

Washington County, AR

Risk-assessment baseline packet

County FIPS: 05143 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 2029-11-18. Plan: Washington County (FEMA plan 107097), approved 2024-11-19.

Since the plan was approved on 2024-11-19: 2 new hazard declarations (2 incidents): EM-3627-AR (Severe Storms, Tornadoes, and Flooding), EM-3636-AR (Severe Winter Storm).

NOAA Storm Events records since that date: 70 records (data through 2026-06-30).

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Heat Wave (\$47,221,876 a year), Inland Flooding (\$42,196,882) and Tornado (\$13,614,626).

Repetitive-loss flood properties now: FMA RL 15, SRL 4 (44 CFR 77.2); any definition: 66.

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; 05143 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.

CONTENTS

1. Summary and terms used, page 1
2. Plan clock, page 2
3. What changed since your last plan (approved 2024-11-19), page 2
4. Supports FEMA checklist item B1-a: hazard identification, page 4
5. Supports FEMA checklist item B1-b: hazard location, page 6
6. Supports FEMA checklist item B1-c: hazard extent, page 6
7. Supports FEMA checklist item B1-d: previous occurrences, page 9
8. Supports FEMA checklist item B1-e: probability of future events, page 13
9. Supports FEMA checklist item B1-f: hazards that vary across jurisdictions, page 15
10. Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts, page 17
11. Supports FEMA checklist item B2-a: vulnerability (county context), page 19
12. Supports FEMA checklist item B2-c: repetitive loss properties, page 19
13. Sources, what the plan adds, disclaimer and citation, page 21

Plan clock

Status:	Approved, expires 2029-11-18	Plan:	Washington County (FEMA plan 107097)
Approved:	2024-11-19	Days to expiry:	1,145

What changed since your last plan (approved 2024-11-19)

New federal declarations:	2 new hazard declarations (2 incidents): EM-3627-AR (Severe Storms, Tornadoes, and Flooding), EM-3636-AR (Severe Winter Storm)	Storm Events records since approval:	70 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 15, SRL 4 (44 CFR 77.2); any definition: 66	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: 24 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
Washington County	County	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Elkins city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Elm Springs city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	Also approved under plan 107316 (Benton County, expires 2027-04-12). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Farmington city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Fayetteville city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Goshen town	Town	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Greenland city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Johnson city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Lincoln city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Prairie Grove city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Springdale city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	Also approved under plan 107316 (Benton County, expires 2027-04-12). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Tontitown city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
West Fork city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Winslow city	City	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Elkins School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Farmington School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	
Fayetteville School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18	1,145	

							Days to expiry <i>negative = days since expiry</i>	Notes
Jurisdiction	Type	Status	Plan	Approved	Expires			
Greenland Public Schools	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	
Lincoln School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	
Prairie Grove School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	
Siloam Springs Schools	School/School District	Approved, expires 2027-04-12	Benton County (FEMA plan 107316)	2022-04-13	2027-04-12		194	
Springdale School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	
West Fork School District	School/School District	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	
University of Arkansas	College/University	Approved, expires 2029-11-18	Washington County (FEMA plan 107097)	2024-11-19	2029-11-18		1,145	this jurisdiction approved 2024-12-06

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	EAL agriculture	Cost of expected deaths and injuries	EAL total (see note)	Storm Events records, 1996 to 2026-06-30	Storm Events coverage note
				<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>FEMA's dollar value per year, not property damage</i>	<i>modeled dollars per year</i>	<i>count</i>	
1	Heat Wave	Relatively High	Relatively High	\$628	\$1,683	\$47,219,565	\$47,221,876	12	
2	Inland Flooding	Relatively Moderate	Relatively Moderate	\$34,878,766	\$2,217,309	\$5,100,806	\$42,196,882	143	
3	Tornado	Relatively High	Relatively High	\$1,663,324	\$10,701	\$11,940,599	\$13,614,626	36	

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
4	Ice Storm	Very High	Very High	\$9,284,182	n/a	\$75,762	\$9,359,944	7	
5	Cold Wave	Relatively Moderate	Relatively High	\$1,042	\$462,937	\$4,392,238	\$4,856,217	1	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	Wildfire	Relatively Moderate	Relatively Moderate	\$2,545,907	\$22,413	\$449,761	\$3,018,081	2	
7	Hail	Relatively High	Relatively Moderate	\$2,714,607	\$23,676	\$18,987	\$2,757,269	318	
8	Earthquake	Relatively Low	Relatively Low	\$2,024,774	n/a	\$682,060	\$2,706,834		Storm Events does not record earthquakes.
9	Lightning	Relatively High	Relatively High	\$72,716	n/a	\$1,509,014	\$1,581,731	8	
10	Strong Wind	Relatively Moderate	Relatively Moderate	\$113,142	\$348	\$1,017,758	\$1,131,249	307	Includes 10 High Wind records (a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition).
11	Winter Weather	Very High	Very High	\$778,345	\$8,311	\$230,934	\$1,017,590	47	
12	Hurricane	Very Low	Very Low	\$75,990	\$46,124	\$1,562	\$123,676	0	Declared 1 time; no Storm Events record of this type.
13	Landslide	Relatively Low	Relatively Low	\$25,989	n/a	\$1,346	\$27,335	0	Declared 1 time; no Storm Events record of this type.
14	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	39	

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 113.01 (Relatively Moderate, 86.3); tract 105.01 (Relatively Low, 75.6); tract 104.04 (Relatively Low, 73.9)
Hurricane	tract 105.13 (Relatively Low, 52.5); tract 110.04 (Relatively Low, 51.7); tract 105.01 (Very Low, 49.3)
Landslide	tract 111.03 (Relatively Moderate, 98.0); tract 110.04 (Relatively Moderate, 98.0); tract 101.01 (Relatively Moderate, 95.6)
Tornado	tract 104.01 (Very High, 97.2); tract 113.01 (Very High, 95.1); tract 105.01 (Relatively High, 90.4)
Wildfire	tract 105.13 (Relatively High, 97.4); tract 110.04 (Relatively High, 97.2); tract 105.01 (Relatively High, 97.1)

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 113.01 is Census Tract 113.01). 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	0					Wind chill: in event narratives only (local data needed).
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2007 (1 zone-level)		No crop damage reported in 1 record.		Countywide (zone-level records).	Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	39 records, 2005 to 2026 (39 zone-level)	64 days to 267 days (median 105 days); 8 with a recorded value	267 days (about 8.8 months), 2012-06-19 to 2013-03-12, a run of 10 consecutive Storm Events drought records, zone-level		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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	433 records, 1957 to 2026	0.75 in to 5 in (median 1 in); 433 with a recorded value	5 in hail, 2020-05-04	Hail, 2003-07-13, \$50,000,000 property; crops not reported (2003 dollars)	Event records naming jurisdictions in the plan: Fayetteville city (70 records), Springdale city (35 records), Farmington city (24 records), Prairie Grove city (24 records), Lincoln city (20 records), West Fork city (18 records), Winslow city (18 records), Johnson city (17 records), Tontitown city (15 records), Elm Springs city (14 records); and 3 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	12 records, 1998 to 2023 (12 zone-level)	1 day to 12 days (median 4 days); 11 with a recorded value	12 consecutive days, 1998-07-20 to 1998-07-31, zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed).
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 2024 (7 zone-level)		Ice Storm, 2009-01-26, \$45,000,000 property; \$0 crops (2009 dollars), 1 direct injury (reported for the zone); NWS zone ARZ010		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	143 records, 1996 to 2026		Flash Flood, 2004-04-22, \$7,000,000 property; crops not reported (2004 dollars)		Event records naming jurisdictions in the plan: Fayetteville city (30 records), Johnson city (20 records), West Fork city (11 records), Farmington city (9 records), Prairie Grove city (8 records), Springdale city (6 records), Elm Springs city (5 records), Lincoln city (4 records), Tontitown city (4 records), Elkins city (3 records); and 2 more jurisdictions (see the Excel file).	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8 records, 1998 to 2014		Lightning, 2006-09-22, damage not reported, 1 direct death, 1 direct injury	Lightning, 2012-08-16, \$150,000 property; \$0 crops (2012 dollars)	Event records naming jurisdictions in the plan: Fayetteville city (2 records), Prairie Grove city (2 records), Farmington city (1 record), Goshen town (1 record), Johnson city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	10 records, 1998 to 2025 (10 zone-level)	43 kt (49 mph) to 56 kt (64 mph) (median 52 kt (60 mph)); 9 with a recorded value	56 kt (64 mph) estimated gust, High Wind, 2020-05-15; NWS zone ARZ010	High Wind, 2003-04-16, \$100,000 property; crops not reported, reported for the zone (2003 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	408 records, 1955 to 2026	43 kt (49 mph) to 75 kt (86 mph) (median 56 kt (64 mph)); 266 with a recorded value	75 kt (86 mph) estimated gust, Thunderstorm Wind, 2025-04-19; same speed and measurement basis also recorded on 2013-05-20	Thunderstorm Wind, 1994-06-07, \$500,000 property; crops not recorded (1994 dollars)	Event records naming jurisdictions in the plan: Fayetteville city (67 records), Springdale city (36 records), Prairie Grove city (18 records), Elkins city (17 records), Lincoln city (16 records), Winslow city (14 records), Tontitown city (13 records), Farmington city (11 records), Johnson city (10 records), West Fork city (9 records); and 3 more jurisdictions (see the Excel file).	Speeds under 20 kt (likely entry errors) are left out of the observed range.
Tornado	Enhanced Fujita (Fujita before Feb 2007)	53 records, 1954 to 2026	F/EF0 to F/EF3 (median F/EF1); 53 with a recorded value	F3 tornado, 1970-06-11, 29.6 mi path length (whole path, pre-1996), 250 yd wide, \$2,500,000 property; crops not recorded (1970 dollars), 1 direct death, 44 direct injuries	Tornado, 2022-03-30, \$20,000,000 property; \$0 crops (2022 dollars)	Event records naming jurisdictions in the plan: Lincoln city (4 records), Johnson city (2 records), Prairie Grove city (2 records), West Fork city (2 records), Elkins city (1 record), Elm Springs city (1 record), Farmington city (1 record), Fayetteville city (1 record), Goshen 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).
Wildfire	acres burned (local data)	2 records, 2014 to 2020 (2 zone-level)		Wildfire, 2014-02-19, \$50,000 property; \$0 crops (2014 dollars); NWS zone ARZ010		Countywide (zone-level records).	Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	47 records, 1996 to 2026 (47 zone-level)		Winter Storm, 2023-01-24, \$50,000 property; \$0 crops (2023 dollars); NWS zone ARZ010		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

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".

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 20 declarations covering 15 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2026-01-24	2026-01-23	EM-3636-AR	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded	new since last plan; within last 5 years	
2025-04-05	2025-04-02	EM-3627-AR	Emergency	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	no Public Assistance recorded	new since last plan; within last 5 years	
2020-08-27	2020-08-26	EM-3541-AR	Emergency	Hurricane Laura	Hurricane	no Public Assistance recorded		
2020-04-03	2020-01-20	DR-4518-AR	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$5,326,892.73		
2020-03-13	2020-01-20	EM-3461-AR	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4518
2019-09-13	2019-06-23	DR-4460-AR	Major disaster	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$1,884,264.45		
2017-06-15	2017-04-26	DR-4318-AR	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	Inland Flooding; Strong Wind; Tornado	\$2,534,655.07		
2016-02-05	2015-12-26	DR-4254-AR	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and Flooding	Inland Flooding; Strong Wind; Tornado	\$1,800,709.81		
2011-05-02	2011-04-14	DR-1975-AR	Major disaster	Severe Storms, Tornadoes, and Associated Flooding	Inland Flooding; Tornado	\$2,027,144.60		
2009-02-06	2009-01-26	DR-1819-AR	Major disaster	Severe Winter Storm	Winter Weather	\$8,649,108.85		
2009-01-28	2009-01-26	EM-3301-AR	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded		same incident as DR-1819
2008-03-26	2008-03-18	DR-1751-AR	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$599,193.40		
2005-09-02	2005-08-29	EM-3215-AR	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$112,111.59		
2004-05-07	2004-04-19	DR-1516-AR	Major disaster	Sever Storms, Flooding and Landslides	Inland Flooding; Landslide	\$1,391,188.76		
2000-12-29	2000-12-12	DR-1354-AR	Major disaster	Severe Winter Ice Storm	Ice Storm (primary); also designated: Cold Wave	\$517,060.32		
2000-12-28	2000-12-12	EM-3159-AR	Emergency	Severe Winter Ice Storm	Ice Storm	no Public Assistance recorded		same incident as DR-1354
1996-04-23	1996-04-21	DR-1111-AR	Major disaster	Severe Storms and Tornadoes	Tornado	PA not declared for this county		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Notes
						<i>federal share obligated, nominal dollars</i>	Flags	
1973-04-27	1973-04-27	DR-375-AR	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1972-01-27	1972-01-27	DR-321-AR	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1969-02-15	1969-02-15	DR-254-AR	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$142,616.55 (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
1964-03-20	1964-03-20	DR-166-AR	Major disaster	Severe Storms & Flooding	Inland Flooding
1963-08-02	1963-08-02	DR-157-AR	Major disaster	Heavy Rains & Flooding	Inland Flooding
1961-05-16	1961-05-16	DR-112-AR	Major disaster	Floods & Tornadoes	Inland Flooding (primary); also designated: Tornado
1960-05-28	1960-05-28	DR-102-AR	Major disaster	Tornadoes & Floods	Tornado (primary); also designated: Inland Flooding
1958-05-15	1958-05-15	DR-83-AR	Major disaster	Heavy Rainstorms & Floods	Inland Flooding
1957-05-29	1957-05-29	DR-77-AR	Major disaster	Tornadoes, Rain, Hail & Floods	Tornado (primary); also designated: Hail, Inland Flooding

FEMA recorded these with designated area Statewide and no county, 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.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$17,007.20

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4143-AR	2013-09-04	Severe Storms and Flooding	SPRINGDALE	\$17,007.20

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	1	0	0	0	1	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	39	3	3	10	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	433	28	18	77	0	0	1955 to 2026-06-30	
Heat Wave	12	0	0	1	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Ice Storm	7	0	1	1	2	0	1996 to 2026-06-30	
Inland Flooding	143	10	0	18	10	1	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	8	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	418	16	9	52	3	0	1955 to 2026-06-30	Includes 10 High Wind records.
Tornado	53	10	5	18	7	1	1950 to 2026-06-30	
Wildfire	2	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	47	3	1	11	2	1	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2025-04-19	Thunderstorm Wind	75 kt (86 mph) estimated gust	\$25,000 property; \$0 crops (2025 dollars)	0, 0	TONTITOWN	new since last plan; within last 5 years	B1-c worst recorded: Thunderstorm Wind
2023-01-24	Winter Storm		\$50,000 property; \$0 crops, reported for the zone (2023 dollars)	0, 0	NWS zone ARZ010 (WASHINGTON), zone-level	within last 5 years	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2020-05-15	High Wind	56 kt (64 mph) estimated gust	\$10,000 property; \$0 crops, reported for the zone (2020 dollars)	0, 0	NWS zone ARZ010 (WASHINGTON), zone-level		B1-c worst recorded: High Wind and Strong Wind
2020-05-04	Hail	5 in	\$200,000 property; \$0 crops (2020 dollars)	0, 0	JOHNSON		B1-c worst recorded: Hail
2020-03-07	Wildfire		\$0 property; \$0 crops, reported for the zone (2020 dollars)	1, 2	NWS zone ARZ010 (WASHINGTON), zone-level		deaths or injuries recorded
2014-02-19	Wildfire		\$50,000 property; \$0 crops, reported for the zone (2014 dollars)	0, 0	NWS zone ARZ010 (WASHINGTON), zone-level		B1-c worst recorded: Wildfire
2010-12-31	Tornado	EF3, 8.6 mi within this county, 500 yd wide	\$1,500,000 property; \$0 crops (2010 dollars)	4, 7	CINCINNATI to WEDINGTON		deaths or injuries recorded
2009-01-26	Ice Storm		\$45,000,000 property; \$0 crops, reported for the zone (2009 dollars)	0, 1	NWS zone ARZ010 (WASHINGTON), zone-level		B1-c worst recorded: Ice Storm
2006-09-22	Lightning		damage not reported	1, 1	PRAIRIE GROVE		B1-c worst recorded: Lightning
2004-04-22	Flash Flood		\$7,000,000 property; crops not reported (2004 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1998-07-20	Heat		damage not reported	0, 0	NWS zone ARZ010 (WASHINGTON), zone-level		B1-c worst recorded: Excessive Heat, Heat
1970-06-11	Tornado	F3, 29.6 mi path length (whole path, pre-1996), 250 yd wide	\$2,500,000 property; crops not recorded (1970 dollars)	1, 44	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,163 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	1.79	event-days per year	about 1.79 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	34	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	13.2	event-days per year	about 13.2 days per year	Likely (from Storm Events: 10 of 30 years)	event-days in 10 of 30 years, 1996 to 2025 (33.3%)	441	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00162	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.162%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	7.33	events per year	about 7.33 per year	Highly likely	FEMA annualized frequency (modeled)	278.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	9.42	event-days per year	about 9.42 days per year	Likely (from Storm Events: 9 of 30 years)	event-days in 9 of 30 years, 1996 to 2025 (30%)	148	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0122	events per year	about 1 in 82 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	1.91	event-days per year	about 1.91 days per year	Likely (from Storm Events: 7 of 30 years)	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	129	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.71	event-days per year	about 2.71 days per year	Likely (from Storm Events: 23 of 30 years)	event-days in 23 of 30 years, 1996 to 2025 (76.7%)	76	1996 to 2023 (28 years)	see B1-f	
Landslide	1.01	events per year (modeled)	about 1.01 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	58.4	days per year with a strike	about 58.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.89	events per year	about 5.89 per year	Highly likely	FEMA annualized frequency (modeled)	224	1986 to 2023 (38 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Tornado	0.806	events per year	about 0.81 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.00706	annual probability at a location	chance a given location in the county burns in a year: 0.706%	Possible (from Storm Events: 2 of 30 years)	Storm Events records in 2 of 30 years, 1996 to 2025 (6.67%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI.
Winter Weather	10.6	event-days per year	about 10.6 days per year	Likely (from Storm Events: 21 of 30 years)	event-days in 21 of 30 years, 1996 to 2025 (70%)	202	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 tsunامي 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	149	30	4.97
Hail	2.00 in+	1996 to 2025	20	30	0.667
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	198	30	6.6
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	40	30	1.33
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	53	30	1.77
Tornado	EF0-1	1996 to 2025	24	30	0.8
Tornado	EF2-3	1996 to 2025	10	30	0.333
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	54 of 54	33.9	63.8	84.3	Relatively High 3, Relatively Moderate 48, Relatively Low 3
Drought	0 of 54				No Rating 54
Earthquake	54 of 54	18.2	56.1	86.3	Relatively Moderate 1, Relatively Low 45, Very Low 8
Hail	54 of 54	58.6	82.8	95.3	Relatively High 3, Relatively Moderate 46, Relatively Low 5
Heat Wave	54 of 54	93.7	98.6	99.9	Very High 51, Relatively High 3
Hurricane	54 of 54	27.0	38.3	52.5	Relatively Low 2, Very Low 52
Ice Storm	54 of 54	91.7	98.8	99.9	Very High 42, Relatively High 12
Inland Flooding	54 of 54	3.9	68.3	91.5	Relatively High 14, Relatively Moderate 20, Relatively Low 15, Very Low 5
Landslide	53 of 54	13.7	54.4	98.0	Relatively Moderate 3, Relatively Low 11, Very Low 39, No Rating 1
Lightning	54 of 54	41.3	80.0	96.6	Very High 1, Relatively High 32, Relatively Moderate 19, Relatively Low 2
Strong Wind	54 of 54	25.8	56.8	80.0	Relatively Moderate 35, Relatively Low 19

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	54 of 54	52.7	81.1	97.2	Very High 2, Relatively High 37, Relatively Moderate 14, Relatively Low 1
Wildfire	47 of 54	22.8	90.2	97.4	Relatively High 6, Relatively Moderate 19, Relatively Low 21, Very Low 1, No Rating 7
Winter Weather	54 of 54	65.3	92.1	98.7	Very High 4, Relatively High 45, Relatively Moderate 5

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, 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.

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
Washington County	County	Approved, expires 2029-11-18	FMA RL 2, SRL 1; any 7	\$5,874,493.37	0 total; 0 since its plan	Includes \$380,230.22 for declarations not counted as hazard incidents (DR-4518-AR, EM-3215-AR).
Elkins city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 3	\$62,488.89	31 total; 0 since its plan	
Elm Springs city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 1	\$269,743.87	26 total; 3 since its plan	Also approved under plan 107316 (Benton County, expires 2027-04-12). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Farmington city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 1; any 5	\$254,082.37	46 total; 5 since its plan	
Fayetteville city	City	Approved, expires 2029-11-18	FMA RL 8, SRL 2; any 32	\$5,657,719.45	170 total; 6 since its plan	Includes \$52,278.12 for declarations not counted as hazard incidents (DR-4518-AR).
Goshen town	Town	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 2	\$48,919.43	20 total; 1 since its plan	
Greenland city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 1	\$51,641.85	9 total; 0 since its plan	
Johnson city	City	Approved, expires 2029-11-18	FMA RL 4, SRL 0; any 5	\$259,607.96	50 total; 5 since its plan	
Lincoln city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 0	\$213,889.33	44 total; 9 since its plan	
Prairie Grove city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 1	\$134,844.04	54 total; 3 since its plan	
Springdale city	City	Approved, expires 2029-11-18	FMA RL 1, SRL 0; any 7	\$3,285,550.70	77 total; 3 since its plan	Also approved under plan 107316 (Benton County, expires 2027-04-12). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<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>	
Tontitown city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 1	\$151,074.94	32 total; 6 since its plan	
West Fork city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 1	\$370,704.83	40 total; 5 since its plan	
Winslow city	City	Approved, expires 2029-11-18	FMA RL 0, SRL 0; any 0	\$175,628.28	35 total; 0 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	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-11-19	Zone-level damage since plan	Public Assistance since plan <i>nominal dollars; see note</i>	Note
						<i>FEMA's dollar value per year, not property damage</i>		<i>county-coded records, property plus crops, reported for the zone</i>	<i>property plus crops, reported for the zone</i>		
Cold Wave	\$45,898,417,878	\$655,683,169	245,782	\$1,042	\$462,937	\$4,392,238	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a			\$0		agriculture exposure is 0 in NRI
Earthquake	\$81,899,705,173	n/a	245,871	\$2,024,774	n/a	\$682,060	0.00247%				

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 2024-11-19 <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
Hail	\$45,898,417,878	\$655,683,169	245,782	\$2,714,607	\$23,676	\$18,987	0.00591%	\$600,000			
Heat Wave	\$45,898,417,878	\$655,683,169	245,782	\$628	\$1,683	\$47,219,565	under 0.0001%				
Hurricane	\$45,884,775,565	\$651,567,362	245,695	\$75,990	\$46,124	\$1,562	0.000166%				
Ice Storm	\$45,890,830,381	n/a	245,679	\$9,284,182	n/a	\$75,762	0.0202%				
Inland Flooding	\$45,881,292,036	\$60,854,551	6,096	\$34,878,766	\$2,217,309	\$5,100,806	n/a (see note)	\$0		no Public Assistance recorded (1 declaration)	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	\$1,244,901,504	n/a	6,582	\$25,989	n/a	\$1,346	0.00209%				
Lightning	\$45,898,417,878	n/a	245,782	\$72,716	n/a	\$1,509,014	0.000158%				
Strong Wind	\$45,898,417,878	\$655,683,169	245,782	\$113,142	\$348	\$1,017,758	0.000247%	\$61,000	\$15,000		Storm Events damage since the plan includes 1 zone-level High Wind record (\$15,000): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$45,898,417,878	\$655,683,169	245,782	\$1,663,324	\$10,701	\$11,940,599	0.00362%	\$2,000,000		no Public Assistance recorded (1 declaration)	
Wildfire	\$4,500,345,489	\$434,447,214	51,925	\$2,545,907	\$22,413	\$449,761	0.0566%				
Winter Weather	\$45,898,417,878	\$655,683,169	245,782	\$778,345	\$8,311	\$230,934	0.0017%	\$0		no Public Assistance recorded (1 declaration)	

Totals since 2024-11-19 (Storm Events through 2026-06-30): 63 county-coded records, 63 with a damage value recorded (including \$0), \$2,661,000; 7 zone-level records, 7 with a damage value recorded (including \$0), \$15,000 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	245,782
Building value (total, not at risk)	\$45,898,417,878
Agriculture value (total, not at risk)	\$655,683,169
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$56,972,916
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)	\$72,640,393
Social vulnerability rating	Relatively Low
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)	15	Severe repetitive loss, FMA definition (44 CFR 77.2)	4
Repetitive loss, NFIP insurance definition	64	Severe repetitive loss, NFIP insurance definition	3

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	15	4	64	3	66	1	25
of which: Washington County (unincorporated area)	2	1	7	1	7	0	4
of which: Elm Springs city	0	0	1	0	1	0	0
of which: Elkins city	0	0	3	0	3	0	0
of which: Farmington city	0	1	5	1	5	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: Fayetteville city	8	2	31	1	32	1	15
of which: Greenland city	0	0	1	0	1	0	0
of which: Johnson city	4	0	5	0	5	0	0
of which: Springdale city	1	0	6	0	7	0	2
of which: West Fork city	0	0	1	0	1	0	1
of which: Tontitown city	0	0	1	0	1	0	1
of which: Prairie Grove city	0	0	1	0	1	0	1
of which: Goshen city	0	0	2	0	2	0	1
Statewide, no county in FEMA's file	0	0	3	0	3	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Washington County	050212	2	1	7	1	7	0	4
Elkins city	050214	0	0	3	0	3	0	0
Elm Springs city	050213	0	0	1	0	1	0	0
Farmington city	050215	0	1	5	1	5	0	0
Fayetteville city	050216	8	2	31	1	32	1	15
Goshen town	050594	0	0	2	0	2	0	1
Greenland city	050217	0	0	1	0	1	0	0
Johnson city	050218	4	0	5	0	5	0	0
Lincoln city	050338	0	0	0	0	0	0	0
Prairie Grove city	050587	0	0	1	0	1	0	1
Springdale city	050219	1	0	6	0	7	0	2
Tontitown city	050293	0	0	1	0	1	0	1
West Fork city	050220	0	0	1	0	1	0	1
Winslow city	050300	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	5	3	40	2	41	1	22
2 to 4 unit residential	10	1	12	1	13	0	0
other residential	0	0	6	0	6	0	0
non-residential	0	0	6	0	6	0	3
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 51 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_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

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

Cite this: Hazard Plain (2026). Washington County, AR: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 05143). Automated baseline. <https://hazardplain.org/ar/05143/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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

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