

Tarrant County, TX

Risk-assessment baseline packet

County FIPS: 48439 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

Hazard Plain is an independent product built from public federal data. It is not a FEMA document and is not reviewed or endorsed by FEMA or any state agency.

Summary

Plan status as of 2026-09-30: Approved, expires 2030-12-22. Plan: Tarrant County (FEMA plan 110401), approved 2025-12-23.
Since the plan was approved on 2025-12-23: no new federal declaration.
NOAA Storm Events records since that date: 69 records (data through 2026-06-30).
Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$258,071,185 a year), Tornado (\$144,185,298) and Hail (\$112,533,373).
Repetitive-loss flood properties now: FMA RL 40, SRL 54 (44 CFR 77.2); any definition: 308.
The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.
NRI: FEMA's National Risk Index (version 1.20, December 2025).
NFIP: National Flood Insurance Program.
RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).
FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.
PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.
Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.
County-coded: NOAA logged the event to this county.
FIPS: the federal code for a place; 48439 is this area.
D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).
F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.
kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.
CFR: Code of Federal Regulations.
A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).
Dollars: nominal (as reported, labeled with the year), not adjusted for inflation.

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Plan clock

Status:	Approved, expires 2030-12-22	Plan:	Tarrant County (FEMA plan 110401)
Approved:	2025-12-23	Days to expiry:	1,544

What changed since your last plan (approved 2025-12-23)

New federal declarations:	none	Storm Events records since approval:	69 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 40, SRL 54 (44 CFR 77.2); any definition: 308	Repeat-flood change:	this release sets the baseline count.

Sources: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county: 34 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

State plan status and tribal plans in this state: see the state page.

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Notes
Tarrant County	County	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Arlington city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Azle city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Bedford city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Benbrook city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Colleyville city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Crowley city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Edgecliff Village town	Town	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Eules city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Everman city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Flower Mound town	Town	Approved, expires 2028-04-10	Denton County (FEMA plan 107449)	2023-04-11	2028-04-10	558	
Fort Worth city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-09-10
Grand Prairie city	City	Approved, expires 2029-12-01	Grand Prairie (FEMA plan 109673)	2024-12-02	2029-12-01	1,158	
Grapevine city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Haltom City city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Haslet city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Hurst city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	
Keller city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	adoptionDate 2002-02-17 is more than 5 years from this plan's approval 2025-12-23; it likely belongs to an earlier plan

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Notes
Kennedale city	City	Approved, expires 2031-09-01	Kennedale (FEMA plan 111282)	2026-09-02	2031-09-01	1,797	
Lake Worth city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Lakeside town	Town	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Mansfield city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
North Richland Hills city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Richland Hills city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
River Oaks city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Roanoke city	City	Approved, expires 2028-04-10	Denton County (FEMA plan 107449)	2023-04-11	2028-04-10	558	this jurisdiction approved 2023-06-08
Saginaw city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Southlake city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Trophy Club town	Town	Approved, expires 2028-04-10	Denton County (FEMA plan 107449)	2023-04-11	2028-04-10	558	this jurisdiction approved 2023-06-08
Watauga city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Westlake town	Town	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-06-16
Westworth Village city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
White Settlement city	City	Approved, expires 2030-12-22	Tarrant County (FEMA plan 110401)	2025-12-23	2030-12-22	1,544	this jurisdiction approved 2026-02-11
Tarrant Regional Water District	Water/Sewer Authority	Expired on 2026-09-23	Tarrant Regional Water District (FEMA plan 107657)	2021-09-24	2026-09-23	-7	

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure
- flash flood as its own subtype
- ice jams
- debris flows

- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$240,182,296	\$1,400	\$17,887,489	\$258,071,185	316	
2	Tornado	Very High	Very High	\$49,751,008	\$688	\$94,433,606	\$144,185,298	49	
3	Hail	Very High	Very High	\$111,993,400	\$1,759	\$538,214	\$112,533,373	1,073	
4	Heat Wave	Relatively High	Relatively High	\$1,289	\$197	\$50,247,091	\$50,248,577	72	
5	Cold Wave	Relatively High	Very High	\$536,054	\$27,906	\$28,895,507	\$29,459,466	13	Includes 1 Frost/Freeze record (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
6	Earthquake	Relatively Low	Relatively Moderate	\$2,975,766	n/a	\$1,096,886	\$4,072,653		Storm Events does not record earthquakes.
7	Ice Storm	Very High	Very High	\$1,916,588	n/a	\$608,249	\$2,524,837	6	
8	Lightning	Relatively High	Relatively High	\$551,736	n/a	\$1,370,000	\$1,921,736	91	
9	Wildfire	Relatively Moderate	Relatively Moderate	\$1,469,503	\$279	\$244,935	\$1,714,717	7	
10	Strong Wind	Relatively Moderate	Relatively Moderate	\$551,536	\$132	\$929,642	\$1,481,310	668	Includes 13 High Wind and 10 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
11	Winter Weather	Very High	Very High	\$194,063	\$8	\$886,887	\$1,080,958	53	Includes 1 Sleet record (outside NRI's Winter Weather definition).
12	Hurricane	Relatively Low	Relatively Low	\$676,491	\$9,432	\$42,478	\$728,400	0	Declared 5 times; no Storm Events record of this type.
13	Drought	Relatively Low	Relatively Low	n/a	\$46,405	n/a	\$46,405	87	
14	Landslide	Relatively Low	Very Low	\$2,906	n/a	\$2,006	\$4,912	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local landslide records (Storm Events records this hazard only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche, coastal flooding, tsunami and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 1050.09 (Relatively Low, 71.4); tract 1233.02 (Relatively Low, 68.8); tract 1224.02 (Relatively Low, 68.7)
Hurricane	tract 1224.02 (Relatively Low, 54.1); tract 1060.02 (Relatively Low, 52.6); tract 1233.02 (Relatively Low, 51.4)
Landslide	tract 1108.08 (Relatively Low, 88.5); tract 1066 (Relatively Low, 87.8); tract 1230.02 (Relatively Low, 87.6)
Tornado	tract 1050.09 (Very High, 99.5); tract 1224.02 (Very High, 99.5); tract 1113.19 (Very High, 99.0)
Wildfire	tract 1139.32 (Relatively Moderate, 94.3); tract 1108.08 (Relatively Moderate, 94.1); tract 1110.10 (Relatively Moderate, 93.5)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 1050.09 is Census Tract 1050.09). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

Extent: scale, observed range and worst recorded event per hazard

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	12 records, 1996 to 2026 (12 zone-level)	1 day to 4 days (median 1.5 days); 12 with a recorded value	4 consecutive days, 2026-01-24 to 2026-01-27, zone-level	Extreme Cold/Wind Chill, 2021-02-14, \$11,000,000 property; crops not reported, reported for the zone (2021 dollars)	Countywide (zone-level records).	Wind chill: in event narratives only (local data needed).
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2010 (1 zone-level)		No crop damage reported in 1 record.		Countywide (zone-level records).	Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	87 records, 1996 to 2024 (87 zone-level)	8 days to 342 days (median 61 days); 25 with a recorded value	342 days (about 11.2 months), 2005-06-01 to 2006-05-08, a run of 12 consecutive Storm Events drought records, zone-level	Drought, 2006-10-01, \$500,000 property; \$500,000 crops, reported for the zone (2006 dollars)	Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	1,422 records, 1955 to 2026	0.75 in to 5 in (median 1 in); 1,420 with a recorded value	5 in hail, 2023-06-12	Hail, 1995-04-29, \$220,000,000 property; crops not recorded (1995 dollars)	Event records naming jurisdictions in the plan: Fort Worth city (131 records), Keller city (70 records), Arlington city (67 records), Benbrook city (58 records), Mansfield city (51 records), Crowley city (47 records), Grapevine city (39 records), Euless city (34 records), Haslet city (31 records), Bedford city (23 records); and 16 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	72 records, 1996 to 2026 (72 zone-level)	1 day to 85 days (median 4 days); 47 with a recorded value	July 2000 to September 2000 (3 monthly summary records), 2 direct deaths, zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed).
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Ice Storm	Sperry-Piltz ice scale (local data)	6 records, 1998 to 2023 (6 zone-level)		Ice Storm, 2011-02-01, \$500,000 property; \$0 crops (2011 dollars); NWS zone TXZ118		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	316 records, 1996 to 2026 (1 zone-level)		Flash Flood, 2007-06-17, \$30,000,000 property; \$0 crops (2007 dollars), 1 direct death		Event records naming jurisdictions in the plan: Fort Worth city (87 records), Arlington city (26 records), Keller city (16 records), Azle city (12 records), Haltom City city (11 records), Mansfield city (11 records), Hurst city (9 records), North Richland Hills city (9 records), Saginaw city (7 records), Everman city (6 records); and 15 more jurisdictions (see the Excel file). Zone-level records (1) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	91 records, 1996 to 2026		Lightning, 2026-04-25, \$750,000 property; \$0 crops (2026 dollars), 2 direct deaths	Lightning, 2010-11-02, \$1,000,000 property; \$0 crops (2010 dollars)	Event records naming jurisdictions in the plan: Fort Worth city (18 records), Arlington city (11 records), Keller city (5 records), Grapevine city (4 records), Bedford city (3 records), Colleyville city (3 records), Hurst city (3 records), Euless city (2 records), Haltom City city (2 records), Lake Worth city (2 records); and 7 more jurisdictions (see the Excel file).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	23 records, 1996 to 2026 (23 zone-level)	30 kt (35 mph) to 60 kt (69 mph) (median 48.5 kt (56 mph)); 22 with a recorded value	60 kt (69 mph) measured sustained, High Wind, 2006-05-03; NWS zone TXZ118	High Wind, 2007-02-24, \$225,000 property; \$0 crops, reported for the zone (2007 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	957 records, 1955 to 2026	35 kt (40 mph) to 100 kt (115 mph) (median 55 kt (63 mph)); 735 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1976-04-19; same speed and measurement basis also recorded on 1960-05-04	Thunderstorm Wind, 2025-03-04, \$7,000,000 property; \$0 crops (2025 dollars)	Event records naming jurisdictions in the plan: Fort Worth city (94 records), Arlington city (52 records), Grapevine city (37 records), Haslet city (33 records), Saginaw city (29 records), Keller city (27 records), Watauga city (25 records), Benbrook city (21 records), Mansfield city (18 records), North Richland Hills city (17 records); and 15 more jurisdictions (see the Excel file).	Speeds under 20 kt (likely entry errors) are left out of the observed range.
Tornado	Enhanced Fujita (Fujita before Feb 2007)	110 records, 1956 to 2022	F/EF0 to F/EF3 (median F/EF1); 107 with a recorded value	F3 tornado, 2000-03-28, 4 mi within this county, 250 yd wide, damage not reported, 2 direct deaths, 80 direct injuries	Tornado, 2012-04-03, \$200,000,000 property; \$0 crops (2012 dollars)	Event records naming jurisdictions in the plan: Fort Worth city (8 records), Arlington city (5 records), Mansfield city (4 records), Benbrook city (3 records), Keller city (3 records), Euless city (2 records), Grapevine city (2 records), Haslet city (2 records), Lake Worth city (2 records), North Richland Hills city (2 records); and 5 more jurisdictions (see the Excel file).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	7 records, 2005 to 2011 (7 zone-level)		Wildfire, 2011-07-28, \$1,000,000 property; \$0 crops (2011 dollars), 1 direct injury (reported for the zone); NWS zone TXZ118		Countywide (zone-level records).	Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	53 records, 1996 to 2026 (53 zone-level)		Heavy Snow, 2010-02-11, \$20,000,000 property; \$0 crops (2010 dollars); NWS zone TXZ118		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records whose zone no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

A monthly summary record covers most or all of a month; it does not count days at wave conditions.

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 28 declarations covering 19 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Notes
2021-02-19	2021-02-11	DR-4586-TX	Major disaster	Severe Winter Storms	Ice Storm	\$523,752.46	
2021-02-14	2021-02-11	EM-3554-TX	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded	same incident as DR-4586
2020-08-24	2020-08-23	EM-3540-TX	Emergency	Tropical Storms Marco and Laura	Hurricane	no Public Assistance recorded	
2020-03-25	2020-01-20	DR-4485-TX	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$12,268,600.14	
2020-03-13	2020-01-20	EM-3458-TX	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	same incident as DR-4485
2017-08-25	2017-08-23	DR-4332-TX	Major disaster	Hurricane Harvey	Hurricane	no Public Assistance recorded	
2015-05-29	2015-05-04	DR-4223-TX	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds and Flooding	Inland Flooding; Strong Wind; Tornado	\$2,690,272.60	
2008-09-10	2008-09-07	EM-3294-TX	Emergency	Hurricane Ike	Hurricane	no Public Assistance recorded	
2008-08-29	2008-08-27	EM-3290-TX	Emergency	Hurricane Gustav	Hurricane	no Public Assistance recorded	
2008-03-14	2008-03-14	EM-3284-TX	Emergency	Wildfires	Wildfire	no Public Assistance recorded	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
2007-08-18	2007-08-17	EM-3277-TX	Emergency	Hurricane Dean	Hurricane	no Public Assistance recorded	
2007-06-29	2007-06-16	DR-1709-TX	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$1,568,924.16	
2006-01-11	2005-11-27	DR-1624-TX	Major disaster	Extreme Wildfire Threat	Wildfire	\$52,679.28	
2005-12-28	2005-12-27	FM-2593-TX	Fire management	Kennedale Fire	Wildfire	no Public Assistance recorded	same incident as DR-1624
2005-09-24	2005-09-23	DR-1606-TX	Major disaster	Hurricane Rita	Hurricane: evacuation support (county designated for sheltering evacuees, no Individual Assistance), not a local hazard event; not counted	\$86,196.86	
2005-09-21	2005-09-20	EM-3261-TX	Emergency	Hurricane Rita	Hurricane: evacuation support (county designated for sheltering evacuees, no Individual Assistance), not a local hazard event; not counted	\$4,893.90	same incident as DR-1606
2005-09-02	2005-08-29	EM-3216-TX	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$15,690,747.85	
2003-02-01	2003-02-01	EM-3171-TX	Emergency	Loss of the Space Shuttle Columbia	Non-natural, not counted	no Public Assistance recorded	
2000-04-07	2000-03-28	DR-1323-TX	Major disaster	Severe Storms, Tornadoes and Flooding	Tornado (primary); also designated: Inland Flooding	\$2,264,763.63	
1999-09-01	1999-08-01	EM-3142-TX	Emergency	Extreme Fire Hazards	Wildfire	no Public Assistance recorded	
1998-08-26	1998-08-22	DR-1239-TX	Major disaster	Tropical Storm Charley	Hurricane; Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county	
1996-02-23	1996-02-23	EM-3117-TX	Emergency	Extreme Fire Hazard	Wildfire	no Public Assistance recorded	
1993-09-10	1993-08-30	EM-3113-TX	Emergency	Extreme Fire Hazard	Drought (primary); also designated: Wildfire	no Public Assistance recorded	
1991-12-26	1991-12-20	DR-930-TX	Major disaster	Severe Thunderstorms	Inland Flooding	PA not declared for this county	
1990-05-02	1990-04-15	DR-863-TX	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	PA not declared for this county	
1989-05-19	1989-05-04	DR-828-TX	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded	
1981-10-23	1981-10-23	DR-648-TX	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county	
1966-05-12	1966-05-12	DR-218-TX	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded	

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1998-06-23	1998-06-04	EM-3127-TX	Emergency	Fire	Wildfire
1963-09-24	1963-09-24	DR-159-TX	Major disaster	Hurricane Cindy	Hurricane (primary); also designated: Inland Flooding
1961-09-16	1961-09-16	DR-118-TX	Major disaster	Hurricane Carla	Hurricane (primary); also designated: Inland Flooding
1960-07-15	1960-07-15	DR-103-TX	Major disaster	Heavy Rains, Hail, Floods & Tornadoes	Hail; Inland Flooding; Tornado
1959-07-08	1959-07-08	DR-93-TX	Major disaster	Floods	Inland Flooding
1958-06-06	1958-06-06	DR-85-TX	Major disaster	Tornadoes, Rain, Hail & Floods	Tornado (primary); also designated: Hail, Inland Flooding
1957-04-29	1957-04-29	DR-72-TX	Major disaster	Hurricane, Rain, Wind, Hail & Floods	Hurricane (primary); also designated: Hail, Inland Flooding
1954-07-01	1954-07-01	DR-18-TX	Major disaster	Flood	Inland Flooding
1953-06-19	1953-06-19	DR-9-TX	Major disaster	Flood	Inland Flooding
1953-05-15	1953-05-15	DR-2-TX	Major disaster	Tornado & Heavy Rainfall	Tornado

FEMA recorded these with designated area Statewide and no county, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

91 Fire Management declarations (1988-03-12 to 2009-04-10) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Public Assistance not placed in any Texas county: 1 row, \$902,084.65; listed on the Texas state page.

Source: 3

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Cold Wave	13	1	3	6	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	87	0	0	17	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	1,422	46	66	295	0	0	1955 to 2026-06-30	
Heat Wave	72	1	4	37	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	5	0	1996 to 2026-06-30	No Storm Events records of this type; 5 federal declared incidents (see declarations table)
Ice Storm	6	0	0	1	1	0	1996 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Inland Flooding	316	13	23	58	8	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	91	2	7	12	0	0	1996 to 2026-06-30	
Strong Wind	980	5	42	101	1	0	1955 to 2026-06-30	Includes 13 High Wind and 10 Strong Wind records.
Tornado	110	0	0	9	5	0	1950 to 2026-06-30	
Wildfire	7	0	0	0	5	0	1996 to 2026-06-30	
Winter Weather	53	1	1	5	0	0	1996 to 2026-06-30	Includes 1 Sleet record.

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2026-04-25	Lightning		\$750,000 property; \$0 crops (2026 dollars)	2, 0	COLLEYVILLE	new since last plan; within last 5 years	B1-c worst recorded: Lightning
2026-01-24	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2026 dollars)	0, 0	NWS zone TXZ118 (TARRANT), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2023-08-01	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	11, 0	NWS zone TXZ118 (TARRANT), zone-level	within last 5 years	deaths or injuries recorded
2023-07-10	Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	4, 0	NWS zone TXZ118 (TARRANT), zone-level	within last 5 years	deaths or injuries recorded
2023-06-12	Hail	5 in	\$1,000,000 property; \$0 crops (2023 dollars)	0, 0	MANSFIELD	within last 5 years	B1-c worst recorded: Hail
2011-07-28	Wildfire		\$1,000,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 1	NWS zone TXZ118 (TARRANT), zone-level		B1-c worst recorded: Wildfire
2011-02-01	Ice Storm		\$500,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone TXZ118 (TARRANT), zone-level		B1-c worst recorded: Ice Storm
2007-06-17	Flash Flood		\$30,000,000 property; \$0 crops (2007 dollars)	1, 0	HALTOM CITY to KELLER		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2006-05-03	High Wind	60 kt (69 mph) measured sustained	damage not reported	0, 0	NWS zone TXZ118 (TARRANT), zone-level		B1-c worst recorded: High Wind and Strong Wind
2000-07-01	Heat		damage not reported	0, 0	NWS zone TXZ118 (TARRANT), zone-level		B1-c worst recorded: Excessive Heat, Heat
2000-03-28	Tornado	F3, 4 mi within this county, 250 yd wide	damage not reported	2, 80	FT WORTH		B1-c worst recorded: Tornado
1996-07-01	Heat		damage not reported	6, 0	NWS zone TXZ118 (TARRANT), zone-level		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (3,157 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

Tribal and special-area declarations in this state are listed on the state page.

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Cold Wave	0.947	event-days per year	about 0.947 days per year	Likely (from Storm Events: 9 of 30 years)	event-days in 9 of 30 years, 1996 to 2025 (30%)	18	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	35.9	event-days per year	about 35.9 days per year	Likely (from Storm Events: 19 of 30 years)	event-days in 19 of 30 years, 1996 to 2025 (63.3%)	1,596	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00077	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.077%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	9.42	events per year	about 9.42 per year	Highly likely	FEMA annualized frequency (modeled)	358.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	19.1	event-days per year	about 19.1 days per year	Likely (from Storm Events: 18 of 30 years)	event-days in 18 of 30 years, 1996 to 2025 (60%)	314	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.017	events per year	about 1 in 59 years	Possible	FEMA annualized frequency (modeled)	6	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	1.15	event-days per year	about 1.15 days per year	Likely (from Storm Events: 6 of 30 years)	event-days in 6 of 30 years, 1996 to 2025 (20%)	78	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	5.36	event-days per year	about 5.36 days per year	Highly likely (from Storm Events: 28 of 30 years)	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	150	1996 to 2023 (28 years)	see B1-f	
Landslide	0.127	events per year (modeled)	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	54.1	days per year with a strike	about 54.1 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	4.19	events per year	about 4.19 per year	Highly likely	FEMA annualized frequency (modeled)	160	1986 to 2023 (38 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Tornado	0.891	events per year	about 0.89 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.00119	annual probability at a location	chance a given location in the county burns in a year: 0.119%	Likely (from Storm Events: 4 of 30 years)	Storm Events records in 4 of 30 years, 1996 to 2025 (13.3%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI.
Winter Weather	4.11	event-days per year	about 4.11 days per year	Likely (from Storm Events: 24 of 30 years)	event-days in 24 of 30 years, 1996 to 2025 (80%)	78	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	621	30	20.7
Hail	2.00 in+	1996 to 2025	109	30	3.63
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	508	30	16.9
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	61	30	2.03
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	72	30	2.4
Tornado	EF0-1	1996 to 2025	42	30	1.4
Tornado	EF2-3	1996 to 2025	6	30	0.2
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Cold Wave	449 of 449	16.1	55.5	79.8	Relatively High 4, Relatively Moderate 347, Relatively Low 96, Very Low 2
Drought	54 of 449	66.9	75.0	87.6	Relatively Low 15, Very Low 39, No Rating 395
Earthquake	449 of 449	5.6	21.2	71.4	Relatively Low 33, Very Low 416
Hail	449 of 449	80.8	96.2	99.9	Very High 90, Relatively High 340, Relatively Moderate 19
Heat Wave	449 of 449	1.8	80.6	94.6	Relatively High 155, Relatively Moderate 277, Relatively Low 15, Very Low 2
Hurricane	449 of 449	23.2	37.0	54.1	Relatively Low 3, Very Low 446
Ice Storm	449 of 449	9.8	50.0	90.4	Relatively High 1, Relatively Moderate 34, Relatively Low 380, Very Low 34
Inland Flooding	449 of 449	0.8	38.4	97.8	Very High 4, Relatively High 33, Relatively Moderate 130, Relatively Low 210, Very Low 72
Landslide	401 of 449	9.9	38.4	88.5	Relatively Low 13, Very Low 388, No Rating 48
Lightning	449 of 449	0.7	24.2	56.0	Relatively Moderate 3, Relatively Low 299, Very Low 147
Strong Wind	449 of 449	3.1	17.5	41.8	Relatively Low 111, Very Low 338

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	449 of 449	30.9	85.8	99.5	Very High 69, Relatively High 311, Relatively Moderate 68, Relatively Low 1
Wildfire	417 of 449	18.4	41.7	94.3	Relatively Moderate 20, Relatively Low 87, Very Low 310, No Rating 32
Winter Weather	449 of 449	15.9	47.7	72.5	Relatively Moderate 220, Relatively Low 228, Very Low 1

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Tarrant County	County	Approved, expires 2030-12-22	FMA RL 0, SRL 6; any 19	\$3,596,472.65	0 total; 0 since its plan	Includes \$3,347,860.71 for declarations not counted as hazard incidents (DR-4485-TX, EM-3216-TX).
Arlington city	City	Approved, expires 2030-12-22	FMA RL 14, SRL 17; any 68	\$6,339,002.93	161 total; 1 since its plan	Includes \$5,380,913.54 for declarations not counted as hazard incidents (DR-1606-TX, DR-4485-TX, EM-3216-TX, EM-3261-TX).
Azle city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	45 total; 1 since its plan	
Bedford city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 5	\$21,847.49	40 total; 1 since its plan	
Benbrook city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	88 total; 4 since its plan	
Colleyville city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 1; any 8	\$365,992.77	16 total; 2 since its plan	Includes \$351,579.63 for declarations not counted as hazard incidents (DR-4485-TX).
Crowley city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	64 total; 0 since its plan	
Edgecliff Village town	Town	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	3 total; 0 since its plan	
Eules city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 3; any 16	\$393,339.79	58 total; 1 since its plan	Includes \$165,050.45 for declarations not counted as hazard incidents (DR-4485-TX).
Everman city	City	Approved, expires 2030-12-22	FMA RL 7, SRL 0; any 10	\$1,281	18 total; 0 since its plan	Includes \$1,281 for declarations not counted as hazard incidents (EM-3216-TX).
Flower Mound town	Town	Approved, expires 2028-04-10	FMA RL 0, SRL 1; any 6	no Public Assistance recorded	0 total; 0 since its plan	Whole community, including the part in Denton County; none of its repeat-flood properties are in this county.
Fort Worth city	City	Approved, expires 2030-12-22	FMA RL 2, SRL 8; any 62	\$13,320,195.78	338 total; 4 since its plan	Includes \$10,052,348.12 for declarations not counted as hazard incidents (DR-1606-TX, EM-3216-TX).

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Grand Prairie city	City	Approved, expires 2029-12-01	FMA RL 1, SRL 8; any 12	no Public Assistance recorded	5 total; 0 since its plan	Whole community, including the part in Dallas County; in-county portion (county table): FMA RL 0, FMA SRL 3, NFIP RL 1, NFIP SRL 1, any category 3.
Grapevine city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 10	\$716,598.09	88 total; 3 since its plan	
Haltom City city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 1; any 11	\$751,555.53	37 total; 0 since its plan	Includes \$23,404.21 for declarations not counted as hazard incidents (DR-1606-TX).
Haslet city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	\$19,427.20	72 total; 1 since its plan	
Hurst city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 2; any 4	\$1,083,790.21	39 total; 1 since its plan	Includes \$1,031,504.98 for declarations not counted as hazard incidents (DR-1606-TX, EM-3216-TX).
Keller city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 2; any 9	\$204,550.54	121 total; 2 since its plan	Includes \$60,912.16 for declarations not counted as hazard incidents (EM-3216-TX).
Kennedale city	City	Approved, expires 2031-09-01	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	22 total; not yet covered	
Lake Worth city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	\$8,007.75	23 total; 2 since its plan	
Lakeside town	Town	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 0 since its plan	
Mansfield city	City	Approved, expires 2030-12-22	FMA RL 8, SRL 6; any 20	\$159,189.98	85 total; 0 since its plan	Whole community, including the part in Johnson County; in-county portion (county table): FMA RL 8, FMA SRL 5, NFIP RL 10, NFIP SRL 3, any category 18. Includes \$5,280.16 for declarations not counted as hazard incidents (EM-3216-TX).
North Richland Hills city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 3	\$263,366.40	50 total; 0 since its plan	
Richland Hills city	City	Approved, expires 2030-12-22	FMA RL 2, SRL 4; any 11	\$7,762.42	30 total; 3 since its plan	
River Oaks city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	\$43,852.50	13 total; 1 since its plan	
Roanoke city	City	Approved, expires 2028-04-10	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Saginaw city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 1	\$5,437.50	57 total; 0 since its plan	
Southlake city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 3	no Public Assistance recorded	20 total; 1 since its plan	
Trophy Club town	Town	Approved, expires 2028-04-10	FMA RL 0, SRL 0; any 2	\$41,568.44	0 total; 0 since its plan	Whole community, including the part in Denton County; none of its repeat-flood properties are in this county. Includes \$41,568.44 for declarations not counted as hazard incidents (DR-4485-TX).
Watauga city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 15	\$2,798.99	50 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Westlake town	Town	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Westworth Village city	City	Approved, expires 2030-12-22	FMA RL 0, SRL 0; any 0	\$98,657.53	0 total; 0 since its plan	
White Settlement city	City	Approved, expires 2030-12-22	FMA RL 7, SRL 2; any 20	no Public Assistance recorded	29 total; 0 since its plan	

Repetitive-loss counts are for whole NFIP communities, which can extend beyond this county (see the note in B2-c).

School districts and special districts get a plan clock row only.

County Public Assistance in B1-d also includes applicants filed under the county that are not jurisdictions in this plan (for example state agencies, special districts and nonprofits), so the jurisdiction rows add up to less.

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts

Local data needed

The table below gives county-level starting figures; the plan describes impacts for each jurisdiction and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- Future assets
- Texas A&M Forest Service TxWRAP for wildfire risk; Texas State Hazard Mitigation Plan hazard list for B1-a exclusions.

County-level starter: exposure, expected annual loss and damage since the plan

Sources: 1, 2, 3, 5, 6, 7

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-12-23 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Cold Wave	\$356,173,060,243	\$37,845,466	2,106,939	\$536,054	\$27,906	\$28,895,507	0.000151%		\$0		
Drought	n/a	\$20,155,043	n/a	n/a	\$46,405	n/a	0.23% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$621,397,762,330	n/a	2,110,640	\$2,975,766	n/a	\$1,096,886	0.000479%				
Hail	\$356,173,060,243	\$37,845,466	2,106,939	\$111,993,400	\$1,759	\$538,214	0.0314%	\$324,000			
Heat Wave	\$356,173,060,243	\$37,845,466	2,106,939	\$1,289	\$197	\$50,247,091	under 0.0001%		\$0		

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-12-23 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Hurricane	\$353,901,591,905	\$37,813,233	2,094,949	\$676,491	\$9,432	\$42,478	0.000191%				
Ice Storm	\$356,107,498,673	n/a	2,106,364	\$1,916,588	n/a	\$608,249	0.000538%				
Inland Flooding	\$355,956,381,886	\$3,613,887	43,111	\$240,182,296	\$1,400	\$17,887,489	n/a (see note)	\$300,000			NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$1,454,557,053	n/a	8,433	\$2,906	n/a	\$2,006	0.0002%				
Lightning	\$356,173,060,243	n/a	2,106,939	\$551,736	n/a	\$1,370,000	0.000155%	\$780,000			
Strong Wind	\$356,173,060,243	\$37,845,466	2,106,939	\$551,536	\$132	\$929,642	0.000155%	\$8,000	\$0		
Tornado	\$356,173,060,243	\$37,845,466	2,106,939	\$49,751,008	\$688	\$94,433,606	0.014%				
Wildfire	\$29,303,071,971	\$18,152,125	221,804	\$1,469,503	\$279	\$244,935	0.00501%				
Winter Weather	\$356,173,060,243	\$37,845,466	2,106,939	\$194,063	\$8	\$886,887	under 0.0001%		\$0		

Totals since 2025-12-23 (Storm Events through 2026-06-30): 65 county-coded records, 65 with a damage value recorded (including \$0), \$1,412,000; 4 zone-level records, 4 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

FEMA does not split Public Assistance by hazard. A declaration mapped to several hazards is listed under each of them with its full amount, so the per-hazard column does not add up to the total; the unit total counts each declaration once.

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	2,106,939
Building value (total, not at risk)	\$356,173,060,243
Agriculture value (total, not at risk)	\$37,845,466
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$410,890,841
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$197,182,991
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively Low
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	40	Severe repetitive loss, FMA definition (44 CFR 77.2)	54
Repetitive loss, NFIP insurance definition	269	Severe repetitive loss, NFIP insurance definition	31

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	40	54	269	31	308	29	61
of which: Tarrant County (unincorporated area)	0	6	19	6	19	0	2
of which: Bedford city	0	0	5	0	5	0	1
of which: Benbrook city	0	0	2	0	2	0	0
of which: Colleyville city	0	1	8	1	8	0	4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
of which: Edgecliff Village town	0	0	1	0	1	0	1
of which: Euless city	0	3	15	2	16	0	1
of which: Everman city	7	0	7	0	10	0	5
of which: Forest Hill city (community ID not in plan data)	0	0	1	0	1	0	1
of which: Fort Worth city	2	8	61	7	62	1	11
of which: Grapevine city	0	0	10	0	10	0	0
of which: Haltom City city	0	1	11	1	11	0	2
of which: Hurst city	0	2	2	0	4	0	0
of which: Keller city	0	2	9	2	9	0	1
of which: Kennedale city	0	0	2	0	2	0	0
of which: Mansfield city	8	5	10	3	18	6	4
of which: North Richland Hills city	0	0	3	0	3	0	1
of which: Richland Hills city	2	4	10	3	11	0	3
of which: Saginaw city	0	0	1	0	1	0	0
of which: Sansom Park city (community ID not in plan data)	0	0	1	0	1	0	0
of which: Southlake city	0	0	3	0	3	0	2
of which: Watauga city	0	0	15	0	15	0	3
of which: Westover Hills town (community ID not in plan data)	0	0	1	0	1	0	0
of which: White Settlement city	7	2	20	2	20	0	4
of which: Dalworthington Gardens city (community ID not in plan data)	0	0	1	0	1	0	0
of which: Pantego town (community ID not in plan data)	0	0	2	0	2	0	1
of which: Arlington city	14	17	47	3	68	21	13
of which: Grand Prairie city	0	3	1	1	3	1	1
of which: Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	3	8	12	7	13	1	9

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Tarrant County	480582	0	6	19	6	19	0	2	
Arlington city	485454	14	17	47	3	68	21	13	
Azle city	480584	0	0	0	0	0	0	0	
Bedford city	480585	0	0	5	0	5	0	1	

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Benbrook city	480586	0	0	2	0	2	0	0	
Colleyville city	480590	0	1	8	1	8	0	4	
Crowley city	480591	0	0	0	0	0	0	0	
Edgecliff Village town	480592	0	0	1	0	1	0	1	
Eules city	480593	0	3	15	2	16	0	1	
Everman city	480594	7	0	7	0	10	0	5	
Flower Mound town	480777	0	1	6	1	6	0	2	Whole community, including the part in Denton County; none of its repeat-flood properties are in this county.
Fort Worth city	480596	2	8	61	7	62	1	11	
Grand Prairie city	485472	1	8	4	1	12	3	3	Whole community, including the part in Dallas County; in-county portion (county table): FMA RL 0, FMA SRL 3, NFIP RL 1, NFIP SRL 1, any category 3.
Grapevine city	480598	0	0	10	0	10	0	0	
Haltom City city	480599	0	1	11	1	11	0	2	
Haslet city	480600	0	0	0	0	0	0	0	
Hurst city	480601	0	2	2	0	4	0	0	
Keller city	480602	0	2	9	2	9	0	1	
Kennedale city	480603	0	0	2	0	2	0	0	
Lake Worth city	480605	0	0	0	0	0	0	0	
Lakeside town	480604	0	0	0	0	0	0	0	
Mansfield city	480606	8	6	12	4	20	6	4	Whole community, including the part in Johnson County; in-county portion (county table): FMA RL 8, FMA SRL 5, NFIP RL 10, NFIP SRL 3, any category 18.
North Richland Hills city	480607	0	0	3	0	3	0	1	
Richland Hills city	480608	2	4	10	3	11	0	3	
River Oaks city	480609	0	0	0	0	0	0	0	
Roanoke city	480785	0	0	0	0	0	0	0	
Saginaw city	480610	0	0	1	0	1	0	0	
Southlake city	480612	0	0	3	0	3	0	2	
Trophy Club town	481606	0	0	2	0	2	0	1	Whole community, including the part in Denton County; none of its repeat-flood properties are in this county.
Watauga city	480613	0	0	15	0	15	0	3	
Westlake town	480614	0	0	0	0	0	0	0	

Jurisdiction	NFIP community ID	RL, FMA properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties	Note
Westworth Village city	480616	0	0	0	0	0	0	0	
White Settlement city	480617	7	2	20	2	20	0	4	

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

Jurisdiction rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each jurisdiction row, while the county table counts only its part in this county.

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
single-family residential	37	44	229	24	265	27	54
2 to 4 unit residential	2	5	7	4	8	1	0
other residential	0	0	3	0	3	0	1
non-residential	1	5	30	3	32	1	6
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 23 properties are FMA repetitive loss but not NFIP repetitive loss, and 252 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment, organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B. Each section heading names the item its tables support; the plan and FEMA's review decide whether the item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

OpenFEMA disclaimer

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Tarrant County, TX: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 48439). Automated baseline. <https://hazardplain.org/tx/48439/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org

Hazard Plain release 2026-10. As of 2026-09-30; Storm Events data through 2026-06-30. Automated baseline.