

Lonoke County, AR

Risk-assessment baseline packet

Unit **County area 05085** 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	Expired on 2024-02-05	Plan	Lonoke County (FEMA plan 101275)
Approved	2019-02-06	Expires	2024-02-05
As of	2026-09-28	Days	966 days since expiry
Update underway	none in FEMA's plan tracker		

Generally not eligible for FEMA mitigation project grants (HMGP, FMA) until a new plan is approved, barring a 44 CFR 201.6(a)(3) exception. Planning grants are not affected.

What changed since your last plan (approved 2019-02-06)

New federal declarations	EM-3461-AR (non-natural, not counted), DR-4518-AR (non-natural, not counted), EM-3541-AR, DR-4698-AR, DR-4748-AR, EM-3627-AR, DR-4873-AR, EM-3636-AR (8 declaration rows; 5 counted incidents)	Storm Events records since approval	136 (data through 2026-06-30)
Repetitive loss now	FMA RL 2, SRL 1 (44 CFR 77.2); any definition: 12	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: 15 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Lonoke County	County	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2019-07-01
Allport town	Town	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2019-07-01
Austin city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2019-07-01
Cabot city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2019-07-01
Carlisle city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Coy town	Town	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
England city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Humnoke city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Keo town	Town	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2021-09-10
Lonoke city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Ward city	City	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2019-07-01
Cabot Public Schools	School/School District	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Carlisle School District	School/School District	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
England School District	School/School District	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		
Lonoke School District	School/School District	Expired on 2024-02-05	Lonoke County (FEMA plan 101275)	2019-02-06	2024-02-05	-966		member approved 2023-01-24

SOURCE

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

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 Low	Relatively Low	\$14,273,663	\$316,422	\$665,860	\$15,255,946	86		
2	Earthquake	Relatively Moderate	Relatively Moderate	\$4,903,408		\$5,030,487	\$9,933,894			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
3	Tornado	Relatively Moderate	Relatively Moderate	\$2,572,127	\$3,492	\$4,168,244	\$6,743,865	57		
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$138	\$1,194	\$2,431,291	\$2,432,623	13		
5	Ice Storm	Very High	Very High	\$1,591,832		\$489,267	\$2,081,099	7		
6	Strong Wind	Relatively High	Relatively High	\$337,360	\$242	\$1,712,512	\$2,050,114	291		Includes 2 High Wind records and 9 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Cold Wave	Relatively Low	Relatively Low	\$16,777	\$1,316	\$914,372	\$932,464	6		Includes 6 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
8	Hail	Relatively Low	Relatively Moderate	\$223,303	\$308,815	\$185,351	\$717,469	215		
9	Lightning	Relatively Moderate	Relatively Moderate	\$134,396		\$402,707	\$537,104	9		
10	Winter Weather	Relatively Moderate	Relatively Moderate	\$119,352	\$1,414	\$11,237	\$132,002	58		
11	Hurricane	Very Low	Very Low	\$63,553	\$48,829	\$3,174	\$115,556	6		Includes 3 Tropical Depression records, event types the NRI definition of this hazard leaves out.
12	Drought	Relatively Low	Relatively Low		\$78,775		\$78,775	19		
13	Wildfire	Very Low	Very Low	\$45,668	\$118	\$17,655	\$63,441	1		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
14	Landslide	Very Low	Very Low	\$780			\$26	\$805	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 rated of all tracts
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 18
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 18
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	14 of 18
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.	18 of 18

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
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.	18 of 18
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
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.	18 of 18
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.	18 of 18
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18
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.	18 of 18
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 18
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 18
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.	18 of 18
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 18

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	6, 2007 to 2014 (6 zone-level)		No crop damage reported in 6 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Drought	US Drought Monitor D-scale	19, 2000 to 2017 (19 zone-level)	1 day to 190 days (median 17 days); 7 with a recorded value	190 days (about 6.2 months), 2010-10-19 to 2011-04-26, a run of 7 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)	275, 1956 to 2026	0.75 in to 4.5 in (median 1 in); 274 with a recorded value	4.5 in hail, 1991-04-09	Hail, 2009-06-30, \$5,000,000 property; \$7,000,000 crops (2009 dollars)	Event records naming member places: Cabot city (64 records), Ward city (21 records), Lonoke city (20 records), England city (17 records), Austin city (15 records), Carlisle city (11 records), Humnoke city (10 records), Keo town (8 records).	
Excessive Heat, Heat	heat index (narratives)	13, 1999 to 2015 (13 zone-level)	1 day to 42 days (median 7 days); 9 with a recorded value	42 days, 2012-06-25 to 2012-08-05, from 3 records, 1 of them a monthly summary (a monthly summary record covers most or all of a month; it does not count days at wave conditions), zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	6, 2005 to 2020 (6 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 to 2008-09-14, \$750,000 property; \$0 crops, reported for the zone (2008 dollars); NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties	Most damaging recorded: Tropical Depression, 2012-08-30, \$750,000 property; crops not reported, reported for the zone (2012 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	7, 1998 to 2023 (7 zone-level)		Ice Storm, 2014-02-04, \$200,000 property; \$0 crops, reported for the zone (2014 dollars); NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	86, 1996 to 2025		Flood, 2011-05-01, \$2,000,000 property; \$7,000,000 crops (2011 dollars), 1 direct death		Event records naming member places: Cabot city (22 records), England city (10 records), Austin city (8 records), Lonoke city (8 records), Ward city (7 records), Carlisle city (4 records), Coy town (1 record).	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
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)	9, 1996 to 2021		Lightning, 2008-03-15, \$1,000,000 property; \$0 crops (2008 dollars)		Event records naming member places: Cabot city (2 records), England city (2 records), Lonoke city (2 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)	11, 1998 to 2017 (11 zone-level)	35 kt (40 mph) to 50 kt (58 mph) (median 40 kt (46 mph)); 11 with a recorded value	50 kt (58 mph) estimated gust, High Wind, 2006-03-20; NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties	Strong Wind, 2008-01-29, \$250,000 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)	372, 1955 to 2026	30 kt (35 mph) to 85 kt (98 mph) (median 52 kt (60 mph)); 291 with a recorded value	85 kt (98 mph) estimated gust, Thunderstorm Wind, 2005-07-22	Thunderstorm Wind, 2009-06-12, \$500,000 property; \$0 crops (2009 dollars)	Event records naming member places: Cabot city (65 records), Lonoke city (40 records), Ward city (31 records), England city (25 records), Carlisle city (12 records), Austin city (11 records), Humnoke city (7 records), Keo town (4 records), Allport town (1 record), Coy town (1 record).	

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)	89, 1951 to 2026	F/EF0 to F/EF4 (median F/EF1); 87 with a recorded value	F4 tornado, 1952-03-21, 7.6 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide, \$250,000 property; crops not recorded (1952 dollars), 2 direct deaths, 6 direct injuries	Tornado, 1976-03-29, \$25,000,000 property; crops not recorded (1976 dollars)	Event records naming member places: Cabot city (10 records), Coy town (3 records), England city (3 records), Lonoke city (3 records), Ward city (3 records), Carlisle city (2 records), Humnoke city (2 records), Keo town (2 records), Allport town (1 record), Austin city (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)	1, 2012 to 2012 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	58, 1997 to 2026 (58 zone-level)		Winter Storm, 2012-12-25, \$3,000,000 property; \$0 crops, reported for the zone (2012 dollars); NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

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

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

SOURCES

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

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

Supports B1-d: previous occurrences

Declaration rows

29

Counted incidents

24

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-3636-AR	Emergency	SEVERE WINTER STORM	Winter Weather	none found		new since last plan; within last 5 years	
2025-05-21	2025-04-02	DR-4873-AR	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding (primary); also designated: Tornado	\$396,209.40		new since last plan; within last 5 years	
2025-04-05	2025-04-02	EM-3627-AR	Emergency	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	none found		new since last plan; within last 5 years	same incident as DR-4873
2023-11-14	2023-06-25	DR-4748-AR	Major disaster	SEVERE STORMS, STRAIGHT-LINE WINDS, AND TORNADOES	Strong Wind; Tornado	\$214,122.65		new since last plan; within last 5 years	
2023-04-02	2023-03-31	DR-4698-AR	Major disaster	SEVERE STORMS AND TORNADOES	Tornado	\$314,992.65		new since last plan; within last 5 years	
2020-08-27	2020-08-26	EM-3541-AR	Emergency	HURRICANE LAURA	Hurricane	none found		new since last plan	
2020-04-03	2020-01-20	DR-4518-AR	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$14,698.39		new since last plan	
2020-03-13	2020-01-20	EM-3461-AR	Emergency	COVID-19	Non-natural, not counted	none found		new since last plan	same incident as DR-4518
2013-01-29	2012-12-25	DR-4100-AR	Major disaster	SEVERE WINTER STORM	Ice Storm	\$157,725.39			
2011-05-02	2011-04-14	DR-1975-AR	Major disaster	SEVERE STORMS, TORNADOES, AND ASSOCIATED FLOODING	Inland Flooding; Tornado	\$315,922.94			
2010-02-04	2009-12-23	DR-1872-AR	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$72,548.16			
2009-01-28	2009-01-26	EM-3301-AR	Emergency	SEVERE WINTER STORM	Ice Storm	none found			
2008-05-20	2008-05-02	DR-1758-AR	Major disaster	SEVERE STORMS, FLOODING, AND TORNADOES	Inland Flooding; Tornado	\$88,489.15			
2008-03-26	2008-03-18	DR-1751-AR	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	\$126,616.03			
2005-09-02	2005-08-29	EM-3215-AR	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found			
2003-06-06	2003-05-02	DR-1472-AR	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	PA not declared for this county			
2000-12-29	2000-12-12	DR-1354-AR	Major disaster	SEVERE WINTER ICE STORM	Ice Storm (primary); also designated: Cold Wave	\$3,264,042.91			
2000-12-28	2000-12-12	EM-3159-AR	Emergency	SEVERE WINTER ICE STORM	Ice Storm	none found			same incident as DR-1354
1999-01-23	1999-01-21	DR-1266-AR	Major disaster	AR SEVERE WEATHER 1-21-99	Tornado	PA not declared for this county			
1997-04-14	1997-04-04	DR-1176-AR	Major disaster	FLOODING, SEVERE STORMS	Inland Flooding	none found			
1997-03-02	1997-03-01	DR-1162-AR	Major disaster	SEVERE STORMS AND TORNADOES	Tornado	none found			

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1988-11-23	1988-11-15	DR-817-AR	Major disaster	SEVERE STORMS & TORNADOES	Tornado	PA not declared for this county		
1987-12-31	1987-12-24	DR-807-AR	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	PA not declared for this county		
1982-04-23	1982-04-23	EM-3085-AR	Emergency	SEVERE STORMS & TORNADOES	Tornado	PA not declared for this county		
1980-04-16	1980-04-16	DR-617-AR	Major disaster	SEVERE STORMS & TORNADOES	Tornado	PA not declared for this county		
1978-04-22	1978-04-22	EM-3062-AR	Emergency	TORNADOES	Tornado	none found		
1976-04-01	1976-04-01	DR-498-AR	Major disaster	TORNADOES	Tornado	none found		
1969-02-15	1969-02-15	DR-254-AR	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1968-05-29	1968-05-29	DR-239-AR	Major disaster	TORNADOES, SEVERE STORMS & FLOODING	Tornado (primary); also designated: Inland Flooding	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)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1964-03-20	1964-03-20	DR-166-AR	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding		
1963-08-02	1963-08-02	DR-157-AR	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding		
1961-05-16	1961-05-16	DR-112-AR	Major disaster	FLOODS & TORNADOES	Inland Flooding (primary); also designated: Tornado		
1960-05-28	1960-05-28	DR-102-AR	Major disaster	TORNADOES & FLOODS	Tornado (primary); also designated: Inland Flooding		
1958-05-15	1958-05-15	DR-83-AR	Major disaster	HEAVY RAINSTORMS & FLOODS	Inland Flooding		
1957-05-29	1957-05-29	DR-77-AR	Major disaster	TORNADOES, RAIN, HAIL & FLOODS	Tornado (primary); also designated: Hail, 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)

Public Assistance filed under this county for declarations that do not list it: 1 row, \$107,178.66

FEMA number	Declared	Title	Applicant	PA obligated
federal share obligated, nominal dollars				
DR-4441-AR	2019-06-08	SEVERE STORMS AND FLOODING	Plum Bayou Levee District	\$107,178.66

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

SOURCESFEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)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	0	0	0	1	0	1996 to 2026-06-30	Includes 6 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	19	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	275	47	3	39	0	0	1955 to 2026-06-30	
Heat Wave	13	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	6	1	0	0	1	1	1996 to 2026-06-30	Includes 3 Tropical Depression records, event types the NRI definition of this hazard leaves out.
Ice Storm	7	1	0	1	3	0	1996 to 2026-06-30	
Inland Flooding	86	15	14	7	10	1	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	9	1	1	0	0	0	1996 to 2026-06-30	
Strong Wind	383	50	9	25	1	1	1955 to 2026-06-30	Includes 2 High Wind records and 9 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	89	9	0	3	15	3	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
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	1	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	58	12	2	9	1	1	1996 to 2026-06-30	

SOURCESNOAA 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
2014-02-04	Ice Storm		\$200,000 property; \$0 crops, reported for the zone (2014 dollars)	0, 0	NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2012-12-25	Winter Storm		\$3,000,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2012-06-25	Heat		damage not reported	0, 0	NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2011-05-01	Flood		\$2,000,000 property; \$7,000,000 crops (2011 dollars)	1, 0	AUSTIN to TOLTEC		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2008-03-15	Lightning		\$1,000,000 property; \$0 crops (2008 dollars)	0, 0	LONOKE		B1-c worst recorded: Lightning
2006-03-20	High Wind	50 kt (58 mph) estimated gust	damage not reported	0, 0	NWS zone ARZ045 (LONOKE), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2005-07-22	Thunderstorm Wind	85 kt (98 mph) estimated gust	damage not reported	0, 0	SCOTT		B1-c worst recorded: Thunderstorm Wind
1991-04-09	Hail	4.5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail
1988-11-15	Tornado	F2, 12 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 250 yd wide	\$25,000,000 property; crops not recorded (1988 dollars)	2, 8	location not recorded		deaths or injuries recorded
1976-03-29	Tornado	F3, 12.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$25,000,000 property; crops not recorded (1976 dollars)	5, 64	location not recorded		deaths or injuries recorded
1952-03-21	Tornado	F4, 7.6 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide	\$250,000 property; crops not recorded (1952 dollars)	2, 6	location not recorded		B1-c worst recorded: Tornado
1952-03-21	Tornado	F3, 16.2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide	\$250,000 property; crops not recorded (1952 dollars)	9, 9	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (952 rows).

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

SOURCES

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

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

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	1	event-days per year	about 1 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	19	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	10.7	event-days per year	about 10.7 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	322	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 10.7 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 6 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.
Earthquake	0.00549	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.549%			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	4.66	events per year	about 4.66 per year	Highly likely	FEMA annualized frequency (modeled)	176.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	18.5	event-days per year	about 18.5 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	306	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 18.5 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 6 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.

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
Hurricane	0.0228	events per year	about 1 in 44 years	Possible	FEMA annualized frequency (modeled)	6	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	1.15	event-days per year	about 1.15 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	77	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.15 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 6 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	1.96	event-days per year	about 1.96 days per year	Likely	event-days in 22 of 30 years, 1996 to 2025 (73.3%)	55	1996 to 2023 (28 years)	see B1-f	
Landslide	0.227	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	59.4	days per year with a strike	about 59.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	3.01	events per year	about 3.01 per year	Highly likely	FEMA annualized frequency (modeled)	115	1986 to 2023 (38 years)	countywide	
Tornado	0.652	events per year	about 0.65 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.000638	annual probability at a location	chance a given location in the county burns in a year: 0.0638%	Possible	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: the NRI value is the chance at a location in the county, not how often the hazard affects the county.

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
Winter Weather	5	event-days per year	about 5 days per year	Likely	event-days in 22 of 30 years, 1996 to 2025 (73.3%)	95	2005-11-12 to 2024-11-12 (19 years)	countywide	

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
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	111	30	3.7
Hail	2.00 in+	1996 to 2025	12	30	0.4
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	266	30	8.87
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	11	30	0.367
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	2	30	0.0667
Tornado	EF0-1	1996 to 2025	43	30	1.43
Tornado	EF2-3	1996 to 2025	12	30	0.4
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

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 18				Not Applicable 18	
Coastal Flooding	0 of 18				Not Applicable 18	
Cold Wave	18 of 18	27.2	47.2	62.0	Relatively Moderate 9, Relatively Low 9	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	14 of 18	67.5	77.4	92.5	Relatively Moderate 1, Relatively Low 6, Very Low 7, No Rating 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. 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	18 of 18	79.4	85.5	94.6	Relatively High 4, Relatively Moderate 14	
Hail	18 of 18	65.0	76.2	92.0	Relatively High 2, Relatively Moderate 13, Relatively Low 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Heat Wave	18 of 18	48.3	82.9	91.9	Relatively High 7, Relatively Moderate 10, Relatively Low 1	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	18 of 18	41.9	46.8	56.3	Relatively Low 4, Very Low 14	
Ice Storm	18 of 18	92.1	97.3	99.3	Very High 6, Relatively High 12	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	18 of 18	24.4	59.3	95.2	Relatively High 3, Relatively Moderate 13, Relatively Low 2	
Landslide	18 of 18	26.7	51.5	88.1	Relatively Low 2, Very Low 16	
Lightning	18 of 18	43.2	76.4	91.3	Relatively High 7, Relatively Moderate 10, Relatively Low 1	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	18 of 18	68.8	90.7	96.7	Very High 2, Relatively High 15, Relatively Moderate 1	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	18 of 18	62.3	87.8	97.4	Very High 5, Relatively High 12, Relatively Moderate 1	
Tsunami	0 of 18				Not Applicable 18	
Volcanic Activity	0 of 18				Not Applicable 18	
Wildfire	18 of 18	47.0	73.5	85.2	Relatively Low 12, Very Low 6	
Winter Weather	18 of 18	55.4	73.2	89.3	Relatively High 2, Relatively Moderate 16	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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

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

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Lonoke County	County	Expired on 2024-02-05	FMA RL 2, SRL 1; any 8	\$3,922,925.93	0; 0	

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>	
Allport town	Town	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	none found	2; 0	
Austin city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	none found	35; 12	
Cabot city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 3	\$358,644.68	163; 27	Includes \$14,698.39 for declarations not counted as hazard incidents (DR-4518-AR).
Carlisle city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	\$239,577.49	29; 1	
Coy town	Town	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	none found	5; 1	
England city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	\$84,560.12	57; 5	
Humnoke city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	none found	19; 0	
Keo town	Town	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	none found	14; 0	
Lonoke city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 1	\$308,864.82	73; 4	
Ward city	City	Expired on 2024-02-05	FMA RL 0, SRL 0; any 0	\$47,944.63	62; 11	

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 2019-02-06 <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	\$10,946,703,643	\$237,215,345	74,002	\$16,777	\$1,316	\$914,372	0.000153%				
Drought		\$143,212,900			\$78,775		0.055% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$18,286,100,805		74,015	\$4,903,408		\$5,030,487	0.0268%				
Hail	\$10,946,703,643	\$237,215,345	74,002	\$223,303	\$308,815	\$185,351	0.00204%	\$0			
Heat Wave	\$10,946,703,643	\$237,215,345	74,002	\$138	\$1,194	\$2,431,291	under 0.0001%				
Hurricane	\$10,883,652,455	\$224,294,425	73,514	\$63,553	\$48,829	\$3,174	0.000584%		\$5,000	none found (1 declaration)	
Ice Storm	\$10,945,387,135		73,985	\$1,591,832		\$489,267	0.0145%		\$0		
Inland Flooding	\$10,940,285,321	\$70,159,180	4,179	\$14,273,663	\$316,422	\$665,860	n/a (see note)	\$0		\$396,209.40	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	\$62,848,530		436	\$780		\$26	0.00124%				
Lightning	\$10,946,703,643		74,002	\$134,396		\$402,707	0.00123%	\$200,000			
Strong Wind	\$10,946,703,643	\$237,215,345	74,002	\$337,360	\$242	\$1,712,512	0.00308%	\$120,000		\$214,122.65	
Tornado	\$10,946,703,643	\$237,215,345	74,002	\$2,572,127	\$3,492	\$4,168,244	0.0235%	\$4,725,000		\$925,324.70	
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$1,057,630,715	\$27,207,155	16,247	\$45,668	\$118	\$17,655	0.00432%				

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 2019-02-06 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Winter Weather	\$10,946,703,643	\$237,215,345	74,002	\$119,352	\$1,414	\$11,237	0.00109%		\$0	none found (1 declaration)	

Totals since 2019-02-06 (Storm Events through 2026-06-30): 122 county-coded records, 113 with a damage value recorded (including \$0), \$5,045,000; 14 zone-level records, 12 with a damage value recorded (including \$0), \$5,000 reported for the zone; Public Assistance on counted declarations \$925,324.70 (6 declarations, 3 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	74,002
Building value (total, not at risk)	\$10,946,703,643
Agriculture value (total, not at risk)	\$237,215,345
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$25,042,974
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)	\$16,032,182
Social vulnerability rating	Very Low
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)	2	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	12	Severe repetitive loss, NFIP insurance definition	1

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	2	1	12	1	12	0	4
CABOT, CITY OF	0	0	3	0	3	0	1
LONOKE, CITY OF	0	0	1	0	1	0	1
LONOKE COUNTY*	2	1	8	1	8	0	2
State level, not in this county: county not reported	0	0	3	0	3	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
Lonoke County	050448	2	1	8	1	8	0	2	
Allport town	050379	0	0	0	0	0	0	0	
Austin city	050383	0	0	0	0	0	0	0	
Cabot city	050309	0	0	3	0	3	0	1	
Carlisle city	050312	0	0	0	0	0	0	0	
Coy town	050402	0	0	0	0	0	0	0	
England city	050133	0	0	0	0	0	0	0	
Humnoke city	050258	0	0	0	0	0	0	0	
Keo town	050259	0	0	0	0	0	0	0	
Lonoke city	050341	0	0	1	0	1	0	1	
Ward city	050372	0	0	0	0	0	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	2	1	10	1	10	0	3
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	2	0	2	0	1
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 fmaRL field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRL) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 10 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, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Cite this: Hazard Plain (2026). Lonoke County, AR: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 05085). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_AR_05085. Preview: automated baseline.