

Williamson County, TX

Risk-assessment baseline packet

County FIPS: 48491 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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Summary

Plan status as of 2026-09-30: Approved, expires 2030-06-03. Plan: Williamson County (FEMA plan 109592), approved 2025-06-04.

Since the plan was approved on 2025-06-04: 1 new hazard declaration (1 incident) and 44 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$71,028,840 a year), Cold Wave (\$21,288,000) and Tornado (\$16,523,504).

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; 48491 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.

CONTENTS

- 1. Summary and terms used, page 1
- 2. Plan clock, page 2
- 3. What changed since your last plan (approved 2025-06-04), page 2
- 4. B1-a: hazard identification, page 4
- 5. B1-b: hazard location, page 6
- 6. B1-c: hazard extent, page 6
- 7. B1-d: previous occurrences, page 8
- 8. B1-e: probability of future events, page 13
- 9. B1-f: hazards that vary across jurisdictions, page 15
- 10. B2-a and B2-b: vulnerability and potential impacts, page 18
- 11. B2-a: vulnerability (county context), page 19
- 12. B2-c: repetitive loss properties, page 20
- 13. Sources, what the plan adds, disclaimer and citation, page 22

Plan clock

Status:	Approved, expires 2030-06-03	Plan:	Williamson County (FEMA plan 109592)
Approved:	2025-06-04	Days to expiry:	1,342

What changed since your last plan (approved 2025-06-04)

New federal declarations:	1 new hazard declaration (1 incident): DR-4879-TX (Severe Storms, Straight-Line Winds, and Flooding)	Storm Events records since approval:	44 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 12, SRL 16 (44 CFR 77.2); any definition: 78	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: 20 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 <i>negative = days since expiry</i>	Update underway	Notes
Williamson County	County	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		this jurisdiction approved 2025-06-17
Austin city	City	Expired on 2026-09-14	Austin (FEMA plan 107004)	2021-09-15	2026-09-14	-16	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bartlett city	City	Approved, expires 2030-05-05	Bell County (FEMA plan 110129)	2025-05-06	2030-05-05	1,313		this jurisdiction approved 2025-07-02
Cedar Park city	City	Approved, expires 2028-01-22	Cedar Park (FEMA plan 108525)	2023-01-23	2028-01-22	479		
Georgetown city	City	Approved, expires 2027-03-20	Georgetown (FEMA plan 107450)	2022-03-21	2027-03-20	171		
Hutto city	City	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		
Leander city	City	Approved, expires 2029-10-06	Leander (FEMA plan 109309)	2024-10-07	2029-10-06	1,102		
Pflugerville city	City	Approved, expires 2028-10-31	Travis County (FEMA plan 109258)	2023-11-01	2028-10-31	762		this jurisdiction approved 2024-01-30
Round Rock city	City	Approved, expires 2030-07-01	Round Rock (FEMA plan 110304)	2025-07-02	2030-07-01	1,370		
Taylor city	City	Approved, expires 2031-06-15	Taylor, Thrall, and Lower Brushy Creek Water Control and Improvement District (FEMA plan 111669)	2026-06-16	2031-06-15	1,719		
Thrall city	City	Approved, expires 2031-06-15	Taylor, Thrall, and Lower Brushy Creek Water Control and Improvement District (FEMA plan 111669)	2026-06-16	2031-06-15	1,719		
Elgin Independent School District	School/School District	Approved, expires 2027-10-30	Bastrop County (FEMA plan 107546)	2022-10-31	2027-10-30	395		
Georgetown Independent School District	School/School District	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		
Hutto Independent School District	School/School District	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		
Leander Independent School District	School/School District	Plan 109309 approved 2024-10-07, pending adoption here; not yet eligible	Leander (FEMA plan 109309), pending adoption here	2024-10-07 by FEMA; not yet adopted here	2029-10-06 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lexington Independent School District	School/School District	Approved, expires 2031-02-12	Lee County (FEMA plan 110597)	2026-02-13	2031-02-12	1,596		this jurisdiction approved 2026-03-25
Liberty Hill Independent School District	School/School District	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Lower Brushy Creek Water Control and Improvement District	Flood Control District	Approved, expires 2031-06-15	Taylor, Thrall, and Lower Brushy Creek Water Control and Improvement District (FEMA plan 111669)	2026-06-16	2031-06-15	1,719		
Meridian World School	School/School District	Approved, expires 2030-06-03	Williamson County (FEMA plan 109592)	2025-06-04	2030-06-03	1,342		this jurisdiction approved 2025-10-28
Upper Brushy Creek Water Control and Improvement District #1	Flood Control District	Expired on 2022-09-07	Upper Brushy Creek Water Control and Improvement District #1 (FEMA plan 103250)	2017-09-08	2022-09-07	-1,484		

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 Moderate	Relatively High	\$67,700,954	\$14,065	\$3,313,821	\$71,028,840	171	
2	Cold Wave	Relatively High	Very High	\$96,628	\$72,741	\$21,118,631	\$21,288,000	7	
3	Tornado	Relatively High	Relatively High	\$6,342,118	\$4,174	\$10,177,212	\$16,523,504	32	
4	Hail	Relatively High	Relatively High	\$13,243,161	\$283,419	\$616,667	\$14,143,247	372	
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$657	\$403	\$5,283,292	\$5,284,352	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
6	Lightning	Relatively High	Relatively High	\$63,110	n/a	\$1,708,810	\$1,771,920	9	
7	Wildfire	Relatively Low	Relatively Moderate	\$1,408,558	\$227	\$201,837	\$1,610,622	5	
8	Winter Weather	Very High	Very High	\$258,625	\$1,374	\$1,229,766	\$1,489,765	45	
9	Strong Wind	Relatively Moderate	Relatively Moderate	\$537,509	\$12,994	\$490,248	\$1,040,750	143	Includes 1 High Wind and 1 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
10	Drought	Relatively Moderate	Relatively Moderate	n/a	\$964,396	n/a	\$964,396	75	
11	Hurricane	Relatively Low	Relatively Low	\$676,725	\$135,407	\$48,174	\$860,306	0	Declared 1 time; no Storm Events record of this type.
12	Ice Storm	Relatively Moderate	Relatively Moderate	\$55,186	n/a	\$347,364	\$402,550	0	Declared 1 time; no Storm Events record of this type.
13	Earthquake	Very Low	Very Low	\$141,716	n/a	\$55,169	\$196,884		Storm Events does not record earthquakes.
14	Landslide	Very Low	Very Low	\$272	n/a	\$6	\$278	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

Sources: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 201.08 (Very Low, 17.8); tract 209 (Very Low, 16.6); tract 201.18 (Very Low, 16.0)
Hurricane	tract 209 (Relatively Low, 77.1); tract 213 (Relatively Low, 65.9); tract 208.08 (Relatively Low, 56.4)
Landslide	tract 209 (Very Low, 74.2); tract 201.24 (Very Low, 73.2); tract 201.09 (Very Low, 71.4)
Tornado	tract 206.04 (Relatively High, 84.9); tract 216.01 (Relatively High, 83.5); tract 203.29 (Relatively High, 80.6)
Wildfire	tract 202.06 (Relatively Moderate, 94.5); tract 202.07 (Relatively Moderate, 93.8); tract 203.30 (Relatively Moderate, 93.7)

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 201.08 is Census Tract 201.08). 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	7 records, 2021 to 2026 (7 zone-level)	2 days to 4 days (median 2 days); 4 with a recorded value	4 consecutive days, 2024-01-14 to 2024-01-17, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	75 records, 1996 to 2026 (75 zone-level)	30 days to 336 days (median 106 days); 15 with a recorded value	336 days (11 months), 2011-05-01 to 2012-03-31, a run of 11 consecutive Storm Events drought records, zone-level		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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Hail	hail size (inches)	458 records, 1959 to 2026	0.75 in to 4 in (median 1 in); 457 with a recorded value	4 in hail, 2024-05-30; same size also recorded on 2008-05-14, 2023-09-24	Hail, 2023-09-24, \$300,000,000 property; \$0 crops (2023 dollars)	Event records naming jurisdictions in the plan: Georgetown city (53 records), Leander city (47 records), Round Rock city (36 records), Cedar Park city (22 records), Hutto city (20 records), Taylor city (11 records), Bartlett city (3 records).	
Excessive Heat, Heat	heat index (in event narratives)	6 records, 2000 to 2024 (6 zone-level)	1 day to 22 days (median 6 days); 6 with a recorded value	August 2023 (1 monthly summary record), zone- level		Countywide (zone-level records).	
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.
Ice Storm	Sperry-Piltz ice scale (local data)	0					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	171 records, 1996 to 2026 (3 zone-level)		Flash Flood, 2025-07-05, \$25,000,000 property; \$0 crops (2025 dollars)		Event records naming jurisdictions in the plan: Leander city (12 records), Georgetown city (11 records), Hutto city (10 records), Round Rock city (10 records), Thrall city (5 records), Cedar Park city (4 records), Bartlett city (3 records), Taylor city (3 records). Zone-level records (3) 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					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	9 records, 1998 to 2017		Lightning, 1998-07-19, \$0 property; \$0 crops (1998 dollars), 1 direct death	Lightning, 2017-07-24, \$600,000 property; \$0 crops (2017 dollars)	Event records naming jurisdictions in the plan: Cedar Park city (1 record), Georgetown city (1 record), Hutto city (1 record), Leander city (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	2 records, 2008 to 2013 (2 zone-level)	34 kt (39 mph) to 50 kt (58 mph) (median 42 kt (48 mph)); 2 with a recorded value	50 kt (58 mph) estimated gust, High Wind, 2013-02-25; NWS zone TXZ173	Strong Wind, 2008-01-31, \$10,000 property; \$0 crops (zone total, 2008 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	209 records, 1955 to 2026	35 kt (40 mph) to 100 kt (115 mph) (median 55.5 kt (64 mph)); 142 with a recorded value	100 kt (115 mph) estimated gust, Thunderstorm Wind, 2017-02-20, 2 direct injuries	Thunderstorm Wind, 1995-09-07, \$1,000,000 property; \$50,000 crops (1995 dollars)	Event records naming jurisdictions in the plan: Georgetown city (18 records), Round Rock city (14 records), Taylor city (12 records), Cedar Park city (9 records), Leander city (9 records), Hutto city (3 records), Thrall city (3 records), Bartlett city (2 records), Pflugerville city (1 record).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	70 records, 1954 to 2022	F/EF0 to F/EF5 (median F/EF1); 70 with a recorded value	F5 tornado, 1997-05-27, 5.1 mi within this county, 650 yd wide, \$40,000,000 property; \$100,000 crops (1997 dollars), 27 direct deaths, 12 direct injuries	Tornado, 1997-05-27, \$70,000,000 property; \$50,000 crops (1997 dollars)	Event records naming jurisdictions in the plan: Georgetown city (4 records), Leander city (4 records), Round Rock city (3 records), Hutto city (2 records), Taylor city (2 records), Cedar Park city (1 record), Thrall city (1 record).	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).
Wildfire	acres burned (local data)	5 records, 2011 to 2023 (5 zone-level)		Wildfire, 2023-08-08, \$2,000,000 property; \$0 crops (2023 dollars); NWS zone TXZ173		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	45 records, 1996 to 2026 (45 zone-level)		Winter Storm, 2023-02-01, \$22,600,000 property; \$0 crops (2023 dollars); NWS zone TXZ173		Countywide (zone-level records).	

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow and lightning.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that 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: 26 declarations covering 16 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>	Flags	Notes
2025-07-06	2025-07-02	DR-4879-TX	Major disaster	Severe Storms, Straight-Line Winds, and Flooding	Inland Flooding (primary); also designated: Strong Wind	\$1,809,558.30	new since last plan; within last 5 years	
2023-04-21	2023-01-30	DR-4705-TX	Major disaster	Severe Winter Storm	Winter Weather	\$12,802,521.74	within last 5 years	
2021-02-19	2021-02-11	DR-4586-TX	Major disaster	Severe Winter Storms	Ice Storm	\$1,001,299.62		
2021-02-14	2021-02-11	EM-3554-TX	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded		same incident as DR-4586
2020-03-25	2020-01-20	DR-4485-TX	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						federal share obligated, nominal dollars		
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
2015-05-29	2015-05-04	DR-4223-TX	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds and Flooding	Inland Flooding; Strong Wind; Tornado	\$1,289,183.57		
2011-09-09	2011-08-30	DR-4029-TX	Major disaster	Wildfires	Wildfire	PA not declared for this county		
2011-09-06	2011-09-05	FM-2963-TX	Fire management	Moonglow Fire	Wildfire	no Public Assistance recorded		same incident as DR-4029
2011-08-15	2011-08-15	FM-2949-TX	Fire management	Horseshoe Fire	Wildfire	no Public Assistance recorded		
2011-06-16	2011-06-16	FM-2922-TX	Fire management	Grand Mesa Fire	Wildfire	no Public Assistance recorded		
2008-09-10	2008-09-07	EM-3294-TX	Emergency	Hurricane Ike	Hurricane	no Public Assistance recorded		
2008-08-07	2008-08-07	FM-2785-TX	Fire management	Florence Fire	Wildfire	no Public Assistance recorded		same incident as EM-3284
2008-03-14	2008-03-14	EM-3284-TX	Emergency	Wildfires	Wildfire	no Public Assistance recorded		
2007-06-29	2007-06-16	DR-1709-TX	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$267,960.04		
2006-01-11	2005-11-27	DR-1624-TX	Major disaster	Extreme Wildfire Threat	Wildfire	\$7,223.93		
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	\$115,948.51		
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	no Public Assistance recorded		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	\$408,480.18		
2003-02-01	2003-02-01	EM-3171-TX	Emergency	Loss of the Space Shuttle Columbia	Non-natural, not counted	no Public Assistance recorded		
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		
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	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1989-05-19	1989-05-04	DR-828-TX	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1974-11-30	1974-11-30	DR-454-TX	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$34,559.63 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan participants in this county. They have no row of their own in the jurisdiction table, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county), so this line is not added to it.

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 filed under this county for declarations that do not list it: 1 row, \$4,120.08

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4245-TX	2015-11-25	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	BYNUM	\$4,120.08

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

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 <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
Cold Wave	7	2	0	6	0	0	1996 to 2026-06-30	
Drought	75	5	9	32	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	458	9	73	160	0	0	1955 to 2026-06-30	
Heat Wave	6	0	1	4	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Ice Storm	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Inland Flooding	171	18	2	23	6	1	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	9	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	211	9	1	25	2	1	1955 to 2026-06-30	Includes 1 High Wind and 1 Strong Wind records.
Tornado	70	0	0	4	3	0	1950 to 2026-06-30	
Wildfire	5	0	0	3	7	0	1996 to 2026-06-30	
Winter Weather	45	1	3	11	1	0	1996 to 2026-06-30	

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
2025-07-05	Flash Flood		\$25,000,000 property; \$0 crops (2025 dollars)	0, 0	ANDICE to LEANDER	new since last plan; within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2024-05-30	Hail	4 in	\$0 property; \$0 crops (2024 dollars)	0, 0	COUPLAND	within last 5 years	B1-c worst recorded: Hail
2024-01-14	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone TXZ173 (WILLIAMSON), zone-level	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2023-08-08	Wildfire		\$2,000,000 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone TXZ173 (WILLIAMSON), zone-level	within last 5 years	B1-c worst recorded: Wildfire
2023-08-07	Excessive Heat		\$0 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone TXZ173 (WILLIAMSON), zone-level	within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2023-02-01	Winter Storm		\$22,600,000 property; \$0 crops (zone total, 2023 dollars)	0, 0	NWS zone TXZ173 (WILLIAMSON), zone-level	within last 5 years	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2017-02-20	Thunderstorm Wind	100 kt (115 mph) estimated gust	\$0 property; \$0 crops (2017 dollars)	0, 2	THRALL		B1-c worst recorded: Thunderstorm Wind
2013-02-25	High Wind	50 kt (58 mph) estimated gust	\$0 property; \$0 crops (zone total, 2013 dollars)	0, 0	NWS zone TXZ173 (WILLIAMSON), zone-level		B1-c worst recorded: High Wind and Strong Wind
2001-11-15	Flash Flood		\$500,000 property; \$0 crops (2001 dollars)	2, 10	COUNTYWIDE		deaths or injuries recorded
1998-07-19	Lightning		\$0 property; \$0 crops (1998 dollars)	1, 0	GEORGETOWN		B1-c worst recorded: Lightning
1997-05-27	Tornado	F5, 5.1 mi within this county, 650 yd wide	\$40,000,000 property; \$100,000 crops (1997 dollars)	27, 12	JARRELL		deaths or injuries recorded
1989-05-17	Tornado	F3, 3 mi path length (whole path, pre-1996), 1,700 yd wide	\$2,500,000 property; crops not recorded (1989 dollars)	1, 28	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,057 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	0.632	event-days per year	about 0.632 days per year	Likely	Storm Events event- days in 3 of 30 years, 1996 to 2025 (10%)	12	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	59.3	event-days per year	about 59.3 days per year	Likely	Storm Events event- days in 14 of 30 years, 1996 to 2025 (46.7%)	2,296	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000463	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0463%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	3.95	events per year	about 3.95 per year	Highly likely	FEMA annualized frequency (modeled)	150.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	10	event-days per year	about 10 days per year	Likely	Storm Events event- days in 4 of 30 years, 1996 to 2025 (13.3%)	160	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0377	events per year	about 1 in 27 years	Possible	FEMA annualized frequency (modeled)	14	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	0.648	event-days per year	about 0.648 days per year		Storm Events event- days in 0 of 30 years, 1996 to 2025 (0%)	44	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	3.64	event-days per year	about 3.64 days per year	Highly likely	Storm Events event- days in 27 of 30 years, 1996 to 2025 (90%)	102	1996 to 2023 (28 years)	see B1-f	
Landslide	0.129	events per year (modeled)	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	49.4	days per year with a strike	about 49.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.72	events per year	about 1.72 per year	Highly likely	FEMA annualized frequency (modeled)	66	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	0.623	events per year	about 0.62 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.00104	annual probability at a location	chance a given location in the county burns in a year: 0.104%	Likely	Storm Events records in 3 of 30 years, 1996 to 2025 (10%)	not shown	modeled	see B1-f	
Winter Weather	3.74	event-days per year	about 3.74 days per year	Likely	Storm Events event-days in 22 of 30 years, 1996 to 2025 (73.3%)	71	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	226	30	7.53
Hail	2.00 in+	1996 to 2025	43	30	1.43
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	86	30	2.87
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	16	30	0.533
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	31	30	1.03
Tornado	EF0-1	1996 to 2025	24	30	0.8
Tornado	EF2-3	1996 to 2025	7	30	0.233
Tornado	EF4-5	1996 to 2025	1	30	0.0333
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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	135 of 135	35.8	72.8	90.7	Relatively High 31, Relatively Moderate 101, Relatively Low 3
Drought	42 of 135	67.8	78.6	98.2	Relatively High 2, Relatively Moderate 3, Relatively Low 15, Very Low 22, No Rating 93
Earthquake	135 of 135	0.7	6.7	17.8	Very Low 135
Hail	135 of 135	59.5	88.7	98.1	Relatively High 67, Relatively Moderate 67, Relatively Low 1
Heat Wave	135 of 135	7.8	43.2	73.3	Relatively Moderate 17, Relatively Low 114, Very Low 4
Hurricane	135 of 135	31.1	46.2	77.1	Relatively Low 9, Very Low 126
Ice Storm	135 of 135	5.3	30.6	58.3	Relatively Low 44, Very Low 91
Inland Flooding	135 of 135	0.9	29.8	89.3	Relatively High 4, Relatively Moderate 29, Relatively Low 64, Very Low 38
Landslide	115 of 135	9.0	26.0	74.2	Very Low 115, No Rating 20
Lightning	135 of 135	14.2	47.3	77.0	Relatively Moderate 56, Relatively Low 76, Very Low 3
Strong Wind	135 of 135	10.2	25.4	54.7	Relatively Moderate 1, Relatively Low 113, Very Low 21

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	135 of 135	27.8	57.0	84.9	Relatively High 8, Relatively Moderate 80, Relatively Low 46, Very Low 1
Wildfire	134 of 135	18.8	75.5	94.5	Relatively Moderate 18, Relatively Low 70, Very Low 46, No Rating 1
Winter Weather	135 of 135	43.9	78.9	93.5	Relatively High 68, Relatively Moderate 65, Relatively Low 2

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
Williamson County	County	Approved, expires 2030-06-03	FMA RL 9, SRL 5; any 24	\$4,891,136.13	0 total; 0 since its plan	Includes \$105,063.48 for declarations not counted as hazard incidents (EM-3216-TX).
Austin city	City	Expired on 2026-09-14	FMA RL 89, SRL 39; any 319	no Public Assistance recorded	0 total; 0 since its plan	Whole community, including the part in Travis County; in-county portion (county table): FMA RL 0, FMA SRL 1, NFIP RL 5, NFIP SRL 0, any category 6.
Bartlett city	City	Approved, expires 2030-05-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	8 total; 0 since its plan	
Cedar Park city	City	Approved, expires 2028-01-22	FMA RL 1, SRL 1; any 9	\$210,781.23	37 total; 5 since its plan	Whole community, including 1 property with no county in FEMA's file; in-county portion (county table): FMA RL 1, FMA SRL 1, NFIP RL 7, NFIP SRL 0, any category 8. Includes \$40,686.72 for declarations not counted as hazard incidents (EM-3216-TX).
Georgetown city	City	Approved, expires 2027-03-20	FMA RL 1, SRL 0; any 3	\$3,923,641.13	87 total; 27 since its plan	Includes \$33,641.29 for declarations not counted as hazard incidents (EM-3216-TX).
Hutto city	City	Approved, expires 2030-06-03	FMA RL 0, SRL 0; any 0	\$247,966.78	36 total; 0 since its plan	
Leander city	City	Approved, expires 2029-10-06	FMA RL 0, SRL 0; any 1	\$966,617.14	73 total; 23 since its plan	Includes \$92,641.86 for declarations not counted as hazard incidents (EM-3216-TX).
Pflugerville city	City	Approved, expires 2028-10-31	FMA RL 1, SRL 1; any 2	no Public Assistance recorded	1 total; 0 since its plan	Whole community, including the part in Travis County; none of its repeat-flood properties are in this county.
Round Rock city	City	Approved, expires 2030-07-01	FMA RL 0, SRL 7; any 29	\$181,953.54	63 total; 1 since its plan	Includes \$99,860.53 for declarations not counted as hazard incidents (EM-3216-TX).
Taylor city	City	Approved, expires 2031-06-15	FMA RL 0, SRL 0; any 5	\$4,956,198.11	28 total; 0 since its plan	Includes \$36,586.30 for declarations not counted as hazard incidents (EM-3216-TX).
Thrall city	City	Approved, expires 2031-06-15	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	9 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 2025-06-04 <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	\$97,184,134,425	\$147,978,012	608,015	\$96,628	\$72,741	\$21,118,631	under 0.0001%		\$0		
Drought	n/a	\$65,016,839	n/a	n/a	\$964,396	n/a	1.48% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$160,555,431,483	n/a	609,017	\$141,716	n/a	\$55,169	under 0.0001%				
Hail	\$97,184,134,425	\$147,978,012	608,015	\$13,243,161	\$283,419	\$616,667	0.0136%	\$0			
Heat Wave	\$97,184,134,425	\$147,978,012	608,015	\$657	\$403	\$5,283,292	under 0.0001%				
Hurricane	\$97,121,930,604	\$147,104,415	607,543	\$676,725	\$135,407	\$48,174	0.000697%				
Ice Storm	\$97,183,786,244	n/a	608,011	\$55,186	n/a	\$347,364	under 0.0001%				
Inland Flooding	\$97,135,363,068	\$16,976,355	7,410	\$67,700,954	\$14,065	\$3,313,821	n/a (see note)	\$25,025,000		\$1,809,558.30	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	\$222,073,220	n/a	1,216	\$272	n/a	\$6	0.000122%				
Lightning	\$97,184,134,425	n/a	608,015	\$63,110	n/a	\$1,708,810	under 0.0001%				
Strong Wind	\$97,184,134,425	\$147,978,012	608,015	\$537,509	\$12,994	\$490,248	0.000553%	\$45,000		\$1,809,558.30	
Tornado	\$97,184,134,425	\$147,978,012	608,015	\$6,342,118	\$4,174	\$10,177,212	0.00653%				

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 2025-06-04 <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
Wildfire	\$15,707,471,541	\$33,663,469	145,994	\$1,408,558	\$227	\$201,837	0.00897%				
Winter Weather	\$97,184,134,425	\$147,978,012	608,015	\$258,625	\$1,374	\$1,229,766	0.000266%		\$0		

Totals since 2025-06-04 (Storm Events through 2026-06-30): 36 county-coded records, 28 with a damage value recorded (including \$0), \$25,070,000; 8 zone-level records, 8 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: \$1,809,558.30 on 1 counted declaration.

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	608,015
Building value (total, not at risk)	\$97,184,134,425
Agriculture value (total, not at risk)	\$147,978,012
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$92,014,416
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)	\$44,590,997
Social vulnerability rating	Very Low
Community resilience rating	Very High
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)	12	Severe repetitive loss, FMA definition (44 CFR 77.2)	16
Repetitive loss, NFIP insurance definition	75	Severe repetitive loss, NFIP insurance definition	13

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	12	16	75	13	78	3	32
of which: Austin city	0	1	5	0	6	1	4
of which: Georgetown city	1	0	3	0	3	0	0
of which: Florence city (community ID not in plan data)	1	1	1	1	1	0	0
of which: Taylor city	0	0	5	0	5	0	3
of which: Granger city (community ID not in plan data)	0	1	1	1	1	0	0
of which: Round Rock city	0	7	29	6	29	0	12
of which: Williamson County (unincorporated area)	9	5	23	5	24	1	11
of which: Cedar Park city	1	1	7	0	8	1	2
of which: Leander city	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
Williamson County	481079	9	5	23	5	24	1	11	
Austin city	480624	89	39	289	27	319	7	61	Whole community, including the part in Travis County; in-county portion (county table): FMA RL 0, FMA SRL 1, NFIP RL 5, NFIP SRL 0, any category 6.
Bartlett city	480707	0	0	0	0	0	0	0	
Cedar Park city	481282	1	1	8	0	9	1	2	Whole community, including 1 property with no county in FEMA's file; in-county portion (county table): FMA RL 1, FMA SRL 1, NFIP RL 7, NFIP SRL 0, any category 8.
Georgetown city	480668	1	0	3	0	3	0	0	
Hutto city	481047	0	0	0	0	0	0	0	
Leander city	481536	0	0	1	0	1	0	0	
Pflugerville city	481028	1	1	2	1	2	0	0	Whole community, including the part in Travis County; none of its repeat-flood properties are in this county.
Round Rock city	481048	0	7	29	6	29	0	12	
Taylor city	480670	0	0	5	0	5	0	3	
Thrall city	481632	0	0	0	0	0	0	0	

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 <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>
single-family residential	11	14	65	11	68	3	27
2 to 4 unit residential	1	2	5	2	5	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	5	0	5	0	5
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 2 properties are FMA repetitive loss but not NFIP repetitive loss, and 65 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 (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each 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). Williamson County, TX: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 48491). Automated baseline. <https://hazardplain.org/tx/48491/> 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