

Oklahoma County, OK

Risk-assessment baseline packet

County FIPS: 40109 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2030-04-08. Plan: Oklahoma County (FEMA plan 110328), approved 2025-04-09.

Since the plan was approved on 2025-04-09: 2 new hazard declarations (2 incidents) and 171 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): Inland Flooding (\$127,523,612 a year), Tornado (\$54,245,076) and Heat Wave (\$50,798,371).

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; 40109 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

Status:	Approved, expires 2030-04-08	Plan:	Oklahoma County (FEMA plan 110328)
Approved:	2025-04-09	Days to expiry:	1,286

What changed since your last plan (approved 2025-04-09)

New federal declarations:	2 new hazard declarations (2 incidents): DR-4866-OK (Wildfires and Straight-Line Winds), FM-5669-OK (Train Trestle Fire)	Storm Events records since approval:	171 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 6, SRL 23 (44 CFR 77.2); any definition: 165	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: 19 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 negative = days since expiry	Notes
Oklahoma County	County	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	
Arcadia town	Town	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Bethany city	Town	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Choctaw city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Del City city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Edmond city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Forest Park town	Town	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Harrah city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Jones town	Town	Expired on 2025-03-18	Jones City (FEMA plan 105881)	2020-03-19	2025-03-18	-561	
Luther town	Town	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Midwest City city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Nichols Hills city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Nicoma Park city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Oklahoma City city	City	Approved, expires 2027-12-29	Oklahoma City (FEMA plan 108616)	2022-12-30	2027-12-29	455	
Spencer city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
The Village city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Warr Acres city	City	Approved, expires 2030-04-08	Oklahoma County (FEMA plan 110328)	2025-04-09	2030-04-08	1,286	this jurisdiction approved 2025-05-01
Choctaw/Nicoma Park Schools	School/School District	Approved, expires 2028-02-14	Choctaw-Nicoma Park Public Schools (FEMA plan 108660)	2023-02-15	2028-02-14	502	
Putnam City Public Schools	School/School District	Expired on 2022-09-18	Putnam City Schools (FEMA plan 102101)	2017-09-19	2022-09-18	-1,473	this jurisdiction approved 2017-09-18

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$117,208,981	\$12,068	\$10,302,563	\$127,523,612	212	
2	Tornado	Very High	Very High	\$34,419,672	\$1,883	\$19,823,520	\$54,245,076	72	
3	Heat Wave	Relatively High	Relatively High	\$498	\$137	\$50,797,736	\$50,798,371	124	
4	Hail	Very High	Very High	\$26,441,080	\$59	\$977,696	\$27,418,835	870	
5	Cold Wave	Relatively High	Relatively High	\$54,639	\$39,591	\$14,962,689	\$15,056,919	14	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	Earthquake	Relatively Moderate	Relatively Moderate	\$6,831,289	n/a	\$3,383,501	\$10,214,790		Storm Events does not record earthquakes.
7	Ice Storm	Very High	Very High	\$7,314,750	n/a	\$211,774	\$7,526,524	12	
8	Strong Wind	Relatively Moderate	Relatively Moderate	\$815,495	\$3	\$587,143	\$1,402,642	595	Includes 31 High Wind and 2 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
9	Lightning	Relatively High	Relatively High	\$481,240	n/a	\$761,295	\$1,242,536	50	
10	Wildfire	Relatively Moderate	Relatively Moderate	\$801,254	\$220	\$268,860	\$1,070,333	5	
11	Drought	Relatively Moderate	Relatively Moderate	n/a	\$517,675	n/a	\$517,675	75	
12	Winter Weather	Relatively High	Relatively High	\$108,964	\$312	\$317,278	\$426,554	67	

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
13	Hurricane	Very Low	Very Low	\$62,211	\$1,861	\$1,270	\$65,341	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$906	n/a	\$1,225	\$2,131	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 1070.02 (Relatively Moderate, 83.0); tract 1086.04 (Relatively Moderate, 82.2); tract 1061 (Relatively Moderate, 80.0)
Hurricane	tract 1086.04 (Very Low, 38.9); tract 1070.02 (Very Low, 38.0); tract 1053 (Very Low, 33.3)
Landslide	tract 1092.02 (Relatively Low, 89.6); tract 1090.01 (Relatively Low, 84.0); tract 1092.03 (Relatively Low, 84.0)
Tornado	tract 1086.04 (Very High, 99.4); tract 1070.02 (Very High, 99.3); tract 1053 (Very High, 97.0)
Wildfire	tract 1085.33 (Relatively Moderate, 94.7); tract 1088.04 (Relatively Moderate, 93.6); tract 1085.32 (Relatively Moderate, 92.9)

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 1070.02 is Census Tract 1070.02). 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	13 records, 1996 to 2025 (13 zone-level)	1 day to 7 days (median 2.5 days); 12 with a recorded value	7 consecutive days, 2007-01-12 to 2007-01-18, 1 direct death, 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)	75 records, 2000 to 2026 (75 zone-level)	16 days to 414 days (median 70 days); 15 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)	1,274 records, 1955 to 2026 (2 zone-level)	0.57 in to 5 in (median 1 in); 1,273 with a recorded value	5 in hail, 1960-05-16	Hail, 2012-05-29, \$250,000,000 property; crops not reported (2012 dollars)	Event records naming jurisdictions in the plan: Oklahoma City city (154 records), Edmond city (146 records), The Village city (85 records), Bethany city (51 records), Choctaw city (51 records), Midwest City city (46 records), Warr Acres city (40 records), Nichols Hills city (34 records), Del City city (26 records), Jones town (19 records); and 6 more jurisdictions (see the Excel file). Zone-level records (2) apply countywide.	
Excessive Heat, Heat	heat index (in event narratives)	124 records, 1996 to 2026 (124 zone-level)	1 day to 29 days (median 2 days); 76 with a recorded value	29 consecutive days, 2006-07-16 to 2006-08-13, 7 direct deaths, 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)	12 records, 1998 to 2020 (12 zone-level)		Ice Storm, 2007-12-09, \$150,000,000 property; \$0 crops (2007 dollars); NWS zone OKZ025		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)	212 records, 1996 to 2025 (3 zone-level)		Flash Flood, 2010-06-14, \$5,500,000 property; \$0 crops (2010 dollars), 136 direct injuries		Event records naming jurisdictions in the plan: Oklahoma City city (48 records), Edmond city (37 records), Warr Acres city (20 records), Bethany city (13 records), The Village city (12 records), Nichols Hills city (10 records), Del City city (9 records), Choctaw city (8 records), Forest Park town (7 records), Midwest City city (7 records); and 5 more jurisdictions (see the Excel file). Zone-level records (3) 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)	50 records, 1996 to 2026		Lightning, 2014-07-09, \$2,800,000 property; \$0 crops (2014 dollars)		Event records naming jurisdictions in the plan: Oklahoma City city (27 records), Edmond city (11 records), Bethany city (2 records), Midwest City city (2 records), Del City city (1 record), Forest Park town (1 record), Nichols Hills city (1 record), Warr Acres city (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	33 records, 1996 to 2026 (33 zone-level)	39 kt (45 mph) to 64 kt (74 mph) (median 51 kt (59 mph)); 28 with a recorded value	64 kt (74 mph) measured gust, High Wind, 2020-05-14; same speed and measurement basis also recorded on 2009-05-13; NWS zone OKZ025	High Wind, 2007-02-24, \$40,000 property; \$0 crops (zone total, 2007 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	844 records, 1955 to 2026 (2 zone-level)	50 kt (58 mph) to 100 kt (115 mph) (median 56 kt (64 mph)); 697 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1960-02-09	Thunderstorm Wind, 1995-07-23, \$50,000,000 property; crops not recorded (1995 dollars)	Event records naming jurisdictions in the plan: Oklahoma City city (112 records), Edmond city (90 records), Bethany city (24 records), Midwest City city (22 records), Choctaw city (21 records), The Village city (21 records), Warr Acres city (19 records), Del City city (18 records), Nichols Hills city (18 records), Harrah city (16 records); and 6 more jurisdictions (see the Excel file). Zone-level records (2) apply countywide.	Speeds under 20 kt (likely entry errors) are left out of the observed range.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	141 records, 1950 to 2026	F/EF0 to F/EF4 (median F/EF1); 138 with a recorded value	F4 tornado, 1999-05-03, 7 mi within this county, 1,320 yd wide, \$450,000,000 property; crops not reported (1999 dollars), 12 direct deaths, 234 direct injuries		Event records naming jurisdictions in the plan: Edmond city (9 records), Oklahoma City city (9 records), Harrah city (7 records), Choctaw city (6 records), Forest Park town (5 records), Jones town (5 records), Luther town (4 records), Warr Acres city (4 records), Bethany city (3 records), Del City city (3 records); and 4 more jurisdictions (see the Excel file).	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).
Wildfire	acres burned (local data)	5 records, 2000 to 2025 (4 zone-level)		Wildfire, 2025-03-14, \$8,000,000 property; crops not reported (2025 dollars); NWS zone OKZ025		Event records naming jurisdictions in the plan: Oklahoma City city (1 record). Zone-level records (4) apply countywide.	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	67 records, 1996 to 2026 (67 zone-level)		Winter Weather, 2023-11-26, \$1,500,000 property; crops not reported (2023 dollars); NWS zone OKZ025		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: 52 declarations covering 41 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2026-08-13	2026-08-13	FM-5669-OK	Fire management	Train Trestle Fire	Wildfire	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2025-05-21	2025-03-14	DR-4866-OK	Major disaster	Wildfires and Straight-Line Winds	Wildfire (primary); also designated: Strong Wind	PA not declared for this county	new since last plan; within last 5 years	
2025-03-18	2024-11-02	DR-4862-OK	Major disaster	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Inland Flooding; Strong Wind; Tornado	\$1,042,889.28	in the 12 months before plan approval; within last 5 years	
2025-03-14	2025-03-14	FM-5562-OK	Fire management	Luther Fire	Wildfire	no Public Assistance recorded	in the 12 months before plan approval; within last 5 years	same incident as DR-4866
2023-03-31	2023-03-31	FM-5459-OK	Fire management	Hefner Fire, Oklahoma Fmag	Wildfire	no Public Assistance recorded	within last 5 years	
2021-02-24	2021-02-08	DR-4587-OK	Major disaster	Severe Winter Storms	Ice Storm	\$560,024.78		
2021-02-17	2021-02-08	EM-3555-OK	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded		same incident as DR-4587
2020-12-21	2020-10-26	DR-4575-OK	Major disaster	Severe Winter Storm	Ice Storm	\$46,931,396.67		
2020-04-05	2020-01-20	DR-4530-OK	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$195,161,867.89		
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
2015-12-29	2015-11-27	DR-4247-OK	Major disaster	Severe Winter Storms and Flooding	Ice Storm	\$3,322,934.94		
2015-05-26	2015-05-05	DR-4222-OK	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	Inland Flooding; Strong Wind; Tornado	\$600,193.79		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2013-05-20	2013-05-18	DR-4117-OK	Major disaster	Severe Storms, Tornadoes, and Flooding	Tornado (primary); also designated: Inland Flooding	\$10,502,686.03		
2012-08-03	2012-08-03	FM-5001-OK	Fire management	Luther Fire	Wildfire	no Public Assistance recorded		
2011-08-31	2011-08-31	FM-2954-OK	Fire management	Westminster Fire	Wildfire	no Public Assistance recorded		
2011-08-30	2011-08-30	FM-2951-OK	Fire management	63Rd and Sooner Road Fire	Wildfire	no Public Assistance recorded		
2011-08-04	2011-08-04	FM-2945-OK	Fire management	Coffee Creek Fire	Wildfire	no Public Assistance recorded		
2011-07-15	2011-07-15	FM-2938-OK	Fire management	Edmond Fire	Wildfire	no Public Assistance recorded		
2011-04-06	2011-04-06	FM-2883-OK	Fire management	Jones Spencer Fire	Wildfire	no Public Assistance recorded		
2011-03-11	2011-03-11	FM-2869-OK	Fire management	Midwest City Fire Complex	Wildfire	no Public Assistance recorded		
2011-03-11	2011-03-11	FM-2868-OK	Fire management	Harrah Fire	Wildfire	no Public Assistance recorded		
2011-02-02	2011-01-31	EM-3316-OK	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded		
2010-07-26	2010-06-13	DR-1926-OK	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	Inland Flooding; Strong Wind; Tornado	\$1,770,138.13		
2010-05-24	2010-05-10	DR-1917-OK	Major disaster	Severe Storms, Tornadoes, and Straight-Line Winds	Strong Wind; Tornado	PA not declared for this county		
2010-01-30	2010-01-28	EM-3308-OK	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded		
2009-06-19	2009-04-09	DR-1846-OK	Major disaster	Wildfires	Wildfire	PA not declared for this county		
2009-04-10	2009-04-09	FM-2808-OK	Fire management	Midwest Choctaw Fire	Wildfire	no Public Assistance recorded		same incident as DR-1846
2009-02-15	2009-02-10	DR-1820-OK	Major disaster	Severe Storms and Tornadoes	Tornado	PA not declared for this county		
2007-12-18	2007-12-08	DR-1735-OK	Major disaster	Severe Winter Storms	Ice Storm	\$10,579,979.49		
2007-12-10	2007-12-08	EM-3280-OK	Emergency	Severe Winter Storms	Ice Storm	no Public Assistance recorded		same incident as DR-1735

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2007-08-24	2007-08-18	DR-1718-OK	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	PA not declared for this county		
2007-07-07	2007-06-10	DR-1712-OK	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding; Tornado	\$1,210,303.37		
2007-01-14	2007-01-12	EM-3272-OK	Emergency	Severe Winter Storms and Flooding	Ice Storm	\$373,705.73		
2006-01-10	2005-11-27	DR-1623-OK	Major disaster	Extreme Wildfire Threat	Wildfire	\$30,096.63		
2006-01-02	2006-01-01	FM-2607-OK	Fire management	63Rd Street Fire	Wildfire	no Public Assistance recorded		same incident as DR-1623
2005-12-29	2005-12-29	FM-2595-OK	Fire management	Eastern Oklahoma County Fire Complex	Wildfire	no Public Assistance recorded		same incident as DR-1623
2005-09-05	2005-08-29	EM-3219-OK	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$1,242.44		
2003-05-10	2003-05-08	DR-1465-OK	Major disaster	Severe Storms and Tornadoes	Tornado	\$960,442.97		
2002-02-01	2002-01-30	DR-1401-OK	Major disaster	Severe Winter Ice Storm	Ice Storm	\$1,692,821.12		
2001-06-29	2001-05-27	DR-1384-OK	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding; Tornado	\$168,262.44		
2001-01-05	2000-12-25	DR-1355-OK	Major disaster	Severe Winter Ice Storm	Ice Storm	\$646,624.79		
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
2000-11-27	2000-10-21	DR-1349-OK	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
1999-05-04	1999-05-03	DR-1272-OK	Major disaster	Ok, Tornadoes 5/3/99	Tornado	\$9,561,777.23		
1995-09-01	1995-07-21	DR-1066-OK	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		
1995-04-26	1995-04-19	DR-1048-OK	Major disaster	Explosion at Federal Courthouse in Oklahoma City	Non-natural, not counted	no Public Assistance recorded		
1993-05-12	1993-05-08	DR-991-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 <i>federal share obligated, nominal dollars</i>	Flags	Notes
1990-05-18	1990-04-14	DR-866-OK	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1986-10-14	1986-09-26	DR-778-OK	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1983-10-26	1983-10-19	DR-693-OK	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1974-11-26	1974-11-26	DR-453-OK	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1974-06-10	1974-06-10	DR-441-OK	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

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

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
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: 4 rows, \$224,924.57

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4438-OK	2019-06-01	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Oklahoma City, City Of	\$113,556.66
DR-1985-OK	2011-05-13	Severe Winter Storm and Snowstorm	Oklahoma Department Of Corrections	\$5,615.07
DR-1883-OK	2010-03-05	Severe Winter Storm	Oklahoma Department Of Corrections	\$101,711.34
DR-1678-OK	2007-02-01	Severe Winter Storms	Ottawa Tribe of Oklahoma	\$4,041.50

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	14	0	5	8	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	75	4	0	22	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	1,274	110	84	298	0	0	1955 to 2026-06-30	
Heat Wave	124	10	26	72	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	12	0	0	0	7	0	1996 to 2026-06-30	
Inland Flooding	212	9	6	24	15	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	50	1	0	2	0	0	1996 to 2026-06-30	
Strong Wind	877	30	51	149	5	1	1955 to 2026-06-30	Includes 31 High Wind and 2 Strong Wind records.
Tornado	141	5	7	19	13	0	1950 to 2026-06-30	
Wildfire	5	0	1	3	13	2	1996 to 2026-06-30	
Winter Weather	67	2	2	12	2	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
2025-03-14	Wildfire		\$8,000,000 property; crops not reported (zone total, 2025 dollars)	0, 0	NWS zone OKZ025 (OKLAHOMA), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Wildfire
2020-05-14	High Wind	64 kt (74 mph) measured gust	\$0 property; \$0 crops (zone total, 2020 dollars)	0, 0	NWS zone OKZ025 (OKLAHOMA), zone-level		B1-c worst recorded: High Wind and Strong Wind
2014-07-09	Lightning		\$2,800,000 property; \$0 crops (2014 dollars)	0, 0	NICHOLS HILLS		B1-c worst recorded: Lightning
2013-05-31	Flash Flood		\$0 property; \$0 crops (2013 dollars)	7, 0	WARR ACRES		deaths or injuries recorded
2010-06-14	Flash Flood		\$5,500,000 property; \$0 crops (2010 dollars)	0, 136	OKLAHOMA CITY to EDMOND		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2007-12-09	Ice Storm		\$150,000,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone OKZ025 (OKLAHOMA), zone-level		B1-c worst recorded: Ice Storm
2007-01-12	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2007 dollars)	1, 0	NWS zone OKZ025 (OKLAHOMA), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2006-07-16	Heat		damage not reported	5, 100	NWS zone OKZ025 (OKLAHOMA), zone-level		B1-c worst recorded: Excessive Heat, Heat
2001-07-04	Heat		damage not reported	6, 0	NWS zone OKZ025 (OKLAHOMA), zone-level		deaths or injuries recorded
1999-05-03	Tornado	F4, 7 mi within this county, 1,320 yd wide	\$450,000,000 property; crops not reported (1999 dollars)	12, 234	DEL CITY to MIDWEST CITY		deaths or injuries recorded
1960-05-16	Hail	5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail
1960-02-09	Thunderstorm Wind	100 kt (115 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the Excel file, sheet "B1-d Storm Events history" (2,851 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	1.84	event-days per year	about 1.84 days per year	Likely	Storm Events event- days in 6 of 30 years, 1996 to 2025 (20%)	35	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	24.9	event-days per year	about 24.9 days per year	Likely	Storm Events event- days in 15 of 30 years, 1996 to 2025 (50%)	952	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00143	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.143%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	11.2	events per year	about 11.2 per year	Highly likely	FEMA annualized frequency (modeled)	426.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	18.2	event-days per year	about 18.2 days per year	Likely	Storm Events event- days in 18 of 30 years, 1996 to 2025 (60%)	286	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0115	events per year	about 1 in 87 years	Possible	FEMA annualized frequency (modeled)	4	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	1.19	event-days per year	about 1.19 days per year	Likely	Storm Events event- days in 9 of 30 years, 1996 to 2025 (30%)	80	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.07	event-days per year	about 3.07 days per year	Likely	Storm Events event- days in 24 of 30 years, 1996 to 2025 (80%)	86	1996 to 2023 (28 years)	see B1-f	
Landslide	0.155	events per year (modeled)	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	51.2	days per year with a strike	about 51.2 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.76	events per year	about 5.76 per year	Highly likely	FEMA annualized frequency (modeled)	219	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	0.861	events per year	about 0.86 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.00183	annual probability at a location	chance a given location in the county burns in a year: 0.183%	Likely	Storm Events records in 4 of 30 years, 1996 to 2025 (13.3%)	not shown	modeled	see B1-f	
Winter Weather	9.47	event-days per year	about 9.47 days per year	Likely	Storm Events event- days in 26 of 30 years, 1996 to 2025 (86.7%)	180	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	534	30	17.8
Hail	2.00 in+	1996 to 2025	69	30	2.3
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	439	30	14.6
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	67	30	2.23
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	39	30	1.3
Tornado	EF0-1	1996 to 2025	54	30	1.8
Tornado	EF2-3	1996 to 2025	10	30	0.333
Tornado	EF4-5	1996 to 2025	3	30	0.1
Tornado	unrated (EFU)	1996 to 2025	1	30	0.0333

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Cold Wave	266 of 266	15.8	54.0	79.7	Relatively High 3, Relatively Moderate 169, Relatively Low 85, Very Low 9
Drought	42 of 266	66.9	83.3	95.8	Relatively Moderate 5, Relatively Low 20, Very Low 17, No Rating 224
Earthquake	266 of 266	14.8	53.0	83.0	Relatively Moderate 5, Relatively Low 207, Very Low 54
Hail	266 of 266	56.0	89.5	99.6	Very High 5, Relatively High 144, Relatively Moderate 113, Relatively Low 4
Heat Wave	266 of 266	1.5	91.3	97.3	Very High 5, Relatively High 191, Relatively Moderate 59, Relatively Low 2, Very Low 9
Hurricane	266 of 266	14.1	24.3	38.9	Very Low 266
Ice Storm	266 of 266	33.9	86.7	99.3	Very High 2, Relatively High 86, Relatively Moderate 164, Relatively Low 14
Inland Flooding	266 of 266	0.5	30.6	97.3	Very High 2, Relatively High 22, Relatively Moderate 55, Relatively Low 101, Very Low 86
Landslide	225 of 266	9.5	34.2	89.6	Relatively Low 4, Very Low 221, No Rating 41
Lightning	266 of 266	0.8	26.8	63.9	Relatively Moderate 7, Relatively Low 180, Very Low 79
Strong Wind	266 of 266	4.9	23.1	62.0	Relatively Moderate 2, Relatively Low 183, Very Low 81

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	266 of 266	27.5	73.9	99.4	Very High 9, Relatively High 119, Relatively Moderate 127, Relatively Low 10, Very Low 1
Wildfire	230 of 266	18.5	36.6	94.7	Relatively Moderate 18, Relatively Low 39, Very Low 173, No Rating 36
Winter Weather	266 of 266	15.6	40.6	64.8	Relatively Moderate 51, Relatively Low 210, Very Low 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 <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Oklahoma County	County	Approved, expires 2030-04-08	FMA RL 0, SRL 1; any 5	\$5,615,476.31	0 total; 0 since its plan	
Arcadia town	Town	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	15 total; 0 since its plan	
Bethany city	Town	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 2	\$2,970,062.29	93 total; 9 since its plan	
Choctaw city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 1	\$1,832,967.89	86 total; 6 since its plan	
Del City city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 5	\$8,765,923.07	57 total; 4 since its plan	Includes \$5,684.09 for declarations not counted as hazard incidents (DR-4530-OK).
Edmond city	City	Approved, expires 2030-04-08	FMA RL 1, SRL 1; any 7	\$15,588,731.24	293 total; 14 since its plan	
Forest Park town	Town	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 0	\$235,596.81	35 total; 5 since its plan	
Harrah city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 0	\$189,331.72	45 total; 4 since its plan	
Jones town	Town	Expired on 2025-03-18	FMA RL 0, SRL 2; any 3	\$254,818.67	38 total; 10 since its plan	
Luther town	Town	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 0	\$41,576.63	40 total; 4 since its plan	
Midwest City city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 7	\$13,758,343.19	80 total; 17 since its plan	Includes \$1,242.44 for declarations not counted as hazard incidents (EM-3219-OK).
Nichols Hills city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 2	\$1,469,070.74	64 total; 9 since its plan	Includes \$20,213.91 for declarations not counted as hazard incidents (DR-4530-OK).

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Nicoma Park city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 1	\$465,026.71	27 total; 6 since its plan	
Oklahoma City city	City	Approved, expires 2027-12-29	FMA RL 7, SRL 23; any 149	\$29,924,953.28	353 total; 20 since its plan	Whole community, including the part in Canadian County and Cleveland County; in-county portion (county table): FMA RL 5, FMA SRL 19, NFIP RL 124, NFIP SRL 16, any category 128.
Spencer city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 3	\$87,641.17	15 total; 0 since its plan	
The Village city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 1	\$1,590,441.43	120 total; 12 since its plan	Includes \$6,764.16 for declarations not counted as hazard incidents (DR-4530-OK).
Warr Acres city	City	Approved, expires 2030-04-08	FMA RL 0, SRL 0; any 0	\$2,262,634.38	84 total; 11 since its plan	

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

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-04-09 <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	\$144,781,097,192	\$27,614,104	795,336	\$54,639	\$39,591	\$14,962,689	under 0.0001%				
Drought	n/a	\$16,676,231	n/a	n/a	\$517,675	n/a	3.1% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$257,544,487,991	n/a	796,292	\$6,831,289	n/a	\$3,383,501	0.00265%				
Hail	\$144,781,097,192	\$27,614,104	795,336	\$26,441,080	\$59	\$977,696	0.0183%	\$0			
Heat Wave	\$144,781,097,192	\$27,614,104	795,336	\$498	\$137	\$50,797,736	under 0.0001%				
Hurricane	\$143,829,643,191	\$27,603,627	789,922	\$62,211	\$1,861	\$1,270	under 0.0001%				
Ice Storm	\$144,743,057,500	n/a	795,081	\$7,314,750	n/a	\$211,774	0.00505%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-04-09 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Inland Flooding	\$144,724,452,892	\$10,200,330	16,593	\$117,208,981	\$12,068	\$10,302,563	n/a (see note)	\$100,000			NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$370,761,985	n/a	1,843	\$906	n/a	\$1,225	0.000244%				
Lightning	\$144,781,097,192	n/a	795,336	\$481,240	n/a	\$761,295	0.000332%	\$25,000			
Strong Wind	\$144,781,097,192	\$27,614,104	795,336	\$815,495	\$3	\$587,143	0.000563%	\$125,000		no Public Assistance recorded (1 declaration)	
Tornado	\$144,781,097,192	\$27,614,104	795,336	\$34,419,672	\$1,883	\$19,823,520	0.0238%	\$275,000			
Wildfire	\$10,930,384,114	\$11,169,921	90,266	\$801,254	\$220	\$268,860	0.00733%			no Public Assistance recorded (2 declarations)	
Winter Weather	\$144,781,097,192	\$27,614,104	795,336	\$108,964	\$312	\$317,278	under 0.0001%				

Totals since 2025-04-09 (Storm Events through 2026-06-30): 152 county-coded records, 19 with a damage value recorded (including \$0), \$525,000; 19 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: none recorded on the 2 counted declarations.

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	795,336
Building value (total, not at risk)	\$144,781,097,192
Agriculture value (total, not at risk)	\$27,614,104
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$195,114,789
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)	\$102,396,550
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively Low
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	6	Severe repetitive loss, FMA definition (44 CFR 77.2)	23
Repetitive loss, NFIP insurance definition	159	Severe repetitive loss, NFIP insurance definition	19

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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
County total	6	23	159	19	165	2	24
of which: Jones City town	0	2	3	2	3	0	0
of which: Del City city	0	0	5	0	5	0	1
of which: Edmond city	1	1	6	1	7	1	3
of which: Bethany city	0	0	2	0	2	0	0

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>
of which: Choctaw city	0	0	1	0	1	0	1
of which: Midwest City city	0	0	7	0	7	0	1
of which: Spencer city	0	0	3	0	3	0	1
of which: The Village city	0	0	1	0	1	0	0
of which: Nichols Hills city	0	0	2	0	2	0	0
of which: Nicoma Park city	0	0	1	0	1	0	0
of which: Oklahoma County (unincorporated area)	0	1	4	0	5	1	0
of which: Oklahoma City city	5	19	124	16	128	0	17

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Oklahoma County	400466	0	1	4	0	5	1	0	
Arcadia town	400551	0	0	0	0	0	0	0	
Bethany city	400254	0	0	2	0	2	0	0	
Choctaw city	400357	0	0	1	0	1	0	1	
Del City city	400233	0	0	5	0	5	0	1	
Edmond city	400252	1	1	6	1	7	1	3	
Forest Park town	400379	0	0	0	0	0	0	0	
Harrah city	400140	0	0	0	0	0	0	0	
Jones town	400141	0	2	3	2	3	0	0	
Luther town	400396	0	0	0	0	0	0	0	
Midwest City city	400405	0	0	7	0	7	0	1	
Nichols Hills city	400423	0	0	2	0	2	0	0	
Nicoma Park city	400424	0	0	1	0	1	0	0	
Oklahoma City city	405378	7	23	144	19	149	0	22	Whole community, including the part in Canadian County and Cleveland County; in-county portion (county table): FMA RL 5, FMA SRL 19, NFIP RL 124, NFIP SRL 16, any category 128.
Spencer city	400412	0	0	3	0	3	0	1	

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
The Village city	400420	0	0	1	0	1	0	0	
Warr Acres city	400449	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

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	6	15	101	11	107	2	18
2 to 4 unit residential	0	1	3	1	3	0	0
other residential	0	2	28	2	28	0	2
non-residential	0	5	27	5	27	0	4
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

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

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

In this county 2 properties are FMA repetitive loss but not NFIP repetitive loss, and 155 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <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 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>

8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (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

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Cite this: Hazard Plain (2026). Oklahoma County, OK: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 40109). Automated baseline. <https://hazardplain.org/ok/40109/> 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