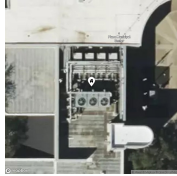


SEVERE-WEATHER HISTORY · PROPERTY IMPACT SUMMARY

What hit this property

PROPERTY 1520 K Ave, Plano, TX 75074 Parcel 33.0208, -96.6987 Coverage window 2021-01-01 To 2026-09-05	REPORT Report hvr_sample Generated 2026-09-06 03:09 UTC Methodology MESH-v1.2-2026-05 Calibration v4-roofcurve-2026-09-03 Impact rules impact-v3-2026-09 · Hash 8bbf673907edfeba	SATELLITE · SUBJECT PARCEL 
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LATEST STORM · MOST RECENT IMPACT EVENT IN THE LAST 18 MONTHS

High · 95%

Station data

0.6" rain

Damaging

Jun 03, 2025, 11:53 PM CDT · —

Source Detected

Type River

Peak rate 0.6 in/hr

Report Several roads were reported flooded and closed across Garland including Campbell Road, Castle Drive and Naaman School Road.

Largest on record in the analysis window: 1.5" rain flood · Feb 08, 2023 · —

IMPACT EVENTS · SEVERE TIER AND ABOVE · AT THE PROPERTY · CONFIRMED OR MEDIUM+ CONFIDENCE

10 of 27 shown · newest first

Date	Peril	Size / speed	Severity	Confidence	Distance	Corroboration
Jun 03, 2025	Flood	0.6" rain	Damaging	High · 95%	—	Station data
Mar 25, 2025	Hail	0.61" (Mothball) · NWS 1.50"	Severe	High · 90%	4.6 mi	NWS report
Jan 29, 2025	Flood	2.3" rain	Damaging	High · 95%	—	Station data
May 30, 2024	Flood	2.1" rain	Damaging	High · 95%	—	Station data
May 28, 2024	Hail	1.71" (Ping-Pong Ball)	Damaging	High · 93%	2.2 mi	NWS report
Oct 28, 2023	Flood	0.1" rain	Damaging	High · 80%	—	NWS report
Oct 26, 2023	Flood	0.3" rain	Damaging	High · 80%	—	NWS report
Oct 25, 2023	Flood	0.2" rain	Damaging	High · 80%	—	NWS report
Oct 04, 2023	Hail	0.39" (Pea)	Severe	Medium · 83%	2.0 mi	Radar only
Apr 20, 2023	Hail	1.75" (Golf Ball) · NWS 3.00"	Damaging	High · 100%	1.5 mi	NWS report

+17 more impact events in Appendix A.

SIX PERILS · IMPACT EVENTS IN THE ANALYSIS WINDOW

HAIL 7 largest 1.75" · Apr 2023	WIND 0 none at the property	TORNADO 0 none at the property	FLOOD 19 largest 1.5" rain · Feb 2023	WINTER 1 largest 4.00" ice · Feb 2021	HURRICANE 0 none at the property
---	---	--	---	---	--

Coverage. Radar sites for this parcel: KFWS. Analysis window 2021-01-01 To 2026-09-05. Radar mosaic coverage is continuous for the window shown (one partial day, 19 Jul 2021). Absence of a detection is not evidence of absence: same-day radar products publish 1-2 days late and NWS storm reports are reviewed for 2-3 months.

This report verifies meteorological occurrence at the parcel from NEXRAD / MRMS radar and NWS records. It is not a damage assessment. Radar-only detections are labeled and carry lower confidence. The complete event history, methodology and calibration follow in the appendix.

APPENDIX A · EVERYTHING NOT ON PAGE 1

Other events in the area

Every other event the search returned — near the property but below the severe tier, in the area, or beyond 5 mi — newest first within each band. Wind and tornado rows are same-date cross-references to the hail record. Low-confidence rows are greyed.

IMPACT EVENTS · CONTINUED FROM PAGE 1 · beyond the page-1 row cap

17 events

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Apr 02, 2023	Hail	0.11"	0.14"	—	4.7 mi	39 min	Severe	90%
	Ground Confirmed NWS 1" (Collin, 0.5 mi, NWS report)							
Feb 08, 2023	Flood	1.5" rain	—	—	—	—	Catastrophic	95%
Feb 07, 2023	Flood	0.1" rain	—	—	—	—	Catastrophic	95%
Aug 23, 2022	Flood	0.0" rain	—	—	—	—	Catastrophic	95%
Aug 22, 2022	Flood	0.7" rain	—	—	—	—	Catastrophic	95%
Aug 21, 2022	Flood	0.0" rain	—	—	—	—	Catastrophic	95%
Jun 02, 2022	Flood	0.6" rain	—	—	—	—	Catastrophic	95%
May 16, 2022	Hail	0.63"	0.81"	—	1.2 mi	23 min	Severe	88%
	Ground Confirmed NWS 1" (Collin, 3.0 mi, NWS report) · SPC 1" (Plano, 2.7 mi)							
May 15, 2022	Hail	0.61"	0.79"	—	1.4 mi	18 min	Severe	93%
	Ground Confirmed NWS 1" (Collin, 3.0 mi, NWS report)							
Apr 04, 2022	Flood	0.4" rain	—	—	—	—	Damaging	100%
Jun 05, 2021	Flood	0.2" rain	—	—	—	—	Catastrophic	95%
Apr 30, 2021	Flood	0.1" rain	—	—	—	—	Damaging	80%
Apr 29, 2021	Flood	0.7" rain	—	—	—	—	Damaging	80%
Feb 26, 2021	Flood	0.3" rain	—	—	—	—	Damaging	80%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Feb 25, 2021	Flood	1.1" rain	—	—	—	—	Damaging	80%
Feb 20, 2021	Winter	4.00" ice	—	—	—	—	Damaging	95%
Dec 31, 2020	Flood	0.3" rain	—	—	—	—	Damaging	80%

REGIONAL CONTEXT · within 5 mi, or below the severe tier, or radar-only below Medium confidence

412 events

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Sep 03, 2026	Hurricane	—	—	—	5.1 mi	—	—	0%
Aug 09, 2026	Wind	26 mph	—	—	11.5 mi	—	Marginal	65%
Jun 18, 2026	Flood	0.0" rain	—	—	—	—	Damaging	80%
Jun 02, 2026	Wind	24 mph	—	—	5.3 mi	—	Marginal	75%
May 27, 2026	Flood	—	—	—	—	—	—	0%
May 24, 2026	Wind	21 mph	—	—	10.0 mi	—	Marginal	65%
Apr 27, 2026	Hail	0.93"	1.19"	—	4.5 mi	62 min	Marginal	93%
Mar 17, 2026	Winter	—	—	—	—	—	Severe	65%
Feb 05, 2026	Winter	—	—	—	—	—	Severe	65%
Feb 02, 2026	Winter	Cold/Wind Chill	—	—	—	—	Severe	65%
Feb 01, 2026	Winter	Cold/Wind Chill	—	—	—	—	Damaging	95%
Jan 31, 2026	Winter	Cold/Wind Chill	—	—	—	—	Destructive	100%
Jan 30, 2026	Winter	Cold/Wind Chill	—	—	—	—	Severe	85%
Jan 28, 2026	Winter	Cold/Wind Chill	—	—	—	—	Damaging	95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 27, 2026	Winter	Winter Storm	—	—	—	—	Destructive	● 100%
Jan 26, 2026	Winter	Ice Storm	—	—	—	—	Destructive	● 100%
Jan 25, 2026	Winter	Ice Storm	—	—	—	—	Destructive	● 100%
Jan 24, 2026	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Jan 23, 2026	Winter	Ice Storm	—	—	—	—	—	● 90%
Jan 22, 2026	Winter	0.10" ice · 1.1" snow	—	—	—	—	—	● 85%
Jan 20, 2026	Winter	Frost/Freeze	—	—	—	—	Damaging	● 95%
Jan 19, 2026	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Jan 18, 2026	Winter	Frost/Freeze	—	—	—	—	Destructive	● 100%
Jan 17, 2026	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 15, 2026	Winter	—	—	—	—	—	Severe	● 65%
Jan 12, 2026	Winter	—	—	—	—	—	Severe	● 65%
Jan 11, 2026	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 10, 2026	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 09, 2026	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 07, 2026	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 31, 2025	Winter	1.0" snow	—	—	—	—	Severe	● 85%
Dec 30, 2025	Winter	Winter Weather	—	—	—	—	Severe	● 85%
Dec 29, 2025	Winter	Winter Weather	—	—	—	—	Severe	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Dec 28, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 15, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Dec 14, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Dec 10, 2025	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Dec 09, 2025	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Dec 08, 2025	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Dec 05, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 04, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 03, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 02, 2025	Winter	Winter Weather	—	—	—	—	Severe	● 85%
Nov 30, 2025	Winter	—	—	—	—	—	Severe	● 65%
Nov 20, 2025	Flood	1.2" rain	—	—	—	—	—	● 95%
Nov 19, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 18, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Sep 22, 2025	Flood	0.9" rain	—	—	—	—	—	● 95%
Sep 21, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Sep 20, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Sep 01, 2025	Flood	0.1" rain	—	—	—	—	—	● 95%
Aug 31, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Aug 30, 2025	Flood	0.4" rain	—	—	—	—	—	● 95%
Aug 29, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Aug 28, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Aug 03, 2025	Wind	27 mph	—	—	5.3 mi	—	Marginal	● 90%
Jul 14, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 13, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 12, 2025	Flood	0.1" rain	—	—	—	—	—	● 95%
Jul 11, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 09, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 08, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 07, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 09, 2025	Flood	0.6" rain	—	—	—	—	—	● 95%
Jun 08, 2025	Flood	0.2" rain	—	—	—	—	—	● 95%
Jun 07, 2025	Flood	0.0" rain	—	—	—	—	—	● 80%
Jun 04, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 02, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
May 19, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
May 18, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
May 17, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
May 06, 2025	Flood	0.3" rain	—	—	—	—	—	● 95%
May 05, 2025	Flood	0.2" rain	—	—	—	—	—	● 95%
May 04, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 30, 2025	Flood	0.4" rain	—	—	—	—	—	● 95%
Apr 29, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 28, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 07, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Apr 06, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 06, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Apr 05, 2025	Flood	0.4" rain	—	—	—	—	—	● 95%
Apr 05, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Apr 04, 2025	Flood	0.1" rain	—	—	—	—	—	● 95%
Apr 03, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 03, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 29, 2025	Hail	0.22"	0.28"	—	0.9 mi	34 min	Severe	● 88%
Mar 10, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 09, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 08, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 07, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 06, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Mar 03, 2025	Wind	22 mph	—	—	6.8 mi	—	Marginal	● 95%
Feb 22, 2025	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Feb 21, 2025	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Feb 20, 2025	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Feb 19, 2025	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Feb 18, 2025	Winter	Winter Weather	—	—	—	—	Severe	● 85%
Feb 17, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Feb 16, 2025	Winter	—	—	—	—	—	Severe	● 65%
Feb 13, 2025	Winter	Winter Weather	—	—	—	—	Damaging	● 95%
Feb 12, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Feb 10, 2025	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 30, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 28, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 27, 2025	Winter	—	—	—	—	—	Severe	● 65%
Jan 25, 2025	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 24, 2025	Winter	Frost/Freeze	—	—	—	—	Damaging	● 95%
Jan 23, 2025	Winter	Winter Storm	—	—	—	—	Damaging	● 95%
Jan 22, 2025	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Jan 21, 2025	Winter	Ice Storm	—	—	—	—	Destructive	● 100%
Jan 20, 2025	Winter	Ice Storm	—	—	—	—	Destructive	● 100%
Jan 19, 2025	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 18, 2025	Winter	Cold/Wind Chill	—	—	—	—	—	● 85%
Jan 16, 2025	Winter	—	—	—	—	—	Severe	● 65%
Jan 15, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Jan 14, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Jan 13, 2025	Winter	—	—	—	—	—	Damaging	● 75%
Jan 12, 2025	Winter	Heavy Snow	—	—	—	—	—	● 90%
Jan 11, 2025	Winter	Blizzard	—	—	—	—	Damaging	● 100%
Jan 10, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 10, 2025	Winter	Blizzard	—	—	—	—	Severe	● 90%
Jan 09, 2025	Flood	0.5" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 09, 2025	Winter	Blizzard	—	—	—	—	—	● 90%
Jan 08, 2025	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 08, 2025	Winter	Blizzard	—	—	—	—	Damaging	● 100%
Jan 07, 2025	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 06, 2025	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 05, 2025	Winter	Cold/Wind Chill	—	—	—	—	—	● 85%
Jan 04, 2025	Winter	1.3" snow	—	—	—	—	—	● 85%
Jan 02, 2025	Winter	—	—	—	—	—	Severe	● 65%
Dec 26, 2024	Flood	0.5" rain	—	—	—	—	—	● 95%
Dec 25, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Dec 24, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Dec 23, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Dec 22, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Dec 21, 2024	Winter	—	—	—	—	—	Severe	● 65%
Dec 06, 2024	Winter	—	—	—	—	—	Severe	● 65%
Dec 02, 2024	Winter	—	—	—	—	—	Severe	● 65%
Nov 29, 2024	Winter	—	—	—	—	—	Severe	● 65%
Nov 26, 2024	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Nov 25, 2024	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Nov 19, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 18, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 17, 2024	Flood	0.6" rain	—	—	—	—	—	● 95%
Nov 16, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Nov 15, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 14, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 13, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 12, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 11, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 10, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 09, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 09, 2024	Winter	Heavy Snow	—	—	—	—	—	● 90%
Nov 08, 2024	Flood	0.5" rain	—	—	—	—	—	● 95%
Nov 08, 2024	Winter	Heavy Snow	—	—	—	—	—	● 90%
Nov 07, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 07, 2024	Winter	Heavy Snow	—	—	—	—	—	● 90%
Nov 06, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 06, 2024	Winter	Heavy Snow	—	—	—	—	—	● 90%
Nov 05, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 04, 2024	Flood	1.2" rain	—	—	—	—	—	● 95%
Nov 03, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Nov 02, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 01, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Sep 11, 2024	Flood	0.1" rain	—	—	—	—	—	● 95%
Sep 10, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Sep 09, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 22, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Jul 21, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Jul 20, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jul 08, 2024	Hurricane	Tropical Storm	—	—	—	—	Severe	● 85%
Jun 20, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 19, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 18, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 18, 2024	Hurricane	Tropical Storm	—	—	—	—	Severe	● 60%
Jun 17, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 16, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 05, 2024	Flood	0.9" rain	—	—	—	—	—	● 95%
Jun 04, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Jun 03, 2024	Flood	0.7" rain	—	—	—	—	—	● 95%
Jun 02, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 01, 2024	Flood	0.1" rain	—	—	—	—	—	● 95%
May 31, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
May 29, 2024	Flood	0.0" rain	—	—	—	—	Damaging	● 95%
May 28, 2024	Flood	1.1" rain	—	—	—	—	—	● 95%
May 27, 2024	Wind	20 mph	—	—	7.7 mi	—	Marginal	● 100%
May 27, 2024	Flood	0.0" rain	—	—	—	—	Damaging	● 95%
May 26, 2024	Flood	0.1" rain	—	—	—	—	—	● 95%
May 25, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
May 24, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
May 22, 2024	Hail	1.53"	1.96"	—	3.8 mi	79 min	Damaging	● 100%
May 22, 2024	Flood	1.4" rain	—	—	—	—	—	● 95%
May 21, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
May 20, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
May 13, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
May 12, 2024	Flood	0.7" rain	—	—	—	—	—	● 95%
May 10, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
May 05, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
May 03, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 28, 2024	Flood	1.4" rain	—	—	—	—	—	● 95%
Apr 26, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 25, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 24, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 21, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 20, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 19, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 18, 2024	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 10, 2024	Flood	0.2" rain	—	—	—	—	—	● 95%
Apr 09, 2024	Flood	1.0" rain	—	—	—	—	—	● 95%
Dec 30, 2023	Winter	—	—	—	—	—	Severe	● 65%
Dec 26, 2023	Winter	—	—	—	—	—	Severe	● 65%
Dec 11, 2023	Winter	—	—	—	—	—	Severe	● 65%
Nov 27, 2023	Winter	Winter Weather	—	—	—	—	Severe	● 85%
Nov 26, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 25, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 24, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 01, 2023	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Oct 31, 2023	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Oct 30, 2023	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Oct 29, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Oct 28, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Oct 24, 2023	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Oct 04, 2023	Wind	20 mph	—	—	10.0 mi	—	Marginal	● 75%
Oct 03, 2023	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Aug 22, 2023	Hurricane	Tropical Storm	—	—	—	—	Severe	● 60%
Jul 04, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Jul 03, 2023	Flood	0.1" rain	—	—	—	—	—	● 95%
Jul 02, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 21, 2023	Hail	0.72"	1.00"	—	7.9 mi	41 min	Marginal	● 73%
Jun 15, 2023	Hail	0.72"	1.00"	—	3.0 mi	5 min	Marginal	● 93%
Jun 15, 2023	Wind	18 mph	—	—	6.8 mi	—	Marginal	● 95%
Jun 07, 2023	Wind	52 mph	—	—	17.8 mi	—	Marginal	● 65%
May 15, 2023	Hail	0.85"	1.09"	—	4.0 mi	49 min	Marginal	● 83%
Apr 24, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 23, 2023	Flood	0.1" rain	—	—	—	—	—	● 95%
Apr 22, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 21, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Mar 19, 2023	Winter	—	—	—	—	—	Severe	● 65%
Mar 16, 2023	Wind	32 mph	—	—	5.3 mi	—	Marginal	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Mar 09, 2023	Flood	0.1" rain	—	—	—	—	—	● 95%
Mar 08, 2023	Flood	0.1" rain	—	—	—	—	—	● 95%
Mar 02, 2023	Wind	30 mph	—	—	10.0 mi	—	Marginal	● 95%
Feb 18, 2023	Winter	—	—	—	—	—	Severe	● 65%
Feb 17, 2023	Winter	—	—	—	—	—	Severe	● 65%
Feb 12, 2023	Winter	—	—	—	—	—	Severe	● 65%
Feb 11, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 10, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 09, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 08, 2023	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 06, 2023	Flood	0.0" rain	—	—	—	—	Catastrophic	● 95%
Feb 04, 2023	Winter	—	—	—	—	—	Severe	● 65%
Feb 03, 2023	Winter	Ice Storm	—	—	—	—	Severe	● 90%
Feb 01, 2023	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Jan 31, 2023	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Jan 30, 2023	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Jan 29, 2023	Winter	Ice Storm	—	—	—	—	—	● 90%
Jan 27, 2023	Winter	—	—	—	—	—	Severe	● 65%
Jan 26, 2023	Winter	Heavy Snow	—	—	—	—	Severe	● 90%
Jan 25, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 24, 2023	Flood	0.5" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 24, 2023	Winter	Heavy Snow	—	—	—	—	—	● 90%
Jan 23, 2023	Flood	0.0" rain	—	—	—	—	—	● 95%
Jan 23, 2023	Winter	Heavy Snow	—	—	—	—	Damaging	● 100%
Jan 14, 2023	Winter	—	—	—	—	—	Severe	● 65%
Jan 13, 2023	Winter	—	—	—	—	—	Severe	● 65%
Dec 27, 2022	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Dec 26, 2022	Winter	Cold/Wind Chill	—	—	—	—	Severe	● 85%
Dec 25, 2022	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Dec 23, 2022	Winter	Cold/Wind Chill	—	—	—	—	Catastrophic	● 100%
Dec 22, 2022	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Dec 21, 2022	Winter	Cold/Wind Chill	—	—	—	—	Severe	● 85%
Dec 18, 2022	Winter	—	—	—	—	—	Damaging	● 75%
Dec 16, 2022	Winter	—	—	—	—	—	Severe	● 65%
Dec 13, 2022	Hail	0.18"	0.22"	—	1.9 mi	11 min	Severe	● 83%
Dec 13, 2022	Wind	41 mph	—	—	10.0 mi	—	Marginal	● 75%
Nov 27, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 26, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 25, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Nov 23, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Nov 21, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 20, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 20, 2022	Winter	—	—	—	—	—	Damaging	● 75%
Nov 19, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 18, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 17, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Nov 17, 2022	Winter	—	—	—	—	—	Severe	● 65%
Nov 16, 2022	Winter	—	—	—	—	—	Severe	● 65%
Nov 13, 2022	Winter	—	—	—	—	—	Severe	● 65%
Nov 04, 2022	Wind	31 mph	—	—	10.1 mi	—	Marginal	● 65%
Nov 03, 2022	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Oct 27, 2022	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Oct 24, 2022	Flood	1.4" rain	—	—	—	—	—	● 70%
Oct 23, 2022	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Sep 25, 2022	Wind	19 mph	—	—	10.0 mi	—	Marginal	● 65%
Sep 05, 2022	Hail	0.84"	1.08"	—	4.6 mi	24 min	Marginal	● 83%
Sep 04, 2022	Hail	1.17"	1.50"	—	4.6 mi	56 min	Severe	● 95%
Sep 04, 2022	Wind	44 mph	—	—	10.0 mi	—	Marginal	● 85%
Sep 03, 2022	Flood	0.0" rain	—	—	—	—	Damaging	● 80%
Aug 20, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Aug 18, 2022	Flood	1.2" rain	—	—	—	—	—	● 70%
Jun 04, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 03, 2022	Flood	0.0" rain	—	—	—	—	—	● 95%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jun 02, 2022	Wind	23 mph	—	—	10.0 mi	—	Marginal	75%
May 31, 2022	Flood	0.0" rain	—	—	—	—	Catastrophic	95%
May 30, 2022	Flood	0.0" rain	—	—	—	—	Catastrophic	95%
May 23, 2022	Flood	0.0" rain	—	—	—	—	Damaging	80%
May 03, 2022	Flood	1.3" rain	—	—	—	—	—	70%
Apr 05, 2022	Flood	0.0" rain	—	—	—	—	—	95%
Apr 03, 2022	Flood	0.0" rain	—	—	—	—	—	95%
Mar 23, 2022	Winter	Winter Storm	—	—	—	—	—	85%
Mar 22, 2022	Winter	Winter Storm	—	—	—	—	—	85%
Mar 21, 2022	Wind	35 mph	—	—	10.0 mi	—	Marginal	75%
Mar 21, 2022	Winter	Winter Storm	—	—	—	—	—	85%
Mar 20, 2022	Flood	0.0" rain	—	—	—	—	Damaging	80%
Mar 17, 2022	Hail	0.22"	0.28"	—	1.9 mi	5 min	Marginal	60%
Mar 12, 2022	Winter	Winter Weather	—	—	—	—	Damaging	95%
Mar 11, 2022	Winter	Winter Weather	—	—	—	—	—	85%
Mar 10, 2022	Winter	Winter Weather	—	—	—	—	—	85%
Mar 09, 2022	Winter	—	—	—	—	—	Damaging	75%
Mar 08, 2022	Winter	—	—	—	—	—	Severe	65%
Feb 28, 2022	Winter	—	—	—	—	—	Damaging	75%
Feb 27, 2022	Winter	—	—	—	—	—	Severe	65%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Feb 26, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 25, 2022	Winter	Winter Storm	—	—	—	—	Damaging	● 95%
Feb 24, 2022	Winter	Winter Storm	—	—	—	—	Damaging	● 95%
Feb 23, 2022	Winter	Winter Storm	—	—	—	—	Damaging	● 95%
Feb 22, 2022	Winter	Winter Storm	—	—	—	—	—	● 85%
Feb 19, 2022	Winter	—	—	—	—	—	Damaging	● 75%
Feb 18, 2022	Winter	—	—	—	—	—	Damaging	● 75%
Feb 14, 2022	Winter	—	—	—	—	—	Severe	● 65%
Feb 13, 2022	Winter	Winter Weather	—	—	—	—	Damaging	● 95%
Feb 12, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 11, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 10, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Feb 08, 2022	Winter	—	—	—	—	—	Severe	● 65%
Feb 07, 2022	Winter	Cold/Wind Chill	—	—	—	—	—	● 85%
Feb 06, 2022	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Feb 05, 2022	Winter	Ice Storm	—	—	—	—	Damaging	● 100%
Feb 03, 2022	Winter	Ice Storm	—	—	—	—	Destructive	● 100%
Feb 02, 2022	Winter	Ice Storm	—	—	—	—	—	● 90%
Feb 01, 2022	Winter	3.0" snow	—	—	—	—	—	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 31, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 30, 2022	Winter	—	—	—	—	—	Severe	● 65%
Jan 29, 2022	Winter	—	—	—	—	—	Damaging	● 75%
Jan 27, 2022	Winter	Winter Storm	—	—	—	—	—	● 85%
Jan 26, 2022	Winter	Winter Storm	—	—	—	—	Damaging	● 95%
Jan 25, 2022	Winter	Winter Storm	—	—	—	—	—	● 85%
Jan 24, 2022	Winter	Winter Storm	—	—	—	—	—	● 85%
Jan 23, 2022	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 22, 2022	Winter	Cold/Wind Chill	—	—	—	—	Destructive	● 100%
Jan 21, 2022	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 20, 2022	Winter	Cold/Wind Chill	—	—	—	—	Damaging	● 95%
Jan 19, 2022	Winter	Cold/Wind Chill	—	—	—	—	—	● 85%
Jan 18, 2022	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 17, 2022	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Jan 16, 2022	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Jan 15, 2022	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Jan 14, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Jan 12, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 11, 2022	Winter	Winter Weather	—	—	—	—	Damaging	● 95%
Jan 10, 2022	Winter	Winter Weather	—	—	—	—	Severe	● 85%
Jan 07, 2022	Winter	—	—	—	—	—	Destructive	● 80%
Jan 04, 2022	Winter	Frost/Freeze	—	—	—	—	Severe	● 85%
Jan 03, 2022	Winter	Frost/Freeze	—	—	—	—	Damaging	● 95%
Jan 02, 2022	Winter	Frost/Freeze	—	—	—	—	Destructive	● 100%
Jan 01, 2022	Winter	Winter Weather	—	—	—	—	—	● 85%
Dec 12, 2021	Winter	—	—	—	—	—	Damaging	● 75%
Nov 26, 2021	Winter	—	—	—	—	—	Severe	● 65%
Oct 10, 2021	Wind	32 mph	—	—	7.7 mi	—	Marginal	● 80%
Sep 13, 2021	Hurricane	Category 1 Hurricane	—	—	—	—	Damaging	● 65%
Aug 17, 2021	Flood	1.4" rain	—	—	—	—	—	● 70%
Jun 12, 2021	Flood	1.0" rain	—	—	—	—	—	● 70%
Jun 07, 2021	Flood	0.0" rain	—	—	—	—	—	● 95%
Jun 06, 2021	Flood	0.0" rain	—	—	—	—	Catastrophic	● 95%
Jun 04, 2021	Flood	0.0" rain	—	—	—	—	Catastrophic	● 95%
Jun 01, 2021	Flood	0.0" rain	—	—	—	—	—	● 95%
May 31, 2021	Flood	0.4" rain	—	—	—	—	—	● 95%
May 30, 2021	Flood	0.0" rain	—	—	—	—	—	● 95%
Apr 23, 2021	Hail	1.06"	1.36"	—	4.8 mi	37 min	Severe	● 100%
Apr 22, 2021	Flood	0.0" rain	—	—	—	—	Damaging	● 80%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Mar 22, 2021	Wind	50 mph	—	—	5.7 mi	—	Marginal	75%
Mar 18, 2021	Winter	Winter Storm	—	—	—	—	—	85%
Mar 17, 2021	Winter	Winter Storm	—	—	—	—	—	85%
Mar 16, 2021	Winter	Winter Storm	—	—	—	—	—	85%
Feb 22, 2021	Winter	—	—	—	—	—	Severe	65%
Feb 21, 2021	Winter	Frost/Freeze	—	—	—	—	—	85%
Feb 19, 2021	Winter	Winter Storm	—	—	—	—	Destructive	100%
Feb 18, 2021	Winter	Ice Storm	—	—	—	—	Damaging	100%
Feb 16, 2021	Winter	Ice Storm	—	—	—	—	Catastrophic	100%
Feb 15, 2021	Winter	Ice Storm	—	—	—	—	Catastrophic	100%
Feb 14, 2021	Winter	Ice Storm	—	—	—	—	Destructive	100%
Feb 13, 2021	Winter	Ice Storm	—	—	—	—	Destructive	100%
Feb 12, 2021	Winter	Ice Storm	—	—	—	—	Damaging	100%
Feb 11, 2021	Winter	Ice Storm	—	—	—	—	Damaging	100%
Feb 10, 2021	Winter	Ice Storm	—	—	—	—	Severe	90%
Feb 09, 2021	Winter	Winter Weather	—	—	—	—	Severe	85%
Feb 08, 2021	Winter	Winter Weather	—	—	—	—	—	85%
Feb 07, 2021	Winter	Winter Weather	—	—	—	—	Severe	85%
Jan 28, 2021	Winter	—	—	—	—	—	Damaging	75%
Jan 18, 2021	Winter	—	—	—	—	—	Severe	65%

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jan 17, 2021	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 16, 2021	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 15, 2021	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 14, 2021	Winter	Frost/Freeze	—	—	—	—	—	● 85%
Jan 13, 2021	Winter	Frost/Freeze	—	—	—	—	Damaging	● 95%
Jan 12, 2021	Winter	Heavy Snow	—	—	—	—	Damaging	● 100%
Jan 11, 2021	Winter	Heavy Snow	—	—	—	—	Severe	● 90%
Jan 10, 2021	Winter	Heavy Snow	—	—	—	—	—	● 90%
Jan 09, 2021	Winter	Heavy Snow	—	—	—	—	Damaging	● 100%
Jan 05, 2021	Winter	—	—	—	—	—	Severe	● 65%
Jan 02, 2021	Winter	5.0" snow	—	—	—	—	—	● 90%
Jan 01, 2021	Winter	5.0" snow	—	—	—	—	—	● 90%

DISTANT · MORE THAN 5 MI FROM THE PARCEL · shown because the on-screen distance filter was widened

7 events

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jun 02, 2024	Hail	0.75"	1.04"	—	9.3 mi	32 min	Severe	● 93%
Sep 24, 2023	Hail	1.76"	2.25"	—	6.6 mi	51 min	Damaging	● 100%
Jun 11, 2023	Hail	1.10"	1.53"	—	7.8 mi	45 min	Damaging	● 93%
May 19, 2023	Hail	3.12"	4.00"	—	7.8 mi	41 min	Destructive	● 100%
Mar 16, 2023	Tornado	EF1	—	—	19.0 mi	—	Moderate	● 50%
Mar 21, 2022	Tornado	EF0	—	—	10.7 mi	—	Moderate	● 50%
Mar 17, 2021	Wind	61 mph	—	—	10.2 mi	—	Severe	● 75%

RADAR TORNADO SIGNATURES · UNCONFIRMED · no NWS damage survey (EFU) — never treated as a property impact

49 events

Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
May 10, 2026	Tornado	EFU	—	—	18.0 mi	—	—	● 55%
Apr 27, 2026	Tornado	EFU	—	—	14.6 mi	—	—	● 70%
Apr 18, 2026	Tornado	EFU	—	—	9.9 mi	—	—	● 70%
Mar 04, 2026	Tornado	EFU	—	—	18.2 mi	—	—	● 55%
Aug 28, 2025	Tornado	EFU	—	—	18.2 mi	—	—	● 55%
Jun 08, 2025	Tornado	EFU	—	—	17.7 mi	—	—	● 55%
May 26, 2025	Tornado	EFU	—	—	18.6 mi	—	—	● 70%
May 18, 2025	Tornado	EFU	—	—	18.5 mi	—	—	● 70%
Apr 30, 2025	Tornado	EFU	—	—	17.6 mi	—	—	● 70%
Apr 20, 2025	Tornado	EFU	—	—	13.6 mi	—	—	● 70%
Apr 05, 2025	Tornado	EFU	—	—	17.5 mi	—	—	● 55%
Mar 08, 2025	Tornado	EFU	—	—	4.2 mi	—	—	● 80%
Feb 11, 2025	Tornado	EFU	—	—	8.3 mi	—	—	● 70%
Sep 25, 2024	Tornado	EFU	—	—	18.5 mi	—	—	● 70%
Jun 05, 2024	Tornado	EFU	—	—	18.3 mi	—	—	● 70%
May 28, 2024	Tornado	EFU	—	—	16.6 mi	—	—	● 80%
May 26, 2024	Tornado	EFU	—	—	8.6 mi	—	—	● 80%
May 25, 2024	Tornado	EFU	—	—	17.9 mi	—	—	● 55%
May 08, 2024	Tornado	EFU	—	—	4.3 mi	—	—	● 80%
Apr 09, 2024	Tornado	EFU	—	—	15.3 mi	—	—	● 80%
Oct 04, 2023	Tornado	EFU	—	—	17.2 mi	—	—	● 70%
Sep 24, 2023	Tornado	EFU	—	—	16.7 mi	—	—	● 70%
Sep 09, 2023	Tornado	EFU	—	—	18.1 mi	—	—	● 55%
Sep 08, 2023	Tornado	EFU	—	—	8.6 mi	—	—	● 80%
Jul 10, 2023	Tornado	EFU	—	—	2.5 mi	—	—	● 80%

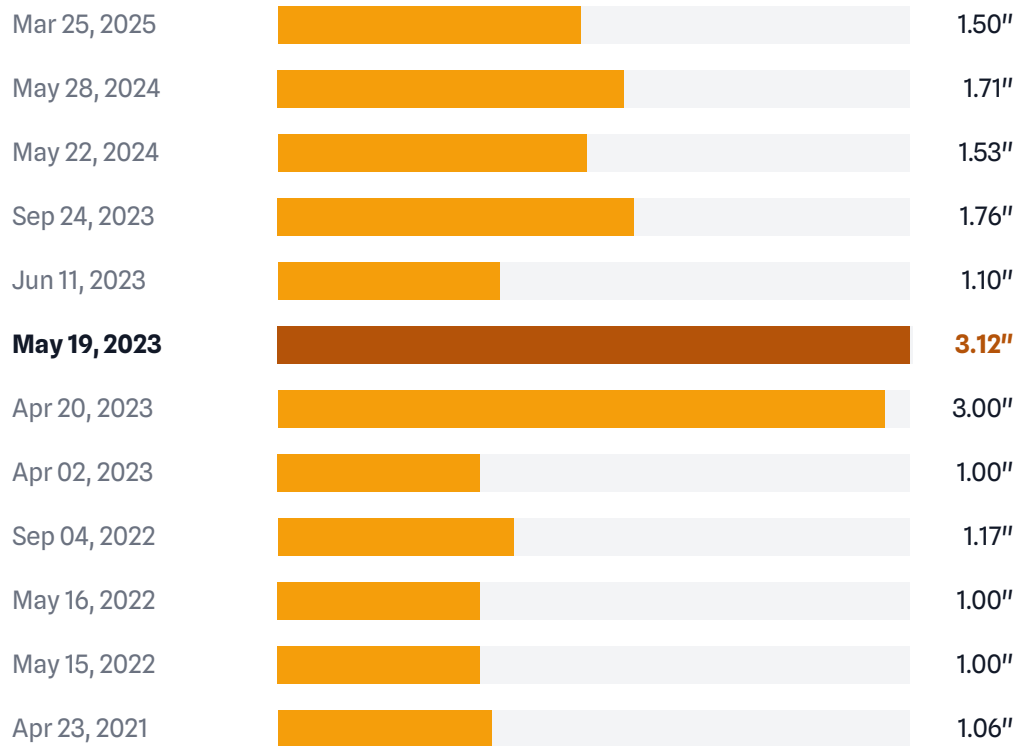
Date	Type	Magnitude		At Property (5 Miles)		Storm Duration	Severity	Confidence
		At Property (Est)	MESH	Duration	Distance			
Jun 23, 2023	Tornado	EFU	—	—	17.2 mi	—	—	● 55%
Jun 16, 2023	Tornado	EFU	—	—	17.7 mi	—	—	● 70%
Jun 15, 2023	Tornado	EFU	—	—	16.8 mi	—	—	● 70%
Jun 11, 2023	Tornado	EFU	—	—	14.6 mi	—	—	● 70%
Mar 31, 2023	Tornado	EFU	—	—	12.3 mi	—	—	● 70%
Mar 02, 2023	Tornado	EFU	—	—	18.0 mi	—	—	● 55%
Mar 01, 2023	Tornado	EFU	—	—	17.3 mi	—	—	● 70%
Jan 24, 2023	Tornado	EFU	—	—	11.1 mi	—	—	● 70%
Dec 13, 2022	Tornado	EFU	—	—	16.0 mi	—	—	● 55%
Nov 04, 2022	Tornado	EFU	—	—	13.4 mi	—	—	● 70%
Oct 28, 2022	Tornado	EFU	—	—	15.1 mi	—	—	● 70%
Jun 02, 2022	Tornado	EFU	—	—	16.8 mi	—	—	● 70%
May 15, 2022	Tornado	EFU	—	—	17.0 mi	—	—	● 55%
Apr 25, 2022	Tornado	EFU	—	—	15.5 mi	—	—	● 70%
Apr 24, 2022	Tornado	EFU	—	—	18.1 mi	—	—	● 55%
Apr 04, 2022	Tornado	EFU	—	—	18.6 mi	—	—	● 70%
Mar 14, 2022	Tornado	EFU	—	—	12.8 mi	—	—	● 70%
Feb 22, 2022	Tornado	EFU	—	—	18.1 mi	—	—	● 70%
Jan 01, 2022	Tornado	EFU	—	—	17.8 mi	—	—	● 70%
May 28, 2021	Tornado	EFU	—	—	17.4 mi	—	—	● 55%
Apr 24, 2021	Tornado	EFU	—	—	3.5 mi	—	—	● 80%
Apr 23, 2021	Tornado	EFU	—	—	9.0 mi	—	—	● 70%
Mar 17, 2021	Tornado	EFU	—	—	4.6 mi	—	—	● 80%
Mar 01, 2021	Tornado	EFU	—	—	14.7 mi	—	—	● 70%

Within each band, newest first. "At Property (Est)" is the calibrated radar estimate and MESH the raw radar value; "Ground Confirmed" shows NCEI/SPC reports verified within 5 mi of the property. Impact events are on page 1; bands follow the page-1 impact rules (Methodology & Sources).

PER-STORM-DAY HAIL SIZE

Hail Size by Storm Day

Bar length is proportional to the hail size at the property — our calibrated radar estimate, or the ground-confirmed size where a confirmed report governs. The largest event in the analysis period is marked.



Bar length proportional to the governing hail size (calibrated estimate, or ground-confirmed where available). Dark amber = largest.

SEVERITY TIERS (NWS CONVENTION)

Severe

>= 1.0" - NWS severe criterion

Damaging

>= 1.5"

Destructive

>= 2.5"

Catastrophic

>= 4.0"

Marginal

0.75 - 0.99"

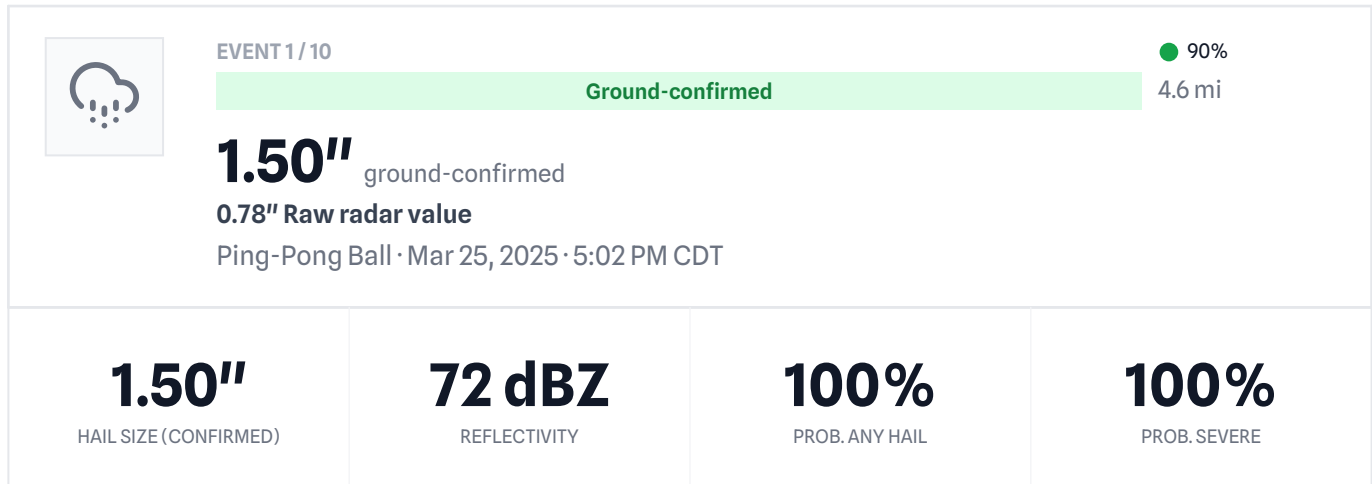
Significant

Tornado EF2+

EVENT DETAIL

Event Details

Top 10 hail events · newest first



EVENT DETAIL

Calibrated estimate	0.61"
Raw radar value	0.78"
Ground report (NWS)	1.50"
Confidence	High (90%)
Radar station	KFWS
Data source	swdi+ncei
Storm motion	Toward ENE (59°)
Distance	4.6 mi
Signatures	61
Radar VIL	5 kg/m ²
Largest hail nearby (~2 km)	0.78" raw MESH
Hail kinetic energy	2.4 J/m ² · elevated impact energy

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

Inspect **West (toward south) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.00" hail (NWS-reported) · Collin County, Texas

"Amateur radio operator reported quarter sized hail at UT Dallas."



EVENT 2 / 10

93%

Ground-confirmed

2.2 mi

1.71" est. surface

2.19" Raw radar value

Ping-Pong Ball · May 28, 2024 · 5:08 AM CDT

1.71"

HAIL SIZE (EST.)

69 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.71"
Raw radar value	2.19"
Confidence	High (93%)
Radar station	KFWS
Data source	swdi, swdi+ncei
Storm motion	Toward SE (130°)
Distance	2.2 mi
Signatures	38
Radar VIL	3 kg/m ²
Largest hail nearby (~2 km)	2.19" raw MESH
Hail kinetic energy	21.5 J/m ² · elevated impact energy

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

Inspect Northwest side first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.25" hail (NWS-reported) · Dallas County, Texas

"Reported via mPing."

TORNADO (same date) — 0 confirmed, 19 radar-only

EFU — nearest track ~17 mi from this address

Inspection trigger: Met — any tornado (EF0+)

Time (UTC)	EF Rating	Source	Confidence
2024-05-28T10:22:14Z	EFU	SPC LSR	55%
2024-05-28T10:22:14Z	EFU	SPC LSR	55%

2024-05-28T10:22:14Z	EFU	SPC LSR	55%
(16 more tornado events not shown)			



EVENT 3 / 10

Radar-detected

100%

3.8 mi

1.53" est. surface**1.96"** Raw radar value

Ping-Pong Ball · May 22, 2024 · 12:43 PM CDT

1.53"

HAIL SIZE (EST.)

69 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.53"
Raw radar value	1.96"
Confidence	High (100%)
Radar station	KFWS
Data source	swdi+ncai
Storm motion	Toward E (87°)
Distance	3.8 mi
Signatures	32
Radar VIL	27 kg/m²
Largest hail nearby (~2 km)	1.96" raw MESH
Hail kinetic energy	203.2 J/m² · elevated impact energy

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

● Inspect **West side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.25" hail (NWS-reported) · Collin County, Texas

"Amateur radio reporting 1.25 inch hail on Coit and Legacy."

SPC LOCAL STORM REPORT — SPOTTER

1.25 in hail coit and legacy. (FWD)

2 NW Plano · Collin County



EVENT 4 / 10

Radar-detected

● 100%

6.6 mi

1.76" est. surface**2.25"** Raw radar value

Golf Ball · Sep 24, 2023 · 6:07 PM CDT

1.76"

HAIL SIZE (EST.)

69 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.76"
Raw radar value	2.25"
Confidence	High (100%)
Radar station	KFWS
Data source	swdi, swdi+neci
Storm motion	Toward ENE (78°)
Distance	6.6 mi
Signatures	18
Radar VIL	50 kg/m²



Inspect **West (toward south) side** first — storm approached from there.

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

NWS STORM EVENTS — OFFICIAL RECORD

1.75" hail (NWS-reported) · Dallas County, Texas

"Severe storms developed along a front moving through the region as an upper level disturbance provided the necessary lift. Large hail up to baseball sized was reported along with several instances of wind damage."

SPC LOCAL STORM REPORT — SPOTTER

(FWD)

1 ESE Buckingham · Dallas County



EVENT 5 / 10

93%

Radar-detected

7.8 mi

1.10" est. surface**1.53"** Raw radar value

Quarter · Jun 11, 2023 · 6:40 PM CDT

1.10"

HAIL SIZE (EST.)

69 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.10"
Raw radar value	1.53"
Confidence	High (93%)
Radar station	KFWS
Data source	swdi+ncai
Storm motion	Toward ENE (77°)
Distance	7.8 mi
Signatures	61
Radar VIL	12 kg/m²
Largest hail nearby (~2 km)	1.53" raw MESH

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		MEDIUM
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		MEDIUM
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

- Inspect **West (toward south) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.50" hail (NWS-reported) · Denton County, Texas

"A pre-frontal trough (in advance of a cold front in Oklahoma) provided a focus for strong to severe thunderstorm development as it pushed south into a hot and unstable airmass the afternoon and evening of Sunday June 11. Large hail up to baseball size was reported with many of the storms in North Texas. However, hai..."



EVENT 6 / 10

Largest

Radar-detected

100%

7.8 mi

3.12" est. surface**4.00"** Raw radar value

Tea Cup · May 19, 2023 · 2:57 PM CDT

3.12"

HAIL SIZE (EST.)

76 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	3.12"
Raw radar value	4.00"
Confidence	High (100%)
Radar station	KFWS
Data source	swdi, swdi+neci
Storm motion	Toward ENE (74°)
Distance	7.8 mi
Signatures	37
Radar VIL	57 kg/m²

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

● Inspect **West (toward south) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

2.00" hail (NWS-reported) · Collin County, Texas

"Two inch hail was reported by a trained spotter at 3865 Preston Road in South Frisco."

SPC LOCAL STORM REPORT — SPOTTER

DELAYED REPORT - 2 INCH HAIL REPORTED AT 3865 PRESTON RD IN SOUTH FRISCO BY TRAINED SPOTTER. (FWD)

2 S FRISCO · Collin County



EVENT 7 / 10

● 100%

Ground-confirmed

1.5 mi

3.00" ground-confirmed

Tea Cup · Apr 20, 2023 · 2:25 PM CDT

3.00"

HAIL SIZE (CONFIRMED)

72 dBZ

REFLECTIVITY

95%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.75"
Raw radar value	—
Ground report (SPC)	3.00"
Confidence	High (100%)
Radar station	KFWS
Data source	spc, swdi+neci
Storm motion	Toward NNW (342°)
Distance	1.5 mi
Signatures	13



Inspect **South (toward east) side** first — storm approached from there.

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		HIGH
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		HIGH
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

NWS STORM EVENTS — OFFICIAL RECORD

3.00" hail (NWS-reported) · Collin County, Texas

"A public report indicated 3-inch diameter hail about a mile south-southeast of Plano, TX."

SPC LOCAL STORM REPORT — SPOTTER

REPORT FROM MPING: TEA CUP (3.00 IN.) ALSO RECEIVED SOCIAL MEDIA PHOTO OF A SPIKEY 3 INCH HAILSTONE MEASURED FROM SAME LOCATION. (FWD)

1 SSE PLANO · Collin County



EVENT 8 / 10

90%

Ground-confirmed

4.7 mi

1.00" ground-confirmed**0.14"** Raw radar value

Quarter · Apr 02, 2023 · 4:01 PM CDT

1.00"

HAIL SIZE (CONFIRMED)

70 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

70%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	0.11"
Raw radar value	0.14"
Ground report (NWS)	1.00"
Confidence	High (90%)
Radar station	KFWS
Data source	swdi, swdi+neci
Storm motion	Toward ENE (64°)
Distance	4.7 mi
Signatures	16
Radar VIL	15 kg/m²
Largest hail nearby (~2 km)	0.14" raw MESH

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		MEDIUM
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		MEDIUM
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

- Inspect **West (toward south) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.00" hail (NWS-reported) · Dallas County, Texas

"A public report indicated quarter sized hail in Addison."

SPC LOCAL STORM REPORT — SPOTTER

QUARTER-SIZE HAIL IN ADDISON. (FWD)

1 SW ADDISON · Dallas County



EVENT 9 / 10

95%

Ground-confirmed

4.6 mi

1.17" est. surface**1.50"** Raw radar value

Quarter · Sep 04, 2022 · 1:58 PM CDT

1.17"

HAIL SIZE (EST.)

68 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate **1.17"**Raw radar value **1.50"**Confidence **High (95%)**Radar station **KFWS**Data source **swdi, swdi+neci**Storm motion **Toward SSE (157°)**Distance **4.6 mi**Signatures **35**Radar VIL **34 kg/m²**

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00") **HIGH**Metal roof / flashing (onset >= 1.25") **MEDIUM**Gutters & downspouts (onset >= 1.00") **HIGH**Window screens (onset >= 0.75") **HIGH**Siding (onset >= 1.50") **MEDIUM**Vehicles (onset >= 1.00") **HIGH**

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

Inspect **North (toward west) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

1.25" hail (NWS-reported) · Dallas County, Texas

"A trained spotter reported half dollar sized hail 3 miles east-southeast of Sachse, TX."

SPC LOCAL STORM REPORT — SPOTTER

REPORT FROM MPING: QUARTER (1.00 IN.). (FWD)

2 E UNIVERSITY PARK · Dallas County

WIND (same date) — 6 confirmed, 0 radar-only

Peak gust at this address: 44 mph measured (nearest station 10 mi); 50 mph reported nearby

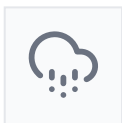
Inspection trigger: Not met

Time (UTC)	Reported gust	From	Source	Confidence
2022-09-04T19:45:00+00:00	50 mph	NE	IEM observation	75%

2022-09-04T19:56:00+00:00	50 mph	NE	IEM observation	85%
2022-09-04T20:12:00+00:00	50 mph	NE	IEM observation	85%

Reported gust = maximum across SPC storm report / NCEI / nearest IEM station. "Peak gust at this address" (above) leads with the nearest measured station; the reported value reflects the damage-producing gust at the report location, which may be miles away. "From" = measured wind direction.

(3 more wind events not shown)



EVENT 10 / 10

100%

Ground-confirmed

4.8 mi

1.06" est. surface**1.36"** Raw radar value

Quarter · Apr 23, 2021 · 2:22 PM CDT

1.06"

HAIL SIZE (EST.)

71 dBZ

REFLECTIVITY

100%

PROB. ANY HAIL

100%

PROB. SEVERE

EVENT DETAIL

Calibrated estimate	1.06"
Raw radar value	1.36"
Confidence	High (100%)
Radar station	KFWS
Data source	swdi+neci
Storm motion	Toward ENE (69°)
Distance	4.8 mi
Signatures	10
Radar VIL	47 kg/m²
Largest hail nearby (~2 km)	1.36" raw MESH
Hail kinetic energy	3.4 J/m² · elevated impact energy

INDICATIVE DAMAGE POTENTIAL

Asphalt shingles (onset >= 1.00")		HIGH
Metal roof / flashing (onset >= 1.25")		MEDIUM
Gutters & downspouts (onset >= 1.00")		HIGH
Window screens (onset >= 0.75")		HIGH
Siding (onset >= 1.50")		MEDIUM
Vehicles (onset >= 1.00")		HIGH

Onset thresholds per NSSL hail-size guidance & IBHS impact studies. Indicative only — not a physical inspection.

● Inspect **West (toward south) side** first — storm approached from there.

NWS STORM EVENTS — OFFICIAL RECORD

0.88" hail (NWS-reported) · Dallas County, Texas

"A passing upper trough and frontal system kicked off a round of thunderstorms the evening of April 23rd, some of which produced large hail and damaging wind gusts."

SPC LOCAL STORM REPORT — SPOTTER

GOLF BALL TO HEN EGG SIZED HAIL; MEASURED WITH RULER. (FWD)

MURPHY · Collin County

PER-STORM-DAY WIND

Peak Gust by Storm Day

Bar length is proportional to the day's peak gust at the property — measured station gusts where available, radar-derived otherwise. The strongest day in the analysis period is marked.



Bar length proportional to the day's peak gust. Dark amber = strongest.

WIND EVENTS

Wind Event Details

Top 10 wind days by peak gust · strongest first

61 mph

Mar 17, 2021 · 5:30 AM CDT

Peak gust	61 mph (NCEI Storm Event)
Measured gust	24 mph at KADS
Distance	10.2 mi (zip-centroid)
Wind from	SE (140°)
Inspect this side	Southeast side
Severity	Severe
Confidence	● 75%
Ground confirmed	spc_lsr

BROADCAST VIDEO SHOWS DAMAGE TO MARINA ON LAKE RAY HUBBARD. TIME AND LOCATION APPROXIMATED. (FWD)

52 mph

Jun 07, 2023 · 7:25 PM CDT

Peak gust	52 mph (NCEI Storm Event)
Distance	17.8 mi (zip-centroid)
Severity	Significant
Confidence	● 65%
Ground confirmed	spc_lsr

Delayed report. Social media report of downed tree limbs along Meadow Creek Dr in Irving. time estimated by radar. (FWD)

50 mph

Mar 22, 2021 · 9:58 PM CDT

Peak gust	50 mph (NCEI Storm Event)
Measured gust	23 mph at KADS
Distance	5.7 mi (zip-centroid)
Wind from	SE (140°)

Inspect this side	Southeast side
Severity	Significant
Confidence	75%
Ground confirmed	spc_lsr

TREE BRANCH 6 INCHES IN DIAMETER OF A HEALTHY TREE COMPLETELY SNAPPED. LOCATION IS AT THE INTERSECTION OF PARK BLVD AND AVENUE K IN PLANO. (FWD)

44 mph

Sep 04, 2022 · 2:45 PM CDT

Peak gust	44 mph (IEM observation)
Measured gust	44 mph at KADS
Distance	10.0 mi (zip-centroid)
Wind from	NE (40°)
Inspect this side	Northeast side
Severity	Significant
Confidence	85%
Ground confirmed	spc_lsr

DELAYED REPORT: DAMAGE TO AN APARTMENT COMPLEX NEAR ROYAL LN AND ABRAMS ROAD. STORMS KNOCKED DOWN BRICKS FROM WALLS. (FWD)

41 mph

Dec 13, 2022 · 9:10 AM CST

Peak gust	41 mph (IEM observation)
Measured gust	41 mph at KADS
Distance	10.0 mi (zip-centroid)
Wind from	SW (220°)
Inspect this side	Southwest side
Severity	Significant
Confidence	75%
Ground confirmed	spc_lsr

PHOTO OF DAMAGE AT SHOPPING CENTER IN PLANO. TIME ESTIMATED. (FWD)

35 mph

Mar 21, 2022 · 6:30 PM CDT

Peak gust	35 mph (IEM observation)
Measured gust	35 mph at KADS
Distance	10.0 mi (zip-centroid)
Wind from	SSE (160°)
Inspect this side	South (toward east) side
Severity	Marginal
Confidence	● 75%
Ground confirmed	spc_lsr

MINOR DAMAGE OCCURRED TO THE WOODY BUILDING IN CARROLLTON NEAR I-35E AND BELT LINE. DAMAGE ALSO OCCURRED TO RAILROAD CROSSING GATES NEARBY. TIME ESTIMATED FROM RADAR. (FWD)

32 mph

Mar 16, 2023 · 5:30 PM CDT

Peak gust	32 mph (IEM observation)
Measured gust	32 mph at KADS
Distance	5.3 mi (zip-centroid)
Wind from	NNW (330°)
Inspect this side	North (toward west) side
Severity	Marginal
Confidence	● 85%
Ground confirmed	spc_lsr

CORRECTS PREVIOUS TSTM WND DMG REPORT FROM 1 SSE IRVING. PHOTOS ON SOCIAL MEDIA SHOW AUTOS OF DALLAS IN IRVING SUSTAINED DAMAGE TO THEIR BUILDING AND A CUSTOMERS CAR. (FWD)

32 mph

Oct 10, 2021 · 9:29 PM CDT

Peak gust	32 mph (IEM observation)
Measured gust	32 mph at KADS

Distance	7.7 mi (zip-centroid)
Wind from	S (170°)
Inspect this side	South side
Severity	Marginal
Confidence	● 80%
Ground confirmed	spc_lsr

DELAYED REPORT: DFW AIRPORT ASOS REPORTED 70 MPH WIND GUST AT 9:29 PM. (FWD)

31 mph

Nov 04, 2022 · 4:12 PM CDT

Peak gust	31 mph (IEM observation)
Measured gust	31 mph at KADS
Distance	10.1 mi (zip-centroid)
Wind from	SSW (200°)
Inspect this side	South (toward west) side
Severity	Marginal
Confidence	● 65%
Ground confirmed	spc_lsr

POWER POLES DOWN AT THE INTERSECTION OF 380E AND MAGNOLIA WITH A NEARBY GUST MEASUREMENT OF 54 MPH. (FWD)

30 mph

Mar 02, 2023 · 6:15 PM CST

Peak gust	30 mph (IEM observation)
Measured gust	30 mph at KADS
Distance	10.0 mi (zip-centroid)
Wind from	SSE (160°)
Inspect this side	South (toward east) side
Severity	Marginal
Confidence	● 95%

Ground confirmed	spc_lsr
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PARTIAL BUILDING COLLAPSE AT LITTLE ELM SHOPPING CENTER (W. EL DORADO PARKWAY AND S. PARK DR.). (FWD)

TORNADO EVENTS

Tornado Event Details

10 tornado days · newest first

EFU

May 10, 2026 · 3:35 AM CDT

Distance to track	18.0 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 55%

Inspection recommended.

EFU

Apr 27, 2026 · 7:56 PM CDT

Distance to track	14.6 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

EFU

Apr 18, 2026 · 5:18 AM CDT

Distance to track	9.9 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

EFU

Mar 04, 2026 · 5:36 PM CST

Distance to track	18.2 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 55%

Inspection recommended.

EFU

Aug 28, 2025 · 4:37 PM CDT

Distance to track	18.2 mi
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Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 55%

Inspection recommended.

EFU

Jun 08, 2025 · 9:50 PM CDT

Distance to track	17.7 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 55%

Inspection recommended.

EFU

May 26, 2025 · 1:18 AM CDT

Distance to track	18.6 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

EFU

May 18, 2025 · 9:37 PM CDT

Distance to track	18.5 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

EFU

Apr 30, 2025 · 9:26 AM CDT

Distance to track	17.6 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

EFU

Apr 20, 2025 · 5:03 AM CDT

Distance to track	13.6 mi
Rating note	Radar-detected, unrated/unconfirmed (no NWS damage survey)
Confidence	● 70%

Inspection recommended.

FLOOD EVENTS

Flood Event Details

Top 10 flood days by rainfall · newest first

2.3" rain

Jan 29, 2025 · 2:53 PM CST

Rainfall total	2.3"
Peak hourly rate	0.7"/hr
Flood type	flash
Distance	—
Severity	Damaging
Confidence	● 95%

Law enforcement reported several roads flooded and closed in Garland including Campbell Rd at Water Oak Dr, E. Campbell Rd at Kinnertone Ln, Naaman Rd at E. Brand Rd, Naaman at E. Kingsbridge Dr, Castle Dr at Lost Pines Ln, and Castle Dr at Hickox Rd.

2.1" rain

May 30, 2024 · 2:53 PM CDT

Rainfall total	2.1"
Peak hourly rate	1.1"/hr
Flood type	river
Distance	—
Severity	Damaging
Confidence	● 95%

A trained spotter reported a water rescue near West Parker Rd and Willow Bend Drive, where a kayaker was reportedly hanging onto a tree to escape flood waters.

1.5" rain

Feb 08, 2023 · 12:53 AM CST

Rainfall total	1.5"
Peak hourly rate	0.3"/hr
Flood type	flash
Distance	—

Severity	Catastrophic
Confidence	● 95%
Ground confirmed	ncej_storm_events

Brushy Creek overflowed Interstate 30 near FM 1565 and several cars were stuck in high water. The fast moving water swept one car off the road on the north service road and unfortunately the elderly man drowned.

1.4" rain

May 22, 2024 · 3:53 PM CDT

Rainfall total	1.4"
Peak hourly rate	1.3"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	● 95%

A trained spotter reported several stalled cars due to flooding along portions of Legacy Drive between 121 and 75.

1.4" rain

Oct 24, 2022 · 9:53 PM CDT

Rainfall total	1.4"
Peak hourly rate	1.2"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	● 70%

1.4" rain

Apr 28, 2024 · 3:55 AM CDT

Rainfall total	1.4"
Peak hourly rate	0.9"/hr
Flood type	flash
Distance	—
Severity	—

Confidence	● 95%
Ground confirmed	ncci_storm_events

A public report indicated 10 flooded roads throughout the city of Dallas.

1.4" rain

Aug 17, 2021 · 3:53 PM CDT

Rainfall total	1.4"
Peak hourly rate	1.2"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	● 70%

1.3" rain

May 03, 2022 · 1:53 AM CDT

Rainfall total	1.3"
Peak hourly rate	1.3"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	● 70%

1.2" rain

Nov 04, 2024 · 3:53 PM CST

Rainfall total	1.2"
Peak hourly rate	0.7"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	● 95%

A mPING report indicated streets flooded and multiple vehicles stranded 2 miles north of Love Field.

1.2" rain

Nov 20, 2025 · 3:53 AM CST

Rainfall total	1.2"
Peak hourly rate	0.5"/hr
Flood type	flash
Distance	—
Severity	—
Confidence	95%

A stalled vehicle was reported on the Interstate 30 frontage road near Ridge Rd in Rockwall due to flooding.

WINTER EVENTS

Winter Event Details

Top 10 winter days by ice and snow accumulation · worst first

4.00" ice

Feb 20, 2021 · 5:53 AM CST

Ice accumulation	4.00"
Minimum temperature	21°F
Event type	Winter Storm
Severity	Damaging
Confidence	● 95%
Ground confirmed	ncai_storm_events

A home owner estimated between 1/2 and 3/4 inch of ice on trees and branches in Ingram. There were reports of a significant amount of power poles down across the county due to ice. The area from Mountain Home up through Harper was the hardest hit with widespread tree damage as well.

Inspection recommended.

5.0" snow

Jan 02, 2021 · 3:15 AM CST

Snowfall	5.0"
Minimum temperature	36°F
Event type	Heavy Snow
Severity	—
Confidence	● 90%
Ground confirmed	ncai_storm_events

Public reports of 5-6 inches of snow were received around the county.

5.0" snow

Jan 01, 2021 · 3:35 AM CST

Snowfall	5.0"
Minimum temperature	36°F
Event type	Heavy Snow
Severity	—

Confidence	● 90%
Ground confirmed	ncei_storm_events

Public reports of 5-6 inches of snow were received around the county.

3.0" snow

Feb 01, 2022 · 5:51 AM CST

Snowfall	3.0"
Minimum temperature	55°F
Event type	Winter Storm
Severity	—
Confidence	● 85%
Ground confirmed	ncei_storm_events

The Texas Department of Transportation (via amateur radio) reported half an inch of sleet on roads in Jacksboro. The city also received at least 3 inches of snow.

1.3" snow

Jan 04, 2025 · 2:53 AM CST

Snowfall	1.3"
Minimum temperature	52°F
Event type	Winter Weather
Severity	—
Confidence	● 85%

Light snow fell over the county with accumulations up to an inch. Texline observed 1.3 inches of snow by the morning of the 5th.

0.10" ice · 1.1" snow

Jan 22, 2026 · 5:15 AM CST

Ice accumulation	0.10"
Snowfall	1.1"
Minimum temperature	38°F
Event type	Winter Storm
Severity	—
Confidence	● 85%

Delayed report: A snow/sleet storm total of 3.1 inches was measured by NWS employees at the office. Received 0.1 inches of sleet on 1/23, 1.9 inches of mostly snow on the 24th, and 1.1 inches of snow on the 25th. The total duration of the event is partially estimated via ASOS reports and radar.

1.0" snow

Dec 31, 2025 · 4:55 AM CST

Snowfall	1.0"
Minimum temperature	28°F
Event type	Winter Weather
Severity	Severe
Confidence	● 85%

An NWS employee measured 1 inch of snowfall near Sherwood Park in Odessa. The total time of occurrence is partially estimated by radar.

29°F

Mar 17, 2026 · 12:53 AM CDT

Minimum temperature	29°F
Severity	Severe
Confidence	● 65%

30°F

Feb 05, 2026 · 5:53 AM CST

Minimum temperature	30°F
Severity	Severe
Confidence	● 65%

Cold/Wind Chill

Feb 02, 2026 · 4:53 AM CST

Minimum temperature	30°F
Event type	Cold/Wind Chill
Severity	Severe
Confidence	● 65%

The KVCT ASOS reported wind chills at or below 25 degF for at least 2 hours, which is our local Cold Weather Advisory criteria.

HURRICANE EVENTS

Hurricane Event Details

5 hurricane passes · newest first

Category 1 Hurricane

Sep 13, 2021 · 4:00 PM CDT

Rainfall	0.0"
Distance to track	—
Severity	Damaging
Confidence	65%
Ground confirmed	ncei_storm_events

Hurricane Nicholas produced several hours of strong tropical storm force sustained winds and gusts. Winds briefly exceeded hurricane thresholds at a wind sensor near Matagorda. There were numerous power outages, trees downed and minor to moderate damage to some structures and roofs. There was minor to moderate coastal flooding and beach erosion. The towns of Sargent and Matagorda were especially h

Tropical Storm

Jul 08, 2024 · 2:00 AM CDT

Storm	AL022024
Rainfall	0.0"
Distance to track	—
Severity	Severe
Confidence	85%

Large trees and a wooden fence were blown down in eastern Calhoun County in association with Hurricane Beryl.

Tropical Storm

Jun 18, 2024 · 9:00 PM CDT

Rainfall	0.0"
Distance to track	—
Severity	Severe
Confidence	60%

Periods of sustained winds over tropical storm strength with frequent gusts. For example XSRF Weatherflow site near Surfside.

Tropical Storm

Aug 22, 2023 · 12:00 PM CDT

Rainfall	0.0"
Distance to track	—
Severity	Severe
Confidence	60%
Ground confirmed	ncai_storm_events

The AWOS station at Jim Hogg County Airport in northern Jim Hogg County experienced Tropical Storm-force wind gusts for a period of nearly 2 hours with a measured maximum wind gust of 43 mph at 3:10PM CDT. Pictures from the County Judge of Jim Hogg County shows several downed trees and powerlines in and around the town of Hebbronville.

Sep 03, 2026

Sep 03, 2026 · 4:00 AM CDT

Storm	al052026
Distance to track	5.1 mi
Severity	—
Confidence	0%

HOW THIS REPORT WAS PRODUCED

Methodology & Sources

This report uses NEXRAD Level III hail-detection products (via the NOAA NCEI Severe Weather Data Inventory) and the MRMS Maximum Expected Size of Hail (MESH) algorithm (Witt et al. 1998) to detect and size hail events. Reported hail sizes are MESH algorithm output calibrated to ground-truth observations via a piecewise correction function. Calibration factors range from 0.50 to 0.75 depending on the raw MESH magnitude, with larger raw values receiving more aggressive correction per the established overestimation bias of the algorithm. Raw MESH values, per-event calibration factors, and the calibration version are preserved in the underlying data and available on request for audit purposes. Each detected event includes a confidence score derived from radar signature strength and dual-polarization characteristics.

Event Confirmation: This report follows NOAA NCEI Severe Weather Data Inventory conventions in distinguishing 'confirmed' from 'probable' hail events. Events marked 'confirmed' have ground-truth corroboration from SPC Local Storm Reports, NCEI Storm Events Database, USGS gauge measurements, or NHC tropical-cyclone tracks. Radar-only detections are reported as 'high-confidence' or 'detected' with their underlying algorithmic confidence scores — consistent with NCEI's distinction between probable and confirmed hail occurrences (<https://www.ncei.noaa.gov/products/severe-weather-data-inventory>).

Hail Severity Tiers: Tier names follow NWS conventions. 'Severe' indicates hail at or above the NWS severe-thunderstorm warning criterion ($\geq 1.0''$, revised from $\geq 0.75''$ in NWS's 2010 update). 'Marginal' indicates sub-severe-warning hail ($0.75\text{--}0.99''$) per NWS/SPC convention. 'Damaging' ($\geq 1.5''$), 'destructive' ($\geq 2.5''$), and 'catastrophic' ($\geq 4.0''$) tiers reflect roof-damage attribution research and the NWS 'giant hail' criterion. NCEI Storm Events Database uses the same $\geq 1.0''$ threshold for recording severe-hail events.

MRMS Sample Provenance: MRMS MESH measurements are reported with their provenance. 'Exact grid cell' indicates the algorithm's direct measurement at the property's coordinates. '5x5 neighborhood max' indicates a fallback to the maximum value within ~ 5 sq km when the exact cell had no data (a common condition at coverage edges or under sentinel-mask conditions). The calibrated displayed value follows the priority chain documented in the calibration methodology above.

Hail Reference Objects: Object-size labels follow the NOAA NSSL canonical hail-size educational chart (<https://www.nssl.noaa.gov/education/svrwx101/hail/>). NSSL develops the MRMS MESH algorithm cited above, so its naming chart is the authoritative reference for MESH-derived size labeling. The NOAA Storm Prediction Center hail-size conversion table (<https://www.spc.noaa.gov/misc/tables/hailsize.htm>) is provided as a secondary cross-reference; the two charts agree on all common size tiers, with NSSL using a simpler educational vocabulary (e.g. NSSL omits SPC's Walnut / Hen Egg / Half Dollar intermediate tiers and places Softball at $4.0''$ rather than $5.4''$).

Methodology Version: MESH-v1.2-2026-05

Calibration version: v4-roofcurve-2026-09-03

Impact rules version: impact-v3-2026-09

Data Coverage: BeyondClaim's Texas event archive begins 2021-01-01 (wind and tornado 2021-01-06, hurricane 2021-09-11) and runs to the present. The MRMS radar mosaic archive was audited day by day for that window: no missing days, one partial day (2021-07-19). Absence of a detection is not evidence of absence: same-day NEXRAD products publish 24-48 hours late and NWS storm reports are reviewed for 2-3 months, so the most recent days of any report may still fill in.

Confidence is an additive score over detection source, magnitude, radar signature strength, source agreement and distance; it is not a measure of ground corroboration, which is shown separately as 'NWS report' or 'Radar only'. Label cutoffs are set per peril to the pipeline's stored values: High / Medium at hail 85 / 60, wind 80 / 60, tornado 85 / 65, flood, winter and hurricane 80 / 60; below Medium is Low.

Page-1 impact rules: an event appears on the Property Impact Summary only when the pipeline's severity tier is severe or above, the event is at the property (hail: a radar cell of $1.0''$ or more, or a confirmed report, within 3.1 mi of the parcel; wind: report within 3.1 mi; tornado: NWS-surveyed track within 1.0 mi; flood: measured rain at the property, station within 5 mi; winter: measured ice of $0.25''$ or snow of $6''$ or

more; hurricane: measured wind or rain at the property), and it is either ground-confirmed or a radar-only detection at Medium confidence or better. Radar-only tornado signatures never appear on page 1. The headline is the most recent impact event inside the trailing 18-month filing window; when none qualifies the page says so, and the largest event on record is printed beneath either way. Page 1 lists impact events newest first with the radar estimate and any governing ground report side by side; every other event the search returned is listed in Appendix A, banded by distance.

GLOSSARY

MESH: Maximum Expected Size of Hail — the MRMS radar mosaic's hail-size estimate (Witt et al. 1998), sampled at the property's grid cell.

HDA: NEXRAD Level III Hail Detection Algorithm output (probability of hail / severe hail, maximum size) per storm cell and radar scan.

dBZ: Radar reflectivity in decibels; values above 60 dBZ usually indicate large hail.

VIL: Vertically integrated liquid — column water content used as a hail-core indicator.

TVS: Tornado vortex signature detected by radar. Unrated (EFU) until an NWS damage survey assigns an EF rating.

EFU: Enhanced Fujita 'unknown' — a tornado signature with no surveyed rating. Never treated as a property impact on page 1.

LSR: NWS Local Storm Report — a spotter, emergency-management or measured ground observation relayed through the Storm Prediction Center.

NCEI Storm Events: NOAA's reviewed storm database, published 60-90 days after the event; the reviewed counterpart to an LSR.

Governing size: The hail size the report stands behind: the calibrated radar estimate, or the ground-reported size when a nearby report governs.

SOURCE CITATIONS

NEXRAD Level III (NCEI SWDI): NOAA NCEI Severe Weather Data Inventory (SWDI).
<https://www.ncei.noaa.gov/products/severe-weather-data-inventory>

NCEI Storm Events: NOAA National Centers for Environmental Information, Storm Events Database. <https://www.ncei.noaa.gov>

SPC Local Storm Reports: NOAA Storm Prediction Center, Local Storm Reports. <https://www.spc.noaa.gov/climo/reports>

MRMS MESH Algorithm: Witt, A., M.D. Eilts, G.J. Stumpf, J.T. Johnson, E.D. Mitchell, and K.W. Thomas, 1998: An Enhanced Hail Detection Algorithm for the WSR-88D. *Weather and Forecasting*, 13, 286-303.

VERIFICATION

This report's content hash: 8bbf673907edfeba. To verify authenticity, contact verify@beyondclaim.ai with this hash.

IMPORTANT

Disclaimers

Insurance Documentation: This verification provides meteorological evidence of weather occurrence but does not constitute damage assessment.

Data Sources: Analysis based on NOAA NEXRAD weather radar data. While highly accurate, radar-based detection may not capture every event.

Professional Review: For complex claims or disputed findings, consider consultation with a certified meteorologist.

Contact: For questions about this report or additional analysis, contact support@beyondclaim.ai.

Hail estimate calibrated using roofcurve model v4 (released 2026-09-03)

calibration id: v4-roofcurve-2026-09-03

report rendered: 2026-09-06 03:09 UTC

REPORT SUMMARY

Report Summary & Verification

Prepared for	1520 K Ave, Plano, TX 75074
Analysis period	2021-01-01 To 2026-09-05
Storm days	21 (11 SPC/NCEI confirmed)
Account	sample@beyondclaim.ai
Report ID	hvr_sample
Verification hash	8bbf673907edfeba

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