



3P4C-VZDJ-ZYHJ
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Storm Impact Report

Radar-estimated hail history and official storm reports

PROPERTY ADDRESS

1520 K Ave, Plano, TX, 75074

REPORT ID

Dt3ccUVyxYZuelmd

GENERATED

2026-10-26 20:29 UTC

DATA PERIOD

Oct 1, 2021 – Oct 25, 2026

PROPERTY POINT

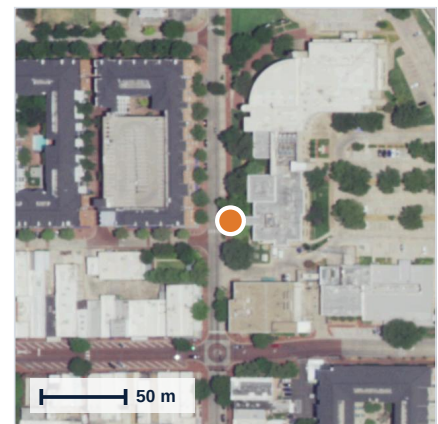
33.02039, -96.69917

SEARCH AREA

3-mile radius, 1-mile inner ring

SOURCES

NOAA radar (SWDI nx3hail) and
NCEI / SPC storm reports



USDA NAIP aerial imagery, captured July 2022 (public domain). Shown for location context only; not used to assess roof condition.

Prepared from public-domain NOAA radar data and official storm reports. Radar-estimated hail is not confirmation that hail fell at this address; see the limitations on page 6.

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SUMMARY

Hail history at a glance

HAIL DAYS WITHIN 3 MI

15

days with a radar hail detection

HAIL DAYS WITHIN 1 MI

1

days with a detection this close

DAYS 1.00 IN OR LARGER

1

within 1 mile

LARGEST WITHIN 1 MI

1.25 in

Mar 30, 2025

LARGEST WITHIN 3 MI

3.00 in

May 28, 2024

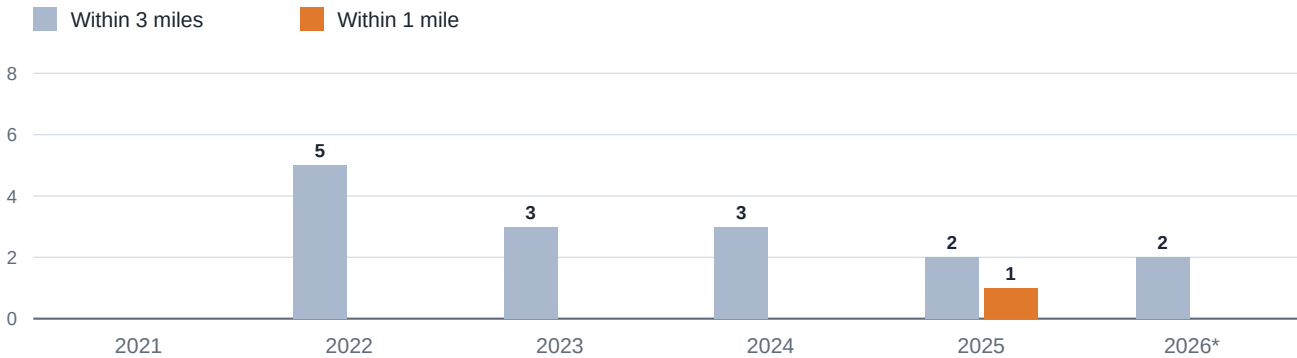
MOST RECENT HAIL DAY

Jun 19, 2026

0.75 in max within 3 mi

NOAA's radar hail algorithm estimated hail on 15 days within 3 miles of this address between Oct 1, 2021 and Oct 25, 2026 (UTC dates), including 1 day within 1 mile. The largest radar-estimated size within 1 mile was 1.25 in on Mar 30, 2025. The most recent hail day was Jun 19, 2026.

Hail days per year



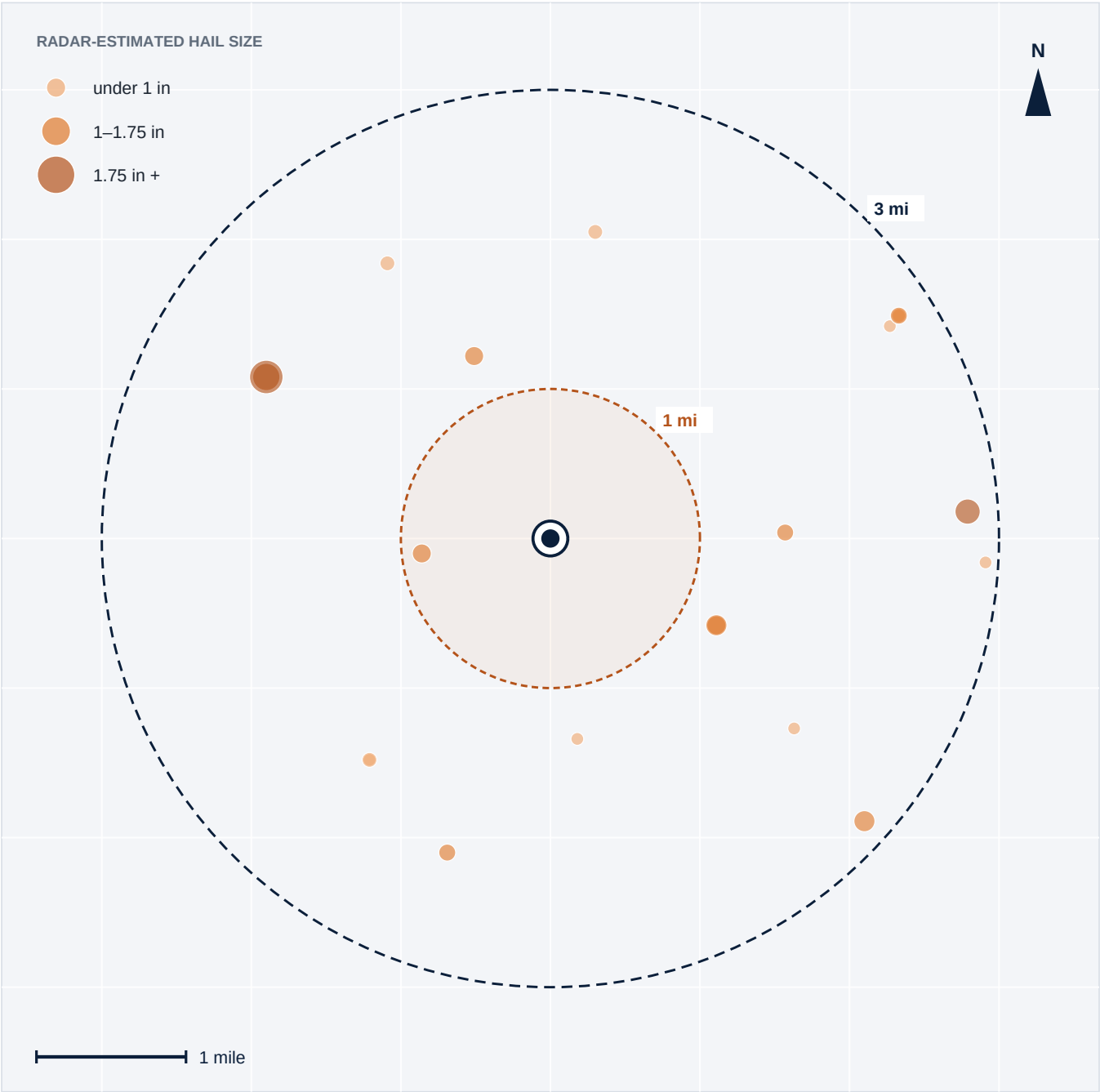
A hail day is a UTC calendar date with at least one radar hail detection in the stated distance. * 2026 is a partial year (data through Oct 25, 2026).

OFFICIAL STORM REPORTS WITHIN 3 MILES

6 official hail reports within 3 mi · largest reported hail **3.00 in** (Apr 21, 2023) · max reported wind **75 mph** (May 28, 2024). Ground observations; details on page 5.

STORM MAP

Where the radar detected hail



The map is centered on the property. Each dot is a radar hail detection within 3 miles during the data period, sized and shaded by the radar-estimated maximum hail size; repeat detections of the same storm cell at the same size are drawn once. Positions are radar-cell locations, not surveyed hail locations. No third-party map imagery is used.

TIMELINE

Hail days within 3 miles

Newest first. Showing 15 of 15 hail days.

Date (UTC)	Max size within 1 mi	Max size within 3 mi	Nearest (mi)	Severe-hail prob. (%)	Radar sites
Jun 19, 2026	—	0.75 in	2.07	20	KFWS
Mar 7, 2026	—	1.00 in	1.57	40	KDAL
Mar 30, 2025	1.25 in	1.25 in	0.86	60	KDAL, KFWS
Mar 26, 2025	—	1.00 in	2.21	50	KFWS
Nov 4, 2024	—	2.00 in	2.80	80	KDAL
May 30, 2024	—	0.75 in	1.35	20	KFWS
May 28, 2024	—	3.00 in	2.19	100	KFWS
Oct 5, 2023	—	0.50 in	2.07	0	KFWS
Jul 10, 2023	—	1.50 in	1.25	60	KFWS
Jul 6, 2023	—	1.00 in	2.76	40	KFWS
Dec 13, 2022	—	0.50 in	1.91	30	KFWS
Sep 4, 2022	—	0.50 in	2.68	0	KDAL
May 16, 2022	—	1.25 in	1.25	60	KFWS
Mar 21, 2022	—	0.50 in	2.76	20	KFWS
Mar 18, 2022	—	0.75 in	1.91	30	KFWS

OFFICIAL STORM REPORTS

Ground reports within 3 miles

OFFICIAL HAIL REPORTS

6

within 3 mi, ground reports

LARGEST REPORTED HAIL

3.00 in

Apr 21, 2023, within 3 mi

MAX REPORTED WIND

75 mph

May 28, 2024, within 3 mi

NOAA's official storm reports include 11 reports within 3 miles of this address between Oct 1, 2021 and Oct 24, 2026 (6 hail, 5 thunderstorm wind). The largest reported hail was 3 in on Apr 21, 2023. The highest reported thunderstorm-wind gust or speed was 75 mph on May 28, 2024.

Newest first. Showing 11 of 11 reports within 3 miles.

Date (UTC)	Type	Magnitude	Distance (mi)	Location	Source
Mar 26, 2025	Hail	1.50 in	1.41	1.7 E Renner, TX	NCEI
Mar 4, 2025	Thunderstorm wind	61 kt	1.75	1.4 N Plano, TX	NCEI
May 28, 2024	Thunderstorm wind	65 kt	1.25	2.3 ENE Plano, TX	NCEI
May 28, 2024	Thunderstorm wind	65 kt	2.33	3.1 NE Plano, TX	NCEI
Apr 21, 2023	Hail	1.50 in	2.37	1.2 W Plano, TX	NCEI
Apr 21, 2023	Hail	1.75 in	1.49	1.5 NNE Plano, TX	NCEI
Apr 21, 2023	Hail	3.00 in	2.46	1.4 WNW Plano, TX	NCEI
Apr 2, 2023	Hail	1.00 in	0.53	1.7 E Plano, TX	NCEI
Sep 4, 2022	Thunderstorm wind	50 kt	2.38	0.9 NW Plano Shiloh Arpk Ar,...	NCEI
Sep 4, 2022	Thunderstorm wind	55 kt	1.79	0.6 W Plano, TX	NCEI
May 16, 2022	Hail	1.00 in	2.96	2 NW Plano, TX	NCEI

Official reports through: NCEI Storm Events through Jun 30, 2026; SPC preliminary reports through Oct 24, 2026. Distance is measured from the property point to the report's location (for a tornado, to the closest point on its reported track). NCEI reports are quality-controlled; SPC reports are preliminary and are replaced by NCEI data when it is published. Wind is shown in the unit the source uses: knots (kt) for NCEI, mph for SPC. Magnitudes are measured or estimated by the reporter.

METHODOLOGY

Sources, method and limitations

Data sources

- **NOAA NCEI Severe Weather Data Inventory (SWDI), product nx3hail.** Output of the NEXRAD Level-III Hail Detection Algorithm, which reports for each storm cell the probability of hail, the probability of severe hail (0.75 in or larger) and a maximum expected hail size in inches. Public-domain U.S. Government data.
- **NOAA NCEI Storm Events Database.** Official hail, thunderstorm-wind and tornado records compiled by National Weather Service offices from spotters, emergency managers, law enforcement, the public and damage surveys; quality-controlled and published a few months after the event. Public domain.
- **NOAA Storm Prediction Center (SPC) storm reports.** Preliminary daily reports of the same event types, used only for the days after the newest Storm Events month; they can be corrected or dropped before NCEI publishes them. Public domain.
- **U.S. Census Bureau Geocoder.** Converts the street address to the coordinates used as the property point. The geocoded point can differ from the building location.
- **USDA National Agriculture Imagery Program (NAIP), via USGS The National Map.** The aerial photo on page 1 was captured July 2022; it can be years older than this report and does not show current condition. Public-domain imagery, shown for location context only; no analysis is performed on it.

How the figures are computed

- Distances are great-circle distances from the property point to each detection's or report's location (for a tornado, to the closest point on its track). A hail day is a UTC calendar date; evening storms in U.S. time zones can fall on the next UTC date.
- Radar detections with no size estimate are excluded; repeated detections of one storm count once per day. The period runs from the first day of the month five years back through the last full day before the report was generated; NOAA's archive can trail real time.
- Official reports are counted within 3 miles over the same period, up to the date each source is loaded (Oct 24, 2026).

Limitations

This report summarizes radar-estimated hail detections from NOAA's NEXRAD Hail Detection Algorithm near the address. Radar estimates are not ground observations and do not confirm that hail fell at, or damaged, this property. Detections within the stated distance may be up to several hundred meters from their true location. Use this report alongside a physical inspection by a licensed professional. Dinjir is not an insurer and this report is not a coverage or damage determination.

- Official reports exist only where a person saw, measured or surveyed an event and reported it, so sparsely populated areas and nighttime storms are under-reported, and a report's position can be approximate. A lack of reports does not mean no hail or wind occurred. SPC reports are preliminary and may change. Reports are observations, not findings about any building.

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Next steps

- Have a licensed roofing contractor inspect the roof in person. If you are considering an insurance claim, a licensed public adjuster can explain the process and your options.
- For repair or replacement scope and cost estimating, see PaxExact at paxexact.com.