

Hughes County, OK

Risk-assessment baseline packet

County FIPS: 40063 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2029-08-07. Plan: Hughes County (FEMA plan 109800), approved 2024-08-08.

Since the plan was approved on 2024-08-08: no new hazard declaration and 52 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Hail (\$1,903,054 a year), Inland Flooding (\$1,877,785) and Tornado (\$1,820,389).

The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.

NRI: FEMA's National Risk Index (version 1.20, December 2025).

NFIP: National Flood Insurance Program.

RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).

FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.

PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.

Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.

County-coded: NOAA logged the event to this county.

FIPS: the federal code for a place; 40063 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

Status:	Approved, expires 2029-08-07	Plan:	Hughes County (FEMA plan 109800)
Approved:	2024-08-08	Days to expiry:	1,042

What changed since your last plan (approved 2024-08-08)

New federal declarations:	none	Storm Events records since approval:	52 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 0	Repeat-flood change:	this release sets the baseline count.

Sources: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county: 25 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Hughes County	County	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-08-05
Allen town	Town	Approved, expires 2028-02-23	Pontotoc County (FEMA plan 108738)	2023-02-24	2028-02-23	511		this jurisdiction approved 2023-02-25
Atwood town	Town	Plan 109800 approved 2024-08-08, pending adoption here; not yet eligible	Hughes County (FEMA plan 109800), pending adoption here	2024-08-08 by FEMA; not yet adopted here	2029-08-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Calvin town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-10-16
Dustin town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2025-02-06
Gerty town	Town	Plan 109800 approved 2024-08-08, pending adoption here; not yet eligible	Hughes County (FEMA plan 109800), pending adoption here	2024-08-08 by FEMA; not yet adopted here	2029-08-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Holdenville city	City	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-09-12
Horntown town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-11-19
Lamar town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2025-07-08
Spaulding town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2025-07-08
Stuart town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2025-07-08
Wetumka city	City	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-09-12

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Yeager town	Town	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-10-10
Allen Public Schools	School/School District	Approved, expires 2028-02-23	Pontotoc County (FEMA plan 108738)	2023-02-24	2028-02-23	511		this jurisdiction approved 2023-02-25
Butner Public Schools	School/School District	Approved, expires 2029-04-23	Seminole County (FEMA plan 106495)	2024-04-24	2029-04-23	936		this jurisdiction approved 2024-05-14
Calvin Public Schools	School/School District	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-10-16
Graham-Dustin Public Schools	School/School District	Expired on 2018-07-30	Okfuskee County (FEMA plan 57395)	2013-07-30	2018-07-30	-2,984	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. this jurisdiction approved 2013-07-31
Holdenville Public Schools	School/School District	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2025-07-08
Moss Public Schools	School/School District	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-10-30
Sasakwa Public Schools	School/School District	Approved, expires 2029-04-23	Seminole County (FEMA plan 106495)	2024-04-24	2029-04-23	936		this jurisdiction approved 2024-08-07
Stuart Public Schools	School/School District	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-09-12
Wetumka Public Schools	School/School District	Plan 109800 approved 2024-08-08, pending adoption here; not yet eligible	Hughes County (FEMA plan 109800), pending adoption here	2024-08-08 by FEMA; not yet adopted here	2029-08-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wewoka Public Schools	School/School District	Approved, expires 2029-04-23	Seminole County (FEMA plan 106495)	2024-04-24	2029-04-23	936		this jurisdiction approved 2024-05-01
Name not given in FEMA data (ID NM06_58663)	School/School District	Expired on 2017-09-24	Wetumka (FEMA plan 58663)	2012-09-24	2017-09-24	-3,293		
Wes Watkins Technology Center	School/School District	Approved, expires 2029-08-07	Hughes County (FEMA plan 109800)	2024-08-08	2029-08-07	1,042		this jurisdiction approved 2024-11-19

FEMA plan data lists 1 school district row with no name (FEMA IDs only) and 10 named school districts. FEMA files some districts under two ID schemes on different plans, so a named district's 'No approved plan on record' can sit beside an unnamed row that has a plan.

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Hail	Relatively Moderate	Relatively Moderate	\$1,837,520	\$3,777	\$61,756	\$1,903,054	131	
2	Inland Flooding	Very Low	Very Low	\$1,824,416	\$50,829	\$2,540	\$1,877,785	10	
3	Tornado	Relatively Low	Relatively Low	\$445,758	\$25,682	\$1,348,950	\$1,820,389	15	
4	Wildfire	Relatively Moderate	Relatively Moderate	\$862,753	\$37,797	\$268,210	\$1,168,760	9	
5	Cold Wave	Relatively Low	Relatively Low	\$5,243	\$403,872	\$520,682	\$929,797	10	Includes 1 Frost/Freeze record (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
6	Ice Storm	Relatively High	Relatively High	\$553,577	n/a	\$4,689	\$558,266	7	
7	Heat Wave	Relatively Low	Relatively Low	\$45	\$2,200	\$546,244	\$548,489	74	
8	Drought	Relatively Moderate	Relatively Low	n/a	\$350,602	n/a	\$350,602	64	
9	Strong Wind	Relatively Low	Relatively Low	\$83,479	\$446	\$95,465	\$179,390	107	Includes 6 High Wind and 1 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
10	Earthquake	Very Low	Very Low	\$75,544	n/a	\$31,872	\$107,416		Storm Events does not record earthquakes.
11	Lightning	Relatively Low	Relatively Low	\$7,615	n/a	\$85,736	\$93,351	2	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Winter Weather	Relatively Low	Relatively Low	\$25,637	\$3,489	\$24,981	\$54,107	32	
13	Hurricane	Very Low	Very Low	\$4,774	\$17,923	\$116	\$22,813	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$57	n/a	\$2,644	\$2,701	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

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

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 4846 (Relatively Low, 52.7); tract 4849 (Relatively Low, 51.6); tract 4848 (Relatively Low, 48.6)
Hurricane	tract 4847 (Relatively Low, 51.6); tract 4846 (Very Low, 50.7); tract 4850 (Very Low, 49.5)
Landslide	tract 4850 (Relatively Low, 93.6); tract 4847 (Relatively Low, 93.0); tract 4846 (Relatively Low, 87.9)
Tornado	tract 4848 (Very High, 97.7); tract 4846 (Very High, 95.3); tract 4850 (Relatively High, 88.6)
Wildfire	tract 4847 (Relatively High, 98.0); tract 4846 (Relatively High, 97.9); tract 4848 (Relatively High, 96.9)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 4846 is Census Tract 4846). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	9 records, 1996 to 2025 (9 zone-level)	1 day to 5 days (median 3 days); 8 with a recorded value	5 consecutive days, 1996-02-01 to 1996-02-05, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2023 (1 zone-level)		No crop damage reported in 1 record.		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	64 records, 2000 to 2026 (64 zone-level)	1 day to 414 days (median 55 days); 16 with a recorded value	414 days (about 13.6 months), 2005-12-01 to 2007-01-18, a run of 14 consecutive Storm Events drought records, zone-level	Drought, 2000-08-01, property not reported; \$8,330,000 crops (zone total, 2000 dollars)	Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	221 records, 1956 to 2026 (2 zone-level)	0.75 in to 4.5 in (median 1 in); 221 with a recorded value	4.5 in hail, 1994-05-07		Event records naming jurisdictions in the plan: Holdenville city (37 records), Wetumka city (18 records), Lamar town (17 records), Atwood town (16 records), Dustin town (14 records), Calvin town (13 records), Gerty town (13 records), Stuart town (7 records), Yeager town (4 records), Horntown town (1 record); and 1 more jurisdiction (see the Excel file). Zone-level records (2) apply countywide.	
Excessive Heat, Heat	heat index (in event narratives)	74 records, 2001 to 2025 (74 zone-level)	1 day to 29 days (median 2 days); 29 with a recorded value	29 consecutive days, 2006-07-16 to 2006-08-13, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	7 records, 1996 to 2010 (7 zone-level)		Ice Storm, 2010-01-28, \$8,000,000 property; \$0 crops (2010 dollars); NWS zone OKZ032		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	10 records, 1997 to 2021 (1 zone-level)		Flood, 1999-04-23, \$300,000 property; crops not reported (1999 dollars); NWS zone OKZ032		Event records naming jurisdictions in the plan: Holdenville city (6 records), Atwood town (1 record), Gerty town (1 record), Wetumka city (1 record), Yeager town (1 record). Zone-level records (1) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	2 records, 1997 to 1999		Lightning, 1997-07-18, \$100,000 property; crops not reported (1997 dollars)		Event records naming jurisdictions in the plan: Holdenville city (2 records).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	7 records, 1996 to 2005 (7 zone-level)	39 kt (45 mph) to 53 kt (61 mph) (median 45 kt (52 mph)); 4 with a recorded value	53 kt (61 mph) measured gust, High Wind, 2005-11-27; NWS zone OKZ032		Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	151 records, 1956 to 2025 (1 zone-level)	50 kt (58 mph) to 78 kt (90 mph) (median 56 kt (64 mph)); 92 with a recorded value	78 kt (90 mph) estimated gust, Thunderstorm Wind, 2023-09-23		Event records naming jurisdictions in the plan: Holdenville city (51 records), Calvin town (13 records), Lamar town (8 records), Atwood town (7 records), Dustin town (6 records), Wetumka city (6 records), Stuart town (5 records), Gerty town (3 records), Yeager town (3 records), Allen town (1 record); and 1 more jurisdiction (see the Excel file). Zone-level records (1) apply countywide.	Speeds under 20 kt (likely entry errors) are left out of the observed range.
Tornado	Enhanced Fujita (Fujita before Feb 2007)	41 records, 1950 to 2026	F/EF0 to F/EF4 (median F/EF1); 40 with a recorded value	F4 tornado, 1950-04-28, 4.5 mi path length (whole path, pre-1996), 200 yd wide, \$250,000 property; crops not recorded (1950 dollars), 5 direct deaths, 32 direct injuries	Tornado, 1954-05-01, \$2,500,000 property; crops not recorded (1954 dollars)	Event records naming jurisdictions in the plan: Holdenville city (4 records), Wetumka city (3 records), Yeager town (3 records), Allen town (2 records), Dustin town (2 records), Lamar town (2 records), Spaulding town (2 records), Atwood town (1 record), Gerty town (1 record), Horntown town (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	9 records, 2005 to 2026 (9 zone-level)		Wildfire, 2005-12-27, \$800,000 property; crops not reported (2005 dollars), 1 direct death (reported for the zone); NWS zone OKZ032		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	32 records, 1996 to 2026 (32 zone-level)		Winter Storm, 2007-01-12, \$472,000 property; \$0 crops (2007 dollars); NWS zone OKZ032		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow and lightning.

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 27 declarations covering 20 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2024-04-30	2024-04-25	DR-4776-OK	Major disaster	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Tornado (primary); also designated: Inland Flooding, Strong Wind	\$773,369.70	in the 12 months before plan approval; within last 5 years	
2021-02-24	2021-02-08	DR-4587-OK	Major disaster	Severe Winter Storms	Ice Storm	no Public Assistance recorded		
2021-02-17	2021-02-08	EM-3555-OK	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded		same incident as DR-4587
2020-04-05	2020-01-20	DR-4530-OK	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded		
2020-03-13	2020-01-20	EM-3462-OK	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4530
2016-02-10	2015-12-26	DR-4256-OK	Major disaster	Severe Winter Storms and Flooding	Inland Flooding; Winter Weather	\$358,535.96		
2015-05-26	2015-05-05	DR-4222-OK	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	Inland Flooding; Strong Wind; Tornado	\$1,658,550.29		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2013-05-20	2013-05-18	DR-4117-OK	Major disaster	Severe Storms, Tornadoes, and Flooding	Tornado (primary); also designated: Inland Flooding	\$310,929.10			
2011-02-02	2011-01-31	EM-3316-OK	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded			
2010-03-05	2010-01-28	DR-1883-OK	Major disaster	Severe Winter Storm	Ice Storm	\$816,973.57			
2010-02-25	2009-12-24	DR-1876-OK	Major disaster	Severe Winter Storm	Winter Weather	\$156,086			
2010-01-30	2010-01-28	EM-3308-OK	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded			same incident as DR-1883
2009-02-17	2009-01-26	DR-1823-OK	Major disaster	Severe Winter Storm	Winter Weather	\$67,704.39			
2008-05-09	2008-04-09	DR-1754-OK	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Tornado	\$649,798.22			
2008-05-05	2008-03-17	DR-1752-OK	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$261,940.80			
2007-12-10	2007-12-08	EM-3280-OK	Emergency	Severe Winter Storms	Ice Storm	no Public Assistance recorded			
2007-07-07	2007-06-10	DR-1712-OK	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding; Tornado	\$496,097.02			
2007-06-07	2007-05-04	DR-1707-OK	Major disaster	Severe Storms, Tornadoes and Flooding	Inland Flooding; Tornado	\$301,878.17			
2007-02-01	2007-01-12	DR-1678-OK	Major disaster	Severe Winter Storms	Winter Weather	\$233,214.81			
2007-01-14	2007-01-12	EM-3272-OK	Emergency	Severe Winter Storms and Flooding	Ice Storm	no Public Assistance recorded			same incident as DR-1678
2006-01-10	2005-11-27	DR-1623-OK	Major disaster	Extreme Wildfire Threat	Wildfire	\$39,172.40			
2005-09-05	2005-08-29	EM-3219-OK	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded			
2001-01-05	2000-12-25	DR-1355-OK	Major disaster	Severe Winter Ice Storm	Ice Storm	\$2,561,610.15			
2000-12-28	2000-12-25	EM-3158-OK	Emergency	Severe Winter and Ice Storm	Ice Storm	no Public Assistance recorded			same incident as DR-1355
1990-05-18	1990-04-14	DR-866-OK	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded			

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1983-06-10	1983-06-10	DR-685-OK	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		
1973-12-10	1973-12-10	DR-409-OK	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$5,625 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan participants in this county. They have no row of their own in the jurisdiction table, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county), so this line is not added to it.

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

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1995-04-19	1995-04-19	EM-3115-OK	Emergency	Explosion at Federal Courthouse in Oklahoma City	Non-natural, not counted
1960-07-15	1960-07-15	DR-104-OK	Major disaster	Heavy Rains, Hail, Floods & Tornadoes	Hail; Inland Flooding; Tornado
1959-11-09	1959-11-09	DR-95-OK	Major disaster	Heavy Rains & Floods	Inland Flooding
1959-07-08	1959-07-08	DR-92-OK	Major disaster	Flood	Inland Flooding
1957-05-18	1957-05-18	DR-74-OK	Major disaster	Flood	Inland Flooding
1956-04-07	1956-04-07	DR-54-OK	Major disaster	Tornadoes	Tornado
1955-06-01	1955-06-01	DR-35-OK	Major disaster	Flood & Tornado	Inland Flooding (primary); also designated: Tornado

FEMA recorded these with designated area Statewide and no county, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

13 Fire Management declarations (1971-04-08 to 2012-07-30) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$1,907.43

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-1401-OK	2002-02-01	Severe Winter Ice Storm	Grainola Senior Citizens	\$1,907.43

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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Cold Wave	10	4	3	7	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	64	5	0	19	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	221	3	8	20	0	0	1955 to 2026-06-30	
Heat Wave	74	19	32	71	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	7	0	0	0	5	0	1996 to 2026-06-30	
Inland Flooding	10	0	0	0	11	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	2	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	158	9	5	22	2	0	1955 to 2026-06-30	Includes 6 High Wind and 1 Strong Wind records.
Tornado	41	5	1	6	8	0	1950 to 2026-06-30	
Wildfire	9	5	1	6	1	0	1996 to 2026-06-30	
Winter Weather	32	2	0	4	6	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-04-19	Tornado	EF1, 2.1 mi within this county, 150 yd wide	\$400,000 property; \$0 crops (2025 dollars)	1, 1	SPAULDING	new since last plan; within last 5 years	deaths or injuries recorded
2024-04-27	Tornado	EF3, 20.5 mi within this county, 1,760 yd wide	\$1,500,000 property; \$0 crops (2024 dollars)	2, 4	SPAULDING to WETUMKA	in the 12 months before plan approval; within last 5 years	deaths or injuries recorded
2023-09-23	Thunderstorm Wind	78 kt (90 mph) estimated gust	\$75,000 property; crops not reported (2023 dollars)	0, 0	HOLDENVILLE	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Thunderstorm Wind
2010-01-28	Ice Storm		\$8,000,000 property; \$0 crops (zone total, 2010 dollars)	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Ice Storm
2006-07-16	Heat		damage not reported	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Excessive Heat, Heat
2005-12-27	Wildfire		\$800,000 property; crops not reported (zone total, 2005 dollars)	1, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Wildfire
2005-12-01	Drought		damage not reported	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Drought
2005-11-27	High Wind	53 kt (61 mph) measured gust	damage not reported	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: High Wind and Strong Wind
1999-04-23	Flood		\$300,000 property; crops not reported (zone total, 1999 dollars)	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1996-02-01	Cold/Wind Chill		damage not reported	0, 0	NWS zone OKZ032 (HUGHES), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1994-05-07	Hail	4.5 in	damage not recorded (pre-1996 record)	0, 0	Dustin		B1-c worst recorded: Hail
1950-04-28	Tornado	F4, 4.5 mi path length (whole path, pre-1996), 200 yd wide	\$250,000 property; crops not recorded (1950 dollars)	5, 32	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (628 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Cold Wave	1.32	event-days per year	about 1.32 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	25	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	32	event-days per year	about 32 days per year	Likely	Storm Events event-days in 16 of 30 years, 1996 to 2025 (53.3%)	917	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00133	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.133%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	7.98	events per year	about 7.98 per year	Highly likely	FEMA annualized frequency (modeled)	303.5 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	20.5	event-days per year	about 20.5 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	324	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.00589	events per year	about 1 in 170 years	Unlikely	FEMA annualized frequency (modeled)	2	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	1.52	event-days per year	about 1.52 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	102	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.357	event-days per year	about 0.357 days per year	Likely	Storm Events event-days in 7 of 30 years, 1996 to 2025 (23.3%)	10	1996 to 2023 (28 years)	see B1-f	
Landslide	0.313	events per year (modeled)	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	56	days per year with a strike	about 56 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	4.17	events per year	about 4.17 per year	Highly likely	FEMA annualized frequency (modeled)	159	1986 to 2023 (38 years)	countywide	

Hazard	FEMA annualized frequency (modeled)	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
	<i>unit per row</i>								
Tornado	0.887	events per year	about 0.89 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.015	annual probability at a location	chance a given location in the county burns in a year: 1.5%	Likely	Storm Events records in 4 of 30 years, 1996 to 2025 (13.3%)	not shown	modeled	see B1-f	
Winter Weather	7.42	event-days per year	about 7.42 days per year	Likely	Storm Events event-days in 20 of 30 years, 1996 to 2025 (66.7%)	141	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	61	30	2.03
Hail	2.00 in+	1996 to 2025	7	30	0.233
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	71	30	2.37
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	11	30	0.367
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	17	30	0.567
Tornado	EF0-1	1996 to 2025	10	30	0.333
Tornado	EF2-3	1996 to 2025	4	30	0.133
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Cold Wave	5 of 5	65.1	85.4	88.9	Relatively High 4, Relatively Moderate 1
Drought	4 of 5	84.0	95.7	97.1	Relatively Moderate 3, Relatively Low 1, No Rating 1
Earthquake	5 of 5	32.3	48.6	52.7	Relatively Low 3, Very Low 2
Hail	5 of 5	98.6	98.7	99.4	Very High 5
Heat Wave	5 of 5	76.9	81.4	92.3	Relatively High 2, Relatively Moderate 3
Hurricane	5 of 5	35.3	49.5	51.6	Relatively Low 1, Very Low 4
Ice Storm	5 of 5	97.2	98.0	98.7	Very High 3, Relatively High 2
Inland Flooding	5 of 5	10.3	39.4	52.6	Relatively Moderate 2, Relatively Low 2, Very Low 1
Landslide	5 of 5	45.1	87.9	93.6	Relatively Low 3, Very Low 2
Lightning	5 of 5	60.5	66.4	85.4	Relatively High 1, Relatively Moderate 4
Strong Wind	5 of 5	67.3	70.2	83.0	Relatively High 1, Relatively Moderate 4

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	5 of 5	86.7	88.6	97.7	Very High 2, Relatively High 3
Wildfire	5 of 5	93.6	96.9	98.0	Relatively High 4, Relatively Moderate 1
Winter Weather	5 of 5	80.6	85.0	90.2	Relatively High 5

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

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

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

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

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>
Hughes County	County	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$8,111,628.27	0 total; 0 since its plan
Allen town	Town	Approved, expires 2028-02-23	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 2 since its plan
Atwood town	Town	Plan 109800 approved 2024-08-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	25 total; no approved plan
Calvin town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$47,135.88	26 total; 0 since its plan
Dustin town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$13,898.21	22 total; 0 since its plan
Gerty town	Town	Plan 109800 approved 2024-08-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	18 total; no approved plan
Holdenville city	City	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$219,145.08	100 total; 6 since its plan
Horntown town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 2 since its plan
Lamar town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$33,108.16	27 total; 1 since its plan
Spaulding town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 1 since its plan
Stuart town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	12 total; 2 since its plan
Wetumka city	City	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	\$137,990.96	28 total; 2 since its plan
Yeager town	Town	Approved, expires 2029-08-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	11 total; 1 since its plan

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

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

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

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

Local data needed

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

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

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

Sources: 1, 2, 3, 5, 6, 7

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-08-08 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Cold Wave	\$2,075,845,685	\$394,372,107	13,349	\$5,243	\$403,872	\$520,682	0.000253%				
Drought	n/a	\$2,816,463	n/a	n/a	\$350,602	n/a	12.4% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$3,567,538,311	n/a	13,367	\$75,544	n/a	\$31,872	0.00212%				
Hail	\$2,075,845,685	\$394,372,107	13,349	\$1,837,520	\$3,777	\$61,756	0.0885%				
Heat Wave	\$2,075,845,685	\$394,372,107	13,349	\$45	\$2,200	\$546,244	under 0.0001%				
Hurricane	\$2,070,111,396	\$385,402,542	13,341	\$4,774	\$17,923	\$116	0.000231%				
Ice Storm	\$2,075,845,685	n/a	13,349	\$553,577	n/a	\$4,689	0.0267%				
Inland Flooding	\$2,073,573,125	\$38,265,776	107	\$1,824,416	\$50,829	\$2,540	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$11,656,208	n/a	66	\$57	n/a	\$2,644	0.000493%				
Lightning	\$2,075,845,685	n/a	13,349	\$7,615	n/a	\$85,736	0.000367%				
Strong Wind	\$2,075,845,685	\$394,372,107	13,349	\$83,479	\$446	\$95,465	0.00402%	\$90,000			
Tornado	\$2,075,845,685	\$394,372,107	13,349	\$445,758	\$25,682	\$1,348,950	0.0215%	\$707,000			

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-08-08 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$617,283,719	\$349,314,913	7,878	\$862,753	\$37,797	\$268,210	0.14%		\$117,000		
Winter Weather	\$2,075,845,685	\$394,372,107	13,349	\$25,637	\$3,489	\$24,981	0.00124%				

Totals since 2024-08-08 (Storm Events through 2026-06-30): 17 county-coded records, 8 with a damage value recorded (including \$0), \$797,000; 35 zone-level records, 5 with a damage value recorded (including \$0), \$117,000 reported for the zone; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	13,349
Building value (total, not at risk)	\$2,075,845,685
Agriculture value (total, not at risk)	\$394,372,107
NRI risk rating (all hazards)	Very Low
Expected annual loss, buildings and agriculture, all hazards	\$6,623,036
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)	\$2,993,885
Social vulnerability rating	Relatively Moderate
Community resilience rating	Very Low
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

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

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county total and NFIP communities

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	0	0	0	0	0	0

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Hughes County	400467	0	0	0	0	0	0	0
Allen town	400174	0	0	0	0	0	0	0
Atwood town	400629	0	0	0	0	0	0	0
Calvin town	400269	0	0	0	0	0	0	0
Dustin town	400371	0	0	0	0	0	0	0
Gerty town	400630	0	0	0	0	0	0	0
Holdenville city	400244	0	0	0	0	0	0	0
Horntown town	400631	0	0	0	0	0	0	0
Lamar town	400632	0	0	0	0	0	0	0
Spaulding town	400633	0	0	0	0	0	0	0
Stuart town	400330	0	0	0	0	0	0	0
Wetumka city	400453	0	0	0	0	0	0	0
Yeager town	400634	0	0	0	0	0	0	0

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

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

County repeat-flood properties by occupancy group: 0 in every occupancy group.

Sources: 1, 4

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

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

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
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3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
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5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
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8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each item is met.

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Hughes County, OK: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 40063). Automated baseline. <https://hazardplain.org/ok/40063/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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