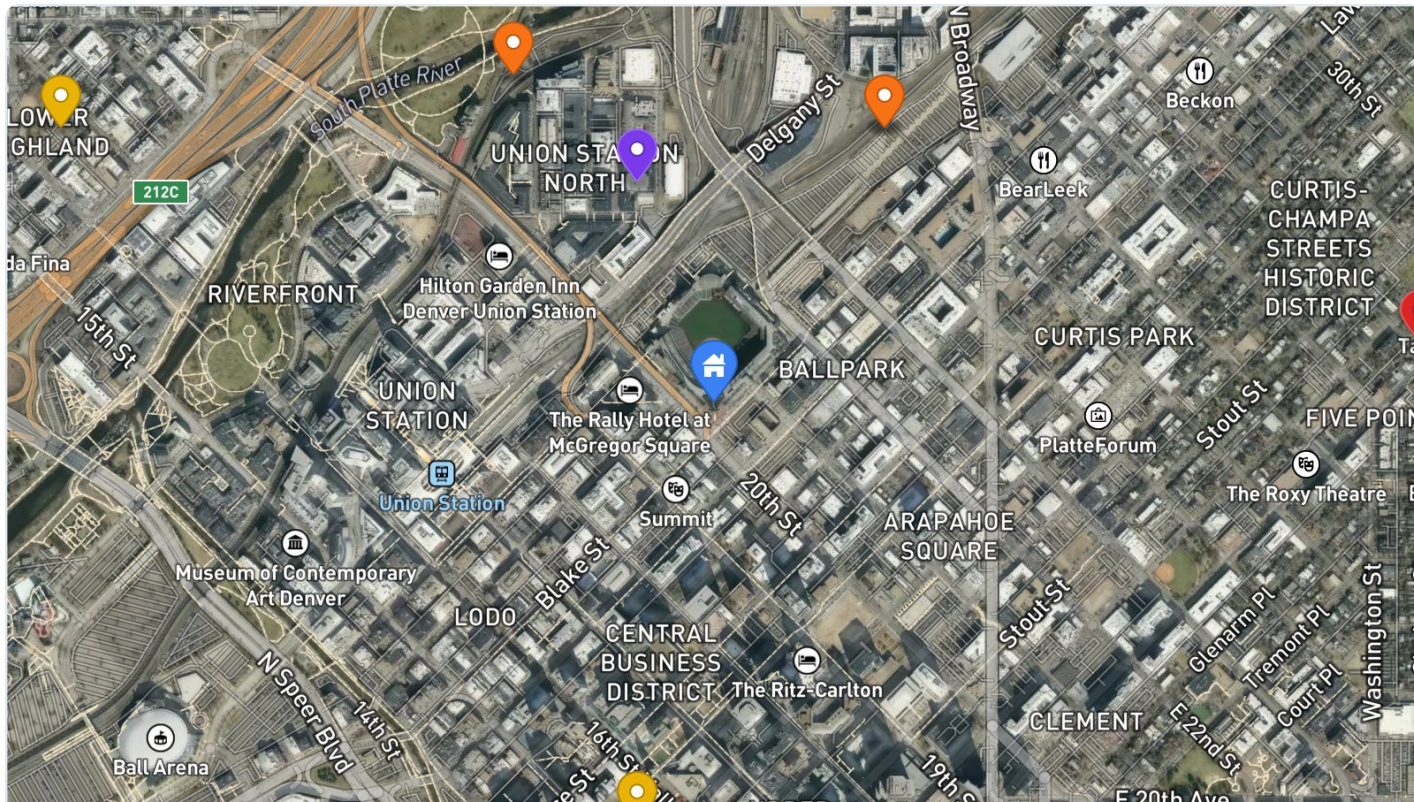
Times shown in MT local time; raw UTC stamps in Works Cited. Source IDs beginning with "K" are NEXRAD radar station codes — the NWS radar that detected the signature (KFTG = Denver/Boulder, CO, KCYS = Cheyenne, WY, KPUX = Pueblo, CO). Locations and distances use the detection coordinate, not the radar site.

DATE (MT)	HAIL SIZE	DISTANCE	SOURCE	SOURCE ID
Jun 1, 2026 19:03	 1.75"	0.91 mi	NEXRAD KFTG	KFTG
Jul 7, 2025 00:48	 1.00"	0.91 mi	NEXRAD KCYS	KCYS
MAY 30, 2024 — 3 RECORDS, SAME STORM DAY				
May 30, 2024 22:39	 1.00"	0.42 mi	NOAA Storm Events	1176846
May 30, 2024 22:35	 0.88"	0.92 mi	NOAA Storm Events	1176873
May 30, 2024 22:35	 1.00"	0.42 mi	NOAA Storm Events	1176847
Jun 29, 2023 21:56	 2.50"	0.30 mi	NEXRAD KCYS	KCYS
Jun 26, 2020 23:12	 1.00"	0.49 mi	NEXRAD KFTG	KFTG
Jul 20, 2019 21:18	 1.00"	0.55 mi	NEXRAD KPUX	KPUX
Jul 5, 2019 00:20	 0.75"	0.91 mi	NEXRAD KCYS	KCYS
Aug 13, 2017 21:18	 0.75"	0.55 mi	NEXRAD KPUX	KPUX

Hail size legend:  0.75–1.0"  1.0–1.5"  1.5–2.0"  2.0"+

MAP

Subject property and storm-event locations



Blue home pin marks the subject property at 39.7549, -104.9941. Colored dots show the 10 hail events within the 1.0-mile search radius (NWS size colors: yellow ≥ 0.75 ", orange ≥ 1.0 ", red ≥ 1.5 ", purple ≥ 2.0 "). Pins sit at the reported event coordinate — spotter position for NOAA events, radar grid-cell centroid for radar — so same-storm pins can visually stack at this ~1-mile zoom. Base layer: Mapbox satellite-streets. Event locations from NOAA Storm Events and NEXRAD WSR-88D.

Plotted events (10)

- | | |
|---|---|
| ● 2.50" · Jun 29, 2023 · 0.30 mi · NEXRAD KCYS | ● 1.75" · Jun 1, 2026 · 0.91 mi · NEXRAD KFTG |
| ● 1.00" · Jul 7, 2025 · 0.91 mi · NEXRAD KCYS | ● 1.00" · May 30, 2024 · 0.42 mi · NOAA Storm Events |
| ● 1.00" · May 30, 2024 · 0.42 mi · NOAA Storm Events | ● 1.00" · Jun 26, 2020 · 0.49 mi · NEXRAD KFTG |
| ● 1.00" · Jul 20, 2019 · 0.55 mi · NEXRAD KPUX | ● 0.88" · May 30, 2024 · 0.92 mi · NOAA Storm Events |
| ● 0.75" · Jul 5, 2019 · 0.91 mi · NEXRAD KCYS | ● 0.75" · Aug 13, 2017 · 0.55 mi · NEXRAD KPUX |



WORKS CITED

Data sources and per-event references

Event dates below are shown in MT local time; radar observation stamps are raw UTC as published.

Datasets cited in this report

1. National Oceanic and Atmospheric Administration. *Storm Events Database*. National Centers for Environmental Information.- <https://www.ncdc.noaa.gov/stormevents/>. Accessed Jul 22, 2026.
2. National Oceanic and Atmospheric Administration. *Severe Weather Data Inventory (SWDI) — NEXRAD Level III hail signatures*. National Centers for Environmental Information. <https://www.ncdc.noaa.gov/swdi/>. Accessed Jul 22, 2026.
3. National Weather Service. *Multi-Radar Multi-Sensor (MRMS) MESH_Max_1440min product*. National Centers for Environmental Prediction. Cited by the Recent Activity section. <https://www.nssl.noaa.gov/projects/mrms/>. Accessed Jul 22, 2026.

The HailScore platform additionally ingests SPC Local Storm Reports, NWS alert polygons (api.weather.gov), and CoCoRaHS volunteer observations for scoring and live-alert features; they are not sources of the events itemized in this report.

Per-event references (most significant)

4. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KFTG (Denver/Boulder, CO), observation 2026-06-02 01:03Z. Hail 1.75" at 0.91 mi from subject.
5. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KCYS (Cheyenne, WY), observation 2025-07-07 06:48Z. Hail 1.00" at 0.91 mi from subject.
6. NOAA NCEI. Storm Events Database, Event ID 1176846, May 30, 2024. DENVER, COLORADO. Hail diameter 1.00" at 0.42 mi from subject.
7. NOAA NCEI. Storm Events Database, Event ID 1176873, May 30, 2024. DENVER, COLORADO. Hail diameter 0.88" at 0.92 mi from subject.
8. NOAA NCEI. Storm Events Database, Event ID 1176847, May 30, 2024. DENVER, COLORADO. Hail diameter 1.00" at 0.42 mi from subject.
9. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KCYS (Cheyenne, WY), observation 2023-06-30 03:56Z. Hail 2.50" at 0.30 mi from subject.
10. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KFTG (Denver/Boulder, CO), observation 2020-06-27 05:12Z. Hail 1.00" at 0.49 mi from subject.
11. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KPIX (Pueblo, CO), observation 2019-07-21 03:18Z. Hail 1.00" at 0.55 mi from subject.
12. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KCYS (Cheyenne, WY), observation 2019-07-05 06:20Z. Hail 0.75" at 0.91 mi from subject.
13. NOAA NCEI. NEXRAD WSR-88D Level III Severe Weather Data Inventory, radar station KPIX (Pueblo, CO), observation 2017-08-14 03:18Z. Hail 0.75" at 0.55 mi from subject.

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This report is not signed by an AMS Certified Consulting Meteorologist and does not constitute a forensic meteorological opinion. Each event in the Storm Events table can be independently verified against the original dataset using the source identifier provided. HailScore™ is a product of HailScore LLC, Denver, CO.