

Calcasieu Parish, LA

Risk-assessment baseline packet

County FIPS: 22019 **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: Expired on 2026-09-15. Plan: Calcasieu Parish (FEMA plan 107293), approved 2021-09-16.
Update: FEMA tracker shows a plan in review.
Since the plan was approved on 2021-09-16: 2 new hazard declarations (2 incidents): EM-3614-LA (Tropical Storm Francine), EM-3638-LA (Severe Winter Storm).
NOAA Storm Events records since that date: 130 records (data through 2026-06-30).
Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Hurricane (\$71,000,061 a year), Inland Flooding (\$58,463,563) and Tornado (\$10,771,537).
Repetitive-loss flood properties now: FMA RL 340, SRL 269 (44 CFR 77.2); any definition: 1,262.
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; 22019 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:	Expired on 2026-09-15	Plan:	Calcasieu Parish (FEMA plan 107293)
Approved:	2021-09-16	Days since expiry:	15
Update underway:	FEMA tracker shows a plan in review		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2021-09-16)

New federal declarations:	2 new hazard declarations (2 incidents): EM-3614-LA (Tropical Storm Francine), EM-3638-LA (Severe Winter Storm)	Storm Events records since approval:	130 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 340, SRL 269 (44 CFR 77.2); any definition: 1,262	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
Calcasieu Parish	County	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
DeQuincy city	City	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Iowa town	Town	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Lake Charles city	City	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Sulphur city	City	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Vinton town	Town	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Westlake city	City	Expired on 2026-09-15	Calcasieu Parish (FEMA plan 107293)	2021-09-16	2026-09-15	-15	FEMA tracker shows a plan in review
Sabine River Authority	Water/Sewer Authority	Expired on 2025-12-15	Sabine River Authority (FEMA plan 106820)	2020-12-16	2025-12-15	-289	

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	Hurricane	Very High	Very High	\$67,351,854	\$185,888	\$3,462,319	\$71,000,061	12	
2	Inland Flooding	Relatively High	Relatively Moderate	\$58,117,684	\$4,740	\$341,139	\$58,463,563	129	
3	Tornado	Relatively High	Relatively High	\$6,013,027	\$750	\$4,757,759	\$10,771,537	52	
4	Cold Wave	Relatively High	Relatively High	\$21,296	\$27,176	\$6,992,454	\$7,040,927	1	
5	Lightning	Very High	Very High	\$107,683	n/a	\$4,025,522	\$4,133,205	14	
6	Coastal Flooding	Relatively High	Relatively High	\$2,583,455	n/a	\$310,928	\$2,894,383	5	
7	Heat Wave	Relatively Moderate	Relatively Moderate	\$294	\$89	\$2,258,027	\$2,258,410	3	
8	Hail	Relatively Moderate	Relatively Moderate	\$2,031,975	\$522	\$26,382	\$2,058,878	179	
9	Strong Wind	Relatively High	Relatively Moderate	\$557,685	\$802	\$740,152	\$1,298,639	303	Includes 2 High Wind and 3 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
10	Wildfire	Relatively Moderate	Relatively Moderate	\$1,074,053	\$624	\$168,018	\$1,242,695	2	
11	Drought	Relatively Moderate	Relatively Moderate	n/a	\$1,069,499	n/a	\$1,069,499	8	
12	Ice Storm	Relatively High	Relatively High	\$367,918	n/a	\$421,222	\$789,140	3	
13	Earthquake	Relatively Low	Relatively Low	\$399,917	n/a	\$115,320	\$515,237		Storm Events does not record earthquakes.

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
14	Winter Weather	Relatively Low	Relatively Low	\$1,284	\$40	\$25,729	\$27,053	10	
15	Landslide	Very Low	Very Low	\$397	n/a	\$2	\$399	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

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

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

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

Supports FEMA checklist item B1-b: hazard location

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

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 11 (Relatively Low, 58.8); tract 16 (Relatively Low, 55.5); tract 7 (Relatively Low, 51.1)
Hurricane	tract 11 (Very High, 99.3); tract 17 (Very High, 99.2); tract 16 (Very High, 99.1)
Landslide	tract 32 (Relatively Low, 83.4); tract 20.02 (Very Low, 73.7); tract 18.03 (Very Low, 72.8)
Tornado	tract 17 (Very High, 96.5); tract 11 (Very High, 94.1); tract 16 (Relatively High, 93.2)
Wildfire	tract 32 (Relatively Moderate, 95.8); tract 18.03 (Relatively Moderate, 95.7); tract 17 (Relatively Moderate, 95.7)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 11 is Census Tract 11). 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, 2008 to 2024 (5 zone-level)		Storm Surge/Tide, 2008-09-12, \$150,000,000 property; \$0 crops (2008 dollars); NWS zone LAZ041		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	1 record, 2010 (1 zone-level)	4 days; 1 with a recorded value	4 consecutive days, 2010-01-08 to 2010-01-11, 1 direct death, zone-level		Countywide (zone-level records).	Wind chill: in event narratives only (local data needed).
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	8 records, 1996 to 2023 (8 zone-level)	10 days to 104 days (median 31 days); 5 with a recorded value	104 days (about 3.4 months), 1998-05-20 to 1998-08-31, a run of 4 consecutive Storm Events drought records, zone-level	Drought, 2000-12-01, property not reported; \$12,500,000 crops, reported for the zone (2000 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)	226 records, 1960 to 2025	0.75 in to 3 in (median 1 in); 226 with a recorded value	3 in hail, 2019-05-09	Hail, 2019-05-09, \$36,000,000 property; \$0 crops (2019 dollars)	Event records naming jurisdictions in the plan: Lake Charles city (29 records), Sulphur city (28 records), Vinton town (21 records), Westlake city (15 records), Iowa town (5 records).	
Excessive Heat, Heat	heat index (in event narratives)	3 records, 2000 to 2023 (3 zone-level)	8 days to 31 days (median 19.5 days); 2 with a recorded value	August 2023 (1 monthly summary record), zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed).
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	12 records, 1998 to 2020 (12 zone-level)		Strongest recorded: Hurricane (Typhoon) record (NOAA's event type name), 2020-08-26 to 2020-08-27, category 4, \$6,000,000,000 property; \$0 crops (2020 dollars), 1 direct death (reported for the zone); NWS zone LAZ041		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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Ice Storm	Sperry-Piltz ice scale (local data)	3 records, 1997 to 2021 (3 zone-level)		Ice Storm, 1997-01-12, \$10,000,000 property; crops not reported (1997 dollars), 10 direct injuries (reported for the zone); NWS zone LAZ041		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	129 records, 1996 to 2026 (2 zone-level)		Flash Flood, 2021-05-17, \$500,000,000 property; \$0 crops (2021 dollars), 1 direct death		Event records naming jurisdictions in the plan: Lake Charles city (31 records), Sulphur city (17 records), Vinton town (6 records), Westlake city (5 records), Iowa town (1 record). Zone-level records (2) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	14 records, 1996 to 2024		Lightning, 1996-12-29, \$50,000 property; crops not reported (1996 dollars), 1 direct death, 2 direct injuries	Lightning, 2023-06-03, \$1,500,000 property; \$0 crops (2023 dollars)	Event records naming jurisdictions in the plan: DeQuincy city (1 record), Sulphur city (1 record), Vinton town (1 record), Westlake city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	5 records, 2000 to 2015 (5 zone-level)	38 kt (44 mph) to 64 kt (74 mph) (median 44.5 kt (51 mph)); 4 with a recorded value	64 kt (74 mph) measured gust, High Wind, 2015-04-19; NWS zone LAZ041	Strong Wind, 2008-03-18, \$100,000 property; \$0 crops, reported for the zone (2008 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	471 records, 1956 to 2026	50 kt (58 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 264 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1987-02-15, 1 direct death	Thunderstorm Wind, 2010-05-26, \$5,000,000 property; \$0 crops (2010 dollars)	Event records naming jurisdictions in the plan: Lake Charles city (70 records), Sulphur city (33 records), Vinton town (30 records), Westlake city (14 records), Iowa town (9 records), DeQuincy city (1 record).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	114 records, 1950 to 2026	F/EF0 to F/EF3 (median F/EF1); 113 with a recorded value	F3 tornado, 1992-11-21, 6 mi path length (whole path, pre-1996), 73 yd wide, \$2,500,000 property; crops not recorded (1992 dollars), 2 direct injuries	Tornado, 2002-12-30, \$7,000,000 property; crops not reported (2002 dollars)	Event records naming jurisdictions in the plan: Lake Charles city (6 records), Sulphur city (4 records), Iowa town (3 records), Vinton town (2 records), Westlake 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).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	2 records, 2011 (2 zone- level)		Wildfire, 2011-06-12, \$0 property; \$250,000 crops (2011 dollars); NWS zone LAZ041		Countywide (zone-level records).	Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	10 records, 2007 to 2025 (10 zone-level)		Winter Weather, 2011-02-03, \$10,000 property; \$0 crops (2011 dollars); NWS zone LAZ041		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

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

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 42 declarations covering 29 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
2026-01-24	2026-01-23	EM-3638-LA	Emergency	Severe Winter Storm	Winter Weather	\$25,954.59	new since last plan; within last 5 years	
2024-09-10	2024-09-10	EM-3614-LA	Emergency	Tropical Storm Francine	Hurricane (primary); also designated: Tornado	no Public Assistance recorded	new since last plan; within last 5 years	
2021-09-13	2021-09-12	EM-3574-LA	Emergency	Tropical Storm Nicholas	Hurricane	no Public Assistance recorded	in the 12 months before plan approval	
2021-08-29	2021-08-26	DR-4611-LA	Major disaster	Hurricane Ida	Hurricane	\$232,423.69	in the 12 months before plan approval	
2021-08-27	2021-08-26	EM-3568-LA	Emergency	Tropical Storm Ida	Hurricane	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4611
2021-06-02	2021-05-17	DR-4606-LA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Tornado	\$3,203,543.24	in the 12 months before plan approval	
2021-03-09	2021-02-11	DR-4590-LA	Major disaster	Severe Winter Storms	Ice Storm	\$2,458,970.92	in the 12 months before plan approval	
2021-02-18	2021-02-11	EM-3556-LA	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4590
2021-01-12	2020-10-26	DR-4577-LA	Major disaster	Hurricane Zeta	Hurricane	no Public Assistance recorded	in the 12 months before plan approval	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>		Flags	Notes
2020-10-27	2020-10-26	EM-3549-LA	Emergency	Tropical Storm Zeta	Hurricane	no Public Assistance recorded		in the 12 months before plan approval	same incident as DR-4577
2020-10-16	2020-10-06	DR-4570-LA	Major disaster	Hurricane Delta	Hurricane	\$7,408,613.37		in the 12 months before plan approval	
2020-10-07	2020-10-06	EM-3547-LA	Emergency	Hurricane Delta	Hurricane	no Public Assistance recorded		in the 12 months before plan approval	same incident as DR-4570
2020-09-14	2020-09-13	EM-3543-LA	Emergency	Hurricane Sally	Hurricane	no Public Assistance recorded			
2020-08-28	2020-08-22	DR-4559-LA	Major disaster	Hurricane Laura	Hurricane	\$1,406,551,789.33			
2020-08-23	2020-08-22	EM-3538-LA	Emergency	Tropical Storms Laura and Marco	Hurricane	no Public Assistance recorded			same incident as DR-4559
2020-06-07	2020-06-05	EM-3527-LA	Emergency	Tropical Storm Cristobal	Hurricane	no Public Assistance recorded			
2020-03-24	2020-01-20	DR-4484-LA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$238,869.67			
2020-03-13	2020-01-20	EM-3459-LA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded			same incident as DR-4484
2019-07-11	2019-07-10	EM-3416-LA	Emergency	Tropical Storm Barry	Hurricane	no Public Assistance recorded			
2017-10-16	2017-08-28	DR-4345-LA	Major disaster	Tropical Storm Harvey	Hurricane	\$2,213,968.21			
2017-08-28	2017-08-27	EM-3382-LA	Emergency	Tropical Storm Harvey	Hurricane	no Public Assistance recorded			same incident as DR-4345
2016-03-13	2016-03-08	DR-4263-LA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,433,603.25			
2008-09-13	2008-09-11	DR-1792-LA	Major disaster	Hurricane Ike	Hurricane (primary); also designated: Inland Flooding	\$5,556,805.47			
2008-09-11	2008-09-07	EM-3295-LA	Emergency	Hurricane Ike	Hurricane	no Public Assistance recorded			same incident as DR-1792
2008-09-02	2008-09-01	DR-1786-LA	Major disaster	Hurricane Gustav	Hurricane (primary); also designated: Inland Flooding	\$2,394,697.83			
2008-08-29	2008-08-27	EM-3289-LA	Emergency	Hurricane Gustav	Hurricane	no Public Assistance recorded			same incident as DR-1786
2006-11-02	2006-10-16	DR-1668-LA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$326,390.86			
2005-09-24	2005-09-23	DR-1607-LA	Major disaster	Hurricane Rita	Hurricane	\$91,087,274.16			
2005-09-21	2005-09-20	EM-3260-LA	Emergency	Hurricane Rita	Hurricane	no Public Assistance recorded			same incident as DR-1607
2005-08-29	2005-08-29	DR-1603-LA	Major disaster	Hurricane Katrina	Hurricane	\$1,122,551.22			
2005-08-27	2005-08-26	EM-3212-LA	Emergency	Hurricane Katrina	Hurricane	no Public Assistance recorded			same incident as DR-1603
2003-02-01	2003-02-01	EM-3172-LA	Emergency	Loss of Space Shuttle Columbia	Non-natural, not counted	no Public Assistance recorded			
2002-10-03	2002-10-01	DR-1437-LA	Major disaster	Hurricane Lili	Hurricane	\$448,594.24			
2000-09-11	2000-09-08	FM-2337-LA	Fire management	La-Western Louisiana Fire Complex-9/8/00	Wildfire	no Public Assistance recorded			
1997-03-18	1997-01-12	DR-1169-LA	Major disaster	Severe Winter Storm	Winter Weather	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>		
1992-08-26	1992-08-25	DR-956-LA	Major disaster	Hurricane Andrew	Hurricane	no Public Assistance recorded		
1989-07-17	1989-06-25	DR-835-LA	Major disaster	Tropical Storm Allison	Inland Flooding (primary); also designated: Hurricane	PA not declared for this county		
1989-05-20	1989-05-04	DR-829-LA	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1983-01-11	1983-01-11	DR-675-LA	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
1980-05-21	1980-05-21	DR-622-LA	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1979-09-25	1979-09-25	DR-604-LA	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1971-10-13	1971-10-13	DR-315-LA	Major disaster	Hurricane Edith	Hurricane (primary); also designated: Inland Flooding	no Public Assistance recorded		

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

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1964-10-03	1964-10-03	DR-178-LA	Major disaster	Hurricane Hilda	Hurricane (primary); also designated: Inland Flooding
1962-11-05	1962-11-05	DR-139-LA	Major disaster	Chlorine Barge Accident	Non-natural, not counted
1958-05-20	1958-05-20	DR-84-LA	Major disaster	Floods	Inland Flooding
1957-05-16	1957-05-16	DR-73-LA	Major disaster	Floods & Hurricane	Hurricane (primary); also designated: Inland Flooding
1956-10-04	1956-10-04	DR-64-LA	Major disaster	Hurricane	Hurricane (primary); also designated: Inland Flooding
1953-05-29	1953-05-29	DR-3-LA	Major disaster	Flood	Inland Flooding

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.

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	1	0	1	0	0	1996 to 2026-06-30	
Cold Wave	1	0	0	0	0	0	1996 to 2026-06-30	
Drought	8	1	0	1	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	226	16	0	16	0	0	1955 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Heat Wave	3	1	0	1	0	0	1996 to 2026-06-30	
Hurricane	12	0	1	0	18	1	1996 to 2026-06-30	
Ice Storm	3	0	1	0	1	0	1996 to 2026-06-30	
Inland Flooding	129	28	5	27	11	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	14	2	0	2	0	0	1996 to 2026-06-30	
Strong Wind	476	63	4	63	0	0	1955 to 2026-06-30	Includes 2 High Wind and 3 Strong Wind records.
Tornado	114	17	1	17	2	1	1950 to 2026-06-30	
Wildfire	2	0	0	0	1	0	1996 to 2026-06-30	
Winter Weather	10	1	1	1	2	1	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
2023-08-01	Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	0, 0	NWS zone LAZ241 (SOUTHERN CALCASIEU PARISH), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2021-05-17	Flash Flood		\$500,000,000 property; \$0 crops (2021 dollars)	1, 0	LAKE CHARLES LAKE to ARARET	in the 12 months before plan approval	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2020-08-26	Hurricane (Typhoon), NOAA's event type name	category 4	\$6,000,000,000 property; \$0 crops, reported for the zone (2020 dollars)	1, 0	NWS zone LAZ041 (CALCASIEU), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2019-05-09	Hail	3 in	\$10,000,000 property; \$0 crops (2019 dollars)	0, 0	VINCENT		B1-c worst recorded: Hail
2015-04-19	High Wind	64 kt (74 mph) measured gust	\$50,000 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone LAZ041 (CALCASIEU), zone-level		B1-c worst recorded: High Wind and Strong Wind
2012-07-20	Thunderstorm Wind	50 kt (58 mph) estimated gust	property not reported; \$0 crops (2012 dollars)	2, 0	LAKE CHARLES LAKE		deaths or injuries recorded
2012-07-20	Thunderstorm Wind	50 kt (58 mph) estimated gust	property not reported; \$0 crops (2012 dollars)	2, 0	LAKE CHARLES LAKE		deaths or injuries recorded
2010-01-08	Cold/Wind Chill		\$50,000 property; \$0 crops, reported for the zone (2010 dollars)	1, 0	NWS zone LAZ041 (CALCASIEU), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2008-09-12	Storm Surge/Tide		\$150,000,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone LAZ041 (CALCASIEU), zone-level		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
1996-12-29	Lightning		\$50,000 property; crops not reported (1996 dollars)	1, 2	DEQUINCY		deaths or injuries recorded
1992-11-21	Tornado	F3, 6 mi path length (whole path, pre-1996), 73 yd wide	\$2,500,000 property; crops not recorded (1992 dollars)	0, 2	location not recorded		B1-c worst recorded: Tornado
1987-02-15	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	damage not recorded (pre-1996 record)	1, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,003 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	3.66	events per year at a location (modeled)	about 3.7 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	1.05	event-days per year	about 1.05 days per year	Possible (from Storm Events: 1 of 30 years)	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	20	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	26.2	event-days per year	about 26.2 days per year	Likely (from Storm Events: 4 of 30 years)	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	896	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000723	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0723%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.52	events per year	about 1.52 per year	Highly likely	FEMA annualized frequency (modeled)	57.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	9.85	event-days per year	about 9.85 days per year	Possible (from Storm Events: 2 of 30 years)	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	176	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.14	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	58	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	0.435	event-days per year	about 0.435 days per year	Likely (from Storm Events: 3 of 30 years)	event-days in 3 of 30 years, 1996 to 2025 (10%)	30	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.43	event-days per year	about 3.43 days per year	Highly likely (from Storm Events: 27 of 30 years)	event-days in 27 of 30 years, 1996 to 2025 (90%)	96	1996 to 2023 (28 years)	see B1-f	
Landslide	0.116	events per year (modeled)	about 1 in 9 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	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
Lightning	80.8	days per year with a strike	about 80.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.518	events per year	about 0.52 per year	Likely	FEMA annualized frequency (modeled)	20	1986 to 2023 (38 years)	countywide	
Tornado	0.871	events per year	about 0.87 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.00404	annual probability at a location	chance a given location in the county burns in a year: 0.404%	Possible (from Storm Events: 1 of 30 years)	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI.
Winter Weather	0.999	event-days per year	about 0.999 days per year	Likely (from Storm Events: 9 of 30 years)	event-days in 9 of 30 years, 1996 to 2025 (30%)	19	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	87	30	2.9
Hail	2.00 in+	1996 to 2025	5	30	0.167
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	216	30	7.2
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	8	30	0.267
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	64	30	2.13
Tornado	EF0-1	1996 to 2025	42	30	1.4
Tornado	EF2-3	1996 to 2025	7	30	0.233
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Coastal Flooding	52 of 56	72.6	89.6	99.3	Very High 1, Relatively High 6, Relatively Moderate 23, Relatively Low 19, Very Low 3, No Rating 4
Cold Wave	56 of 56	15.7	75.0	94.5	Relatively High 20, Relatively Moderate 33, Relatively Low 1, Very Low 2
Drought	31 of 56	68.4	78.4	99.0	Relatively High 1, Relatively Moderate 5, Relatively Low 9, Very Low 16, No Rating 25
Earthquake	56 of 56	0.9	25.4	58.8	Relatively Low 6, Very Low 50
Hail	56 of 56	14.9	79.4	91.1	Relatively High 4, Relatively Moderate 45, Relatively Low 6, Very Low 1
Heat Wave	56 of 56	1.4	55.0	86.6	Relatively High 1, Relatively Moderate 26, Relatively Low 27, Very Low 2
Hurricane	56 of 56	56.3	96.1	99.3	Very High 17, Relatively High 35, Relatively Moderate 3, Relatively Low 1
Ice Storm	56 of 56	1.8	78.3	92.7	Relatively High 2, Relatively Moderate 45, Relatively Low 7, Very Low 2
Inland Flooding	56 of 56	0.3	80.8	97.6	Very High 3, Relatively High 30, Relatively Moderate 15, Relatively Low 5, Very Low 3
Landslide	53 of 56	17.2	45.8	83.4	Relatively Low 1, Very Low 52, No Rating 3
Lightning	56 of 56	0.3	97.1	99.8	Very High 36, Relatively High 17, Relatively Moderate 1, Very Low 2

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	56 of 56	2.1	61.0	86.0	Relatively High 1, Relatively Moderate 42, Relatively Low 11, Very Low 2
Tornado	56 of 56	4.1	75.4	96.5	Very High 2, Relatively High 27, Relatively Moderate 24, Relatively Low 2, Very Low 1
Wildfire	48 of 56	19.1	80.6	95.8	Relatively Moderate 15, Relatively Low 20, Very Low 13, No Rating 8
Winter Weather	56 of 56	10.7	24.8	41.4	Relatively Low 53, Very Low 3

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
Calcasieu Parish	County	Expired on 2026-09-15	FMA RL 149, SRL 140; any 487	\$373,150,930.68	0 total; 0 since its plan	Includes \$94,032.26 for declarations not counted as hazard incidents (DR-4484-LA).
DeQuincy city	City	Expired on 2026-09-15	FMA RL 0, SRL 0; any 1	\$6,617,123.51	2 total; 0 since its plan	
Iowa town	Town	Expired on 2026-09-15	FMA RL 6, SRL 7; any 21	\$4,967,103.98	18 total; 1 since its plan	
Lake Charles city	City	Expired on 2026-09-15	FMA RL 154, SRL 83; any 641	\$200,900,531.62	136 total; 12 since its plan	Includes \$133,899.61 for declarations not counted as hazard incidents (DR-4484-LA).
Sulphur city	City	Expired on 2026-09-15	FMA RL 24, SRL 32; any 91	\$41,181,816.26	83 total; 4 since its plan	
Vinton town	Town	Expired on 2026-09-15	FMA RL 0, SRL 0; any 1	\$9,868,520.50	60 total; 1 since its plan	
Westlake city	City	Expired on 2026-09-15	FMA RL 7, SRL 7; any 20	\$17,811,279.90	36 total; 11 since its plan	

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

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

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

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

Local data needed

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

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

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 2021-09-16 <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	\$17,179,097,419	n/a	76,925	\$2,583,455	n/a	\$310,928	0.015%		\$0		
Cold Wave	\$47,460,909,111	\$33,183,051	216,652	\$21,296	\$27,176	\$6,992,454	under 0.0001%				
Drought	n/a	\$13,266,372	n/a	n/a	\$1,069,499	n/a	8.06% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$82,038,727,274	n/a	216,785	\$399,917	n/a	\$115,320	0.000487%				
Hail	\$47,460,909,111	\$33,183,051	216,652	\$2,031,975	\$522	\$26,382	0.00428%	\$0			
Heat Wave	\$47,460,909,111	\$33,183,051	216,652	\$294	\$89	\$2,258,027	under 0.0001%		\$0		
Hurricane	\$47,460,751,262	\$33,025,271	216,650	\$67,351,854	\$185,888	\$3,462,319	0.142%			no Public Assistance recorded (1 declaration)	
Ice Storm	\$47,460,909,111	n/a	216,652	\$367,918	n/a	\$421,222	0.000775%				

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 2021-09-16 <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
Inland Flooding	\$47,380,666,959	\$13,173,131	38,241	\$58,117,684	\$4,740	\$341,139	n/a (see note)	\$71,000			NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$62,947,636	n/a	240	\$397	n/a	\$2	0.000631%				
Lightning	\$47,460,909,111	n/a	216,652	\$107,683	n/a	\$4,025,522	0.000227%	\$1,505,000			
Strong Wind	\$47,460,909,111	\$33,183,051	216,652	\$557,685	\$802	\$740,152	0.00118%	\$324,000			
Tornado	\$47,460,909,111	\$33,183,051	216,652	\$6,013,027	\$750	\$4,757,759	0.0127%	\$4,780,000	no Public Assistance recorded (1 declaration)		
Wildfire	\$3,512,579,084	\$22,931,862	36,525	\$1,074,053	\$624	\$168,018	0.0306%				
Winter Weather	\$47,460,909,111	\$33,183,051	216,652	\$1,284	\$40	\$25,729	under 0.0001%		\$0	\$25,954.59	

Totals since 2021-09-16 (Storm Events through 2026-06-30): 126 county-coded records, 126 with a damage value recorded (including \$0), \$6,680,000; 4 zone-level records, 4 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: \$25,954.59 on 2 counted declarations, 1 of them with Public Assistance.

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	216,652
Building value (total, not at risk)	\$47,460,909,111
Agriculture value (total, not at risk)	\$33,183,051
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$139,918,652
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)	\$23,644,973
Social vulnerability rating	Relatively High
Community resilience rating	Relatively Low
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	340	Severe repetitive loss, FMA definition (44 CFR 77.2)	269
Repetitive loss, NFIP insurance definition	1,049	Severe repetitive loss, NFIP insurance definition	112

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	340	269	1,049	112	1,262	191	576
of which: Calcasieu Parish (unincorporated area)	149	140	356	50	487	105	238
of which: De Quincy city	0	0	1	0	1	0	1
of which: Iowa town	6	7	17	4	21	4	11
of which: Lake Charles city	154	83	594	49	641	55	282
of which: Sulphur city	24	32	65	7	91	23	35
of which: Vinton town	0	0	1	0	1	0	1
of which: Westlake city	7	7	15	2	20	4	8
Statewide, no county in FEMA's file	0	0	4	0	4	0	0

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>
Calcasieu Parish	220037	149	140	356	50	487	105	238
DeQuincy city	220038	0	0	1	0	1	0	1
Iowa town	220039	6	7	17	4	21	4	11
Lake Charles city	220040	154	83	594	49	641	55	282
Sulphur city	220041	24	32	65	7	91	23	35
Vinton town	220042	0	0	1	0	1	0	1
Westlake city	220043	7	7	15	2	20	4	8

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	330	260	932	104	1,143	190	520
2 to 4 unit residential	8	3	45	3	46	0	10
other residential	0	0	25	0	25	0	15
non-residential	2	6	47	5	48	1	31
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 152 properties are FMA repetitive loss but not NFIP repetitive loss, and 861 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)
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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)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). Calcasieu Parish, LA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 22019). Automated baseline. <https://hazardplain.org/la/22019/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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

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