

Bossier Parish, LA

Risk-assessment baseline packet

Unit **County area 22015** Release **2026-10** As of **2026-09-28** 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.

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

OPENFEMA DISCLAIMER

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Plan clock

Status	Approved, expires 2029-01-02	Plan	Bossier Parish (FEMA plan 108583)
Approved	2024-01-03	Expires	2029-01-02
As of	2026-09-28	Days	827 days to expiry

What changed since your last plan (approved 2024-01-03)

New federal declarations	EM-3614-LA, EM-3638-LA (2 declaration rows; 2 counted incidents)	Storm Events records since approval	132 (data through 2026-06-30)
Repetitive loss now	FMA RL 28, SRL 25 (44 CFR 77.2); any definition: 103	Repeat-flood change	First release: no prior release to compare.

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

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Bossier Parish	County	Approved, expires 2029-01-02	Bossier Parish (FEMA plan 108583)	2024-01-03	2029-01-02	827		
Benton town	Town	Approved, expires 2029-01-02	Bossier Parish (FEMA plan 108583)	2024-01-03	2029-01-02	827		
Bossier City city	City	Approved, expires 2029-01-02	Bossier Parish (FEMA plan 108583)	2024-01-03	2029-01-02	827		
Haughton town	Town	Approved, expires 2029-01-02	Bossier Parish (FEMA plan 108583)	2024-01-03	2029-01-02	827		
Plain Dealing town	Town	Approved, expires 2029-01-02	Bossier Parish (FEMA plan 108583)	2024-01-03	2029-01-02	827		

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

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

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Supports B1-a: hazards

Hazards NRI does not cover: check locally

- dam failure (incl. upstream dams)
 - levee failure
 - flash flood as its own subtype
 - ice jams
- debris flows
 - erosion (riverine and coastal)
 - land subsidence and sinkholes
 - expansive soils

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Low	\$11,332,190	\$446,348	\$3,293,540	\$15,072,079	158		
2	Heat Wave	Relatively High	Relatively High	\$443	\$105	\$13,784,569	\$13,785,117	106		
3	Tornado	Relatively Moderate	Relatively Moderate	\$3,603,752	\$722	\$1,731,730	\$5,336,203	42		
4	Ice Storm	Very High	Very High	\$3,627,793		\$464,589	\$4,092,381	6		
5	Hail	Relatively Moderate	Relatively Moderate	\$1,902,507	\$2,083	\$147,022	\$2,051,612	227		
6	Strong Wind	Relatively High	Relatively High	\$221,763	\$20,588	\$1,595,386	\$1,837,737	321		Includes 2 High Wind records and 8 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Cold Wave	Relatively Low	Relatively Moderate	\$19,012	\$10	\$1,663,688	\$1,682,710	6		
8	Lightning	Relatively High	Relatively High	\$695,949		\$725,592	\$1,421,541	20		
9	Hurricane	Relatively Low	Relatively Low	\$853,487	\$23,115	\$58,716	\$935,318	4		
10	Earthquake	Relatively Low	Relatively Low	\$659,649		\$226,849	\$886,498			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
11	Drought	Relatively Low	Relatively Low		\$330,307		\$330,307	56		
12	Winter Weather	Relatively Low	Relatively Low	\$30,134	\$63	\$34,989	\$65,186	23		
13	Wildfire	Very Low	Very Low	\$18,577	\$9	\$4,531	\$23,118	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Landslide	Very Low	Very Low	\$836		\$14	\$849	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

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

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

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 33
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 33
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	11 of 33
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	33 of 33
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	33 of 33
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
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.	33 of 33
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	33 of 33
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	33 of 33
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 33
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 33
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	31 of 33
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 33

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	6, 2010 to 2026 (6 zone-level)	2 days to 4 days (median 3 days); 6 with a recorded value	4 consecutive days, 2026-01-24 to 2026-01-27, zone-level	Cold/Wind Chill, 2010-01-07, \$200,000 property; \$0 crops, reported for the zone (2010 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	56, 1996 to 2026 (56 zone-level)	7 days to 537 days (median 61 days); 16 with a recorded value	537 days (about 17.6 months), 2010-10-01 to 2012-03-20, a run of 18 consecutive Storm Events drought records, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	399, 1955 to 2026	0.5 in to 4.5 in (median 1 in); 399 with a recorded value	4.5 in hail, 1995-04-22		Event records naming member places: Benton town (43 records), Bossier City city (31 records), Plain Dealing town (27 records), Haughton town (26 records).	
Excessive Heat, Heat	heat index (narratives)	106, 1998 to 2025 (106 zone-level)	1 day to 94 days (median 4 days); 64 with a recorded value	94 days, 2011-06-01 to 2011-09-02, from 10 records, 3 of them monthly summaries (a monthly summary record covers most or all of a month; it does not count days at wave conditions), 6 direct deaths, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	4, 2005 to 2020 (4 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2008-09-13, \$500,000 property; \$0 crops, reported for the zone (2008 dollars); NWS zone LAZ002 (BOSSIER), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Ice Storm	Sperry-Piltz (local data)	6, 1997 to 2000 (6 zone- level)		No damage reported in 6 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	158, 1996 to 2026 (9 zone- level)		Flood, 2015-06-01, \$5,600,000 property; \$0 crops (2015 dollars)		Event records naming member places: Bossier City city (45 records), Benton town (13 records), Plain Dealing town (9 records), Haughton town (7 records). Zone-level records (9) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	20, 1996 to 2016		Lightning, 2002-03-12, \$10,000,000 property; crops not reported (2002 dollars)		Event records naming member places: Bossier City city (6 records), Benton town (3 records), Plain Dealing town (3 records).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	10, 1998 to 2025 (10 zone- level)	26 kt (30 mph) to 55 kt (63 mph) (median 43 kt (49 mph)); 10 with a recorded value	55 kt (63 mph), measurement type not recorded, High Wind, 1998-02-10; NWS zone LAZ002 (BOSSIER), zone- level: may include parts of neighboring counties	Strong Wind, 2008-03-18, \$50,000 property; \$0 crops, reported for the zone (2008 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	466, 1959 to 2026	43 kt (49 mph) to 91 kt (105 mph) (median 54 kt (62 mph)); 349 with a recorded value	91 kt (105 mph) estimated gust, Thunderstorm Wind, 2020-01-11; 1 recorded speed above 130 kt left out as a likely data entry error, e.g. hail size in the wind field (event 5592111)		Event records naming member places: Bossier City city (52 records), Plain Dealing town (47 records), Benton town (42 records), Haughton town (40 records).	Speeds under 20 kt (likely entry errors) are left out of the observed range.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	75, 1950 to 2026	F/EF0 to F/EF4 (median F/EF1); 75 with a recorded value	F4 tornado, 1978-12-03, 6.2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 400 yd wide, \$250,000,000 property; crops not recorded (1978 dollars), 2 direct deaths, 266 direct injuries		Event records naming member places: Bossier City city (6 records), Plain Dealing town (5 records), Benton town (4 records), Haughton town (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	23, 2006 to 2026 (23 zone-level)		No damage reported in 23 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

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

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

SOURCES

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

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

Supports B1-d: previous occurrences

Declaration rows

36

Counted incidents

26

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2026-01-24	2026-01-23	EM-3638-LA	Emergency	SEVERE WINTER STORM	Winter Weather	\$59,730.83	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	none found	new since last plan; within last 5 years	
2021-09-13	2021-09-12	EM-3574-LA	Emergency	TROPICAL STORM NICHOLAS	Hurricane	none found		
2021-08-29	2021-08-26	DR-4611-LA	Major disaster	HURRICANE IDA	Hurricane	\$6,643.91		
2021-08-27	2021-08-26	EM-3568-LA	Emergency	TROPICAL STORM IDA	Hurricane	none found		same incident as DR-4611
2021-03-09	2021-02-11	DR-4590-LA	Major disaster	SEVERE WINTER STORMS	Ice Storm	\$540,123.88		
2021-02-18	2021-02-11	EM-3556-LA	Emergency	SEVERE WINTER STORM	Ice Storm	none found		same incident as DR-4590
2020-10-27	2020-10-26	EM-3549-LA	Emergency	TROPICAL STORM ZETA	Hurricane	none found		
2020-10-16	2020-10-06	DR-4570-LA	Major disaster	HURRICANE DELTA	Hurricane	none found		
2020-10-07	2020-10-06	EM-3547-LA	Emergency	HURRICANE DELTA	Hurricane	none found		same incident as DR-4570
2020-09-14	2020-09-13	EM-3543-LA	Emergency	HURRICANE SALLY	Hurricane	none found		
2020-08-28	2020-08-22	DR-4559-LA	Major disaster	HURRICANE LAURA	Hurricane	\$153,169.42		
2020-08-23	2020-08-22	EM-3538-LA	Emergency	TROPICAL STORMS LAURA AND MARCO	Hurricane	none found		same incident as DR-4559
2020-06-07	2020-06-05	EM-3527-LA	Emergency	TROPICAL STORM CRISTOBAL	Hurricane	none found		
2020-03-24	2020-01-20	DR-4484-LA	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$528,425.85		
2020-03-13	2020-01-20	EM-3459-LA	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4484
2016-03-13	2016-03-08	DR-4263-LA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$24,793,205.20		
2015-07-13	2015-05-18	DR-4228-LA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,599,182.51		
2012-08-29	2012-08-26	DR-4080-LA	Major disaster	HURRICANE ISAAC	Hurricane	\$18,284.82		
2009-12-10	2009-10-29	DR-1863-LA	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	\$2,400,201.22		
2008-09-02	2008-09-01	DR-1786-LA	Major disaster	HURRICANE GUSTAV	Hurricane (primary); also designated: Inland Flooding	\$443,896.21		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						federal share obligated, nominal dollars		
2008-08-29	2008-08-27	EM-3289-LA	Emergency	HURRICANE GUSTAV	Hurricane	none found		same incident as DR-1786
2005-09-24	2005-09-23	DR-1607-LA	Major disaster	HURRICANE RITA	Hurricane	\$73,253.09		
2005-09-21	2005-09-20	EM-3260-LA	Emergency	HURRICANE RITA	Hurricane	none found		same incident as DR-1607
2005-08-29	2005-08-29	DR-1603-LA	Major disaster	HURRICANE KATRINA	Hurricane	\$1,776,146.28		
2005-08-27	2005-08-26	EM-3212-LA	Emergency	HURRICANE KATRINA	Hurricane	none found		same incident as DR-1603
2004-09-15	2004-09-13	DR-1548-LA	Major disaster	HURRICANE IVAN	Hurricane	none found		
2003-02-01	2003-02-01	EM-3172-LA	Emergency	LOSS OF SPACE SHUTTLE COLUMBIA	Non-natural, not counted	none found		
2001-01-12	2000-12-11	DR-1357-LA	Major disaster	SEVERE WINTER ICE STORM	Ice Storm	\$72,592.07		
1999-04-09	1999-04-03	DR-1269-LA	Major disaster	SEVERE STORMS, TORNADOES AND FLOODING	Inland Flooding; Tornado	\$816,910.90		
1994-02-28	1994-02-10	DR-1012-LA	Major disaster	SEVERE WINTER ICE STORM	Ice Storm; Winter Weather	none found		
1991-05-03	1991-04-27	DR-904-LA	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		
1991-04-23	1991-04-12	DR-902-LA	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
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		
1978-12-06	1978-12-06	DR-567-LA	Major disaster	SEVERE STORMS & TORNADOES	Tornado	none found		
1977-02-22	1977-02-22	EM-3031-LA	Emergency	DROUGHT & FREEZING	Winter Weather (primary); also designated: Drought	none found		

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

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

SOURCES

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

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

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Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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		

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

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	6	2	0	3	0	0	1996 to 2026-06-30	
Drought	56	7	4	16	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	399	26	15	42	0	0	1955 to 2026-06-30	
Heat Wave	106	21	16	48	0	0	1996 to 2026-06-30	
Hurricane	4	0	0	0	14	1	1996 to 2026-06-30	
Ice Storm	6	0	0	0	3	0	1996 to 2026-06-30	
Inland Flooding	158	38	4	49	8	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	20	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	476	23	24	60	0	0	1955 to 2026-06-30	Includes 2 High Wind records and 8 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	75	11	0	13	5	1	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

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Volcanic Activity	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	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	23	4	0	6	3	1	1996 to 2026-06-30	

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2026-01-24	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2026 dollars)	0, 0	NWS zone LAZ002 (BOSSIER), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2020-01-11	Thunderstorm Wind	91 kt (105 mph) estimated gust	\$1,300,000 property; \$0 crops (2020 dollars)	0, 0	WILLOW CHUTE		B1-c worst recorded: Thunderstorm Wind
2015-06-01	Flood		\$5,600,000 property; \$0 crops (2015 dollars)	0, 0	FERRY		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2011-06-01	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone LAZ002 (BOSSIER), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2008-09-13	Tropical Storm		\$500,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone LAZ002 (BOSSIER), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2002-03-12	Lightning		\$10,000,000 property; crops not reported (2002 dollars)	0, 0	(BAD)BARKSDALE AFB		B1-c worst recorded: Lightning
1999-04-03	Tornado	F4, 12.6 mi within this county, 200 yd wide	\$6,680,000 property; crops not reported (1999 dollars)	7, 90	BOSSIER CITY to BENTON		deaths or injuries recorded
1998-02-10	High Wind	55 kt (63 mph), measurement type not recorded	\$20,000 property; crops not reported, reported for the zone (1998 dollars)	0, 0	NWS zone LAZ002 (BOSSIER), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1995-04-22	Hail	4.5 in	\$50,000,000 property; crops not recorded (1995 dollars)	0, 0	Bossier City		B1-c worst recorded: Hail
1978-12-03	Tornado	F4, 6.2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 400 yd wide	\$250,000,000 property; crops not recorded (1978 dollars)	2, 266	location not recorded		B1-c worst recorded: Tornado

			Direct deaths, injuries		Location	Flags	Why listed
Date	Event type	Magnitude or extent	Damage	indirect not counted			
1957-01-22	Tornado	F3, 1.7 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 167 yd wide	\$250,000 property; crops not recorded (1957 dollars)	3, 9	location not recorded		deaths or injuries recorded
1950-02-12	Tornado	F4, 30.7 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$250,000 property; crops not recorded (1950 dollars)	9, 37	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,329 rows).

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

SOURCES

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

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

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

FEMA annualized frequency (modeled)		NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)							
Hazard	unit per row	Unit	In plain terms	Descriptor	Descriptor basis	NRI period	Location	Note	
Avalanche		events per year				1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.	
Coastal Flooding		events per year at a location (modeled)				not shown modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.	
Cold Wave	0.684	event-days per year	about 0.684 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	13 2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.	
Drought	25.1	event-days per year	about 25.1 days per year	Likely	event-days in 15 of 30 years, 1996 to 2025 (50%)	952 2000 to 2025 (25.25 years; D3 and D4 only)	countywide		

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Earthquake	0.00159	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.159%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	5.31	events per year	about 5.31 per year	Highly likely	FEMA annualized frequency (modeled)	201.6 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	20.7	event-days per year	about 20.7 days per year	Likely	event-days in 17 of 30 years, 1996 to 2025 (56.7%)	338	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0612	events per year	about 1 in 16 years	Possible	FEMA annualized frequency (modeled)	22	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	1.53	event-days per year	about 1.53 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	103	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.53 ice storm event-days a year here (its annualized frequency over 67 years; not its event count divided by the years), but Storm Events has a record in only 3 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Inland Flooding	2.43	event-days per year	about 2.43 days per year	Likely	event-days in 22 of 30 years, 1996 to 2025 (73.3%)	68	1996 to 2023 (28 years)	see B1-f	
Landslide	0.186	events per year (modeled)	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	64.4	days per year with a strike	about 64.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	6.03	events per year	about 6.03 per year	Highly likely	FEMA annualized frequency (modeled)	229	1986 to 2023 (38 years)	countywide	
Tornado	0.798	events per year	about 0.8 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	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
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.00032	annual probability at a location	chance a given location in the county burns in a year: 0.032%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	2.84	event-days per year	about 2.84 days per year	Likely	event-days in 13 of 30 years, 1996 to 2025 (43.3%)	54	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 2.84 winter weather event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 13 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

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

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	119	30	3.97
Hail	2.00 in+	1996 to 2025	14	30	0.467
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	269	30	8.97
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	34	30	1.13
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	27	30	0.9
Tornado	EF2-3	1996 to 2025	13	30	0.433
Tornado	EF4-5	1996 to 2025	1	30	0.0333
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 33				Not Applicable 33	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Coastal Flooding	0 of 33				Not Applicable 33	
Cold Wave	33 of 33	30.6	48.9	67.5	Relatively Moderate 20, Relatively Low 13	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	11 of 33	73.9	87.9	96.7	Relatively Moderate 2, Relatively Low 8, Very Low 1, No Rating 22	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	33 of 33	20.4	44.9	72.4	Relatively Low 22, Very Low 11	
Hail	33 of 33	73.1	84.1	93.3	Relatively High 11, Relatively Moderate 22	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	33 of 33	87.8	96.1	98.4	Very High 14, Relatively High 19	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	33 of 33	53.1	59.1	71.2	Relatively Low 33	
Ice Storm	33 of 33	93.7	97.6	99.6	Very High 16, Relatively High 17	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	33 of 33	3.1	31.4	79.2	Relatively High 1, Relatively Moderate 9, Relatively Low 17, Very Low 6	
Landslide	33 of 33	24.3	56.2	90.0	Relatively Low 3, Very Low 30	
Lightning	33 of 33	65.9	89.6	97.3	Very High 3, Relatively High 25, Relatively Moderate 5	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	33 of 33	57.1	80.6	92.2	Relatively High 15, Relatively Moderate 18	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	33 of 33	52.8	68.7	86.8	Relatively High 11, Relatively Moderate 20, Relatively Low 2	
Tsunami	0 of 33				Not Applicable 33	
Volcanic Activity	0 of 33				Not Applicable 33	
Wildfire	31 of 33	25.1	48.3	81.0	Relatively Low 6, Very Low 25, No Rating 2	
Winter Weather	33 of 33	29.9	44.0	58.8	Relatively Moderate 10, Relatively Low 23	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Bossier Parish	County	Approved, expires 2029-01-02	FMA RL 21, SRL 17; any 51	\$25,680,943.62	0; 0	Includes \$118,403.25 for declarations not counted as hazard incidents (DR-4484-LA).
Benton town	Town	Approved, expires 2029-01-02	FMA RL 0, SRL 0; any 0	\$141,965.46	105; 5	
Bossier City city	City	Approved, expires 2029-01-02	FMA RL 3, SRL 7; any 39	\$4,412,816.97	140; 12	Includes \$368,691.23 for declarations not counted as hazard incidents (DR-4484-LA).
Haughton town	Town	Approved, expires 2029-01-02	FMA RL 3, SRL 1; any 11	\$97,352.11	74; 5	
Plain Dealing town	Town	Approved, expires 2029-01-02	FMA RL 1, SRL 0; any 2	none found	91; 5	

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

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

SOURCES

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

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

Local data required

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-01-03 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$20,907,296,495	\$18,579,595	128,536	\$19,012	\$10	\$1,663,688	under 0.0001%		\$0		
Drought		\$9,421,050			\$330,307		3.51% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$36,105,234,227		128,746	\$659,649		\$226,849	0.00183%				
Hail	\$20,907,296,495	\$18,579,595	128,536	\$1,902,507	\$2,083	\$147,022	0.0091%	\$0			
Heat Wave	\$20,907,296,495	\$18,579,595	128,536	\$443	\$105	\$13,784,569	under 0.0001%		\$0		
Hurricane	\$20,906,499,346	\$18,548,947	128,528	\$853,487	\$23,115	\$58,716	0.00408%			none found (1 declaration)	
Ice Storm	\$20,907,296,495		128,536	\$3,627,793		\$464,589	0.0174%				
Inland Flooding	\$20,882,210,689	\$12,642,168	23,039	\$11,332,190	\$446,348	\$3,293,540	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. EAL as % of exposure: n/a.
Landslide	\$82,434,279		484	\$836		\$14	0.00101%				
Lightning	\$20,907,296,495		128,536	\$695,949		\$725,592	0.00333%				
Strong Wind	\$20,907,296,495	\$18,579,595	128,536	\$221,763	\$20,588	\$1,595,386	0.00106%	\$0	\$300		Storm Events damage since the plan includes 1 zone-level Strong Wind record (\$300), an event type the NRI definition of this hazard leaves out.
Tornado	\$20,907,296,495	\$18,579,595	128,536	\$3,603,752	\$722	\$1,731,730	0.0172%	\$776,000		none found (1 declaration)	
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-01-03 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$2,032,824,008	\$3,381,499	15,297	\$18,577	\$9	\$4,531	0.000914%				
Winter Weather	\$20,907,296,495	\$18,579,595	128,536	\$30,134	\$63	\$34,989	0.000144%		\$0	\$59,730.83	

Totals since 2024-01-03 (Storm Events through 2026-06-30): 96 county-coded records, 96 with a damage value recorded (including \$0), \$776,000; 36 zone-level records, 36 with a damage value recorded (including \$0), \$300 reported for the zone; Public Assistance on counted declarations \$59,730.83 (2 declarations, 1 with PA).

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

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

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	128,536
Building value (total, not at risk)	\$20,907,296,495
Agriculture value (total, not at risk)	\$18,579,595
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$23,789,440
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)	\$23,731,215
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively Low
NRI version	December 2025

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

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	28	Severe repetitive loss, FMA definition (44 CFR 77.2)	25
Repetitive loss, NFIP insurance definition	81	Severe repetitive loss, NFIP insurance definition	13

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

SOURCES

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

Repeat-flood properties: county and state-level rows

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	28	25	81	13	103	20	43
BOSSIER PARISH*	21	17	32	6	51	18	12
BOSSIER CITY, CITY OF	3	7	37	6	39	1	25
HAUGHTON, TOWN OF	3	1	10	1	11	1	6
PLAIN DEALING, TOWN OF	1	0	2	0	2	0	0
State level, not in this county: county not reported	0	0	4	0	4	0	0

SOURCES

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

Repeat-flood properties by plan member (NFIP community)

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Bossier Parish	220031	21	17	32	6	51	18	12	
Benton town	220032	0	0	0	0	0	0	0	
Bossier City city	220033	3	7	37	6	39	1	25	
Haughton town	220034	3	1	10	1	11	1	6	
Plain Dealing town	220035	1	0	2	0	2	0	0	

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

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

SOURCES

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	28	23	75	11	97	20	40
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	2	6	2	6	0	3
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

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

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

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

In this county 16 properties are FMA repetitive loss but not NFIP repetitive loss, and 69 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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_Gazetteer/2024_Gaz_elsd_national.zip

gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_LA_22015. Preview: automated baseline.