

Leon County, TX

Risk-assessment baseline packet

Unit **County area 48289** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

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Plan clock

Status	Approved, expires 2031-07-07	Plan	Leon County (FEMA plan 110275)
Approved	2026-07-08	Expires	2031-07-07
As of	2026-09-28	Days	1,743 days to expiry

What changed since your last plan (approved 2026-07-08)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet
Repetitive loss now	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 1	Repeat-flood change	First release: no prior release to compare.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Leon County	County	Approved, expires 2031-07-07	Leon County (FEMA plan 110275)	2026-07-08	2031-07-07	1,743		
Buffalo city	City	Approved, expires 2031-07-07	Leon County (FEMA plan 110275)	2026-07-08	2031-07-07	1,743		
Centerville city	City	Approved, expires 2031-07-07	Leon County (FEMA plan 110275)	2026-07-08	2031-07-07	1,743		
Jewett city	City	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	Leon County (FEMA plan 110275), pending adoption here	2026-07-08 by FEMA; not yet adopted here	2031-07-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Leona city	City	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	Leon County (FEMA plan 110275), pending adoption here	2026-07-08 by FEMA; not yet adopted here	2031-07-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Marquez city	City	Approved, expires 2031-07-07	Leon County (FEMA plan 110275)	2026-07-08	2031-07-07	1,743		member approved 2026-07-14
Normangee town	Town	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	Leon County (FEMA plan 110275), pending adoption here	2026-07-08 by FEMA; not yet adopted here	2031-07-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Oakwood town	Town	Approved, expires 2031-07-07	Leon County (FEMA plan 110275)	2026-07-08	2031-07-07	1,743		
Concord Robbins Water Supply Corporation	Water/Sewer Authority	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	Leon County (FEMA plan 110275), pending adoption here	2026-07-08 by FEMA; not yet adopted here	2031-07-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Flo Community Water Supply Corporation	Water/Sewer Authority	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	Leon County (FEMA plan 110275), pending adoption here	2026-07-08 by FEMA; not yet adopted here	2031-07-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

SOURCE: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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

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Supports B1-a: hazards

Hazards NRI does not cover: check locally

- 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)

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury; \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Cold Wave	Relatively High	Relatively High	\$4,850	\$89,372	\$4,981,984	\$5,076,206	7		
2	Inland Flooding	Relatively Low	Very Low	\$3,529,257	\$12,287	\$22,542	\$3,564,087	47		
3	Drought	Relatively High	Relatively High		\$3,177,418		\$3,177,418	74		
4	Tornado	Relatively Low	Relatively Low	\$450,678	\$3,009	\$931,848	\$1,385,535	11		
5	Hurricane	Relatively Low	Relatively Low	\$418,025	\$289,254	\$9,301	\$716,580	1		
6	Strong Wind	Relatively Low	Relatively Low	\$107,589	\$118,104	\$141,838	\$367,531	87		Includes 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
7	Lightning	Relatively Moderate	Relatively Low	\$7,394		\$305,450	\$312,844	4		
8	Heat Wave	Relatively Low	Relatively Low	\$328	\$907	\$275,930	\$277,165	49		
9	Hail	Very Low	Very Low	\$47,338	\$39,421	\$1,110	\$87,869	69		
10	Wildfire	Very Low	Very Low	\$46,061	\$784	\$7,585	\$54,430	3		
11	Ice Storm	Relatively Low	Relatively Low	\$21,055		\$23,518	\$44,573	3		

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
12	Winter Weather	Relatively Low	Relatively Low	\$17,127	\$124	\$2,449	\$19,700	16		
13	Earthquake	Very Low	Very Low	\$15,124		\$3,944	\$19,068			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Landslide	Very Low	Very Low	\$440		\$20	\$460	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 6
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 6
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	4 of 6
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 6
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 6
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6
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.	6 of 6
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 6
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 6
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 6
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 6
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 6
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	6 of 6

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	7, 2019 to 2026 (7 zone-level)	1 day to 4 days (median 2.5 days); 6 with a recorded value	4 consecutive days, 2026-01-24 to 2026-01-27, zone-level	Extreme Cold/Wind Chill, 2021-02-15, \$79,000 property; crops not reported, reported for the zone (2021 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Drought	US Drought Monitor D-scale	74, 1996 to 2026 (74 zone-level)	8 days to 486 days (median 41.5 days); 24 with a recorded value	486 days (about 16.0 months), 2010-11-20 to 2012-03-19, a run of 17 consecutive Storm Events drought records, zone-level	Drought, 2006-08-01, property not reported; \$100,000,000 crops, reported for the zone (2006 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	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					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	88, 1984 to 2024	0.75 in to 2 in (median 1 in); 88 with a recorded value	2 in hail, 2023-04-26; same size also recorded on 2019-04-06	Hail, 2014-03-28, \$30,000 property; \$0 crops (2014 dollars)	Event records naming member places: Centerville city (12 records), Buffalo city (10 records), Jewett city (10 records), Leona city (10 records), Marquez city (8 records), Oakwood town (2 records), Normangee town (1 record).	
Excessive Heat, Heat	heat index (narratives)	49, 1998 to 2026 (49 zone-level)	1 day to 85 days (median 4.5 days); 32 with a recorded value	85 days, 2000-07-01 to 2000-09-23, from 3 monthly summary records (a monthly summary record covers most or all of a month; it does not count days at wave conditions), zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1, 2008 to 2008 (1 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2008-09-13, \$150,000 property; \$0 crops, reported for the zone (2008 dollars); NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	3, 1998 to 2023 (3 zone-level)		No damage reported in 3 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	47, 1998 to 2026		Flash Flood, 2007-07-14, \$350,000 property; \$0 crops (2007 dollars)		Event records naming member places: Buffalo city (13 records), Centerville city (6 records), Jewett city (3 records), Leona city (3 records), Oakwood town (2 records), Normangee town (1 record).	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	4, 2010 to 2025		Lightning, 2011-03-14, \$50,000 property; \$0 crops (2011 dollars)		Event records naming member places: Centerville city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	1, 2015 to 2015 (1 zone-level)	43 kt (49 mph); 1 with a recorded value	43 kt (49 mph) estimated gust, Strong Wind, 2015-11-17; NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	107, 1981 to 2026	43 kt (49 mph) to 78 kt (90 mph) (median 52 kt (60 mph)); 77 with a recorded value	78 kt (90 mph) estimated gust, Thunderstorm Wind, 2023-06-21		Event records naming member places: Marquez city (18 records), Centerville city (16 records), Buffalo city (13 records), Jewett city (13 records), Normangee town (5 records), Oakwood town (5 records), Leona city (1 record).	
Tornado	Enhanced Fujita (F before Feb 2007)	23, 1953 to 2025	F/EF0 to F/EF2 (median F/EF1); 23 with a recorded value	F2 tornado, 1984-02-11, 1.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide, \$2,500,000 property; crops not recorded (1984 dollars), 3 direct injuries		Event records naming member places: Buffalo city (3 records), Leona city (2 records), Normangee town (2 records), Centerville city (1 record), Jewett city (1 record), Marquez city (1 record), Oakwood town (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	3, 2011 to 2018 (3 zone- level)		Wildfire, 2011-09-04, \$3,100,000 property; \$0 crops, reported for the zone (2011 dollars); NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	16, 1996 to 2026 (16 zone- level)		Winter Weather, 2010-02-11, \$15,000 property; \$0 crops, reported for the zone (2010 dollars); NWS zone TXZ162 (LEON), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 30 Counted incidents 22

Storm Events records since the plan: not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet.

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-07-09	2024-07-05	DR-4798-TX	Major disaster	HURRICANE BERYL	Hurricane	none found	within last 5 years	
2024-05-17	2024-04-26	DR-4781-TX	Major disaster	SEVERE STORMS, STRAIGHT-LINE WINDS, TORNADOES, AND FLOODING	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$2,328,845.45	within last 5 years	
2023-04-21	2023-01-30	DR-4705-TX	Major disaster	SEVERE WINTER STORM	Winter Weather	\$161,497.45	within last 5 years	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		
						<i>federal share obligated, nominal dollars</i>	Flags	Notes
2021-02-19	2021-02-11	DR-4586-TX	Major disaster	SEVERE WINTER STORMS	Ice Storm	\$62,154.63		
2021-02-14	2021-02-11	EM-3554-TX	Emergency	SEVERE WINTER STORM	Ice Storm	none found		same incident as DR-4586
2020-08-24	2020-08-23	EM-3540-TX	Emergency	TROPICAL STORMS MARCO AND LAURA	Hurricane	none found		
2020-03-25	2020-01-20	DR-4485-TX	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$60,271.55		
2020-03-13	2020-01-20	EM-3458-TX	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4485
2016-06-11	2016-05-22	DR-4272-TX	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$104,938.83		
2016-02-09	2015-12-26	DR-4255-TX	Major disaster	SEVERE WINTER STORMS, TORNADOES, STRAIGHT-LINE WINDS, AND FLOODING	Inland Flooding; Strong Wind; Tornado; Winter Weather	\$667,966.60		
2015-05-29	2015-05-04	DR-4223-TX	Major disaster	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS AND FLOODING	Inland Flooding; Strong Wind; Tornado	\$328,778.30		
2011-09-09	2011-08-30	DR-4029-TX	Major disaster	WILDFIRES	Wildfire	\$269,706.70		
2011-07-01	2011-04-06	DR-1999-TX	Major disaster	WILDFIRES	Wildfire	\$81,917.70		
2008-09-13	2008-09-07	DR-1791-TX	Major disaster	HURRICANE IKE	Hurricane (primary); also designated: Inland Flooding	\$93,629.03		
2008-03-14	2008-03-14	EM-3284-TX	Emergency	WILDFIRES	Wildfire	none found		
2006-01-11	2005-11-27	DR-1624-TX	Major disaster	EXTREME WILDFIRE THREAT	Wildfire	\$6,834.32		
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	\$15,254.91		
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	\$3,261		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	\$93,418.76		
2003-02-01	2003-02-01	EM-3171-TX	Emergency	LOSS OF THE SPACE SHUTTLE COLUMBIA	Non-natural, not counted	none found		
2001-06-09	2001-06-05	DR-1379-TX	Major disaster	TX-TROPICAL STORM ALLISON-06-06-2001	Hurricane	none found		
1999-09-01	1999-08-01	EM-3142-TX	Emergency	EXTREME FIRE HAZARDS	Wildfire	none found		
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		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1993-09-10	1993-08-30	EM-3113-TX	Emergency	EXTREME FIRE HAZARD	Drought (primary); also designated: Wildfire	none found		
1991-12-26	1991-12-20	DR-930-TX	Major disaster	SEVERE THUNDERSTORMS	Inland Flooding	none found		
1990-05-02	1990-04-15	DR-863-TX	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		
1989-05-19	1989-05-04	DR-828-TX	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		
1987-11-20	1987-11-15	DR-802-TX	Major disaster	SEVERE STORMS & TORNADOES	Tornado	PA not declared for this county		
1966-05-12	1966-05-12	DR-218-TX	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1965-06-19	1965-06-19	DR-199-TX	Major disaster	TORNADOES & FLOODING	Tornado (primary); also designated: Inland Flooding	none found		

School districts and special districts in this county: \$36,993.34 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, 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); do not add this line to the county total.

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.

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

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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. Listed on every county page in the state; not counted with county rows.

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.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Public Assistance not placed in a county in this state: 1 row, \$902,084.65

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated	Why not placed
				<i>federal share obligated, nominal dollars</i>	
1791	2008-09-13	AOF/Houston Affordable Housing Corporation	Fulton County	\$902,084.65	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	7		1	5	0	0	1996 to 2026-06-30	
Drought	74		4	15	1	0	1996 to 2026-06-30	
Earthquake	0		0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	88		0	10	0	0	1955 to 2026-06-30	
Heat Wave	49		5	30	0	0	1996 to 2026-06-30	
Hurricane	1		0	0	4	0	1996 to 2026-06-30	
Ice Storm	3		0	1	1	0	1996 to 2026-06-30	
Inland Flooding	47		10	16	10	0	1996 to 2026-06-30	
Landslide	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	4		0	1	0	0	1996 to 2026-06-30	
Strong Wind	108		1	13	3	0	1955 to 2026-06-30	Includes 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
Tornado	23		0	2	7	0	1950 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Tsunami	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	3		0	0	6	0	1996 to 2026-06-30	
Winter Weather	16		1	1	2	0	1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2026-01-24	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2026 dollars)	0, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties	during plan review, check whether your last plan included it; within last 5 years	B1-c worst recorded: Cold/ Wind Chill, Extreme Cold/Wind Chill
2023-06-21	Thunderstorm Wind	78 kt (90 mph) estimated gust	\$1,000,000 property; \$0 crops (2023 dollars)	0, 0	BUFFALO	within last 5 years	B1-c worst recorded: Thunderstorm Wind
2023-04-26	Hail	2 in	\$5,000 property; \$0 crops (2023 dollars)	0, 0	NEWBY	within last 5 years	B1-c worst recorded: Hail
2021-02-15	Extreme Cold/ Wind Chill		\$79,000 property; crops not reported, reported for the zone (2021 dollars)	1, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2019-04-18	Thunderstorm Wind	75 kt (86 mph) estimated gust	\$75,000 property; \$0 crops (2019 dollars)	0, 2	MARQUEZ to OAKWOOD		deaths or injuries recorded
2015-11-17	Strong Wind	43 kt (49 mph) estimated gust	\$2,000 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2011-03-14	Lightning		\$50,000 property; \$0 crops (2011 dollars)	0, 0	NINEVEH		B1-c worst recorded: Lightning
2010-11-20	Drought		\$0 property; \$7,000 crops, reported for the zone (2010 dollars)	0, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
2008-09-13	Tropical Storm		\$150,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2007-07-14	Flash Flood		\$350,000 property; \$0 crops (2007 dollars)	0, 0	JEWETT		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2000-07-01	Heat		damage not reported	0, 0	NWS zone TXZ162 (LEON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
1984-02-11	Tornado	F2, 1.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$2,500,000 property; crops not recorded (1984 dollars)	0, 3	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (423 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

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
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0.526	event-days per year	about 0.526 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	10	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.

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
Drought	36.5	event-days per year	about 36.5 days per year	Likely	event-days in 18 of 30 years, 1996 to 2025 (60%)	1,141	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000699	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0699%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	2.69	events per year	about 2.69 per year	Highly likely	FEMA annualized frequency (modeled)	102.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	15.3	event-days per year	about 15.3 days per year	Likely	event-days in 10 of 30 years, 1996 to 2025 (33.3%)	255	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 15.3 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 10 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane	0.0506	events per year	about 1 in 20 years	Possible	FEMA annualized frequency (modeled)	18	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.923	event-days per year	about 0.923 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	63	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.786	event-days per year	about 0.786 days per year	Likely	event-days in 17 of 30 years, 1996 to 2025 (56.7%)	22	1996 to 2023 (28 years)	see B1-f	
Landslide	0.272	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	59	days per year with a strike	about 59 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.96	events per year	about 1.96 per year	Highly likely	FEMA annualized frequency (modeled)	75	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	0.567	events per year	about 0.57 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.00131	annual probability at a location	chance a given location in the county burns in a year: 0.131%	Possible	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	2.63	event-days per year	about 2.63 days per year	Likely	event-days in 11 of 30 years, 1996 to 2025 (36.7%)	50	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.63 winter weather event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 11 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years

Unit	Descriptor	Definition
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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

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	46	30	1.53
Hail	2.00 in+	1996 to 2025	2	30	0.0667
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	58	30	1.93
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	8	30	0.267
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	19	30	0.633
Tornado	EF0-1	1996 to 2025	11	30	0.367
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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.

SOURCE

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Avalanche	0 of 6				Not Applicable 6	
Coastal Flooding	0 of 6				Not Applicable 6	
Cold Wave	6 of 6	97.1	99.1	99.6	Very High 6	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	4 of 6	97.9	99.2	99.7	Very High 1, Relatively High 3, No Rating 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	6 of 6	10.5	16.2	21.3	Very Low 6	
Hail	6 of 6	55.6	70.7	74.4	Relatively Moderate 4, Relatively Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	6 of 6	46.6	64.4	75.7	Relatively Moderate 4, Relatively Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	6 of 6	73.3	82.6	83.8	Relatively Moderate 4, Relatively Low 2	
Ice Storm	6 of 6	51.9	68.0	77.1	Relatively Moderate 2, Relatively Low 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	6 of 6	31.7	72.2	74.6	Relatively Moderate 4, Relatively Low 2	
Landslide	6 of 6	73.6	81.6	83.7	Relatively Low 3, Very Low 3	
Lightning	6 of 6	87.5	95.4	98.1	Very High 3, Relatively High 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	6 of 6	77.0	87.4	93.6	Relatively High 4, Relatively Moderate 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	6 of 6	69.7	83.0	92.1	Relatively High 5, Relatively Moderate 1	
Tsunami	0 of 6				Not Applicable 6	
Volcanic Activity	0 of 6				Not Applicable 6	
Wildfire	6 of 6	79.0	85.5	87.5	Relatively Low 6	
Winter Weather	6 of 6	49.0	64.2	69.7	Relatively Moderate 6	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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.

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Leon County	County	Approved, expires 2031-07-07	FMA RL 0, SRL 0; any 0	\$3,951,062.50	0; not yet covered	Includes \$168,945.22 for declarations not counted as hazard incidents (DR-1606-TX, DR-4485-TX, EM-3216-TX).
Buffalo city	City	Approved, expires 2031-07-07	FMA RL 0, SRL 0; any 0	\$225,386.23	39; not yet covered	
Centerville city	City	Approved, expires 2031-07-07	FMA RL 0, SRL 0; any 0	\$9,749.69	36; not yet covered	
Jewett city	City	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$11,362.73	27; no approved plan	
Leona city	City	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	16; no approved plan	
Marquez city	City	Approved, expires 2031-07-07	FMA RL 0, SRL 0; any 0	none found	27; not yet covered	
Normangee town	Town	Plan 110275 approved 2026-07-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$18,686.45	9; no approved plan	
Oakwood town	Town	Approved, expires 2031-07-07	FMA RL 0, SRL 0; any 1	\$4,680.35	10; not yet covered	

Member 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 member row, while the county table counts only its part in this county.

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

SOURCES
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per participant per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- Future assets

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

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-07-08 <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
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$4,677,078,866	\$218,174,112	15,666	\$4,850	\$89,372	\$4,981,984	0.000104%				
Drought		\$9,309,827			\$3,177,418		34.1% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$7,509,352,127		15,719	\$15,124		\$3,944	0.000201%				
Hail	\$4,677,085,918	\$218,174,112	15,666	\$47,338	\$39,421	\$1,110	0.00101%				
Heat Wave	\$4,677,078,866	\$218,174,112	15,666	\$328	\$907	\$275,930	under 0.0001%				
Hurricane	\$4,677,078,866	\$217,787,541	15,666	\$418,025	\$289,254	\$9,301	0.00894%				
Ice Storm	\$4,677,078,866		15,666	\$21,055		\$23,518	0.00045%				
Inland Flooding	\$4,674,096,009	\$38,391,257	431	\$3,529,257	\$12,287	\$22,542	n/a (see note)				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. EAL as % of exposure: n/a.
Landslide	\$29,674,128		112	\$440		\$20	0.00148%				
Lightning	\$4,677,085,918		15,666	\$7,394		\$305,450	0.000158%				
Strong Wind	\$4,677,085,918	\$218,174,112	15,666	\$107,589	\$118,104	\$141,838	0.0023%				
Tornado	\$4,677,085,918	\$218,174,112	15,666	\$450,678	\$3,009	\$931,848	0.00964%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$574,817,136	\$83,016,643	4,791	\$46,061	\$784	\$7,585	0.00801%				

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-07-08 <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
Winter Weather	\$4,677,078,866	\$218,174,112	15,666	\$17,127	\$124	\$2,449	0.000366%				

Totals since 2026-07-08: Storm Events not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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

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 must not be added up; the unit total counts each declaration once.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Texas A&M Forest Service TxWRAP for wildfire risk; Texas State Hazard Mitigation Plan hazard list for B1-a exclusions.

Supports B2-a: context

County context

Measure	Value
Population	15,666
Building value (total, not at risk)	\$4,677,085,918
Agriculture value (total, not at risk)	\$218,174,112
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$8,395,948
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)	\$6,707,519
Social vulnerability rating	Relatively High
Community resilience rating	Very Low
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	1	Severe repetitive loss, NFIP insurance definition	0

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county and state-level rows

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	0	0	1	0	1	0	1
OAKWOOD, CITY OF	0	0	1	0	1	0	1
State level, not in this county: county not reported	3	8	12	7	13	1	9

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties by plan member (NFIP community)

Member	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
Leon County	480903	0	0	0	0	0	0	0	
Buffalo city	480904	0	0	0	0	0	0	0	
Centerville city	480905	0	0	0	0	0	0	0	
Jewett city	480906	0	0	0	0	0	0	0	
Leona city	480907	0	0	0	0	0	0	0	
Marquez city	480626	0	0	0	0	0	0	0	
Normangee town	480436	0	0	0	0	0	0	0	
Oakwood town	480437	0	0	1	0	1	0	1	

Per-member types: XLSX sheet 'B2-c Members'.

Member 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 member row, while the county table counts only its part in this county.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

County repeat-flood properties by occupancy group

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	0	0	1	0	1	0	1
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 1 property is NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <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 2026-09-28, 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 2026-09-28, <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 2026-09-28, <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 2026-09-28, 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)

gazetteer/2024_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

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Cite this: Hazard Plain (2026). Leon County, TX: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 48289). Preview: automated baseline. 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: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_TX_48289. Preview: automated baseline.