

Chambers County, TX

Risk-assessment baseline packet

County FIPS: 48071 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2030-02-04. Plan: Chambers County (FEMA plan 109996), approved 2025-02-05.

Since the plan was approved on 2025-02-05: no new hazard declaration and 1 NOAA Storm Events record; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$11,020,549 a year), Hurricane (\$7,587,152) and Tornado (\$5,724,142).

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; 48071 is this area.

D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).

F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.

kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.

CFR: Code of Federal Regulations.

A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).

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

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Plan clock

Status:

Approved, expires 2030-02-04

Approved:

2025-02-05

Plan:

Chambers County (FEMA plan 109996)

Days to expiry:

1,223

What changed since your last plan (approved 2025-02-05)

New federal declarations:

none

Storm Events records since approval:

1 record (data through 2026-06-30)

Repetitive loss now:

FMA RL 64, SRL 42 (44 CFR 77.2); any definition: 182

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

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Chambers County	County	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Anahuac city	City	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Beach City city	City	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Cove city	City	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Mont Belvieu city	City	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Old River-Winfree city	City	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Seabrook city	City	Approved, expires 2031-04-15	Harris County (FEMA plan 110989)	2026-04-16	2031-04-15	1,658		
Shoreacres city	City	Approved, expires 2031-04-15	Harris County (FEMA plan 110989)	2026-04-16	2031-04-15	1,658		this jurisdiction approved 2026-07-20
Chambers-Liberty Counties Navigational District	Special District	Approved, expires 2030-02-04	Chambers County (FEMA plan 109996)	2025-02-05	2030-02-04	1,223		this jurisdiction approved 2025-02-04
Port of Houston	Highway/Port/Rail	No approved plan on record. Approvable pending adoption, not yet eligible	none	none	none		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Trinity Bay Conservation District	Conservation District	Approved, expires 2028-04-12	Trinity Bay Conservation District (FEMA plan 108891)	2023-04-13	2028-04-12	560		

Plan 109996 covers 1 other participant: Chambers-Liberty Counties Navigational District (Liberty County).

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

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 Low	Relatively Low	\$10,951,767	\$1,108	\$67,674	\$11,020,549	45	
2	Hurricane	Relatively Moderate	Relatively Moderate	\$7,082,812	\$208,512	\$295,829	\$7,587,152	14	
3	Tornado	Relatively Moderate	Relatively Moderate	\$1,946,287	\$624	\$3,777,231	\$5,724,142	11	
4	Cold Wave	Relatively Low	Relatively Moderate	\$7,319	\$8,138	\$1,622,702	\$1,638,159	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
5	Lightning	Relatively Moderate	Relatively High	\$27,329	n/a	\$1,027,500	\$1,054,829	4	
6	Heat Wave	Relatively Low	Relatively Low	\$128	\$95	\$763,001	\$763,224	12	
7	Wildfire	Relatively Low	Relatively Low	\$579,521	\$831	\$67,821	\$648,173	0	Declared 2 times; no Storm Events record of this type.
8	Drought	Relatively Low	Relatively Moderate	n/a	\$628,894	n/a	\$628,894	17	
9	Coastal Flooding	Relatively Low	Relatively Moderate	\$501,173	n/a	\$32,012	\$533,185	5	
10	Strong Wind	Relatively Low	Relatively Low	\$72,622	\$21,076	\$260,287	\$353,986	45	
11	Ice Storm	Relatively Low	Relatively Moderate	\$92,167	n/a	\$115,538	\$207,705	1	
12	Hail	Very Low	Relatively Low	\$143,679	\$10	\$52,959	\$196,648	29	
13	Earthquake	Very Low	Very Low	\$39,802	n/a	\$9,872	\$49,674		Storm Events does not record earthquakes.
14	Winter Weather	Very Low	Relatively Low	\$22,828	\$23	\$1,153	\$24,003	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>	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
15	Landslide	Very Low	Very Low	\$77	n/a	\$2	\$79	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	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 wildfire, landslide and tsunami records (Storm Events records these hazards only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche 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.

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 7104.01 (Very Low, 30.7); tract 7101 (Very Low, 25.5); tract 7102.01 (Very Low, 24.2)
Hurricane	tract 7101 (Relatively High, 96.7); tract 7102.02 (Relatively High, 96.5); tract 7102.01 (Relatively High, 95.5)
Landslide	tract 7102.02 (Very Low, 68.8); tract 7105 (Very Low, 66.9); tract 7101 (Very Low, 65.7)
Tornado	tract 7102.01 (Very High, 99.6); tract 7101 (Very High, 99.6); tract 7102.02 (Very High, 99.2)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 7104.01 (Relatively High, 97.1); tract 7105 (Relatively High, 96.3); tract 7103 (Relatively Moderate, 95.0)

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 7104.01 is Census Tract 7104.01). 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
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	5 records, 1996 to 2008 (4 zone-level)		Storm Surge/Tide, 2008-09-12, \$300,000,000 property; crops not reported (2008 dollars); NWS zone TXZ214		No event record names a jurisdiction in the plan. Zone-level records (4) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	17 records, 1996 to 2023 (17 zone-level)	7 days to 141 days (median 76 days); 6 with a recorded value	141 days (about 4.6 months), 2022-04-05 to 2022-08-23, a run of 5 consecutive Storm Events drought records, zone- level	Drought, 1998-08-01, \$1,000,000 property; \$7,300,000 crops (zone total, 1998 dollars)	Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	53 records, 1963 to 2024	0.75 in to 2 in (median 1 in); 53 with a recorded value	2 in hail, 2024-05-12	Hail, 2001-04-16, \$20,000 property; crops not reported (2001 dollars)	Event records naming jurisdictions in the plan: Anahuac city (6 records), Mont Belvieu city (5 records), Cove city (2 records).	
Excessive Heat, Heat	heat index (in event narratives)	12 records, 1999 to 2023 (12 zone-level)	1 day to 31 days (median 5 days); 11 with a recorded value	August 1999 (1 monthly summary record), zone- level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	14 records, 1998 to 2021 (14 zone-level)		Strongest recorded: Hurricane record (NOAA event type 'Hurricane (Typhoon)'), 2007-09-12 to 2007-09-13, category 1, \$500,000 property; \$0 crops (2007 dollars); NWS zone TXZ214	Most damaging recorded: Hurricane (Typhoon), 2005-09-23, \$8,000,000 property; crops not reported (zone total, 2005 dollars)	Countywide (zone-level records).	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)	1 record, 1997 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	45 records, 1996 to 2026		Flash Flood, 2019-09-19, \$80,000,000 property; \$0 crops (2019 dollars)		Event records naming jurisdictions in the plan: Mont Belvieu city (8 records), Beach City city (2 records), Anahuac city (1 record).	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)	4 records, 2000 to 2017		Lightning, 2010-06-24, \$0 property; \$0 crops (2010 dollars), 1 direct death, 1 direct injury	Lightning, 2016-04-13, \$30,000 property; \$0 crops (2016 dollars)	Event records naming jurisdictions in the plan: Beach City 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)	0					
Thunderstorm Wind	wind speed (kt and mph)	76 records, 1959 to 2024	50 kt (58 mph) to 85 kt (98 mph) (median 55 kt (63 mph)); 29 with a recorded value	85 kt (98 mph), measurement type not recorded, Thunderstorm Wind, 1963-06-20	Thunderstorm Wind, 2000-09-02, \$150,000 property; crops not reported (2000 dollars)	Event records naming jurisdictions in the plan: Anahuac city (14 records), Mont Belvieu city (6 records), Beach City city (1 record), Cove city (1 record).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	33 records, 1954 to 2024	F/EF0 to F/EF3 (median between F/EF0 and F/EF1); 32 with a recorded value	F3 tornado, 1969-05-27, 1.5 mi path length (whole path, pre-1996), 67 yd wide, \$25,000 property; crops not recorded (1969 dollars), 3 direct deaths	Tornado, 2003-11-17, \$300,000 property; crops not reported (2003 dollars)	Event records naming jurisdictions in the plan: Cove city (3 records), Beach City city (2 records), Mont Belvieu city (2 records), Anahuac 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).
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	3 records, 2004 to 2025 (3 zone-level)		No damage reported in 3 records.		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, lightning and tsunami.

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: 23 declarations covering 15 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
2024-07-09	2024-07-05	DR-4798-TX	Major disaster	Hurricane Beryl	Hurricane	\$229,917.46	in the 12 months before plan approval; within last 5 years	
2021-02-19	2021-02-11	DR-4586-TX	Major disaster	Severe Winter Storms	Ice Storm	\$353,074.16		
2021-02-14	2021-02-11	EM-3554-TX	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded		same incident as DR-4586
2020-08-24	2020-08-23	EM-3540-TX	Emergency	Tropical Storms Marco and Laura	Hurricane	\$223,308.36		
2020-03-25	2020-01-20	DR-4485-TX	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$13,649.27		
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
2019-10-04	2019-09-17	DR-4466-TX	Major disaster	Tropical Storm Imelda	Inland Flooding (primary); also designated: Hurricane	PA not declared for this county		
2017-08-25	2017-08-23	DR-4332-TX	Major disaster	Hurricane Harvey	Hurricane	\$3,735,851.40		
2008-09-13	2008-09-07	DR-1791-TX	Major disaster	Hurricane Ike	Hurricane (primary); also designated: Inland Flooding	\$78,220,330.99		
2008-09-10	2008-09-07	EM-3294-TX	Emergency	Hurricane Ike	Hurricane	no Public Assistance recorded		same incident as DR-1791
2008-08-29	2008-08-27	EM-3290-TX	Emergency	Hurricane Gustav	Hurricane	no Public Assistance recorded		
2007-08-18	2007-08-17	EM-3277-TX	Emergency	Hurricane Dean	Hurricane	no Public Assistance recorded		
2006-01-11	2005-11-27	DR-1624-TX	Major disaster	Extreme Wildfire Threat	Wildfire	no Public Assistance recorded		
2005-09-24	2005-09-23	DR-1606-TX	Major disaster	Hurricane Rita	Hurricane	\$1,971,367.19		
2005-09-21	2005-09-20	EM-3261-TX	Emergency	Hurricane Rita	Hurricane	\$57,218.35		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	\$113,148.21		
2003-02-01	2003-02-01	EM-3171-TX	Emergency	Loss of the Space Shuttle Columbia	Non-natural, not counted	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>		
2001-06-09	2001-06-05	DR-1379-TX	Major disaster	Tx-Tropical Storm Allison-06-06-2001	Hurricane	\$67,099.44		
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		
1994-10-18	1994-10-14	DR-1041-TX	Major disaster	Severe Thunderstorms and Flooding	Inland Flooding	PA not declared for this county		
1983-08-19	1983-08-18	DR-689-TX	Major disaster	Hurricane Alicia	Hurricane	no Public Assistance recorded		
1979-07-28	1979-07-28	DR-595-TX	Major disaster	Storms & Flash Floods	Inland Flooding	PA not declared for this county		

School districts and special districts in this county: \$21,082,449.86 (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 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
Coastal Flooding	5	0	0	0	0	0	1996 to 2026-06-30	
Cold Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	17	0	0	8	0	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	53	0	1	1	0	0	1955 to 2026-06-30	
Heat Wave	12	0	0	5	0	0	1996 to 2026-06-30	
Hurricane	14	0	0	0	10	0	1996 to 2026-06-30	
Ice Storm	1	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	45	1	1	3	4	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	4	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	76	0	3	4	0	0	1955 to 2026-06-30	
Tornado	33	0	1	2	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0	0	0	0	2	0	1996 to 2026-06-30	No Storm Events records of this type; 2 federal declared incidents (see declarations table)
Winter Weather	3	0	1	1	0	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
2024-05-12	Hail	2 in	\$0 property; \$0 crops (2024 dollars)	0, 0	WALLISVILLE RES	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Hail
2022-04-05	Drought		\$0 property; \$0 crops (zone total, 2022 dollars)	0, 0	NWS zone TXZ214 (CHAMBERS), zone-level	within last 5 years	B1-c worst recorded: Drought
2019-09-19	Flash Flood		\$80,000,000 property; \$0 crops (2019 dollars)	0, 0	LAKE ANAHUAC to HANKAMER		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2010-06-24	Lightning		\$0 property; \$0 crops (2010 dollars)	1, 1	WHITES RANCH		deaths or injuries recorded
2008-09-12	Storm Surge/Tide		\$300,000,000 property; crops not reported (zone total, 2008 dollars)	0, 0	NWS zone TXZ214 (CHAMBERS), zone-level		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2007-09-12	Hurricane (NOAA event type 'Hurricane (Typhoon)')	category 1	\$500,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone TXZ214 (CHAMBERS), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2005-09-23	Hurricane (NOAA event type 'Hurricane (Typhoon)')		\$8,000,000 property; crops not reported (zone total, 2005 dollars)	0, 0	NWS zone TXZ214 (CHAMBERS), zone-level		B1-c most damaging: Hurricane, Tropical Storm, Tropical Depression
2005-09-22	Heat		damage not reported	1, 0	NWS zone TXZ214 (CHAMBERS), zone-level		deaths or injuries recorded
2003-11-17	Tornado	F1, 1 mi within this county, 50 yd wide	\$300,000 property; crops not reported (2003 dollars)	0, 0	OAK ISLAND		B1-c most damaging: Tornado
1999-08-01	Heat		damage not reported	0, 0	NWS zone TXZ214 (CHAMBERS), zone-level		B1-c worst recorded: Excessive Heat, Heat
1969-05-27	Tornado	F3, 1.5 mi path length (whole path, pre-1996), 67 yd wide	\$25,000 property; crops not recorded (1969 dollars)	3, 0	location not recorded		deaths or injuries recorded
1963-06-20	Thunderstorm Wind	85 kt (98 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the Excel file, sheet "B1-d Storm Events history" (263 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
Coastal Flooding	3.76	events per year at a location (modeled)	about 3.8 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.419	event-days per year	about 0.419 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	5.78	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	20.5	event-days per year	about 20.5 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	693	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000557	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0557%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.88	events per year	about 1.88 per year	Highly likely	FEMA annualized frequency (modeled)	98.8 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	14	event-days per year	about 14 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	172	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.199	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	76	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	0.715	event-days per year	about 0.715 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	49	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.21	event-days per year	about 1.21 days per year	Likely	Storm Events event-days in 18 of 30 years, 1996 to 2025 (60%)	34	1996 to 2023 (28 years)	see B1-f	

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
Landslide	0.0572	events per year (modeled)	about 1 in 17 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	75.1	days per year with a strike	about 75.1 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.07	events per year	about 1.07 per year	Highly likely	FEMA annualized frequency (modeled)	42	1986 to 2023 (38 years)	countywide	
Tornado	0.672	events per year	about 0.67 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)			Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Wildfire	0.00629	annual probability at a location	chance a given location in the county burns in a year: 0.629%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	0.785	event-days per year	about 0.785 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	10.8	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	17	30	0.567
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	14	30	0.467
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	9	30	0.3
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	22	30	0.733
Tornado	EF0-1	1996 to 2025	10	30	0.333
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
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	
Coastal Flooding	6 of 7	80.1	92.7	97.5	Relatively High 2, Relatively Moderate 2, Relatively Low 2, No Rating 1
Cold Wave	6 of 7	74.4	86.2	91.4	Relatively High 5, Relatively Moderate 1, No Rating 1
Drought	6 of 7	81.6	93.2	98.2	Relatively High 2, Relatively Moderate 1, Relatively Low 3, No Rating 1
Earthquake	6 of 7	19.3	23.1	30.7	Very Low 6, No Rating 1
Hail	7 of 7	0.1	66.9	80.1	Relatively Moderate 3, Relatively Low 3, Very Low 1
Heat Wave	6 of 7	66.1	81.6	88.2	Relatively High 2, Relatively Moderate 4, No Rating 1
Hurricane	7 of 7	9.4	93.7	96.7	Relatively High 6, Very Low 1
Ice Storm	6 of 7	79.6	87.4	92.3	Relatively High 3, Relatively Moderate 3, No Rating 1
Inland Flooding	6 of 7	64.5	85.2	96.7	Very High 1, Relatively High 2, Relatively Moderate 3, No Rating 1
Landslide	6 of 7	43.7	63.2	68.8	Very Low 6, No Rating 1
Lightning	6 of 7	97.6	99.4	99.8	Very High 6, No Rating 1
Strong Wind	7 of 7	0.2	76.4	85.4	Relatively High 2, Relatively Moderate 4, Very Low 1
Tornado	7 of 7	0.2	98.3	99.6	Very High 5, Relatively High 1, Very Low 1
Tsunami	0 of 7				Insufficient Data 7
Wildfire	7 of 7	18.9	94.5	97.1	Relatively High 2, Relatively Moderate 2, Relatively Low 2, Very Low 1
Winter Weather	6 of 7	38.6	55.5	65.5	Relatively Moderate 4, Relatively Low 2, No Rating 1

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

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

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

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

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Chambers County	County	Approved, expires 2030-02-04	FMA RL 63, SRL 38; any 167	\$57,796,849.40	0 total; 0 since its plan	Includes \$113,148.21 for declarations not counted as hazard incidents (EM-3216-TX).
Anahuac city	City	Approved, expires 2030-02-04	FMA RL 0, SRL 1; any 3	\$331,448.39	22 total; 0 since its plan	
Beach City city	City	Approved, expires 2030-02-04	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	6 total; 1 since its plan	
Cove city	City	Approved, expires 2030-02-04	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	6 total; 0 since its plan	
Mont Belvieu city	City	Approved, expires 2030-02-04	FMA RL 0, SRL 0; any 5	\$1,756,489.08	21 total; 1 since its plan	Whole community, including the part in Liberty County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 4, NFIP SRL 0, any category 4.
Old River-Winfree city	City	Approved, expires 2030-02-04	FMA RL 0, SRL 0; any 1	\$10,692.67	0 total; 0 since its plan	Whole community, including the part in Liberty County; none of its repeat-flood properties are in this county.
Seabrook city	City	Approved, expires 2031-04-15	FMA RL 19, SRL 50; any 167	no Public Assistance recorded	0 total; 0 since its plan	Whole community, including the part in Galveston County, Harris County and Nueces County, plus 1 property with no county in FEMA's file; none of its repeat-flood properties are in this county.
Shoreacres city	City	Approved, expires 2031-04-15	FMA RL 30, SRL 36; any 108	no Public Assistance recorded	0 total; 0 since its plan	Whole community, including the part in Harris County; none of its repeat-flood properties are in this county.

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 2025-02-05 <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
Coastal Flooding	\$1,447,582,005	n/a	4,778	\$501,173	n/a	\$32,012	0.0346%				
Cold Wave	\$13,491,132,115	\$24,809,804	46,507	\$7,319	\$8,138	\$1,622,702	under 0.0001%				
Drought	n/a	\$10,283,479	n/a	n/a	\$628,894	n/a	6.12% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$23,916,077,177	n/a	46,571	\$39,802	n/a	\$9,872	0.000166%				
Hail	\$13,491,132,115	\$24,809,804	46,507	\$143,679	\$10	\$52,959	0.00106%				
Heat Wave	\$13,491,132,115	\$24,809,804	46,507	\$128	\$95	\$763,001	under 0.0001%				
Hurricane	\$13,491,132,115	\$24,729,304	46,507	\$7,082,812	\$208,512	\$295,829	0.0525%				
Ice Storm	\$13,491,132,115	n/a	46,507	\$92,167	n/a	\$115,538	0.000683%				
Inland Flooding	\$13,483,281,335	\$11,305,903	2,139	\$10,951,767	\$1,108	\$67,674	n/a (see note)	\$0			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	\$24,694,789	n/a	88	\$77	n/a	\$2	0.000311%				
Lightning	\$13,491,132,115	n/a	46,507	\$27,329	n/a	\$1,027,500	0.000203%				
Strong Wind	\$13,491,132,115	\$24,809,804	46,507	\$72,622	\$21,076	\$260,287	0.000538%				
Tornado	\$13,491,132,115	\$24,809,804	46,507	\$1,946,287	\$624	\$3,777,231	0.0144%				

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 2025-02-05 <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
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$1,095,443,472	\$17,718,002	9,701	\$579,521	\$831	\$67,821	0.0529%				
Winter Weather	\$13,491,132,115	\$24,809,804	46,507	\$22,828	\$23	\$1,153	0.000169%				

Totals since 2025-02-05 (Storm Events through 2026-06-30): 1 county-coded records, 1 with a damage value recorded (including \$0), \$0; 0 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	46,507
Building value (total, not at risk)	\$13,491,132,115
Agriculture value (total, not at risk)	\$24,809,804
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$22,336,820
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)	\$8,093,580
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)	64	Severe repetitive loss, FMA definition (44 CFR 77.2)	42
Repetitive loss, NFIP insurance definition	176	Severe repetitive loss, NFIP insurance definition	34

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	64	42	176	34	182	5	70
of which: Chambers County (unincorporated area)	63	38	161	30	167	5	65
of which: Anahuac city	0	1	3	1	3	0	0
of which: Beach City city	0	0	2	0	2	0	1
of which: Mont Belvieu city	0	0	4	0	4	0	1
of which: Baytown city (plan jurisdiction listed on the Harris County page)	1	3	6	3	6	0	3
Statewide, no county in FEMA's file	3	8	12	7	13	1	9

6 of the county's repeat-flood properties belong to NFIP communities whose plan jurisdiction is not listed on this page (the community rows above name the page that lists it).

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
Chambers County	480119	63	38	161	30	167	5	65	
Anahuac city	480120	0	1	3	1	3	0	0	
Beach City city	480121	0	0	2	0	2	0	1	
Cove city	481510	0	0	0	0	0	0	0	
Mont Belvieu city	480122	0	0	5	0	5	0	1	Whole community, including the part in Liberty County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 4, NFIP SRL 0, any category 4.
Old River-Winfree city	481637	0	0	1	0	1	0	0	Whole community, including the part in Liberty County; none of its repeat-flood properties are in this county.
Seabrook city	485507	19	50	136	19	167	28	91	Whole community, including the part in Galveston County, Harris County and Nueces County, plus 1 property with no county in FEMA's file; none of its repeat-flood properties are in this county.
Shoreacres city	485510	30	36	100	25	108	16	72	Whole community, including the part in Harris County; none of its repeat-flood properties are in this county.

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	63	38	159	30	165	5	65
2 to 4 unit residential	1	2	3	2	3	0	0
other residential	0	1	1	1	1	0	0
non-residential	0	1	13	1	13	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 114 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)
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 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)
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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).

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