



Parcel Backstory

Every parcel has a backstory.

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Hazard & Environmental History Report

123 MAPLE STREET, ANYTOWN, TX, 12345

(Compiled September 22, 2026 from federal/state public records.)

Sample report — fictional data. This report uses an invented address and made-up figures for illustration only. It is not a real property, and none of the events, figures, or sources described in this document occurred as shown.

What this document is: a plain-language summary of what public federal/state records show has occurred at or near this address. **What it is not:** a risk score, a prediction of future events, an official regulatory hazard-zone determination (e.g. a FEMA flood zone, which requires a licensed surveyor's Elevation Certificate), or evidence that any nearby regulated site has affected this property. Every figure below is cited to its public source and fetch date, with methodology notes collected in the Notes appendix at the end of this document.

At a Glance



Flood

FEMA Zone X (Area Of Minimal Flood Hazard)
Outside the mapped Special Flood Hazard Area



Wildfire

Outside all mapped historical perimeters
4 distinct fire(s) mapped within 5 mi



Hurricane

4 within 50 mi since 1851
Strongest: Wren (1963), Tropical Storm



Severe Storms

14 tornado, 62 hail, 88 wind report(s) within 10 mi
Strongest tornado: F/EF3 (1998-04-22)



Earthquake

1 within 50 mi (M4.5+) since 1900
Largest: M4.6 (1997)
None M6.0+ within 100 mi



Environmental

1 cleanup-program site(s), 6 hazardous-waste handler(s), 3 leaking tank(s) within 1 mi



Temperature Extremes

238 day(s) $\geq 100^{\circ}\text{F}$, 61 day(s) $\leq 25^{\circ}\text{F}$ on record
Since 1948, nearest station

See the following pages for full detail, sources, and history.

Flood

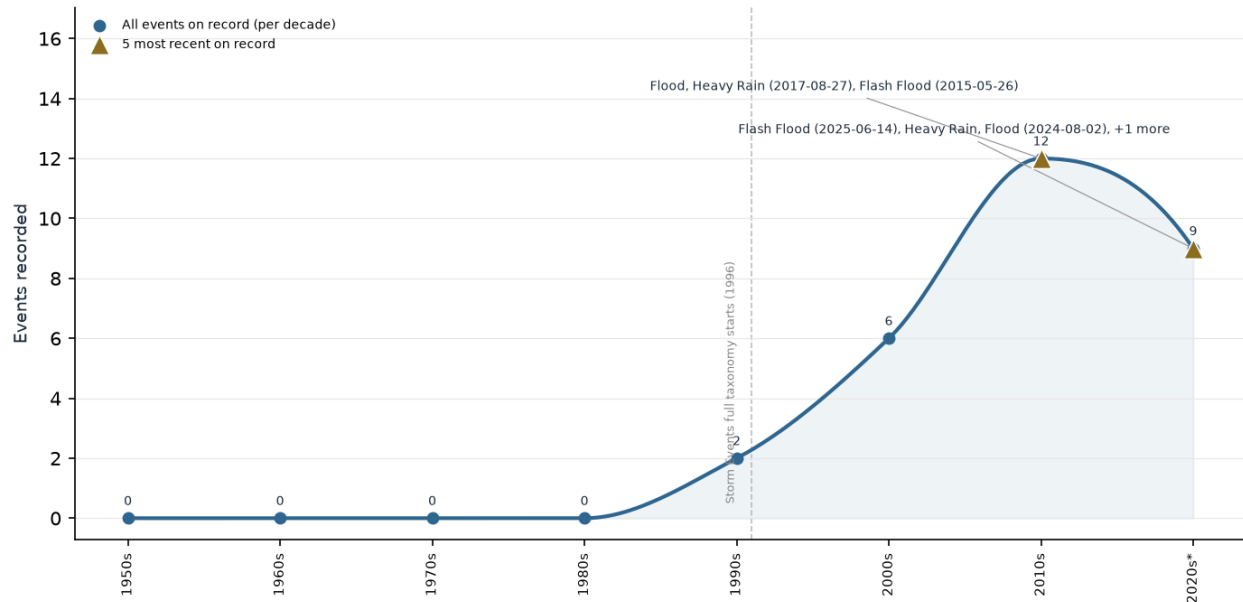
Current flood zone	FEMA Zone X (Area Of Minimal Flood Hazard)
Inside mapped SFHA?	No
County/parish flood-related declarations	6 (most recent: 2024)
NFIP claims in census block group	3 claim(s), \$27,650 total paid (1998–2024) — named events: May 2015 Memorial Day Flood
Heavy rain/flood events (county, since 1950)	14 heavy rain, 11 flash flood, 4 flood

Notes.^[1]

Most Recent (All Sources)

1. **Flash Flood** (2025-06-14, 3 reports)
2. **Heavy Rain, Flood** (2024-08-02, 2 reports)
3. **Flash Flood** (2021-05-19)
4. **Flood, Heavy Rain** (2017-08-27, 4 reports)
5. **Flash Flood** (2015-05-26, 2 reports)

Heavy-rain/flood-related events (county-level), by decade



County-level Storm Events records; full modern event-type list reliable since 1996. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

FEMA

NOAA

Wildfire

Inside a mapped historical fire perimeter?	No
Perimeter(s) on record	None — address is outside all mapped historical perimeters on record
Distinct fires within 5 mi	4

Notes.^[2]

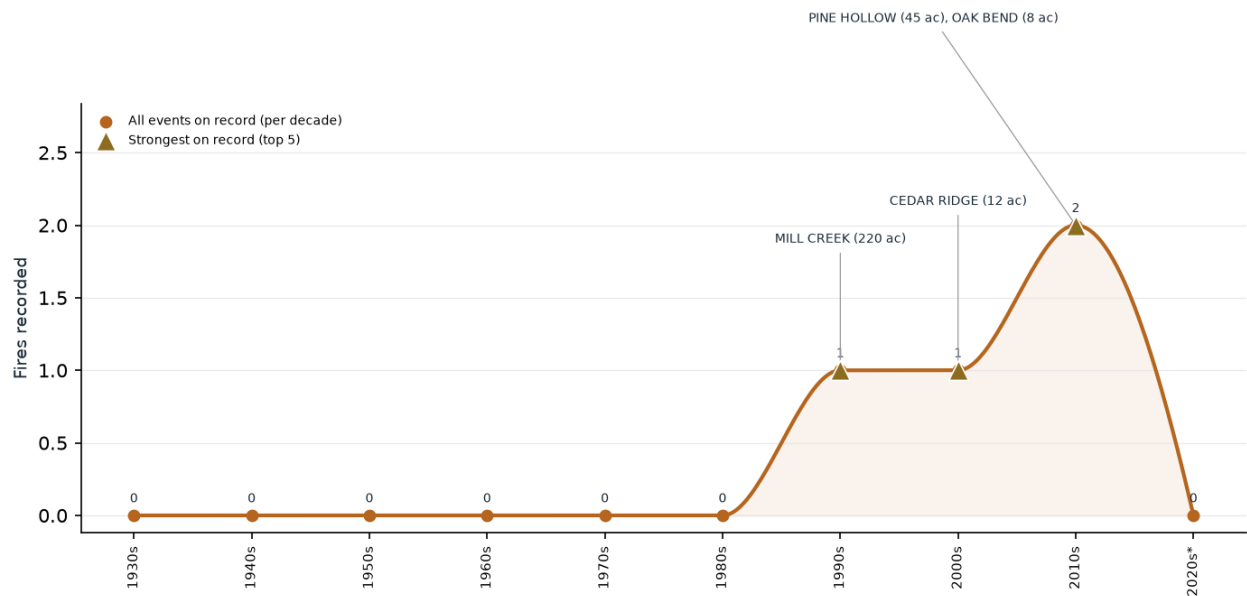
Largest by Acreage (5 mi)

1. MILL CREEK (220 ac — 1998)
2. PINE HOLLOW (45 ac — 2011)
3. CEDAR RIDGE (12 ac — 2003)
4. OAK BEND (8 ac — 2016)

Most Recent (5 mi)

1. OAK BEND (8 ac — 2016)
2. PINE HOLLOW (45 ac — 2011)
3. CEDAR RIDGE (12 ac — 2003)
4. MILL CREEK (220 ac — 1998)

Distinct wildfires mapped within 5 miles, by decade



All distinct mapped fires within 5 mi shown; the 5 largest by acreage are flagged, not filtered to. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

NIFC

Hurricane

Available data range	Since 1851 (NOAA HURDAT2)
Tropical cyclones within 50 mi	4
Most intense storm on record	Wren (1963) — Tropical Storm at closest approach, 22.5 mi away on 1963-09-18, sustained winds 58 mph

Notes.^[3]

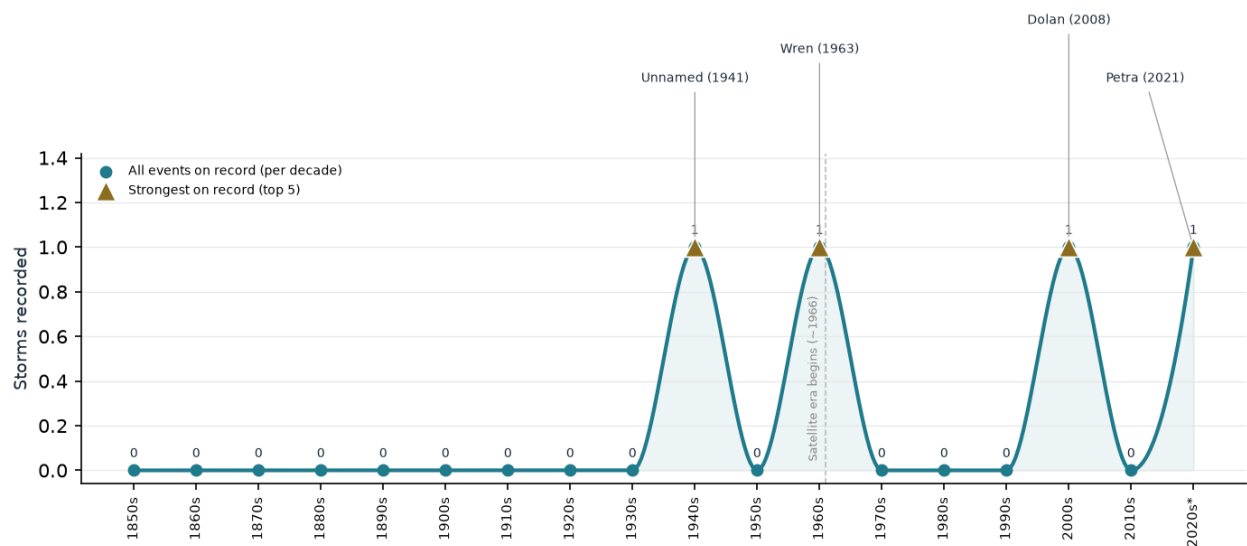
Strongest

1. Wren (1963) — Tropical Storm, 58 mph
2. Dolan (2008) — Tropical Storm, 63 mph
3. Unnamed (1941) — Tropical Storm, 52 mph
4. Petra (2021) — Tropical Depression, 35 mph

Most Recent

1. Petra (2021) — 41.7 mi away
2. Dolan (2008) — 15.1 mi away
3. Wren (1963) — 22.5 mi away
4. Unnamed (1941) — 38.2 mi away

Tropical cyclones within 50 miles, by decade



All tracked storms shown since 1851; the 5 strongest by peak wind are flagged, not filtered to. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

NOAA

⚡ Severe Storms

Search radius	Tornado, hail, wind: 10 mi Winter-storm-type events: county/zone-wide
Available data range	Tornado: since 1950 Hail, wind: since 1955 Winter-storm-type events: since 1950
Tornado tracks	14
Strongest tornado on record	F/EF3 on 1998-04-22
Hail reports	62
Damaging-wind reports	88
County/zone-level winter-storm-type events	4 winter storm, 2 ice storm, 1 heavy snow

Notes.^[4]

Strongest Tornadoes

1. **F/EF3** (1998-04-22, 4.1 mi)
2. **F/EF2** (1983-05-03, 6.7 mi)
3. **F/EF2** (1965-04-11, 8.9 mi)
4. **F/EF1** (2011-04-03, 3.3 mi)
5. **F/EF1** (2020-05-22, 5.5 mi)

Most Recent Tornadoes

1. **F/EF0** (2023-05-16, 2.7 mi)
2. **F/EF1** (2020-05-22, 5.5 mi)
3. **F/EF1** (2011-04-03, 3.3 mi)
4. **F/EF3** (1998-04-22, 4.1 mi)
5. **F/EF2** (1983-05-03, 6.7 mi)

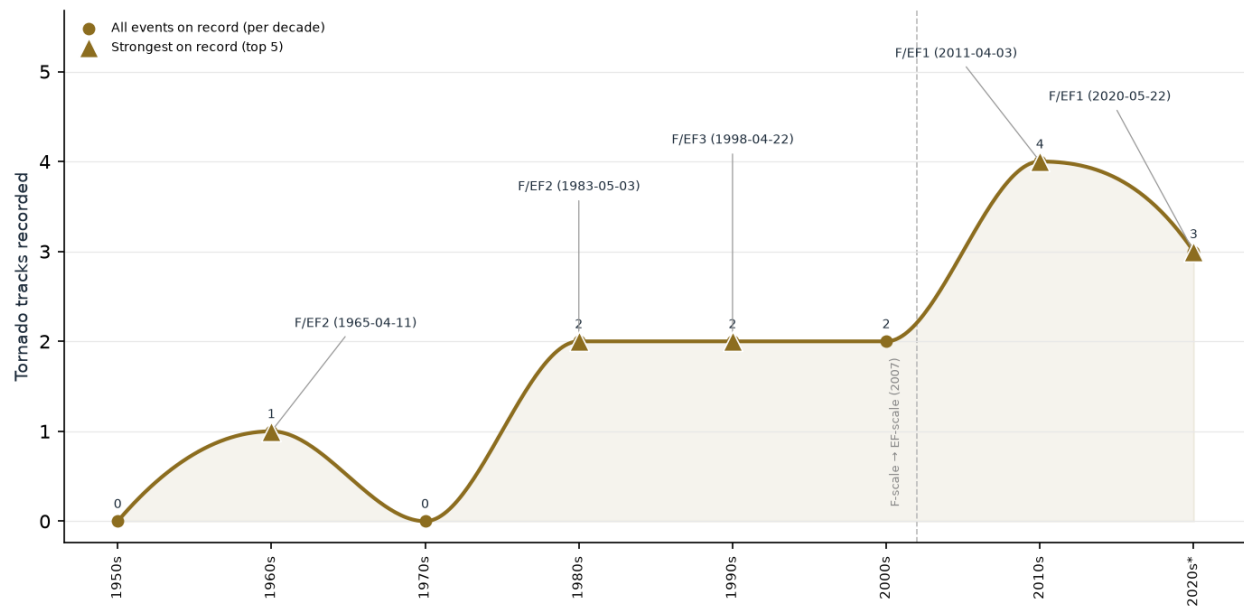
Largest Hail

1. **2.75"** (2016-04-11, 3.6 mi)
2. **2.5"** (2009-03-29, 5.1 mi)
3. **2.25"** (2021-04-28, 2.9 mi)
4. **2.0"** (1994-05-07, 7.2 mi)
5. **1.75"** (2018-05-15, 6.0 mi)

Strongest Wind

1. **70.0 kt** (2003-06-11, 4.4 mi)
2. **65.0 kt** (2015-05-25, 2.2 mi)
3. **60.0 kt** (1991-06-02, 8.1 mi)
4. **58.0 kt** (2022-06-14, 3.9 mi)
5. **55.0 kt** (2007-07-01, 6.6 mi)

Tornado tracks within 10 miles, by decade



All tornado tracks within 10 mi shown; the 5 highest-rated are flagged, not filtered to. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

NWS/SPC

NOAA

Earthquake

Available data range	Since 1900 (USGS catalog)
M3.0+ within 10 mi	1
M4.5+ within 50 mi	1
M6.0+ within 100 mi	0
Largest within 50 mi	M4.6 — 12 mi SW of Example County, TX (1997-08-03)
Largest within 100 mi	None on record

Notes.^[5]

Strongest (50 mi, M4.5+)

- M4.6 — 1997-08-03**
12 mi SW of Example County, TX

Most Recent (10 mi, M3.0+)

- M3.1 — 2022-03-11**
5 km NE of Anytown, TX

No earthquakes of magnitude 6.0 or greater are on record within 100 miles since 1900.

Not enough earthquakes on record within 10 miles to chart a meaningful trend.

USGS

Environmental

Search radius	1 mile
Federal cleanup-program sites	1
Hazardous-waste handlers	6
Leaking storage tanks	3 (1 listed open)
Cleanup-program site: EXAMPLE COUNTY INDUSTRIAL SITE	0.62 mi away — not on EPA's National Priorities List (NPL); EPA's recorded status for this site is "NFRAP-Site does not qualify for the NPL based on existing information"

Notes.^[6]

Closest Hazardous-Waste Handlers

- 1. ANYTOWN AUTO SERVICE CENTER**
0.12 mi — 210 MAPLE ST
- 2. QUICKSTOP FUEL #482**
0.28 mi — 305 MAIN ST
- 3. EXAMPLE COUNTY DRY CLEANERS**
0.35 mi — 118 ELM ST
- 4. RIVERBEND METAL FABRICATION**
0.61 mi — 900 INDUSTRIAL PKWY
- 5. GREENFIELD PRINTING CO**
0.77 mi — 742 COMMERCE DR

Closest Leaking Tanks

- 1. Former Texaco Station**
0.28 mi — No Further Action
- 2. Anytown Municipal Motor Pool**
0.94 mi — No Further Action
- 3. Riverbend Metal Fabrication**
0.61 mi — Under Review

No frequency-by-decade trend is shown for this section: hazardous-waste-handler, leaking-tank, and cleanup-program status reflects current regulatory standing, not a dated sequence of events in the same sense as the other hazard types.

EPA

Temperature Extremes

Days $\geq 100^{\circ}\text{F}$ on record	238
Days $\leq 25^{\circ}\text{F}$ on record	61
Nearest weather station	ANYTOWN MUNI AP, 4.3 mi away (recording since 1948)
NWS advisory data range	County-level, since 1996
Excessive Heat	9
Extreme Cold/Wind Chill	4

Notes.^[7]

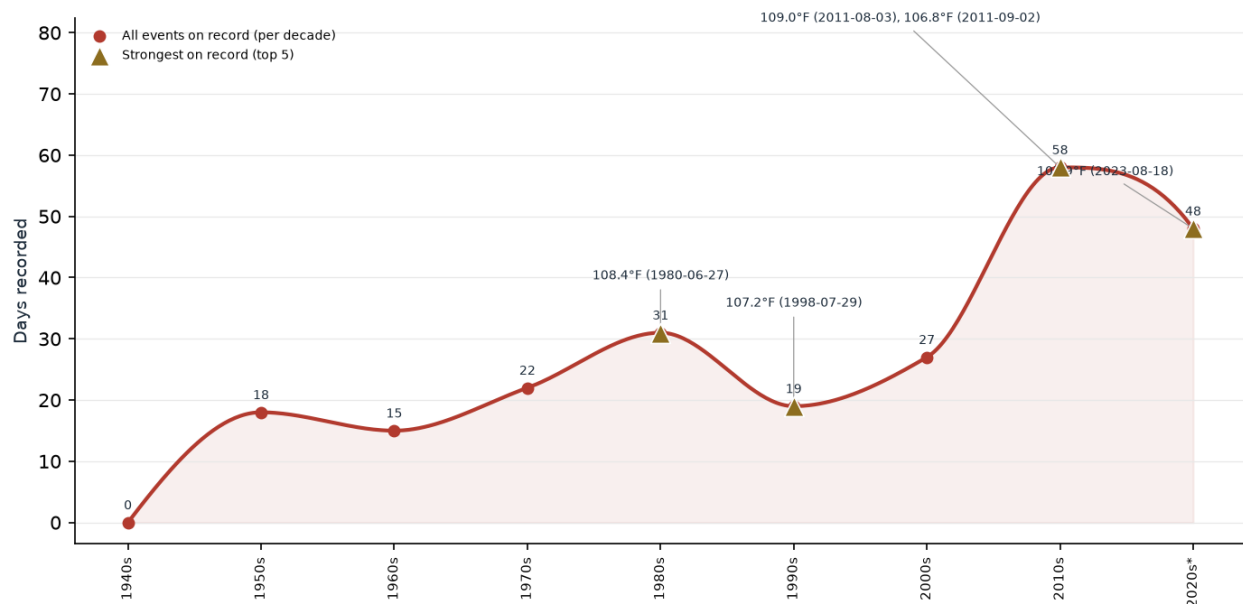
Hottest Days

1. **109.0°F** on 2011-08-03
2. **108.4°F** on 1980-06-27
3. **107.9°F** on 2023-08-18
4. **107.2°F** on 1998-07-29
5. **106.8°F** on 2011-09-02

Coldest Nights

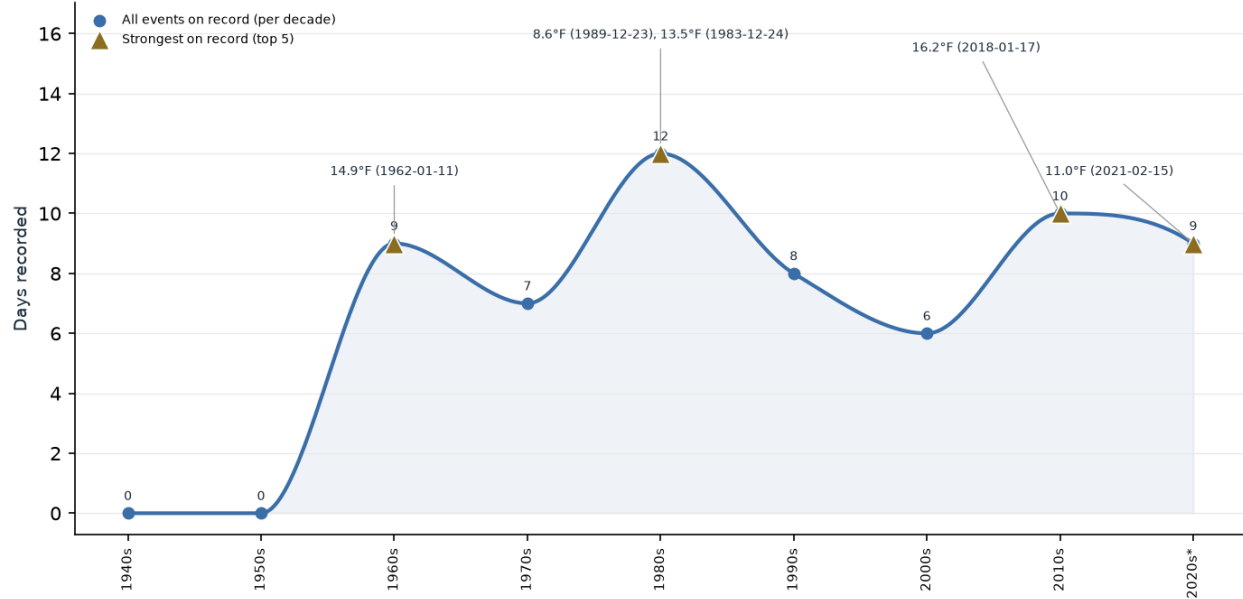
1. **8.6°F** on 1989-12-23
2. **11.0°F** on 2021-02-15
3. **13.5°F** on 1983-12-24
4. **14.9°F** on 1962-01-11
5. **16.2°F** on 2018-01-17

Days $\geq 100^{\circ}\text{F}$, by decade (ANYTOWN MUNI AP)



Real daily station readings, not a forecaster-declared advisory count. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

Days ≤25°F, by decade (ANYTOWN MUNI AP)



Real daily station readings, not a forecaster-declared advisory count. * 2020s decade is only 7 year(s) in so far -- not directly comparable to a completed decade.

NOAA

NWS

Glossary

Plain-English definitions for the technical terms used in this report.

SFHA (Special Flood Hazard Area)

FEMA's term for an area with at least a 1%-per-year chance of flooding on its current maps -- the area where federally-backed mortgages usually require flood insurance.

NFIP

The National Flood Insurance Program -- the federal flood insurance system FEMA administers. Claims data from it is redacted to the census-block-group level for privacy (see the flood section's caveat).

RCRA handler

A facility registered with the EPA to handle regulated hazardous waste under the Resource Conservation and Recovery Act. Registration means the facility is regulated, not that it has caused contamination.

LUST

Leaking Underground Storage Tank -- a state-reported record of a tank (often at a gas station) that leaked fuel or another regulated substance. Most are resolved/closed after cleanup.

NPL (National Priorities List)

EPA's list of the most serious confirmed contaminated sites in the country, eligible for federal Superfund cleanup money. Being SEMS-flagged (see below) does not mean a site is on this list.

SEMS

EPA's Superfund Enterprise Management System -- a broader tracking system for any site EPA has ever looked at under the Superfund program, most of which are NOT on the NPL.

EF-Scale / F-Scale

The Enhanced Fujita Scale (EF0-EF5) rates tornado intensity by the damage it caused. The original Fujita (F) Scale was used before 2007; ratings before and after that year aren't perfectly apples-to-apples.

HURDAT2

NOAA's official historical database of Atlantic and Northeast Pacific hurricane/tropical storm tracks, back to 1851.

GHCN-Daily

NOAA's Global Historical Climatology Network -- Daily: real daily high/low temperature readings from individual weather stations, some with a century or more of history.

NWS forecast zone

A weather-forecasting area used by the National Weather Service that does not always follow county lines -- some older severe-weather/temperature records are only available at this zone level, not by county.

Census block group

A small Census Bureau geography, typically a few hundred to a few thousand people -- the finest-grain area FEMA's public NFIP claims data can legally be tied to (never a specific address).

Notes

Methodology caveats referenced by [N] markers throughout this report.

- [1] FEMA's flood zone is a current mapped designation, not a record of past flooding. NFIP claims figures are redacted to the census block group level (not this specific address) to protect policyholder privacy. Heavy-rain/flood county figures use the NOAA Storm Events Database's full modern event-type taxonomy, reliable since 1996.
- [2] Perimeter coverage is aggregated from multiple contributing agencies (USFS, BLM, NPS, state fire agencies) across two combined federal services; very old or very small fires may be under-represented.
- [3] Distance is measured to the nearest recorded 6-hourly best-track point of each storm, not interpolated between points; "status at closest approach" may differ from a storm's peak intensity elsewhere in its lifetime. Storm detection improved substantially after the satellite era began (~1966); earlier decades' counts may undercount storms that never made landfall.
- [4] Tornado/hail/wind figures are precise point-or-track reports (SPC SVRGIS). The county/zone-level figure (blizzard, ice storm, winter storm, heavy snow, sleet, frost/freeze, lake-effect snow) is a materially coarser signal covering this address's entire county or NWS forecast zone — for large counties this may include areas (e.g. mountain terrain) far from this specific address.
- [5] USGS catalog completeness for the smallest band here (M3.0+) still improves somewhat after 1970s-90s instrumentation, so earlier low counts in that band may partly reflect detection limits rather than true seismic quiet. The M4.5+ and M6.0+ floors used for the wider bands were large enough to be reliably detected and felt even with early-1900s-era instrumentation, so this concern applies much less to those two bands.
- [6] Proximity to a regulated site is not evidence of contamination or harm to this property. Hazardous-waste-handler and leaking-tank counts are also influenced by local commercial density, not solely by environmental history.
- [7] A single station is a real but imperfect proxy for conditions at this specific address -- microclimate, elevation, and urban/rural differences over 4.3 miles can matter, especially for heat. NWS advisory events reflect a forecaster's judgment call (factoring in heat index, duration, etc.), not a specific temperature reading -- NOAA's Storm Events Database does not record one for these event types.